LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Title : SVOA CALIBRATION

Signal : TIC: BP013729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	3	6	14	rVB	791991	909051	1.16%	0.144%
2	3.305	16	20	23	rVV	282429	310745	0.40%	0.049%
3	3.334	23	25	27	rVV	130204	129896	0.17%	0.021%
4	3.358	27	29	32	rVV	172135	192234	0.24%	0.031%
5	3.399	32	36	50	rVB	5867624	6275838	7.98%	0.997%
6	3.752	93	96	101	rVB	213480	242322	0.31%	0.038%
7	4.146	158	163	173	rVB	137195	201642	0.26%	0.032%
8	4.246	174	180	187	rVB	125452	159070	0.20%	0.025%
9	6.599	573	580	586	rBV	51897	82812	0.11%	0.013%
10	7.340	698	706	713	rVB	92953	152383	0.19%	0.024%
11	7.769	769	779	788	rVB	85032	141718	0.18%	0.023%
12	8.128	832	840	845	rBV	1378966	2344916	2.98%	0.372%
13	9.646	1092	1098	1105	rBV3	54869	92416	0.12%	0.015%
14	10.957	1309	1321	1336	rBV	1912366	3504747	4.46%	0.557%
15	12.928	1651	1656	1661	rVB	113196	152012	0.19%	0.024%
16	13.028	1667	1673	1679	rBV4	171447	380825	0.48%	0.060%
17	13.122	1684	1689	1693	rVV	232762	300089	0.38%	0.048%
18	13.181	1693	1699	1703	rVV	646870	893511	1.14%	0.142%
19	13.234	1703	1708	1710	rVV	269305	389164	0.49%	0.062%
20	13.263	1710	1713	1718	rVB	300492	384487	0.49%	0.061%
21	13.357	1724	1729	1733	rBV	127803	166472	0.21%	0.026%
22	13.410	1733	1738	1741	rVV	294850	418172	0.53%	0.066%
23	13.445	1741	1744	1749	rVV	397745	511902	0.65%	0.081%
24	13.498	1749	1753	1761	rVB	213622	300167	0.38%	0.048%
25	13.604	1761	1771	1787	rBV3	2255771	5425896	6.90%	0.862%
26	14.651	1944	1949	1956	rBV	84272	120730	0.15%	0.019%
27	14.739	1956	1964	1965	rVV	690121	991596	1.26%	0.157%
28	14.775	1965	1970	1977	rVV2	4419784	8646888	11.00%	1.373%
29	14.845	1977	1982	1985	rVV	1005215	1464674	1.86%	0.233%
30	14.887	1985	1989	2000	rVB	4055459	5605822	7.13%	0.890%
31	15.469	2085	2088	2094	rVB2	60095	87186	0.11%	0.014%
32	15.539	2094	2100	2104	rBV	145581	271051	0.34%	0.043%
33	15.592	2104	2109	2117	rVB	4915154	7065017	8.99%	1.122%
34	15.716	2121	2130	2139	rBV	5420583	8264241	10.51%	1.312%
35	15.810	2139	2146	2160	rVB2	8780843	15303060	19.46%	2.430%
36	15.975	2161	2174	2178	rBV	8813707	13023253	16.56%	2.068%

LSC Area Percent Report

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Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Title : SVOA CALIBRATION

37	16.039	2178	2185	2187	rBV	37201374	78627673	100.00%	12.486%
38	16.257	2214	2222	2227	rBV2	239423	572628	0.73%	0.091%
39	16.316	2227	2232	2233	rBV	76835	101790	0.13%	0.016%
40	16.481	2255	2260	2266	rVB	2968759	3932087	5.00%	0.624%
41	16.581	2272	2277	2282	rVV	2544579	3574472	4.55%	0.568%
42	16.639	2282	2287	2295	rVB3	6478202	10988494	13.98%	1.745%
43	16.710	2295	2299	2301	rBV	237737	292566	0.37%	0.046%
44	16.763	2301	2308	2313	rVV2	30612710	49406148	62.84%	7.846%
45	16.804	2313	2315	2322	rVB	1209425	1309962	1.67%	0.208%
46	16.886	2323	2329	2338	rVB	977864	1365019	1.74%	0.217%
47	17.016	2346	2351	2353	rBV	379636	519253	0.66%	0.082%
48	17.051	2353	2357	2362	rVV	7610686	10443961	13.28%	1.658%
49	17.116	2362	2368	2374	rVB2	2661087	3750467	4.77%	0.596%
50	17.210	2380	2384	2388	rVB	82554	105530	0.13%	0.017%
51	17.298	2395	2399	2406	rVB5	146920	275926	0.35%	0.044%
52	17.398	2409	2416	2419	rBV2	6952674	10863899	13.82%	1.725%
53	17.439	2419	2423	2429	rVV	20136222	27159448	34.54%	4.313%
54	17.510	2429	2435	2451	rVB4	8326816	21289394	27.08%	3.381%
55	17.698	2458	2467	2478	rBV	12850134	17723250	22.54%	2.814%
56	17.804	2479	2485	2488	rBV2	155386	257180	0.33%	0.041%
57	17.851	2488	2493	2495	rVV	395272	546830	0.70%	0.087%
58	17.880	2495	2498	2507	rVB2	461628	757404	0.96%	0.120%
59	17.969	2507	2513	2515	rBV	5116194	6836307	8.69%	1.086%
60	17.998	2515	2518	2523	rVB	3167632	3871402	4.92%	0.615%
61	18.057	2524	2528	2530	rBV3	99600	124996	0.16%	0.020%
62	18.116	2530	2538	2545	rVV	31567274	71133493	90.47%	11.296%
63	18.239	2550	2559	2565	rVV2	14099511	20633209	26.24%	3.276%
64	18.298	2565	2569	2573	rVV	1417840	1870761	2.38%	0.297%
65	18.357	2573	2579	2583	rVV	10395986	13309845	16.93%	2.114%
66	18.404	2583	2587	2596	rVB	2694144	3667296	4.66%	0.582%
67	18.510	2601	2605	2609	rVV2	801422	1151979	1.47%	0.183%
68	18.563	2609	2614	2618	rVV	8880393	11977309	15.23%	1.902%
69	18.622	2620	2624	2627	rVV	8908169	11429750	14.54%	1.815%
70	18.663	2627	2631	2636	rVV	11692365	14237703	18.11%	2.261%
71	18.710	2636	2639	2645	rVB	102650	155064	0.20%	0.025%
72	18.833	2653	2660	2665	rBV2	5928037	9145534	11.63%	1.452%
73	18.880	2665	2668	2672	rVV	3646664	4747250	6.04%	0.754%
74	18.933	2672	2677	2680	rVV	6484898	8588168	10.92%	1.364%
75	18.969	2680	2683	2686	rVV	5157068	6607734	8.40%	1.049%
76	19.004	2686	2689	2695	rVV	8485822	10358565	13.17%	1.645%

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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Title : SVOA CALIBRATION

77	19.069	2696	2700	2702	rVV	170906	230285	0.29%	0.037%
78	19.098	2702	2705	2711	rVV	1323283	1706864	2.17%	0.271%
79	19.169	2712	2717	2723	rVB	486811	591876	0.75%	0.094%
80	19.239	2724	2729	2734	rBV	459450	561326	0.71%	0.089%
81	19.298	2734	2739	2742	rBV	3212727	3834126	4.88%	0.609%
82	19.345	2742	2747	2750	rVV	4719335	6605453	8.40%	1.049%
83	19.380	2750	2753	2758	rVV3	3866642	5433334	6.91%	0.863%
84	19.457	2762	2766	2770	rBV	454784	541472	0.69%	0.086%
85	19.563	2779	2784	2786	rBV	434121	602289	0.77%	0.096%
86	19.586	2786	2788	2794	rVV	433333	850033	1.08%	0.135%
87	19.645	2794	2798	2805	rVV	476787	688921	0.88%	0.109%
88	19.704	2805	2808	2812	rVB3	106750	124331	0.16%	0.020%
89	20.057	2863	2868	2875	rVB3	124159	306830	0.39%	0.049%
90	20.133	2876	2881	2889	rVV7	173950	302631	0.38%	0.048%
91	20.274	2903	2905	2910	rVB	92528	106487	0.14%	0.017%
92	21.269	3070	3074	3087	rBV	1218640	1528420	1.94%	0.243%
93	21.498	3106	3113	3115	rBV2	34492895	66924900	85.12%	10.627%
94	21.598	3126	3130	3145	rVB	3637190	5893485	7.50%	0.936%
95	24.174	3562	3568	3578	rVB2	1996781	4286976	5.45%	0.681%

Sum of corrected areas: 629735790

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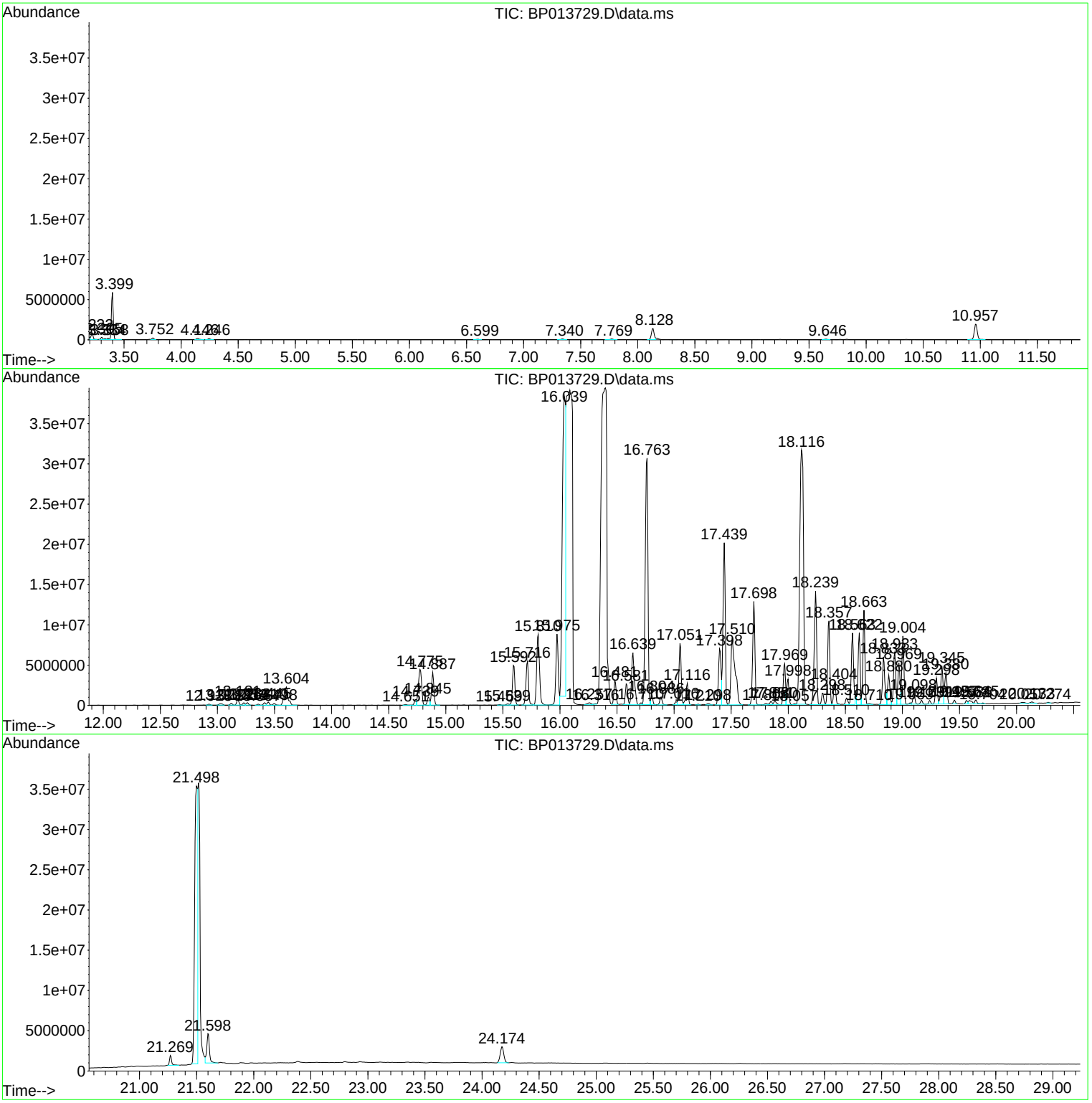
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013729.D
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Instrument :
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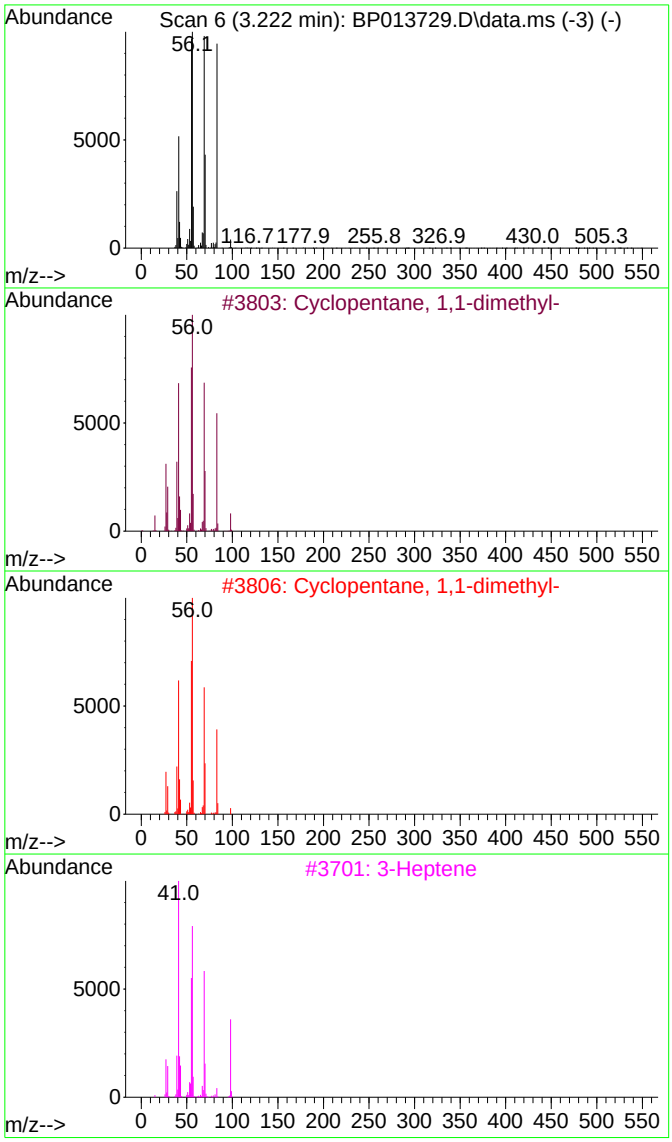
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

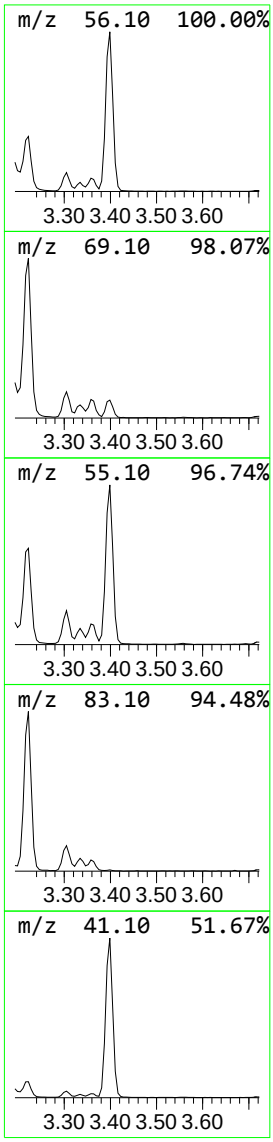
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.222 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.222	7.75 ng/ul	909051	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
3	3-Heptene	98	C7H14	000592-78-9	50
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

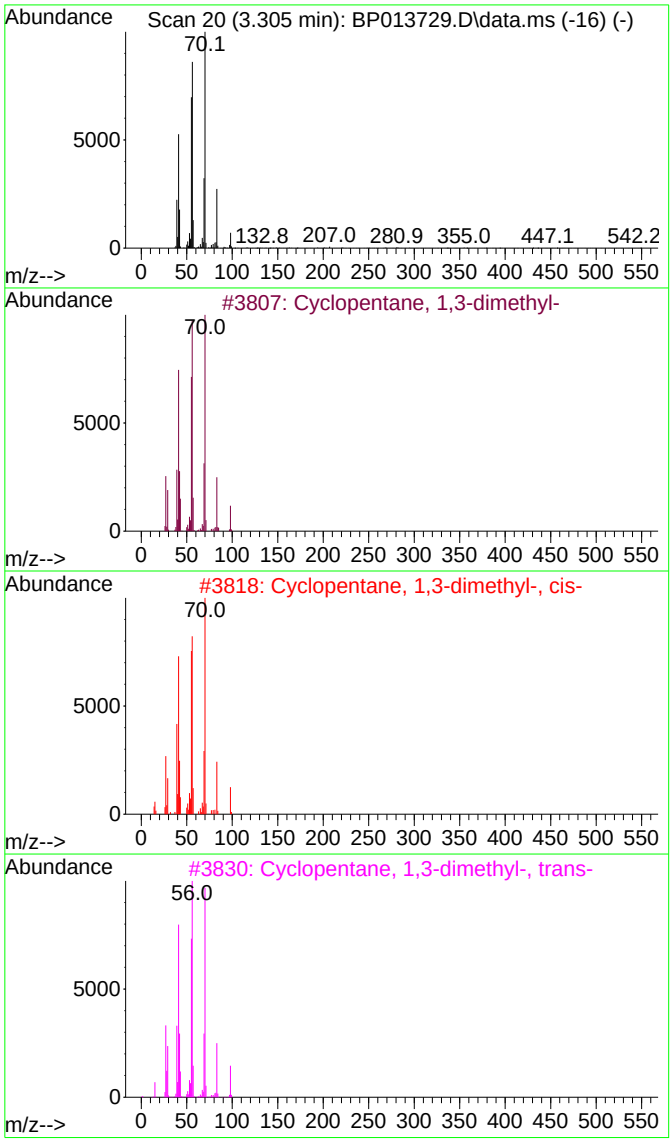
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

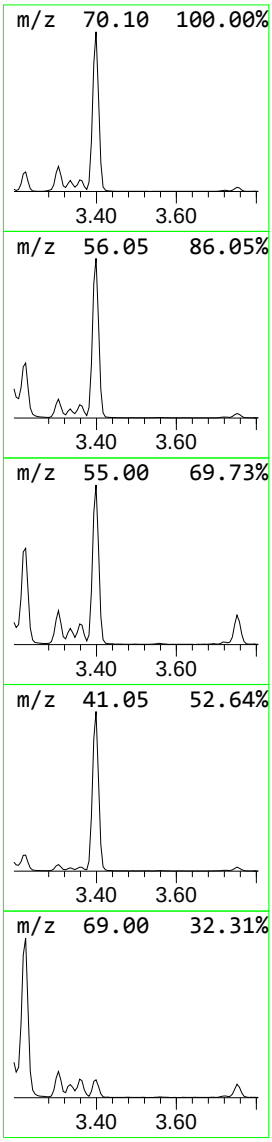
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.305 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.305	2.65 ng/ul	310745	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72
5	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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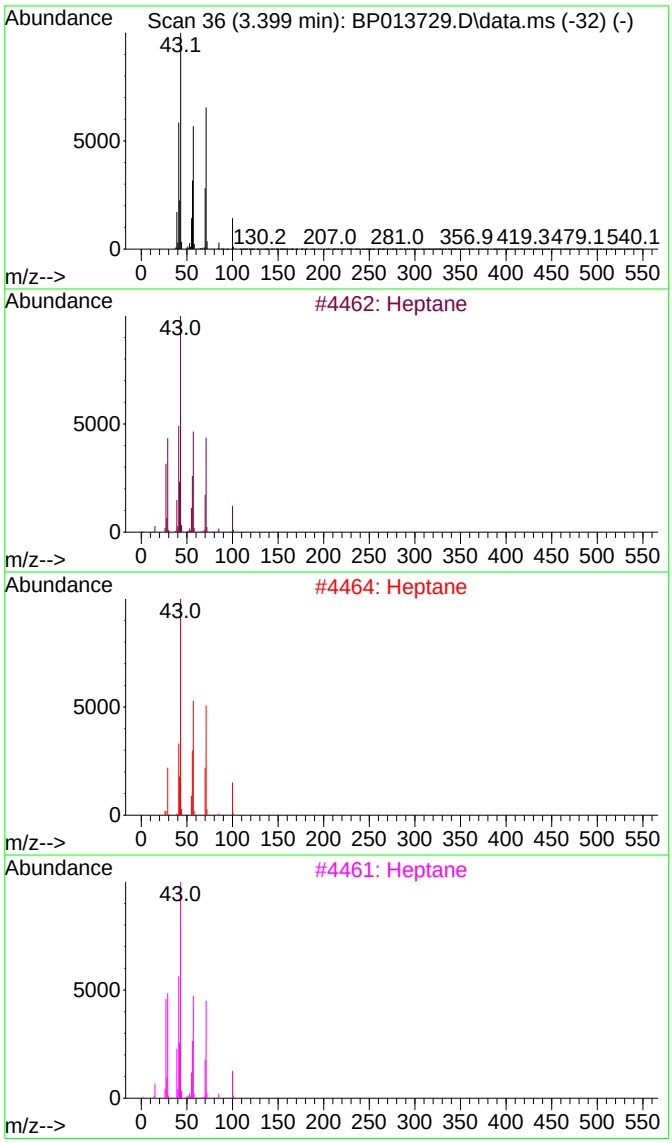
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

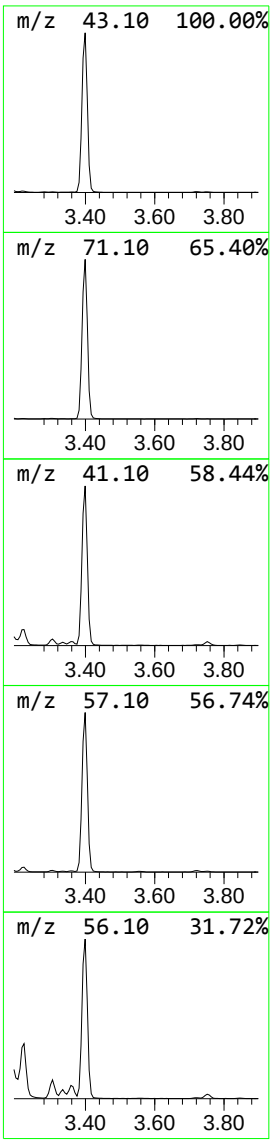
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.399	53.53 ng/ul	6275840	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.752 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.752	2.07 ng/ul	242322	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
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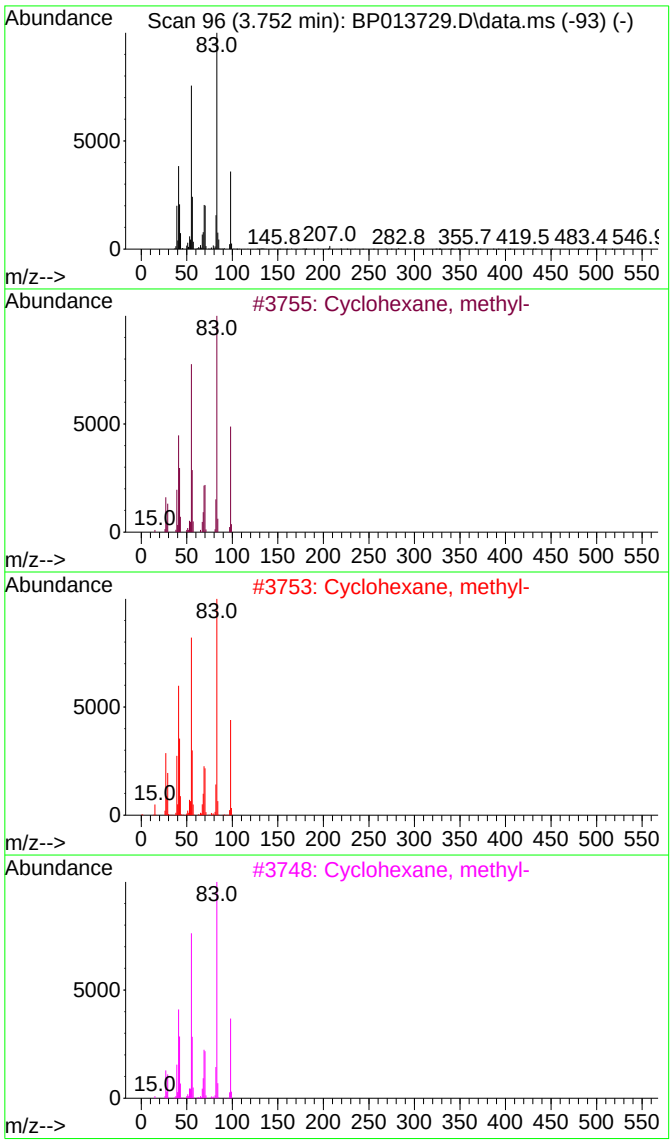

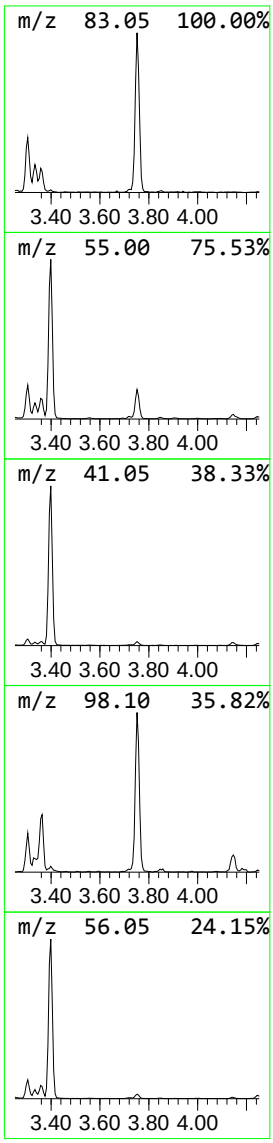

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Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

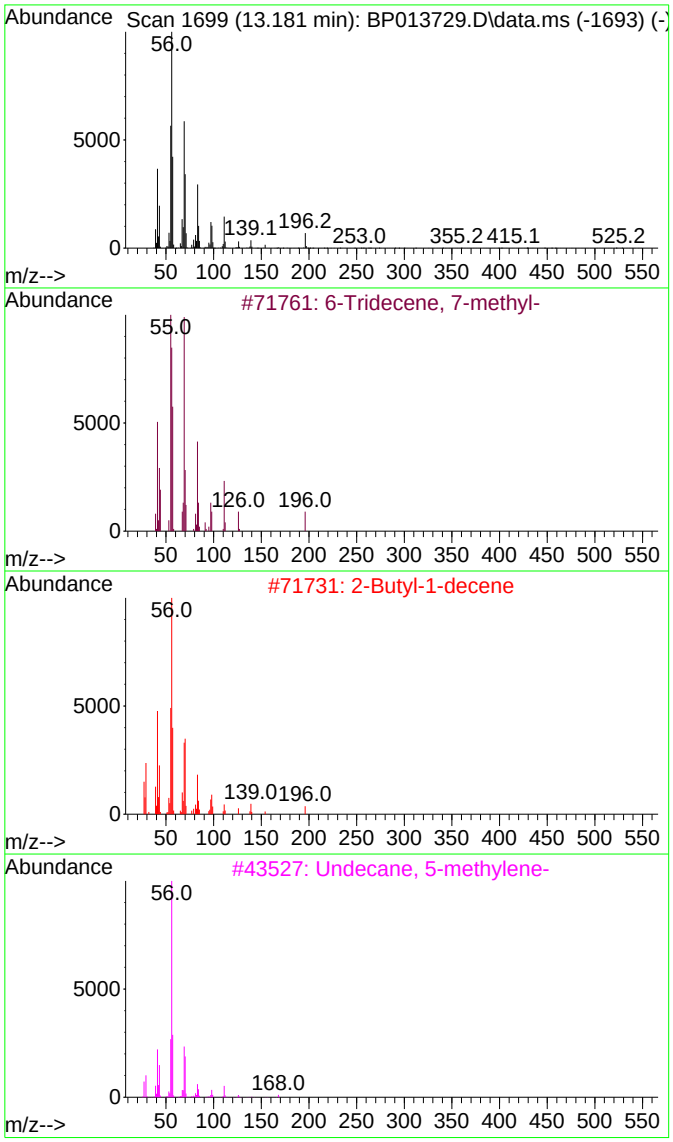
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

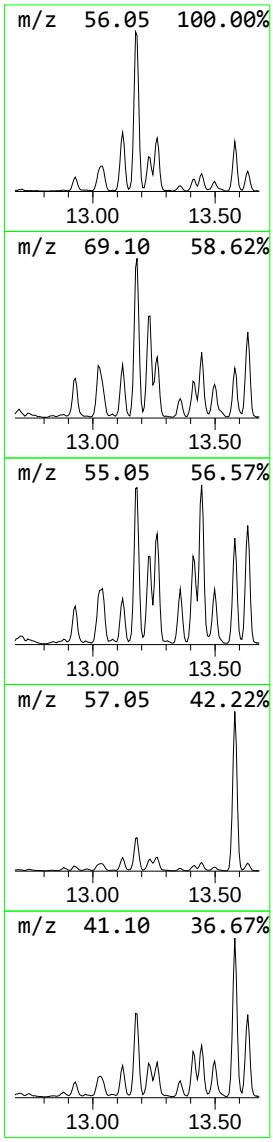
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.181	2.07 ng/ul	893511	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	86
2	2-Butyl-1-decene	196	C14H28	051655-65-3	81
3	Undecane, 5-methylene-	168	C12H24	005698-48-6	64
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59
5	1-Octene, 7-methyl-	126	C9H18	013151-06-9	58





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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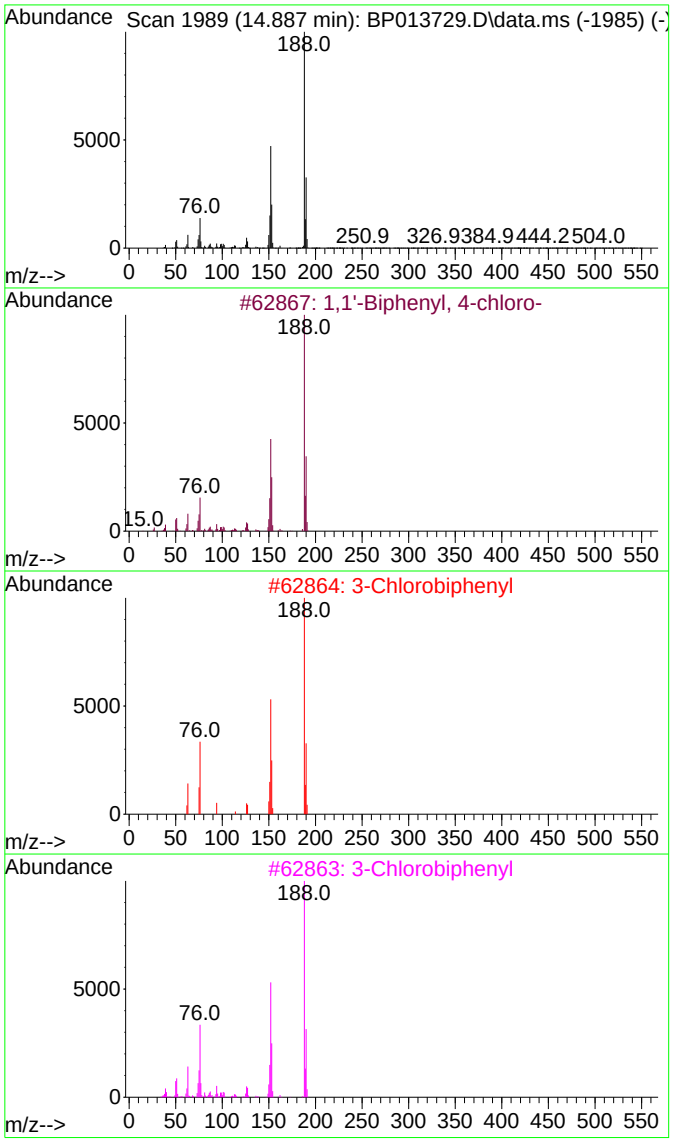
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

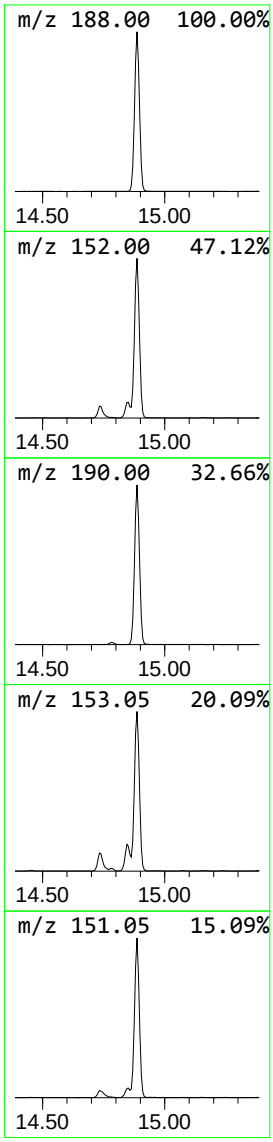
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 4-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.887	12.97 ng/ul	5605820	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

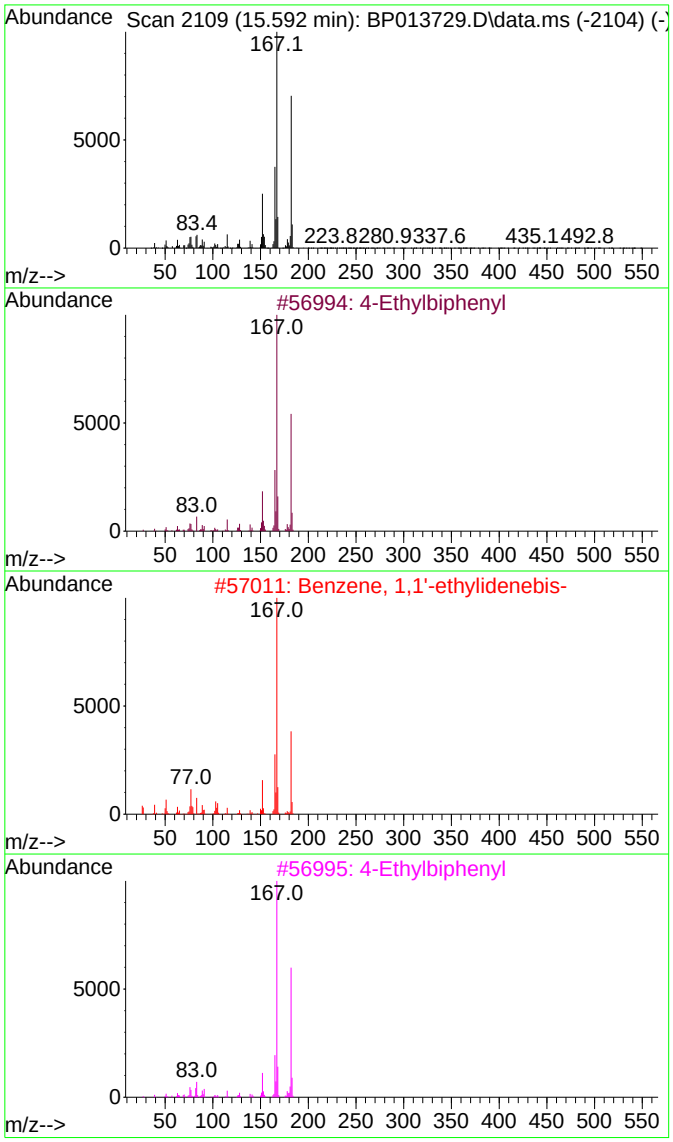
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

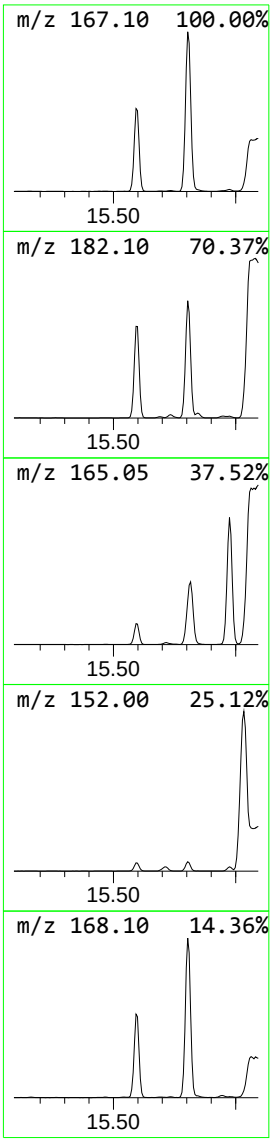
****

Peak Number 8 4-Ethylbiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	16.34 ng/ul	7065020	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	96
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	90
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	90
4	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	80
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	74





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

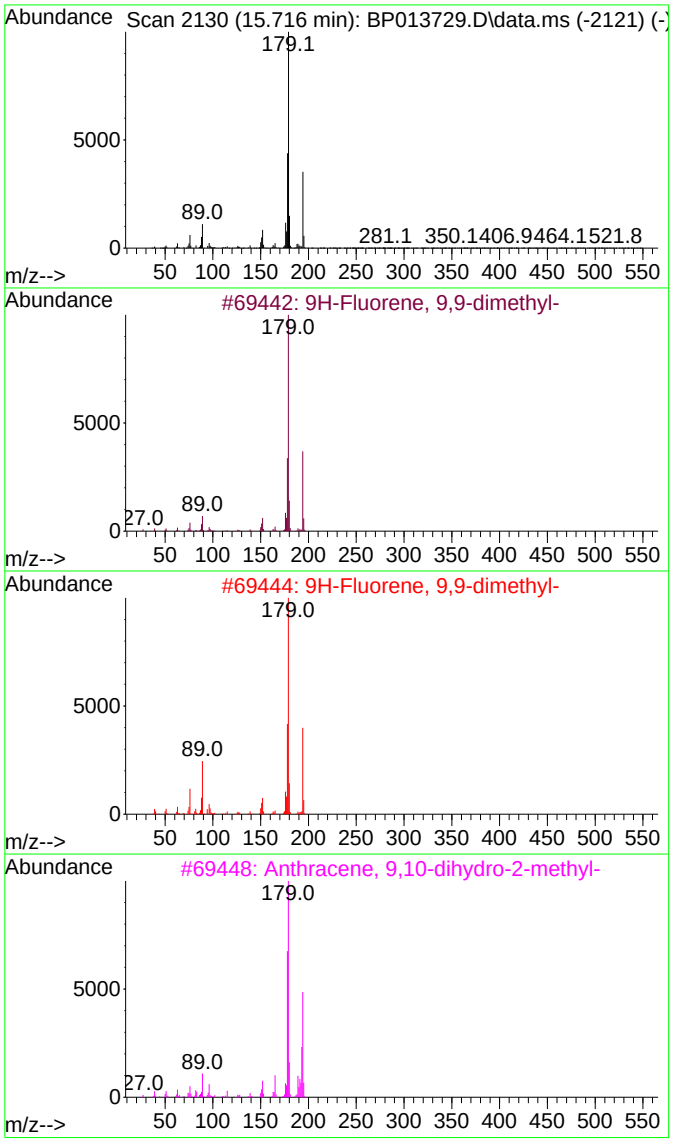
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

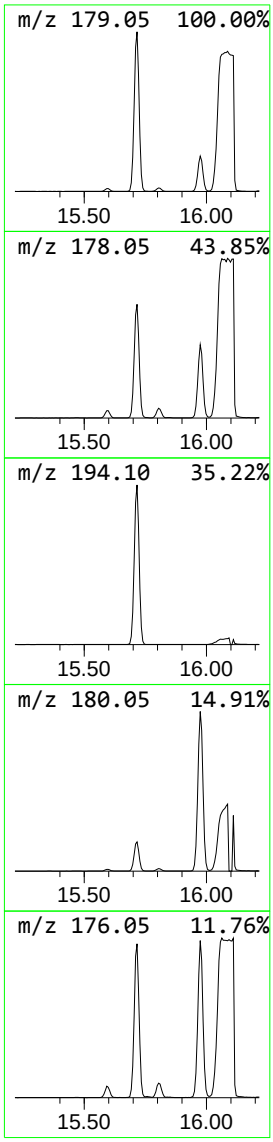
****

Peak Number 9 9H-Fluorene, 9,9-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	19.11 ng/ul	8264240	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	96
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	94
3	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	76
4	Ethanone, 1-(9,10-dihydro-9-anth...	222	C16H14O	054585-45-4	64
5	Anthracene, 9,10-dihydro-9-butyl-	236	C18H20	010394-60-2	64





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Sample : 01362-15
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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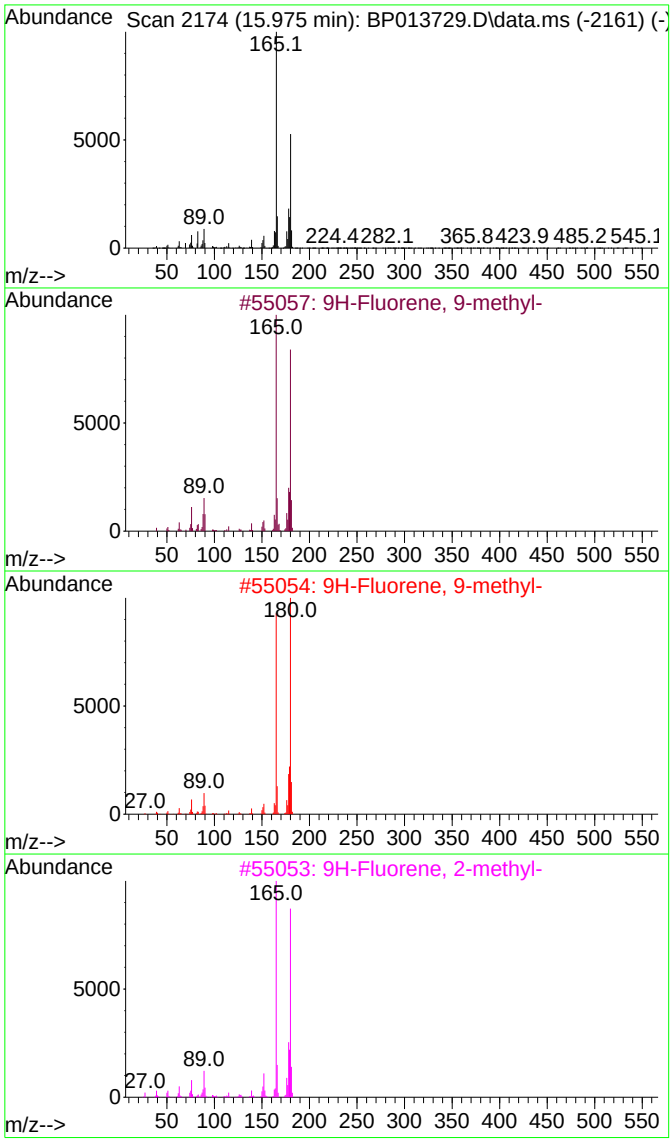
Quant Title : SVOA CALIBRATION

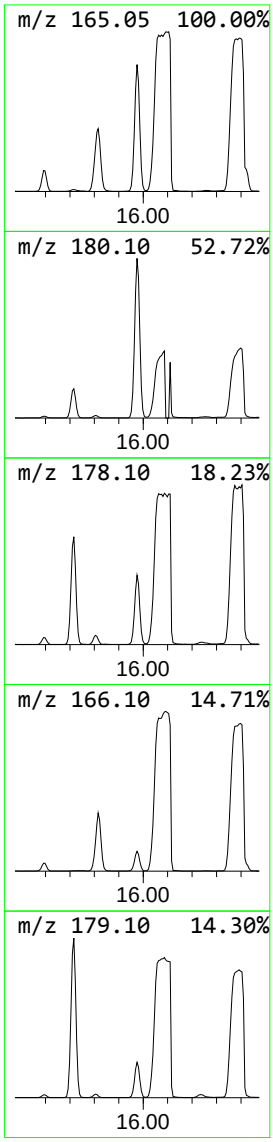
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluorene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.975	30.12 ng/ul	13023300	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	87





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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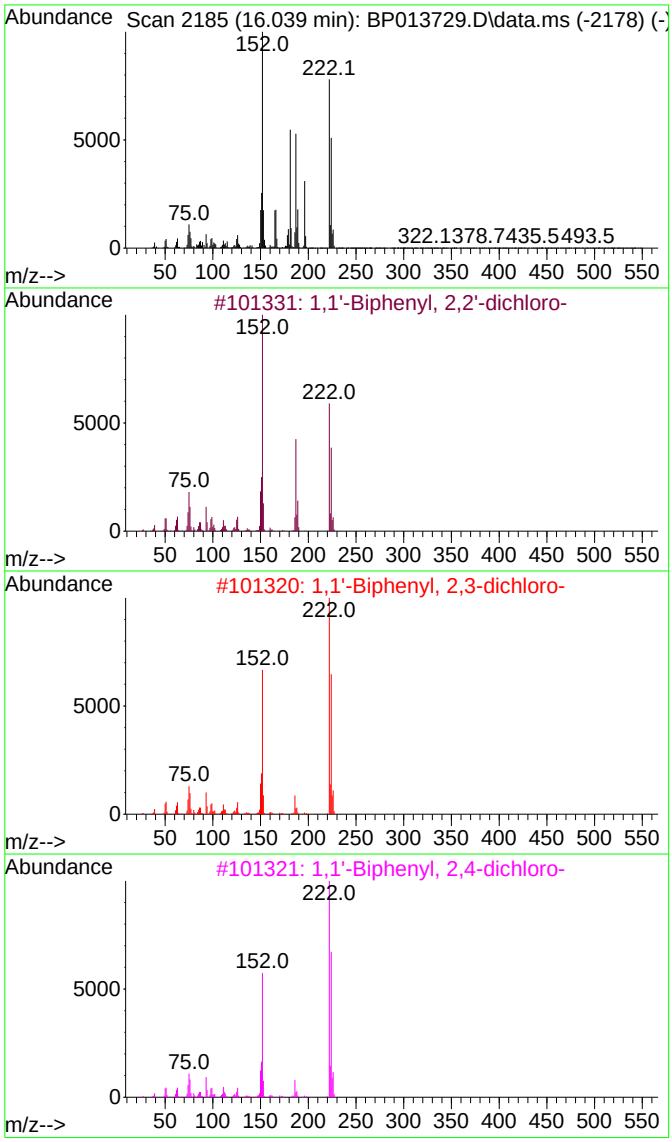
Quant Title : SVOA CALIBRATION

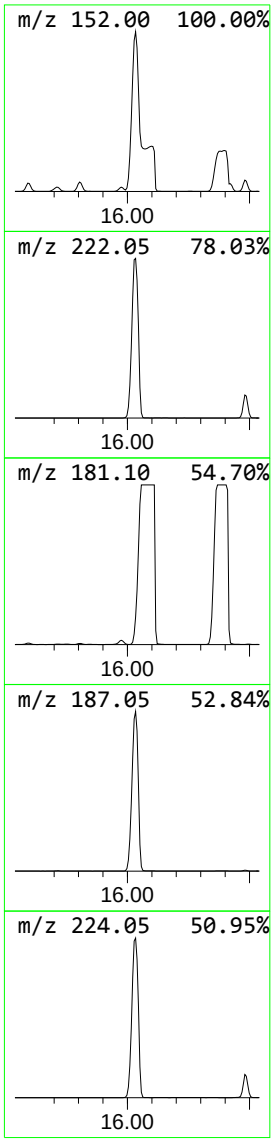
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	181.86 ng/ul	78627700	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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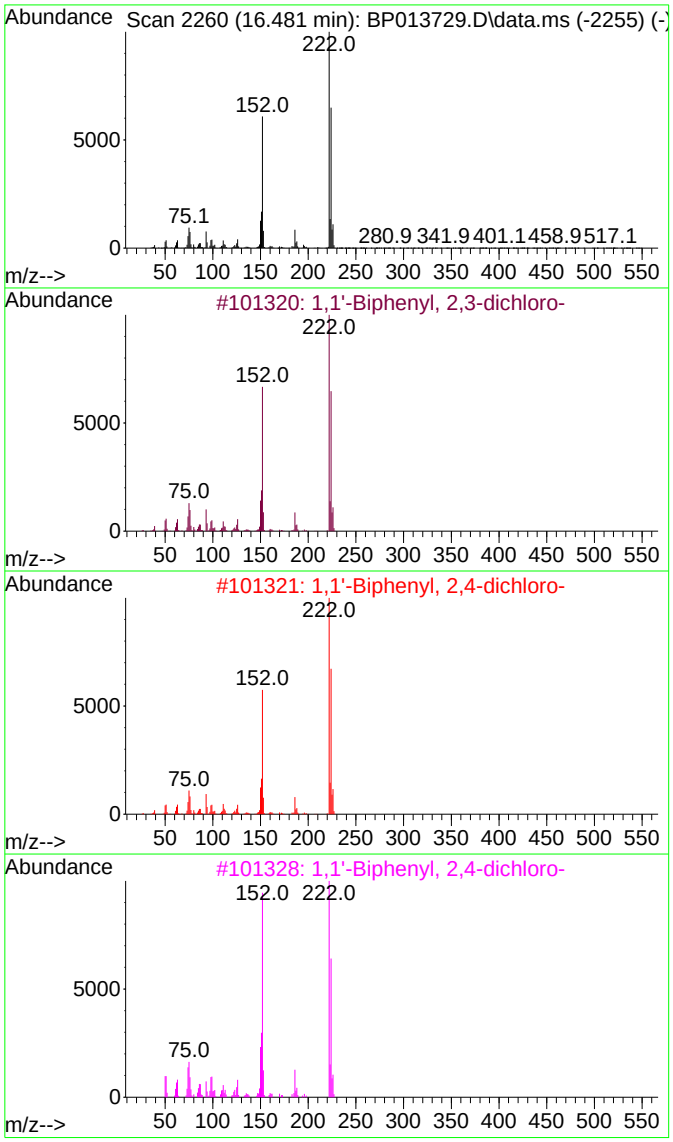
Quant Title : SVOA CALIBRATION

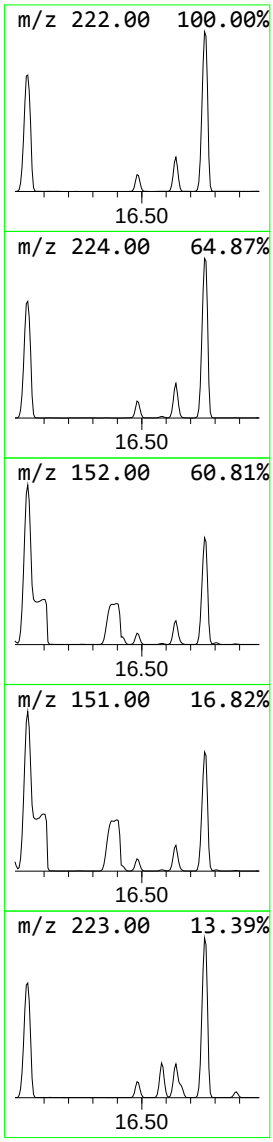
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.481	3.69 ng/ul	3932090	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Sample : 01362-15
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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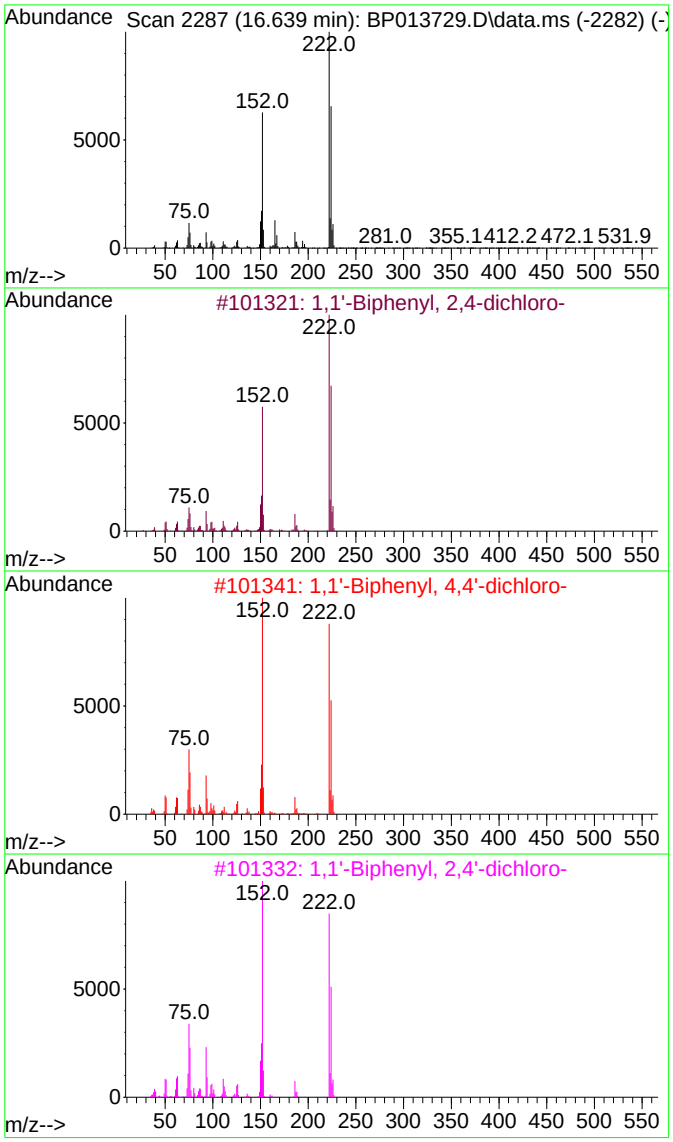
Quant Title : SVOA CALIBRATION

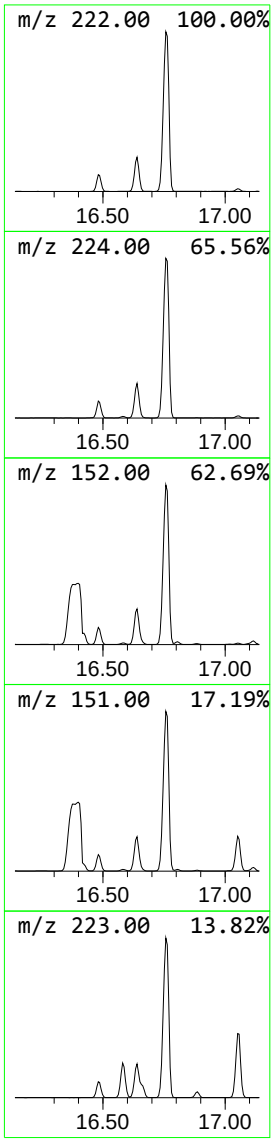
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	10.32 ng/ul	10988500	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
2	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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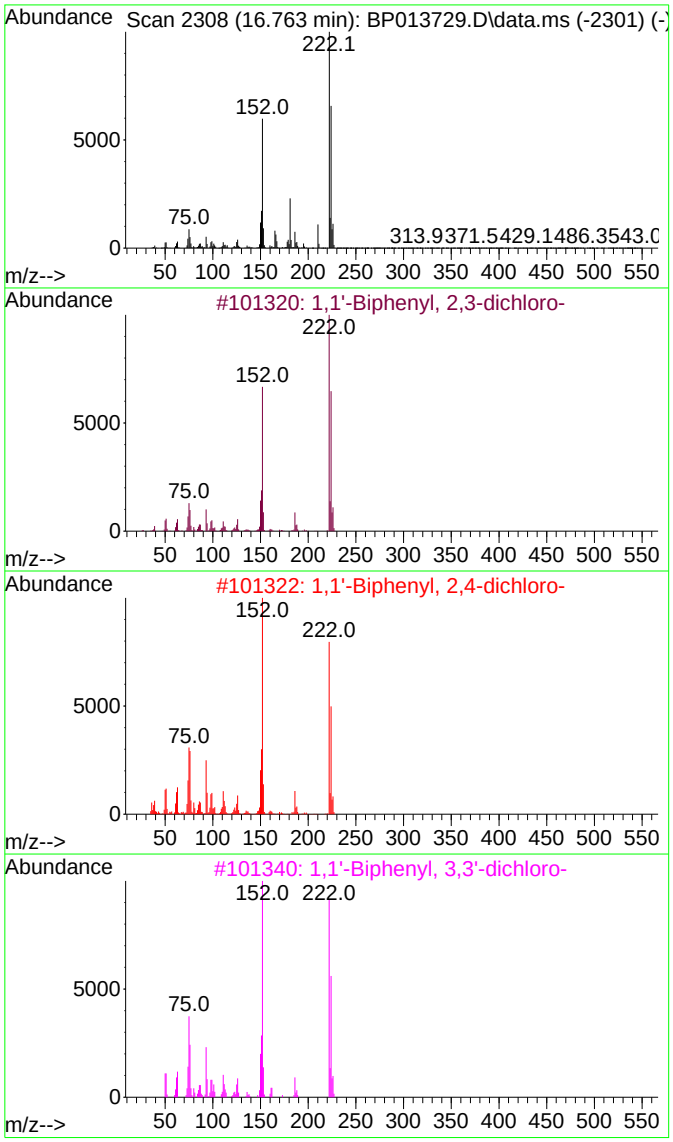
Quant Title : SVOA CALIBRATION

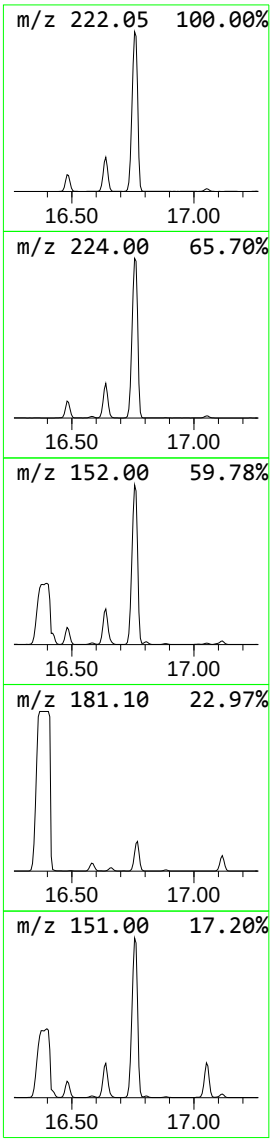
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	46.41 ng/ul	49406100	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96





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Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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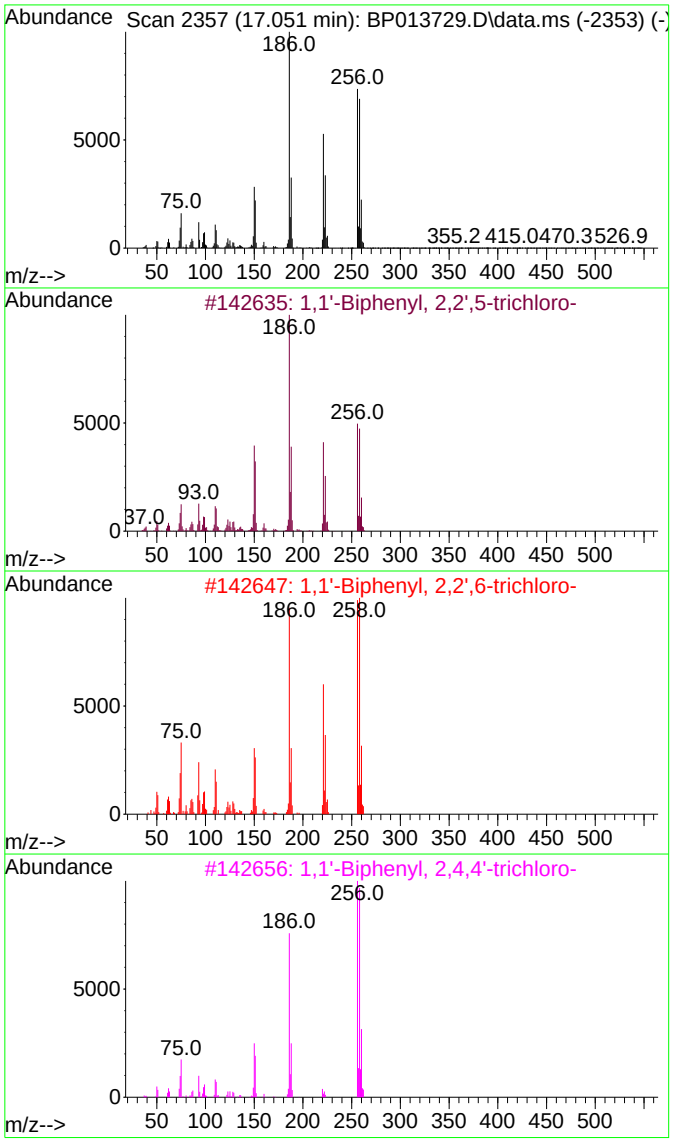
Quant Title : SVOA CALIBRATION

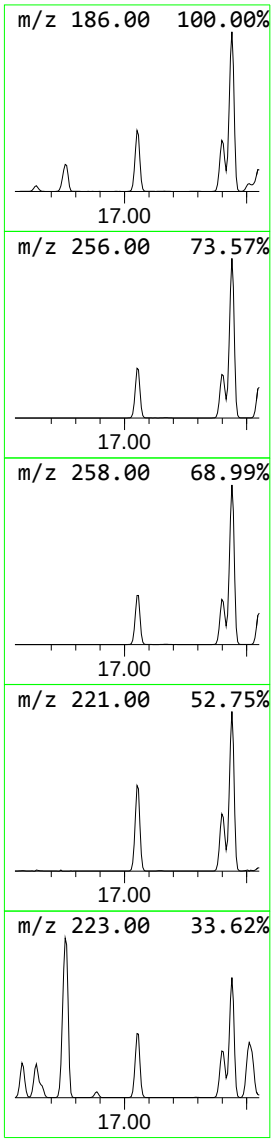
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	9.81 ng/ul	10444000	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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ALS Vial : 29 Sample Multiplier: 1

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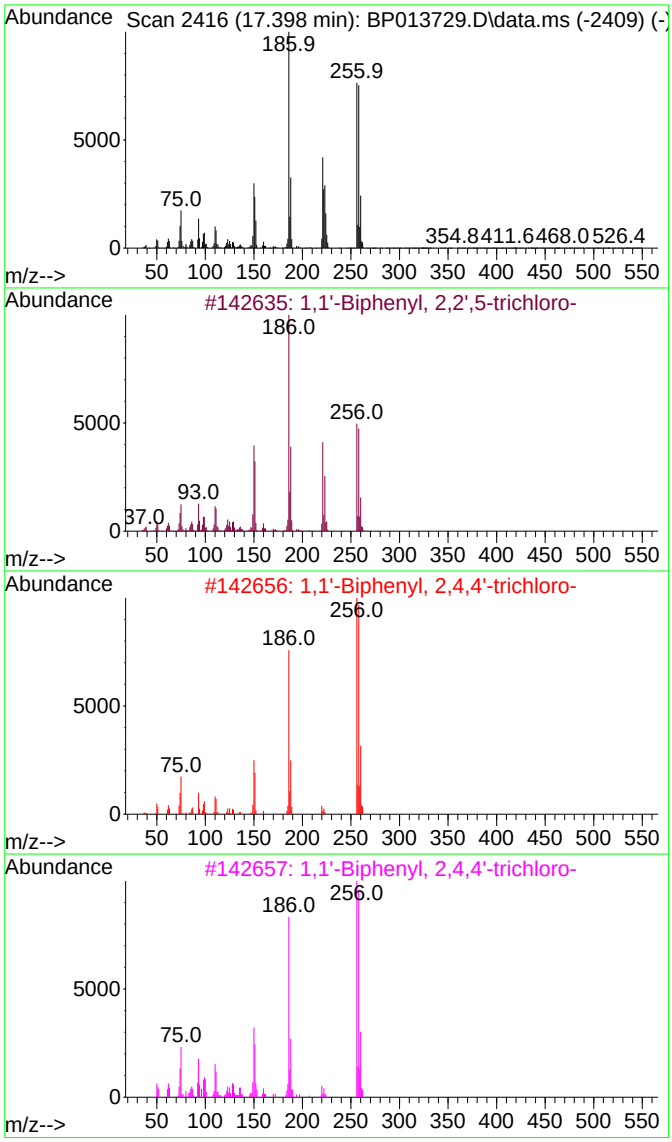
Quant Title : SVOA CALIBRATION

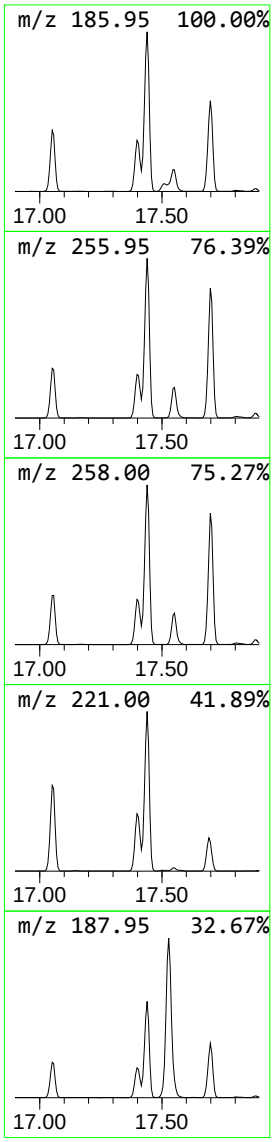
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.398	10.21 ng/ul	10863900	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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Operator : CG/JU
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ALS Vial : 29 Sample Multiplier: 1

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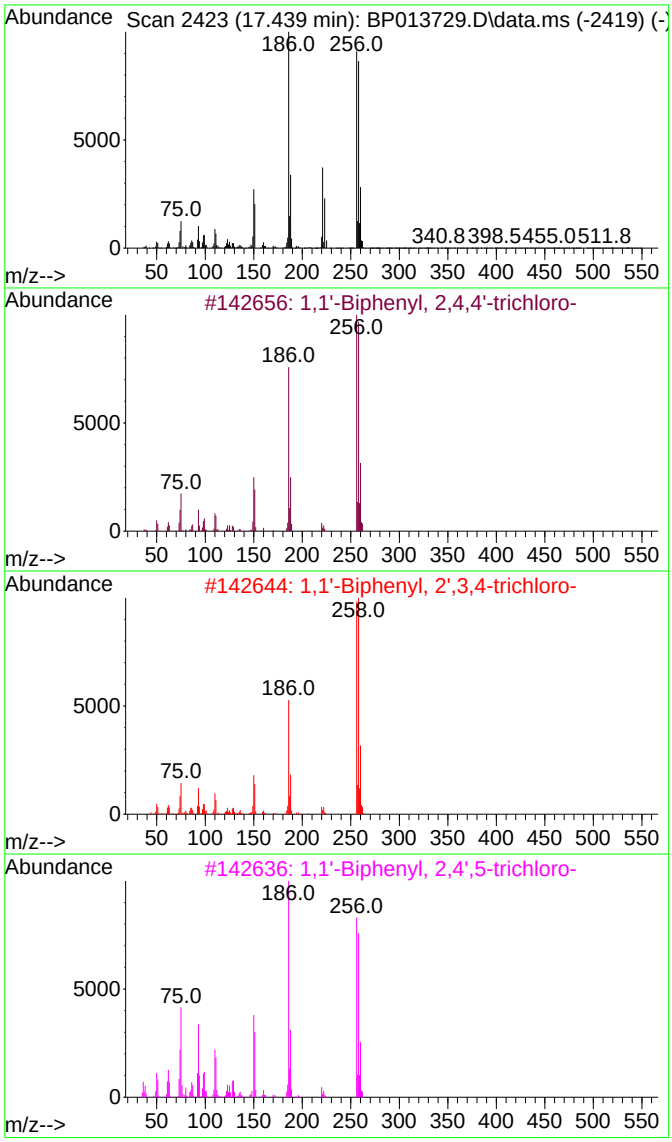
Quant Title : SVOA CALIBRATION

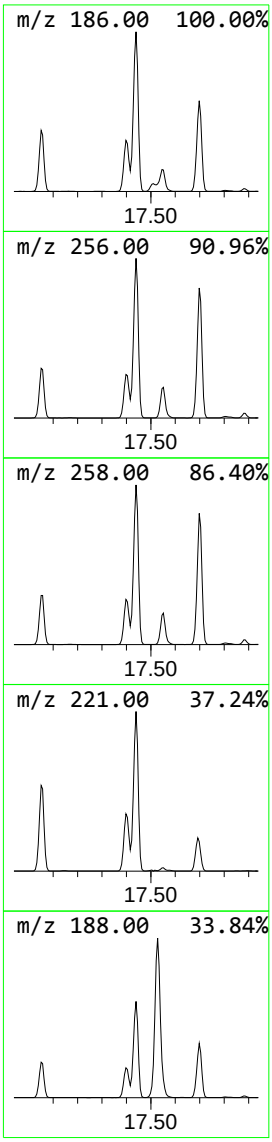
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.439	25.51 ng/ul	27159400	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

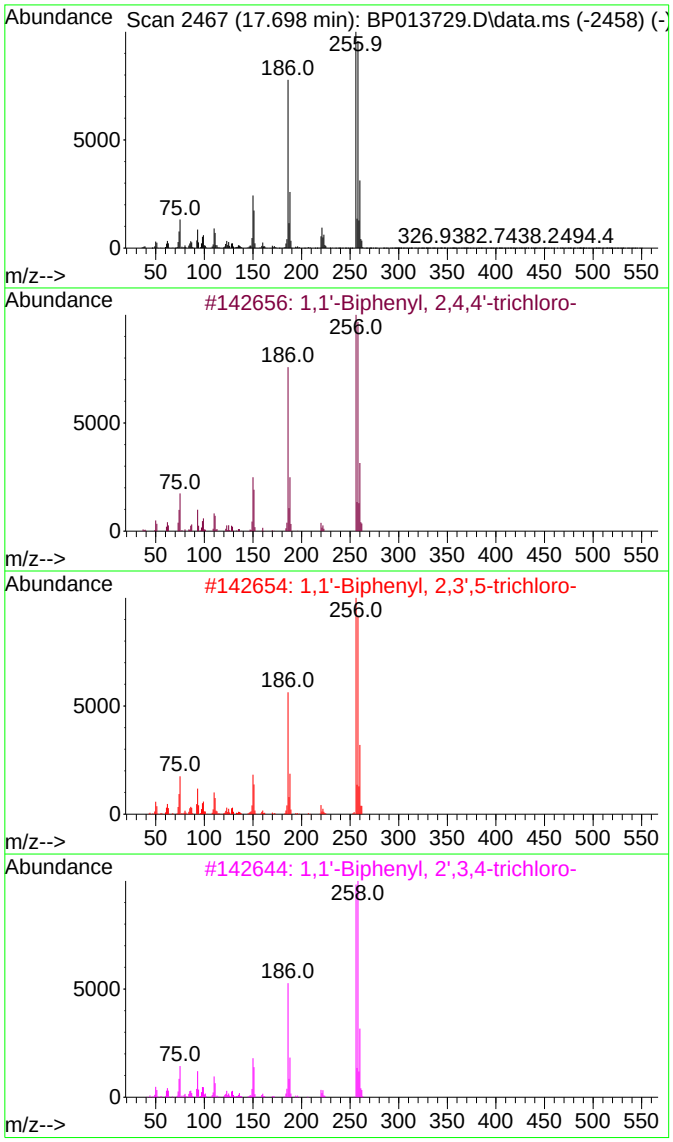
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

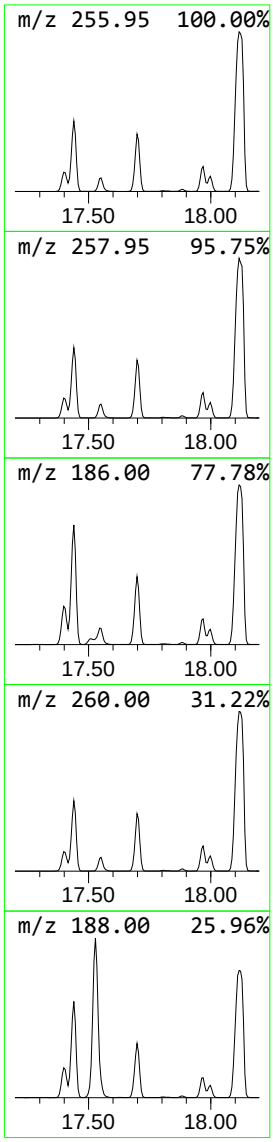
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	16.65 ng/ul	17723300	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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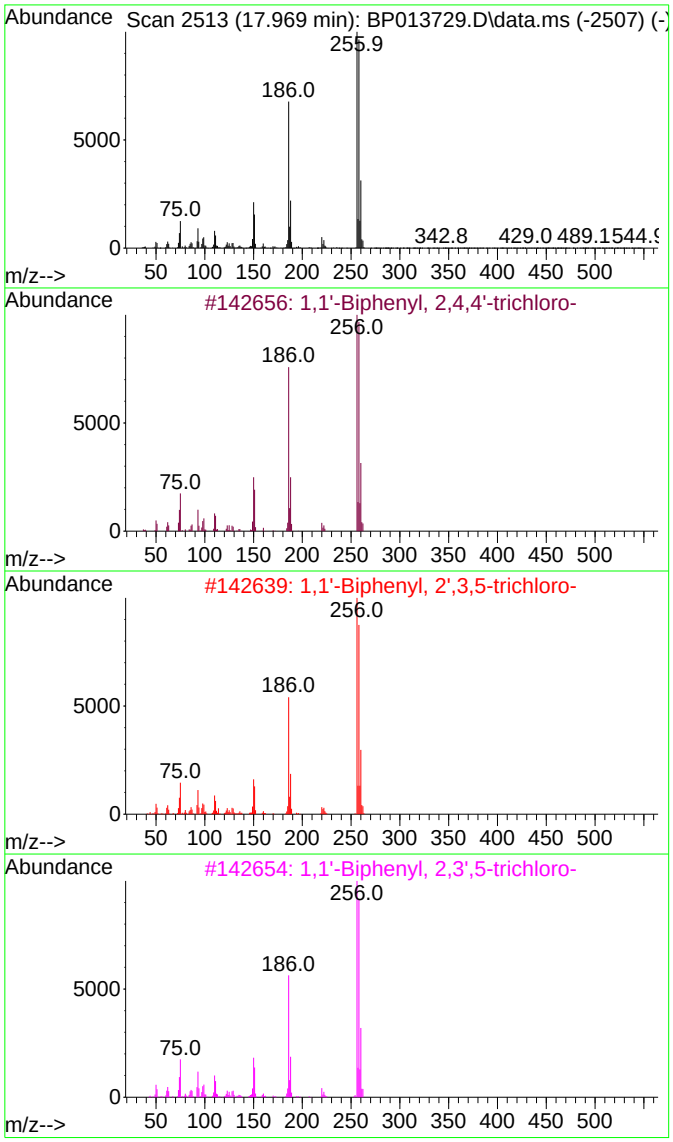
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

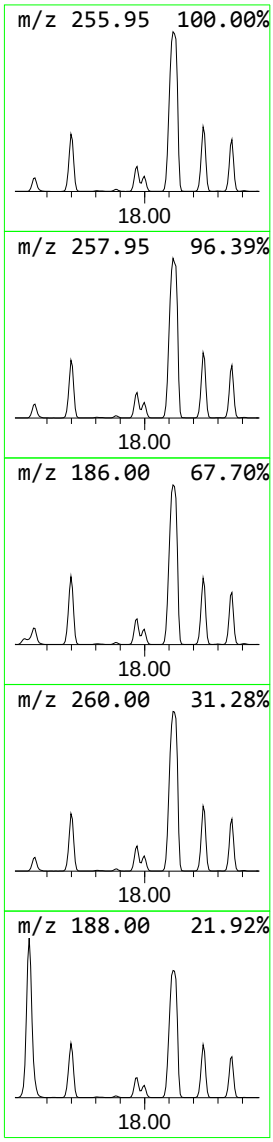
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	6.42 ng/ul	6836310	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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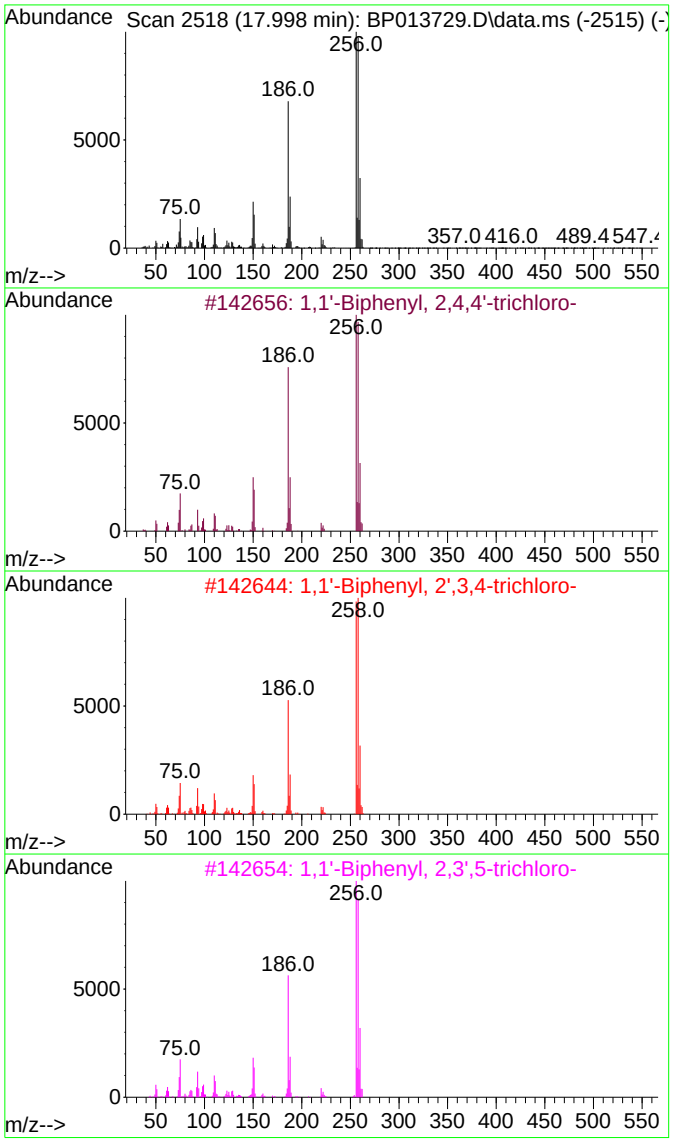
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

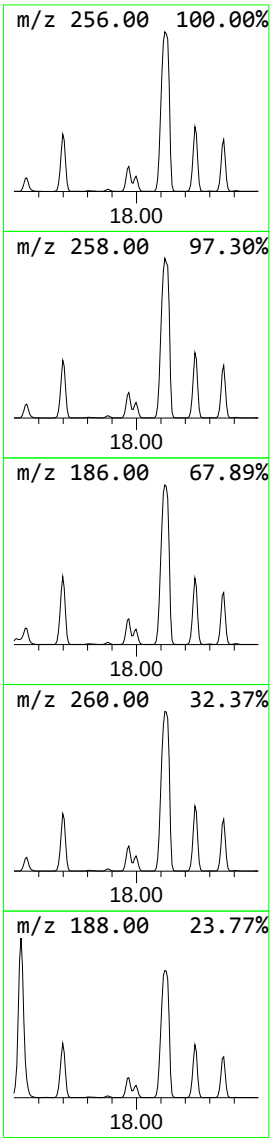
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	3.64 ng/ul	3871400	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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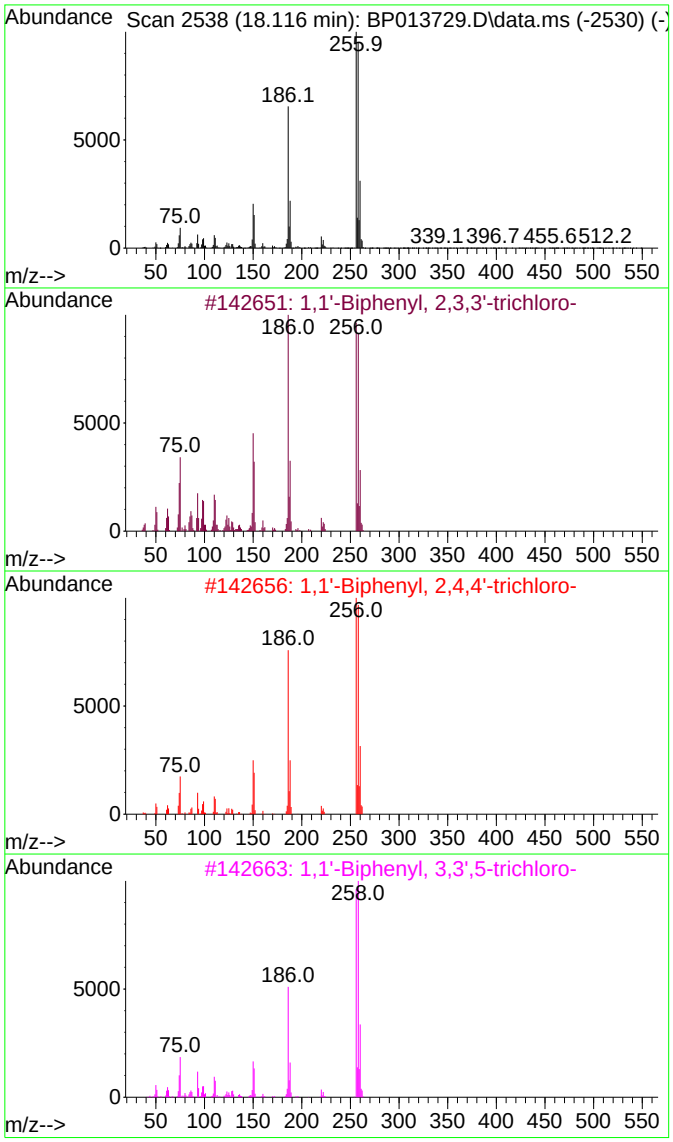
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

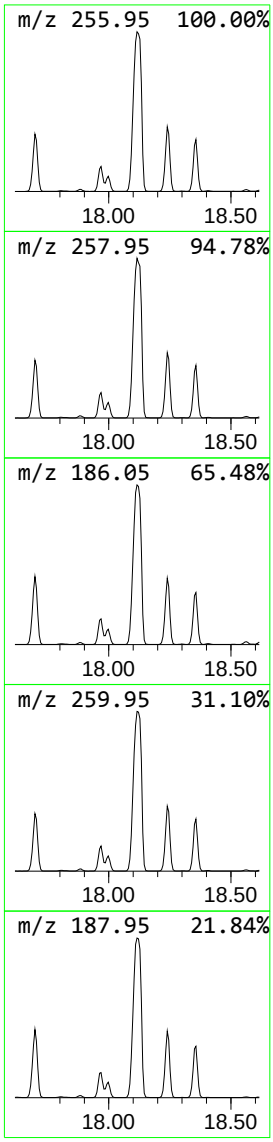
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	66.83 ng/ul	71133500	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

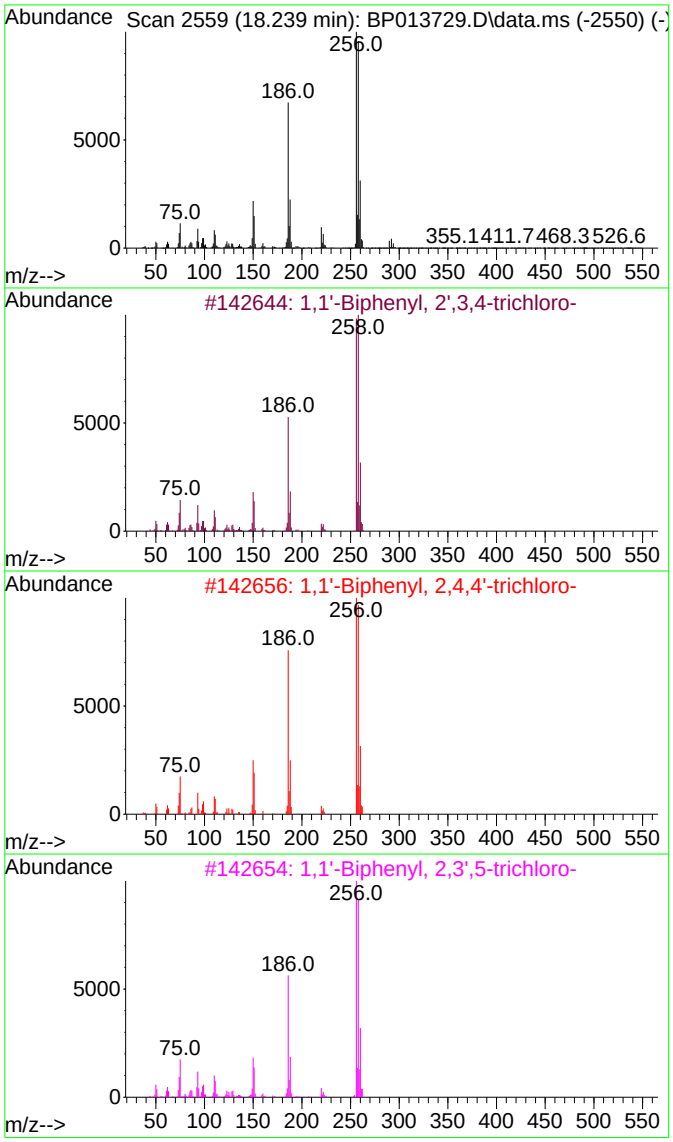
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

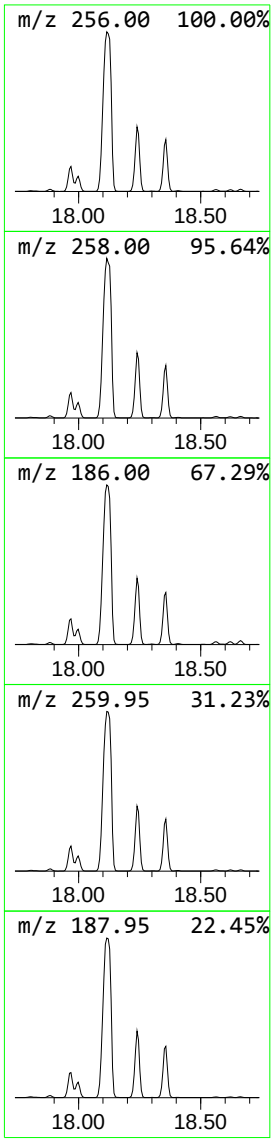
****

Peak Number 24 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	19.38 ng/ul	20633200	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

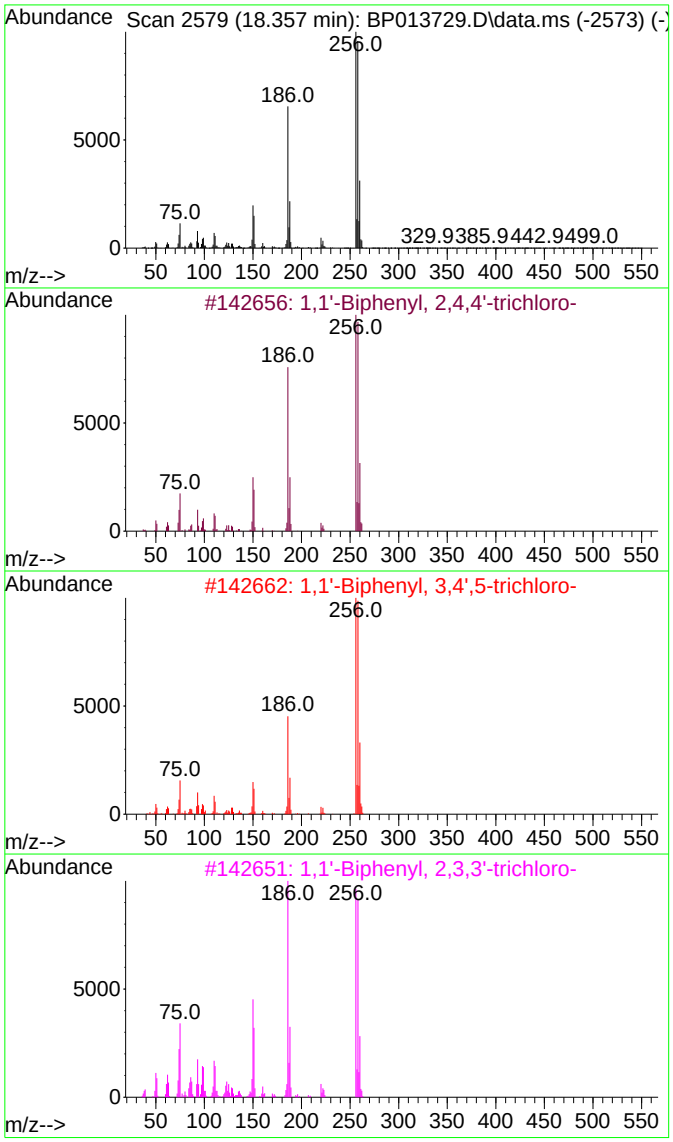
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

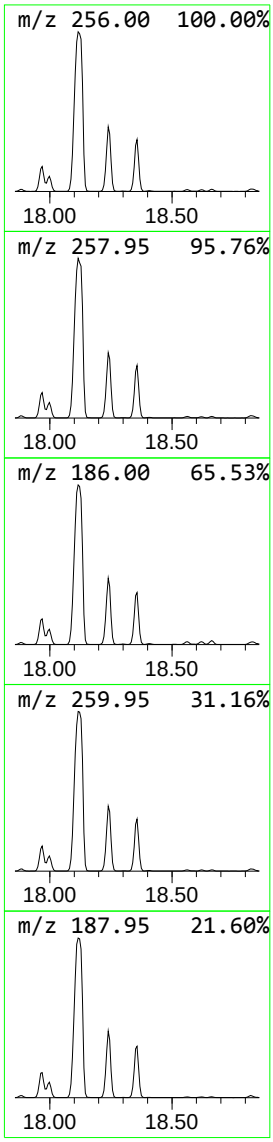
****

Peak Number 25 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	12.50 ng/ul	13309800	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

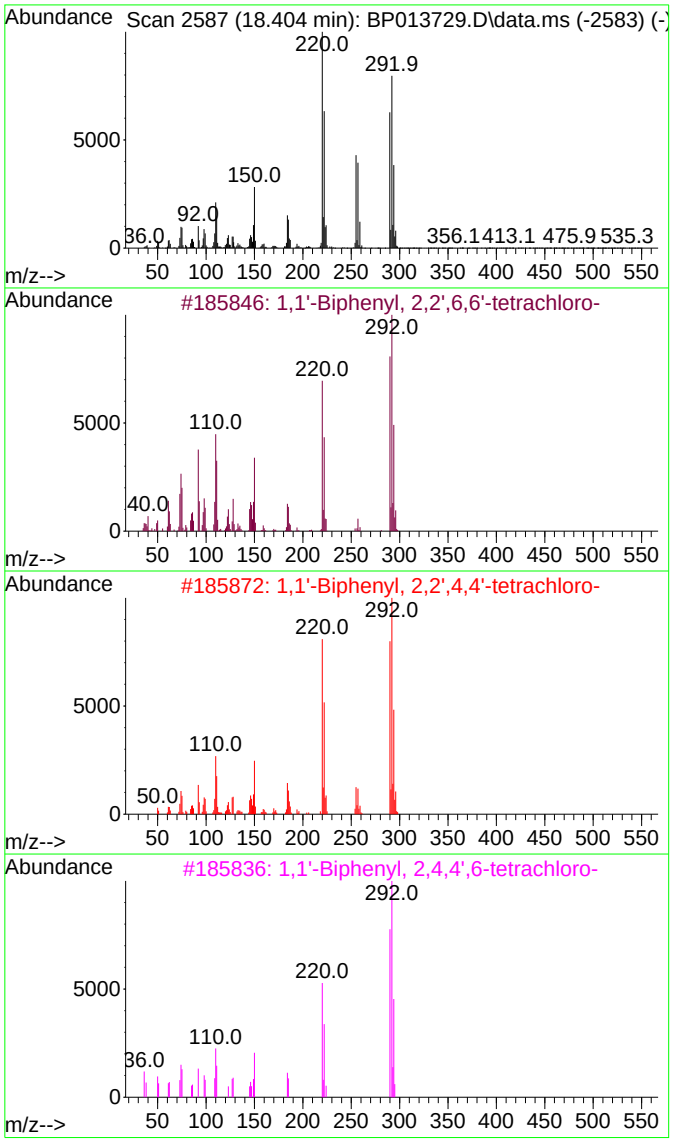
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

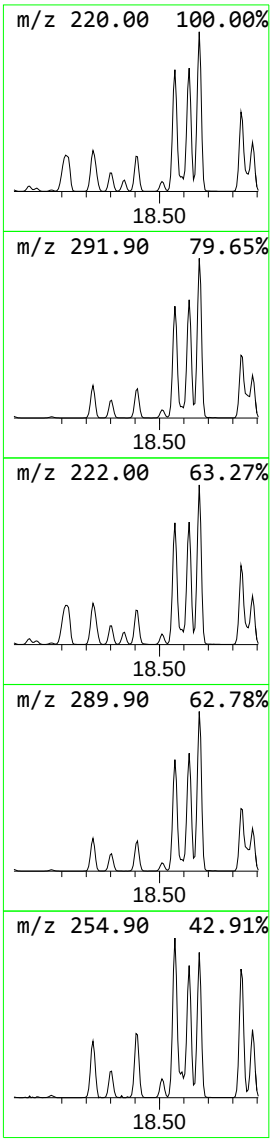
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.45 ng/ul	3667300	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	97
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	96





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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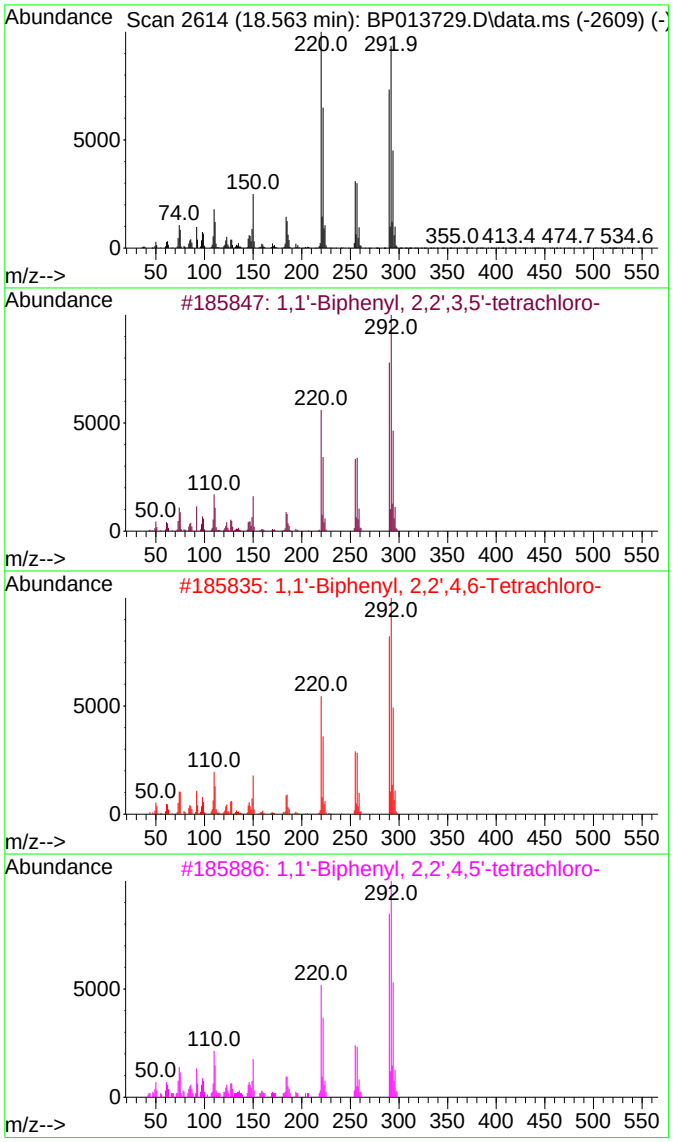
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

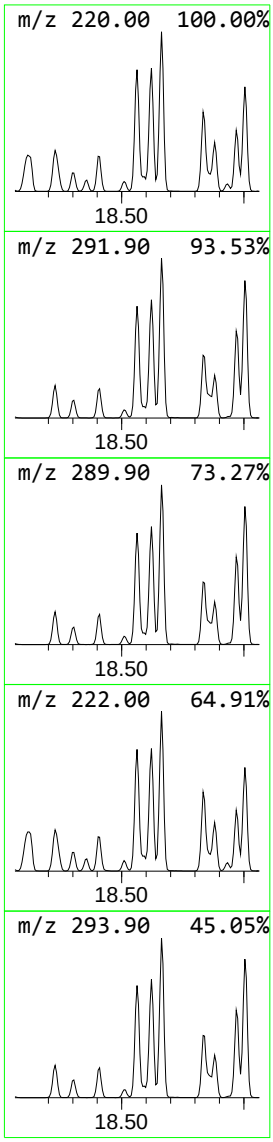
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	11.25 ng/ul	11977300	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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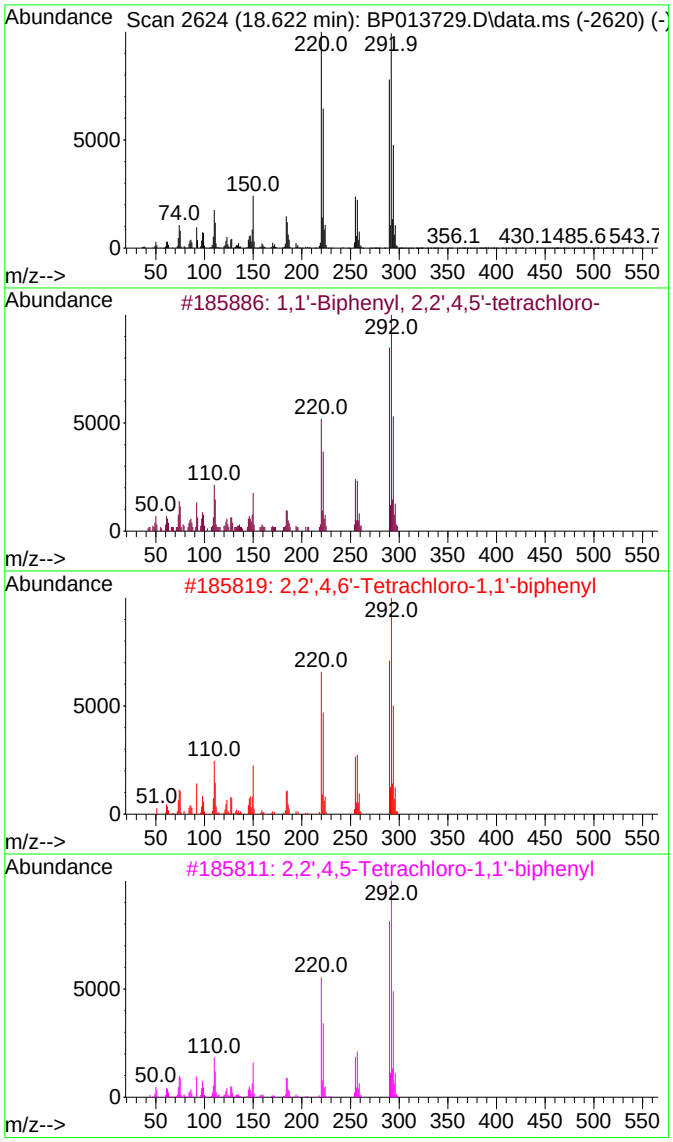
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

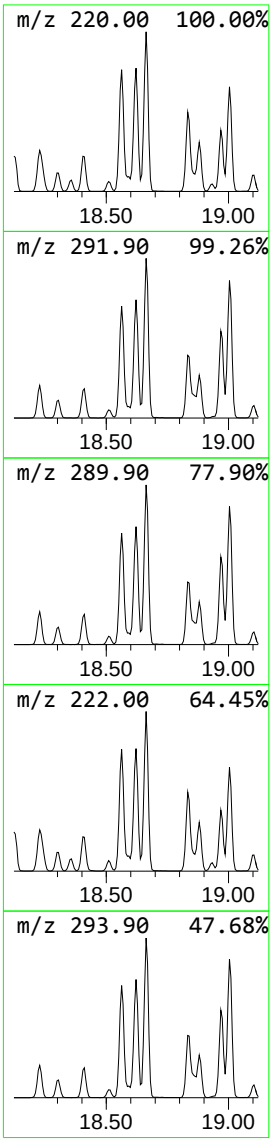
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	10.74 ng/ul	11429800	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013729.D
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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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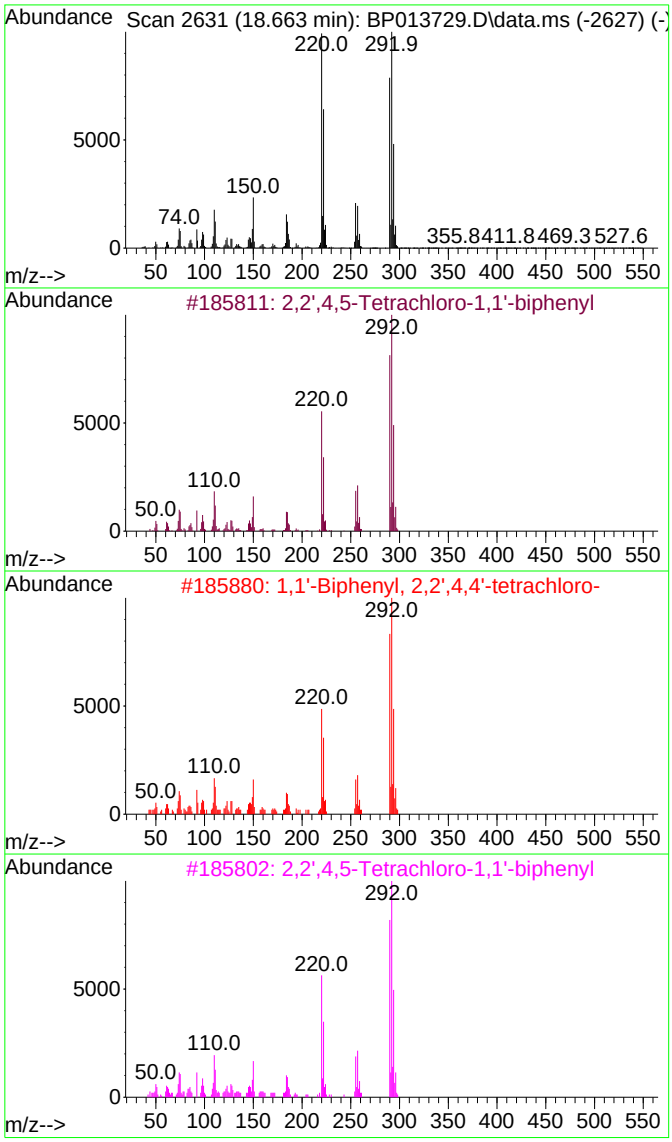
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

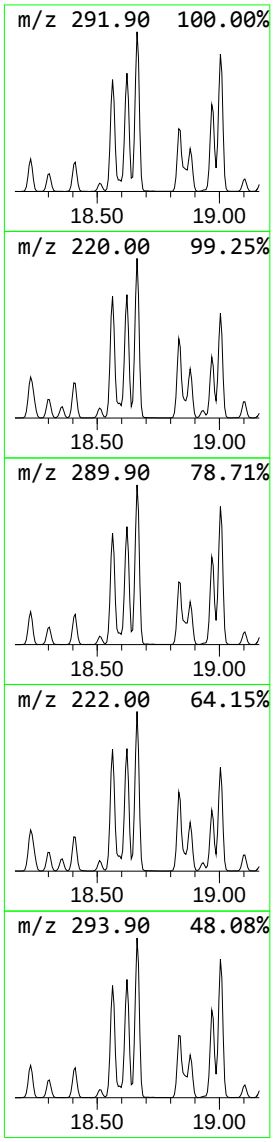
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	13.38 ng/ul	14237700	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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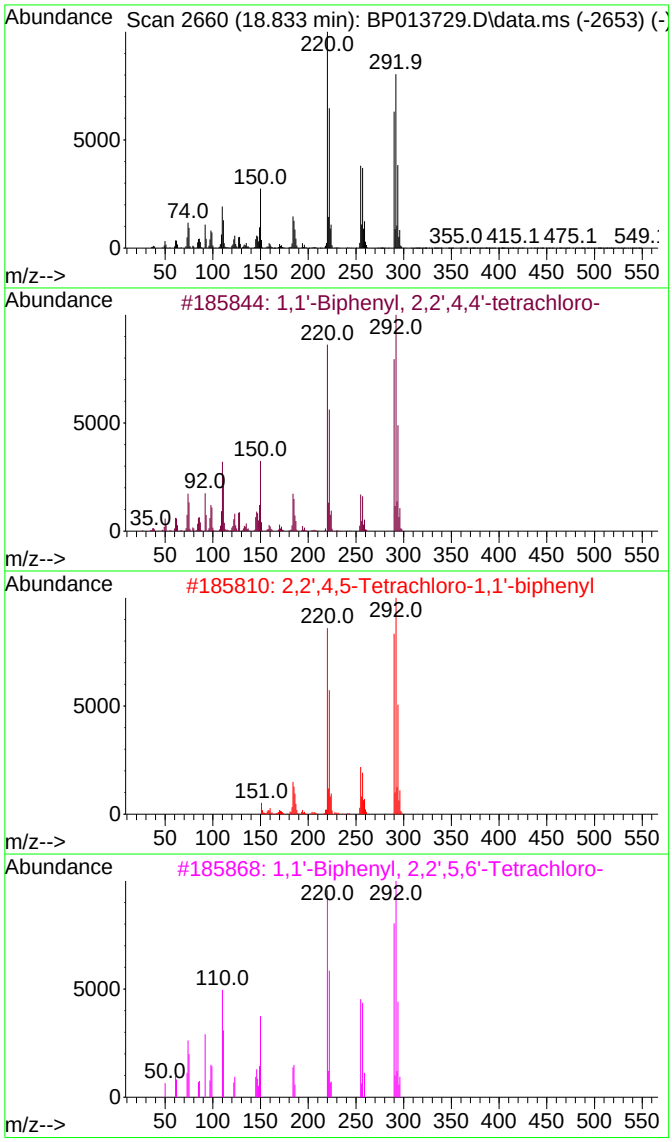
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

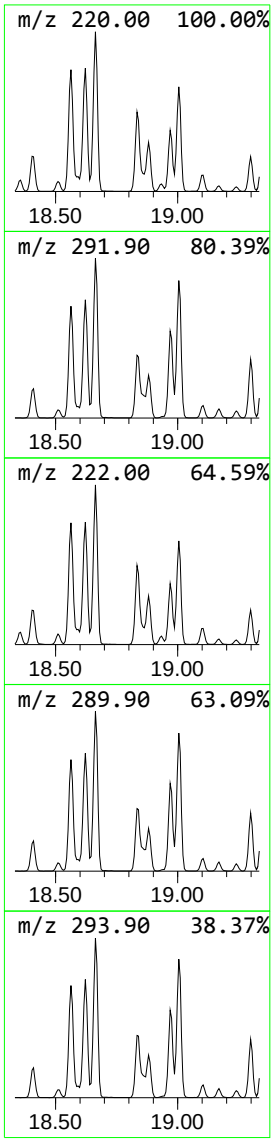
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.833	8.59 ng/ul	9145530	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

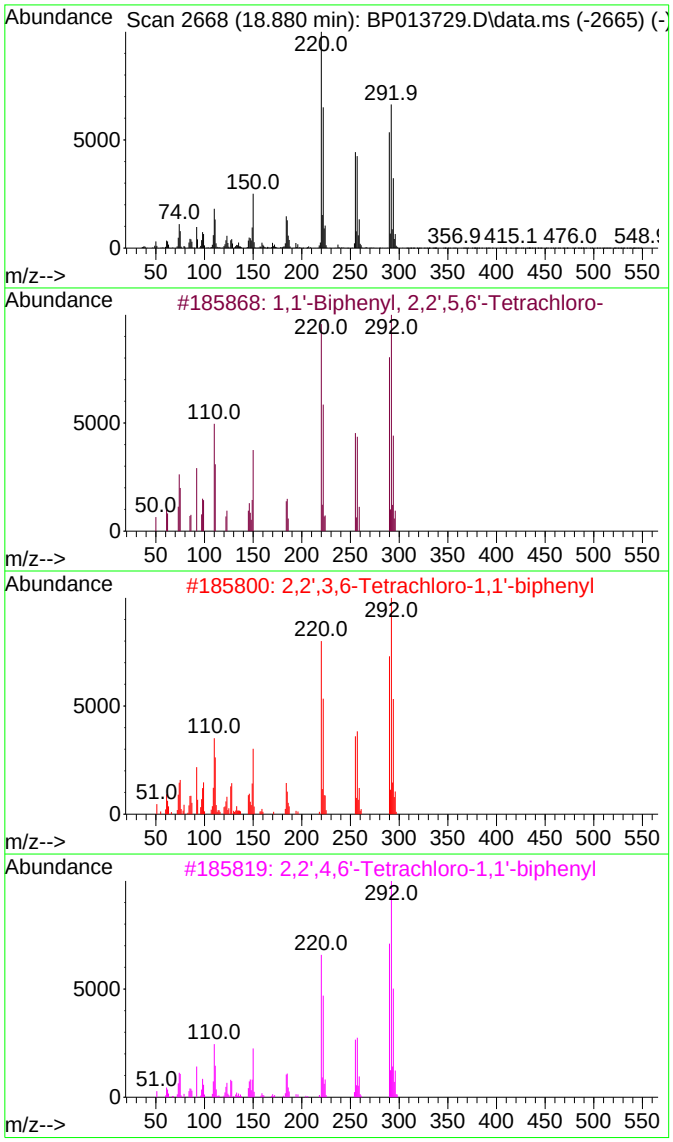
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

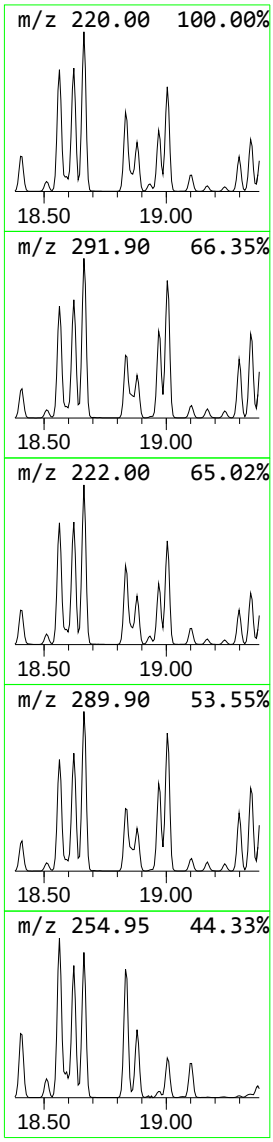
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	4.46 ng/ul	4747250	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

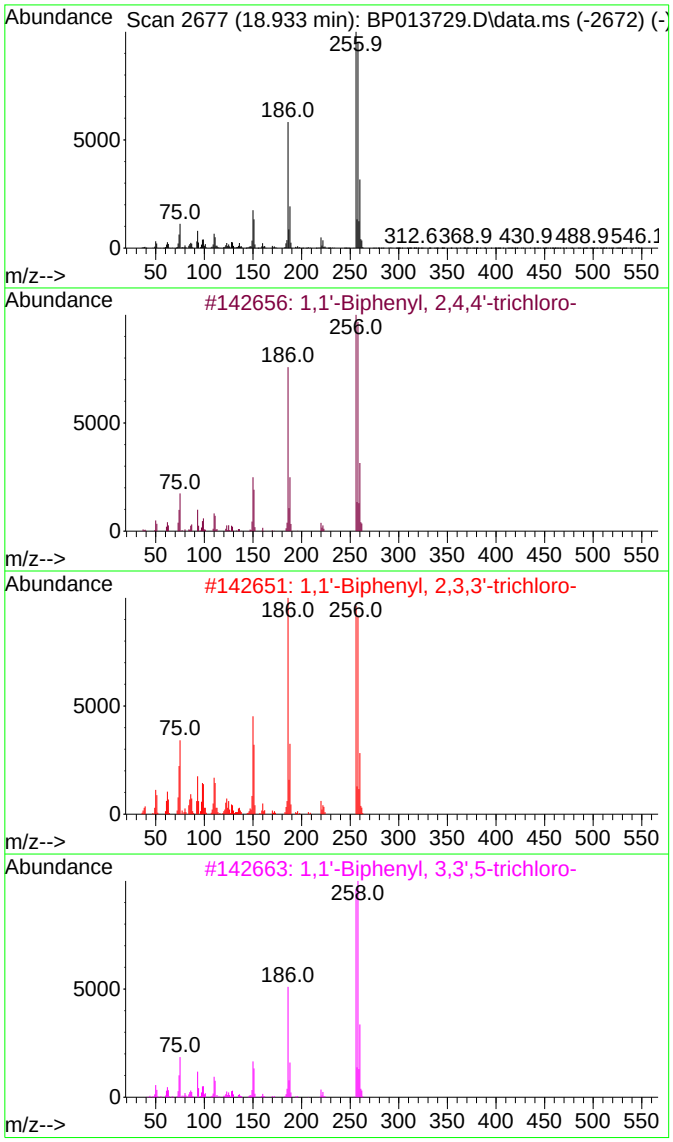
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

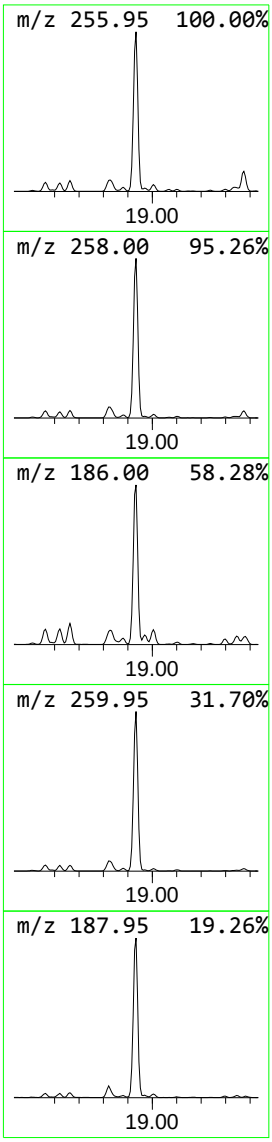
****

Peak Number 32 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	8.07 ng/ul	8588170	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

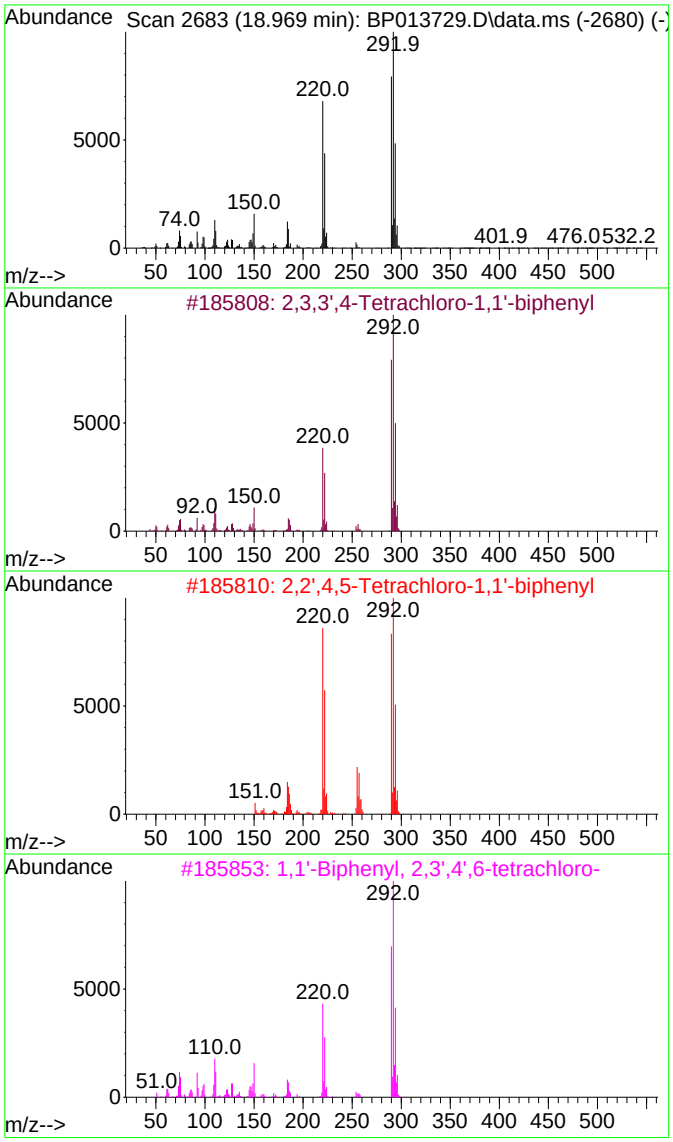
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

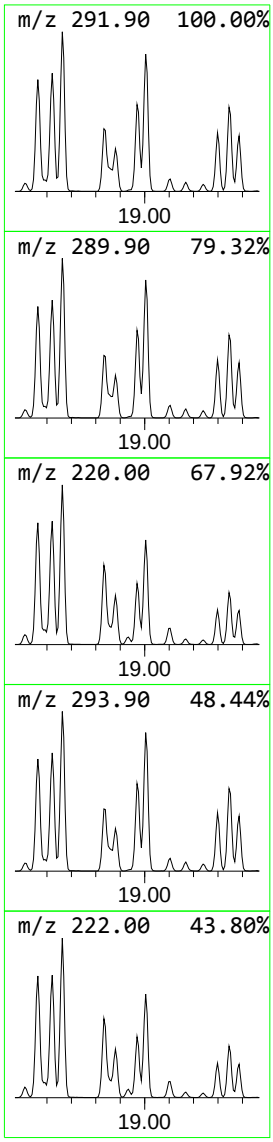
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	6.21 ng/ul	6607730	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	98
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98





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Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

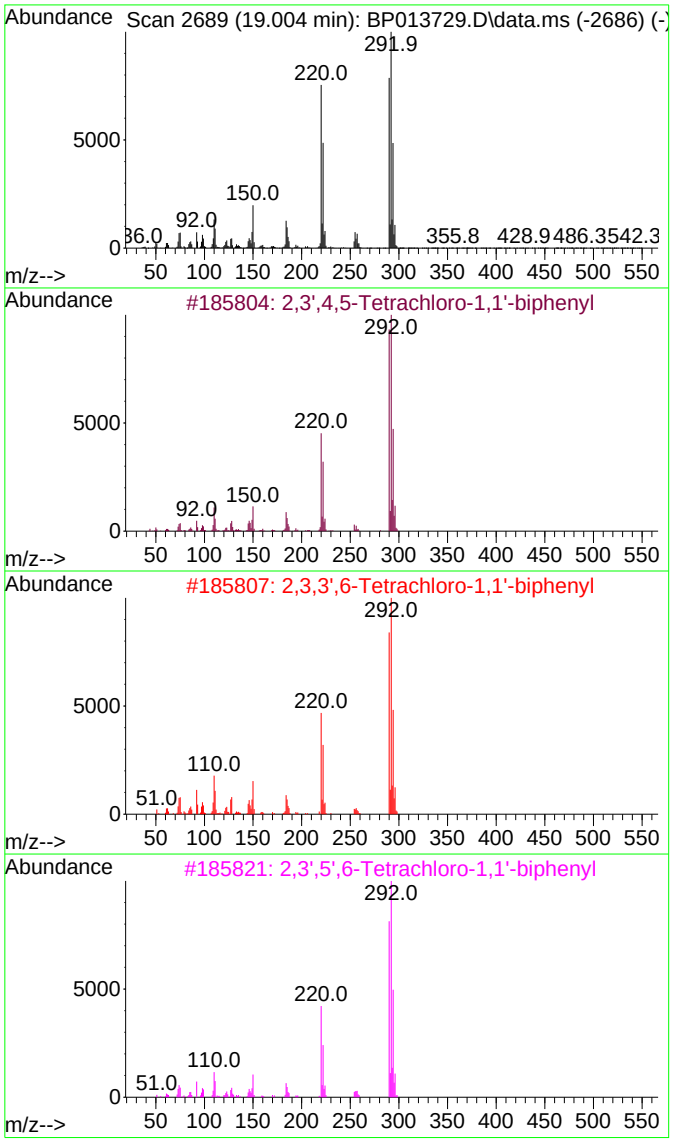
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

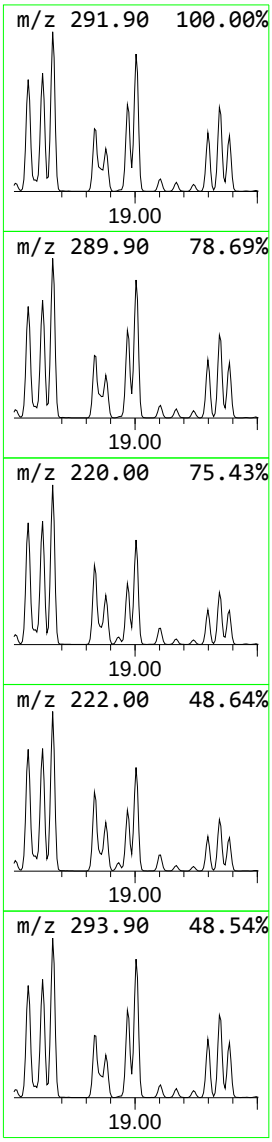
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	9.73 ng/ul	10358600	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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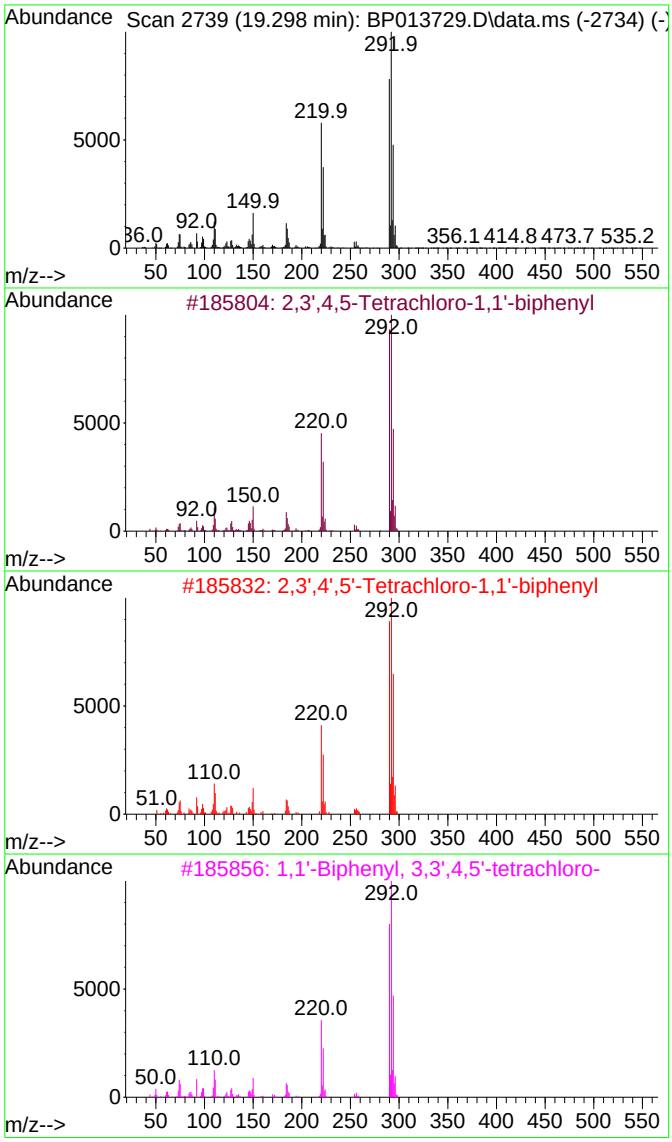
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

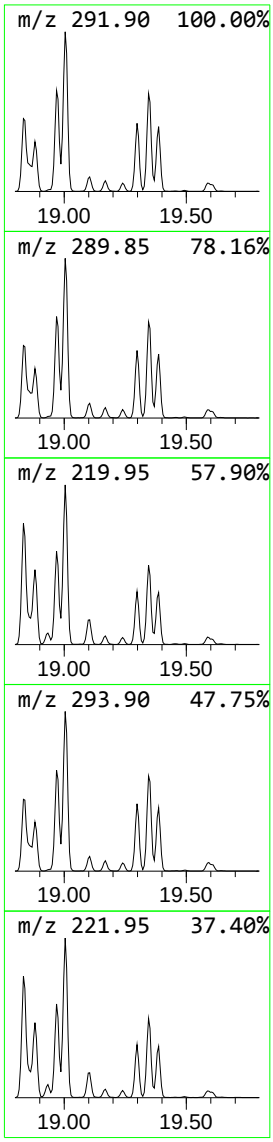
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	3.60 ng/ul	3834130	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

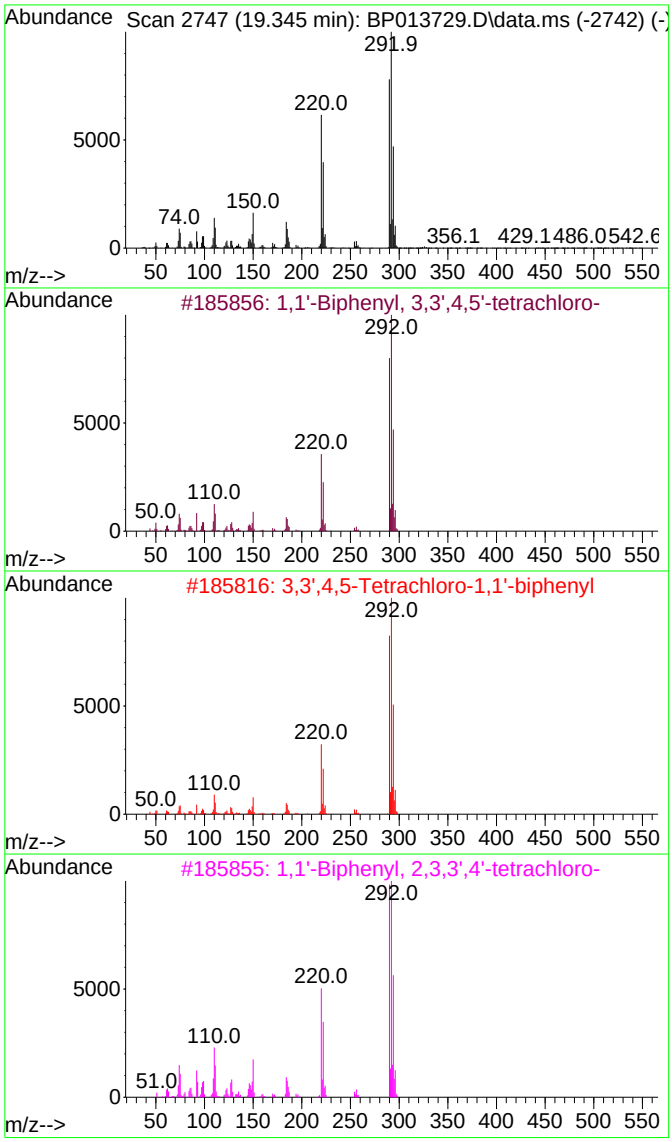
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

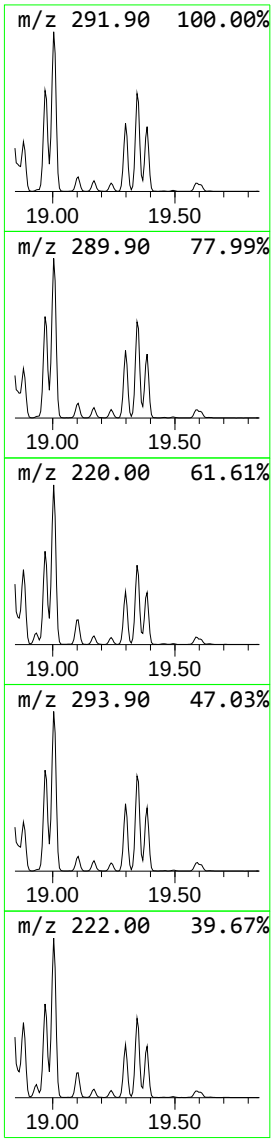
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	6.21 ng/ul	6605450	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





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Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

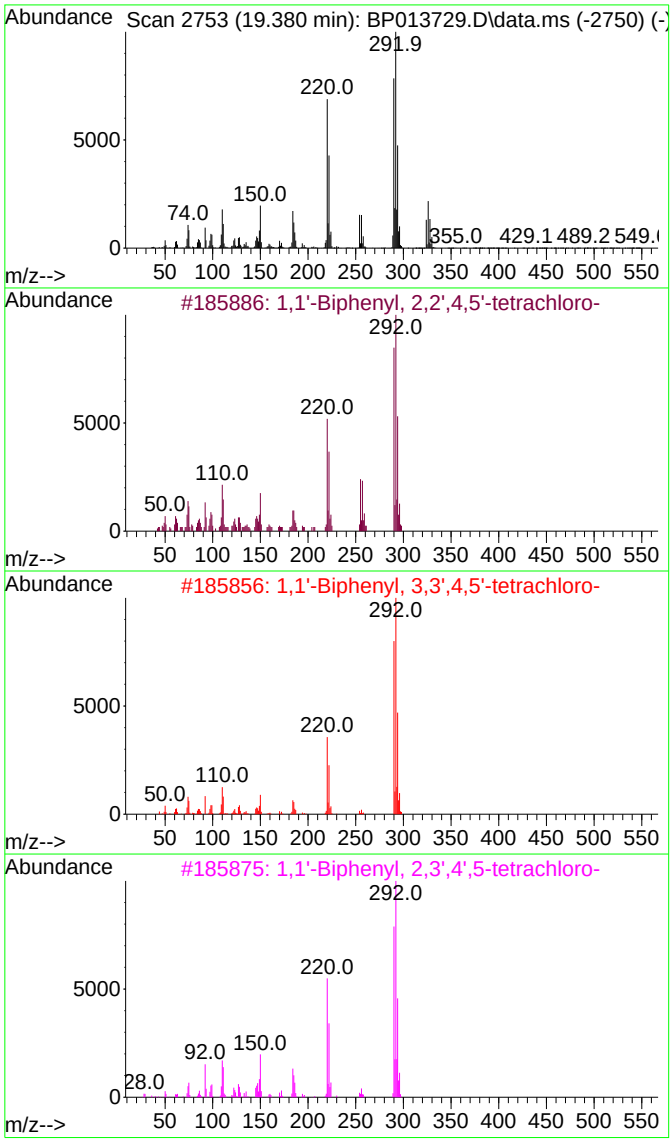
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

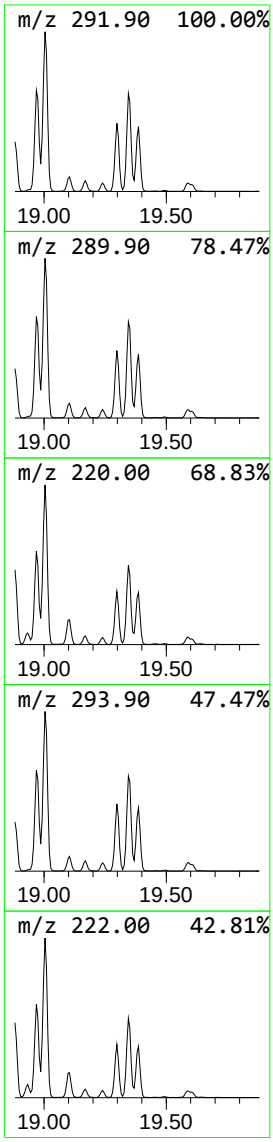
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	5.10 ng/ul	5433330	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





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Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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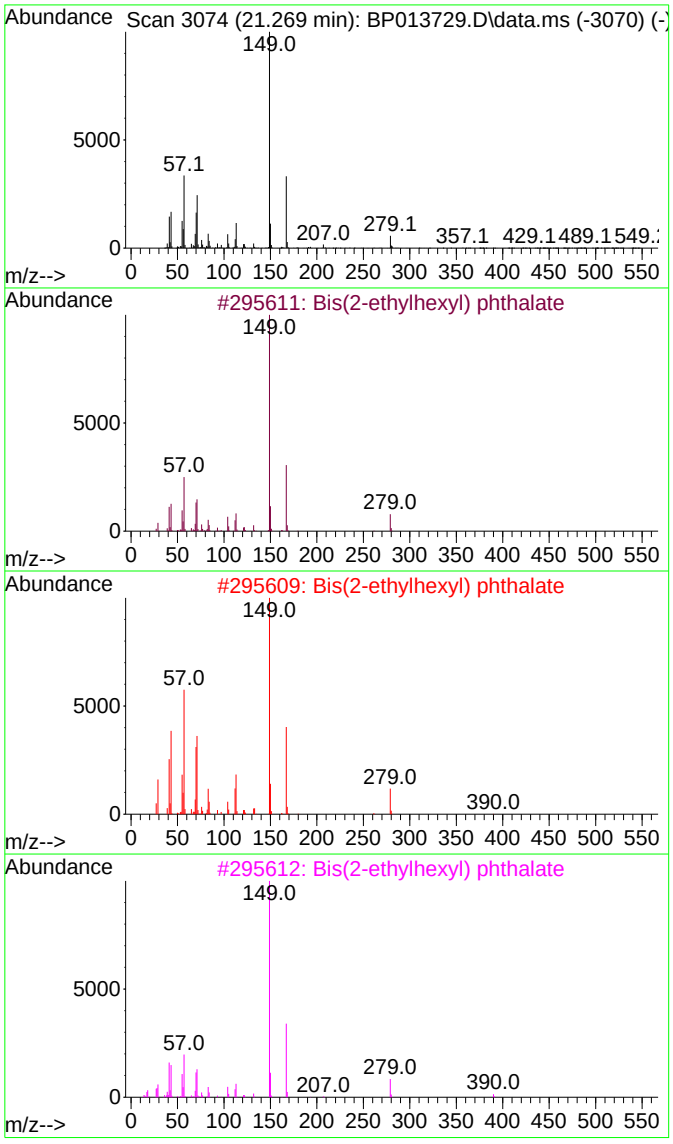
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

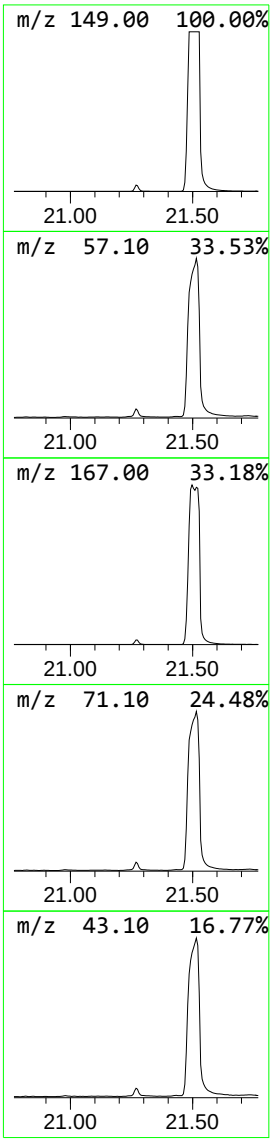
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Phthalic acid, di(6-methylh... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	5.19 ng/ul	1528420	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
5	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	80





Tentatively Identified Compound (LSC) summary

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Data File : BP013729.D
Acq On : 03 Feb 2023 02:19
Operator : CG/JU
Sample : 01362-15
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4489

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.222	7.8	ng/ul	909051	1	8.134	2344920	20.0
(DEL) Alkane: C...	3.305	2.6	ng/ul	310745	1	8.134	2344920	20.0
(DEL) Alkane: S...	3.399	53.5	ng/ul	6275840	1	8.134	2344920	20.0
(DEL) Alkane: C...	3.752	2.1	ng/ul	242322	1	8.134	2344920	20.0
(DEL) Alkane: S...	13.181	2.1	ng/ul	893511	3	14.769	8646890	20.0
1,1'-Biphenyl, ...	14.887	13.0	ng/ul	5605820	3	14.769	8646890	20.0
4-Ethylbiphenyl	15.592	16.3	ng/ul	7065020	3	14.769	8646890	20.0
9H-Fluorene, 9,...	15.716	19.1	ng/ul	8264240	3	14.769	8646890	20.0
9H-Fluorene, 9-...	15.975	30.1	ng/ul	13023300	3	14.769	8646890	20.0
1,1'-Biphenyl, ...	16.039	181.9	ng/ul	78627700	3	14.769	8646890	20.0
1,1'-Biphenyl, ...	16.481	3.7	ng/ul	3932090	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	16.639	10.3	ng/ul	10988500	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	16.763	46.4	ng/ul	49406100	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.051	9.8	ng/ul	10444000	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.398	10.2	ng/ul	10863900	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.439	25.5	ng/ul	27159400	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.698	16.6	ng/ul	17723300	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.969	6.4	ng/ul	6836310	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	17.998	3.6	ng/ul	3871400	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.116	66.8	ng/ul	71133500	4	17.528	21289400	20.0
unknown-01	18.239	19.4	ng/ul	20633200	4	17.528	21289400	20.0
unknown-02	18.357	12.5	ng/ul	13309800	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.404	3.5	ng/ul	3667300	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.563	11.3	ng/ul	11977300	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.622	10.7	ng/ul	11429800	4	17.528	21289400	20.0
2,2',4,5-Tetrac...	18.663	13.4	ng/ul	14237700	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.833	8.6	ng/ul	9145530	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	18.880	4.5	ng/ul	4747250	4	17.528	21289400	20.0
unknown-03	18.933	8.1	ng/ul	8588170	4	17.528	21289400	20.0
2,3,3',4-Tetrac...	18.969	6.2	ng/ul	6607730	4	17.528	21289400	20.0
2,3',4,5-Tetrac...	19.004	9.7	ng/ul	10358600	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	19.298	3.6	ng/ul	3834130	4	17.528	21289400	20.0
3,3',4,5-Tetrac...	19.345	6.2	ng/ul	6605450	4	17.528	21289400	20.0
1,1'-Biphenyl, ...	19.380	5.1	ng/ul	5433330	4	17.528	21289400	20.0
Phthalic acid, ...	21.269	5.2	ng/ul	1528420	5	21.598	5893490	20.0