LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

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-BP010523.M
Title : SVOA CALIBRATION

Signal : TIC: BP013531.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	299	305	315	rBV2	151011	343191	0.35%	0.032%
2	7.057	652	658	664	rBV	1235973	1981920	1.99%	0.182%
3	7.110	664	667	676	rVB	117302	186761	0.19%	0.017%
4	7.228	680	687	699	rVB	949344	1492969	1.50%	0.137%
5	7.428	714	721	729	rVB	1276607	1986705	2.00%	0.183%
6	7.787	776	782	788	rVV	93133	157874	0.16%	0.015%
7	7.899	792	801	805	rVV	1712712	2943401	2.96%	0.271%
8	7.934	805	807	816	rVV2	585047	824104	0.83%	0.076%
9	8.116	833	838	844	rBV	91510	148928	0.15%	0.014%
10	8.557	904	913	916	rBV2	89054	185296	0.19%	0.017%
11	8.610	916	922	934	rVB	1484022	2315132	2.33%	0.213%
12	8.728	937	942	946	rBV	93277	151067	0.15%	0.014%
13	9.063	993	999	1006	rVV	1107299	1833688	1.84%	0.169%
14	9.463	1062	1067	1072	rVB3	108468	177911	0.18%	0.016%
15	9.587	1083	1088	1092	rVB	89708	130289	0.13%	0.012%
16	9.787	1113	1122	1134	rBV	932727	1591489	1.60%	0.146%
17	10.098	1166	1175	1182	rBV2	138650	269372	0.27%	0.025%
18	10.169	1182	1187	1191	rVV	103479	156450	0.16%	0.014%
19	10.328	1208	1214	1223	rVV	1484575	2416039	2.43%	0.222%
20	10.669	1265	1272	1273	rBV	126581	168154	0.17%	0.015%
21	10.710	1273	1279	1286	rVB	2133382	3541260	3.56%	0.326%
22	10.851	1295	1303	1311	rBV	593419	1018643	1.02%	0.094%
23	11.710	1444	1449	1454	rVB2	92591	144444	0.15%	0.013%
24	12.116	1511	1518	1522	rBV3	124723	213561	0.21%	0.020%
25	12.269	1537	1544	1550	rVV3	109169	223678	0.23%	0.021%
26	12.469	1569	1578	1581	rBV3	294469	628796	0.63%	0.058%
27	12.504	1581	1584	1593	rVB	190123	336275	0.34%	0.031%
28	12.651	1603	1609	1615	rVV	191558	305926	0.31%	0.028%
29	12.792	1628	1633	1634	rBV	151894	215499	0.22%	0.020%
30	12.810	1634	1636	1639	rVV	181098	202388	0.20%	0.019%
31	12.892	1644	1650	1655	rVV	5665946	7544217	7.59%	0.694%
32	12.951	1655	1660	1664	rVV	8145068	10584954	10.65%	0.973%
33	13.004	1664	1669	1671	rVV	1262495	1903123	1.91%	0.175%
34	13.034	1671	1674	1686	rVB	2284311	3011190	3.03%	0.277%
35	13.128	1686	1690	1694	rBV	163884	205887	0.21%	0.019%
36	13.187	1694	1700	1703	rBV	5462515	7479705	7.53%	0.688%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

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-BP010523.M
Title : SVOA CALIBRATION

37	13.216	1703	1705	1710	rVV	2640838	3234860	3.25%	0.297%
38	13.269	1710	1714	1722	rVV	2191144	2915138	2.93%	0.268%
39	13.357	1722	1729	1735	rVV2	8754472	14851938	14.94%	1.366%
40	13.410	1735	1738	1747	rVB	3308573	4178953	4.20%	0.384%
41	13.598	1764	1770	1774	rVB6	77313	144872	0.15%	0.013%
42	13.951	1821	1830	1846	rBV	1636184	3342269	3.36%	0.307%
43	14.239	1873	1879	1882	rBV	2751799	4179549	4.21%	0.384%
44	14.269	1882	1884	1889	rVB	896099	1142750	1.15%	0.105%
45	14.434	1907	1912	1919	rBV	833197	1110317	1.12%	0.102%
46	14.569	1919	1935	1942	rBV2	38997318	78628010	79.11%	7.231%
47	14.628	1942	1945	1948	rVV	2275441	3371186	3.39%	0.310%
48	14.663	1948	1951	1961	rVB	1416045	2343169	2.36%	0.215%
49	14.745	1961	1965	1973	rBV	775991	1012394	1.02%	0.093%
50	14.834	1976	1980	1983	rBV3	188015	305204	0.31%	0.028%
51	14.998	2004	2008	2012	rVV	406236	536464	0.54%	0.049%
52	15.063	2015	2019	2023	rVV	199305	280028	0.28%	0.026%
53	15.257	2048	2052	2059	rVB6	144691	260958	0.26%	0.024%
54	15.328	2059	2064	2067	rBV2	480185	942518	0.95%	0.087%
55	15.386	2067	2074	2087	rBV	5286398	15088609	15.18%	1.388%
56	15.498	2087	2093	2104	rBV2	6975049	24000924	24.15%	2.207%
57	15.598	2104	2110	2131	rVB2	13241586	48081432	48.38%	4.422%
58	15.763	2131	2138	2141	rBV	9503026	20850710	20.98%	1.917%
59	15.833	2142	2150	2154	rBV3	36209638	94978385	95.56%	8.734%
60	16.063	2181	2189	2197	rBV6	1039096	4246449	4.27%	0.391%
61	16.157	2198	2205	2208	rBV2	45075603	99387350	100.00%	9.140%
62	16.281	2223	2226	2233	rVB	2701060	3965502	3.99%	0.365%
63	16.375	2236	2242	2248	rVV	9426754	17534680	17.64%	1.613%
64	16.445	2248	2254	2262	rVV4	7208729	19472192	19.59%	1.791%
65	16.551	2266	2272	2289	rVV3	22924566	59435117	59.80%	5.466%
66	16.680	2289	2294	2306	rVB	2405655	4800504	4.83%	0.441%
67	16.845	2311	2322	2328	rBV2	2580070	7099016	7.14%	0.653%
68	16.910	2328	2333	2345	rVB2	2394042	5476647	5.51%	0.504%
69	17.004	2345	2349	2354	rBV2	177048	324582	0.33%	0.030%
70	17.104	2360	2366	2373	rVB5	412607	901133	0.91%	0.083%
71	17.192	2373	2381	2384	rBV	14046237	29402195	29.58%	2.704%
72	17.316	2395	2402	2414	rVB3	7659959	22885546	23.03%	2.105%
73	17.416	2414	2419	2425	rVV2	1684463	3477550	3.50%	0.320%
74	17.486	2425	2431	2447	rVB	9191943	23216575	23.36%	2.135%
75	17.645	2453	2458	2473	rVB	1245892	3321569	3.34%	0.305%
76	17.763	2473	2478	2481	rBV	2639518	5004134	5.03%	0.460%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

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-BP010523.M
Title : SVOA CALIBRATION

77	17.916	2495	2504	2518	rBV	23799020	71980656	72.42%	6.619%
78	18.033	2518	2524	2539	rVB2	10691210	26106725	26.27%	2.401%
79	18.157	2539	2545	2550	rBV	5341257	11487999	11.56%	1.056%
80	18.316	2567	2572	2575	rBV2	657855	1240220	1.25%	0.114%
81	18.363	2575	2580	2586	rVV	6871067	14570565	14.66%	1.340%
82	18.422	2586	2590	2593	rVV	5471293	10011658	10.07%	0.921%
83	18.463	2593	2597	2612	rVB	5099246	12305631	12.38%	1.132%
84	18.639	2621	2627	2632	rBV2	6370902	14343077	14.43%	1.319%
85	18.739	2640	2644	2647	rBV	1999430	3472805	3.49%	0.319%
86	18.810	2652	2656	2666	rVB	4761537	10049014	10.11%	0.924%
87	18.904	2667	2672	2681	rVB4	1523387	3189070	3.21%	0.293%
88	19.022	2689	2692	2698	rBV3	446341	861553	0.87%	0.079%
89	19.104	2702	2706	2710	rVV	1750852	3307377	3.33%	0.304%
90	19.157	2710	2715	2718	rVV	3206542	7067279	7.11%	0.650%
91	19.192	2718	2721	2735	rVB	3562970	8035750	8.09%	0.739%
92	19.369	2746	2751	2753	rBV	1916960	3042824	3.06%	0.280%
93	19.651	2793	2799	2808	rBV	2225117	6255210	6.29%	0.575%
94	19.974	2850	2854	2859	rBV	693407	1253571	1.26%	0.115%
95	21.110	3038	3047	3063	rBV	13733653	83828784	84.35%	7.709%
96	21.292	3073	3078	3081	rBV3	33769367	68935838	69.36%	6.339%
97	21.610	3130	3132	3134	rBV	3925276	3489651	3.51%	0.321%
98	21.633	3134	3136	3142	rVB	6131200	6828185	6.87%	0.628%
99	21.757	3155	3157	3161	rVB	3515772	3798485	3.82%	0.349%
100	22.563	3290	3294	3303	rVB	12643166	19205444	19.32%	1.766%

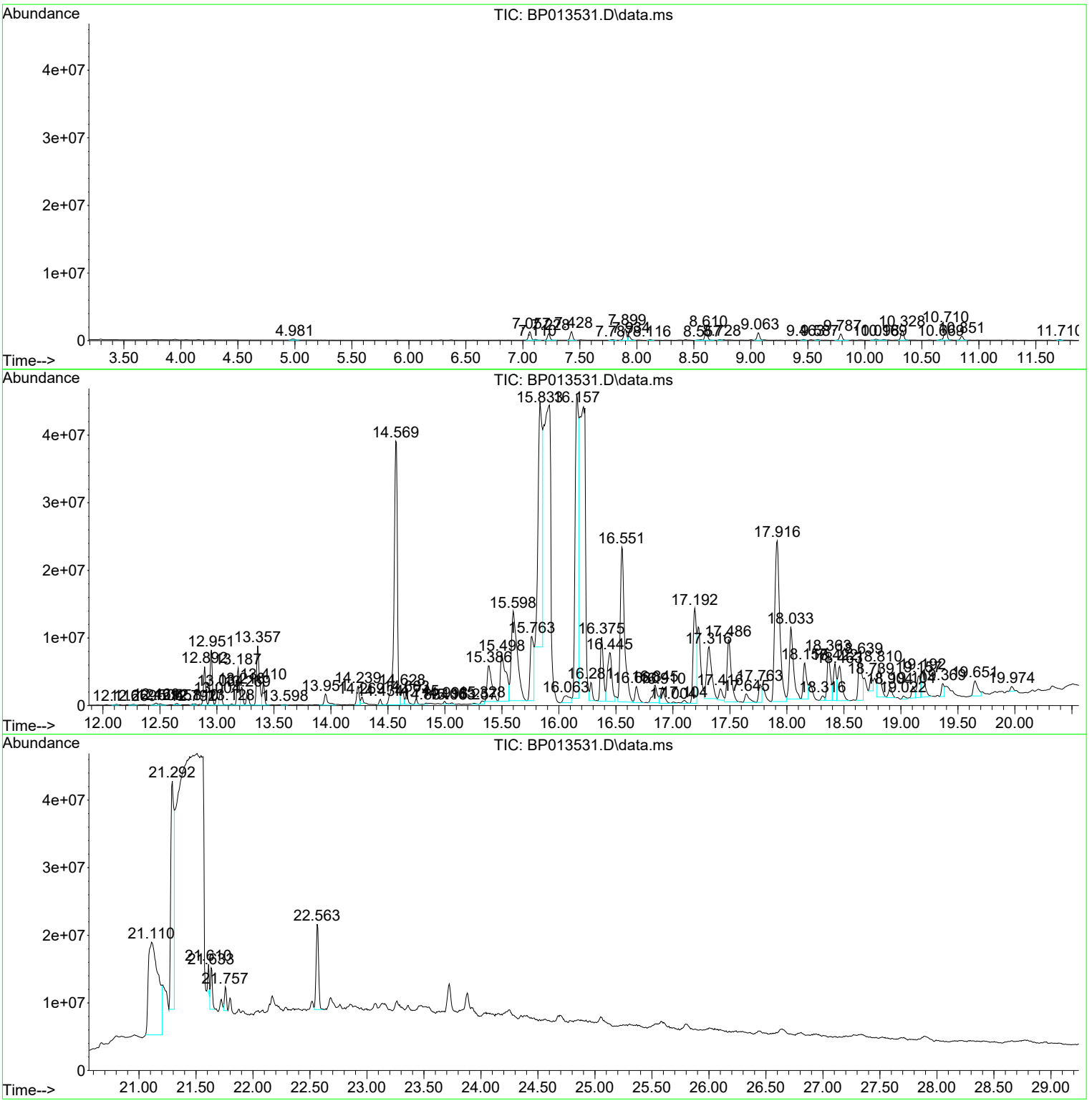
Sum of corrected areas: 1087419035

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

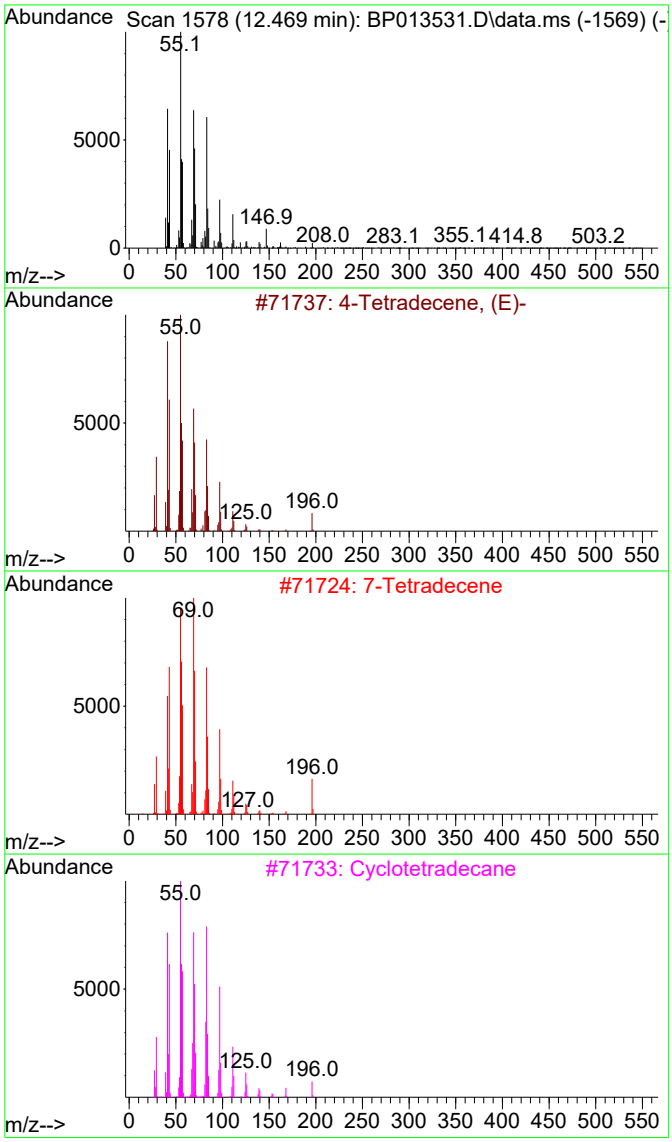
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

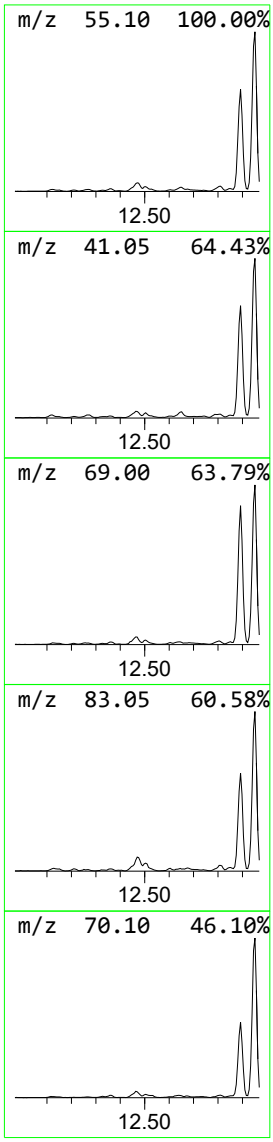
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.55 ng/ul	628796	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecene, (E)-	196	C14H28	041446-78-0	86
2	7-Tetradecene	196	C14H28	010374-74-0	76
3	Cyclotetradecane	196	C14H28	000295-17-0	70
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	62
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

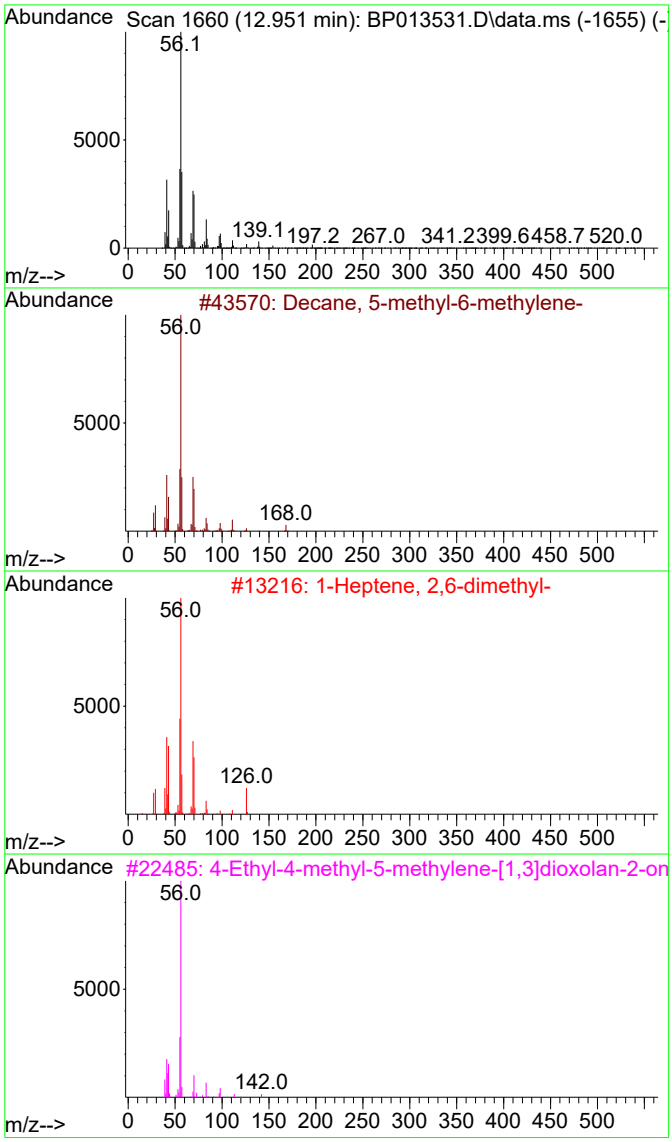
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

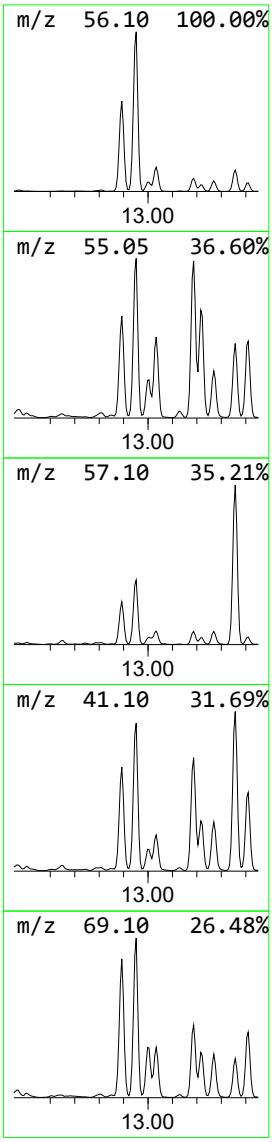
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	2.69 ng/ul	10585000	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	87
2	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	64
3	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	64
4	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
5	1-Octene, 2-methyl-	126	C9H18	004588-18-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

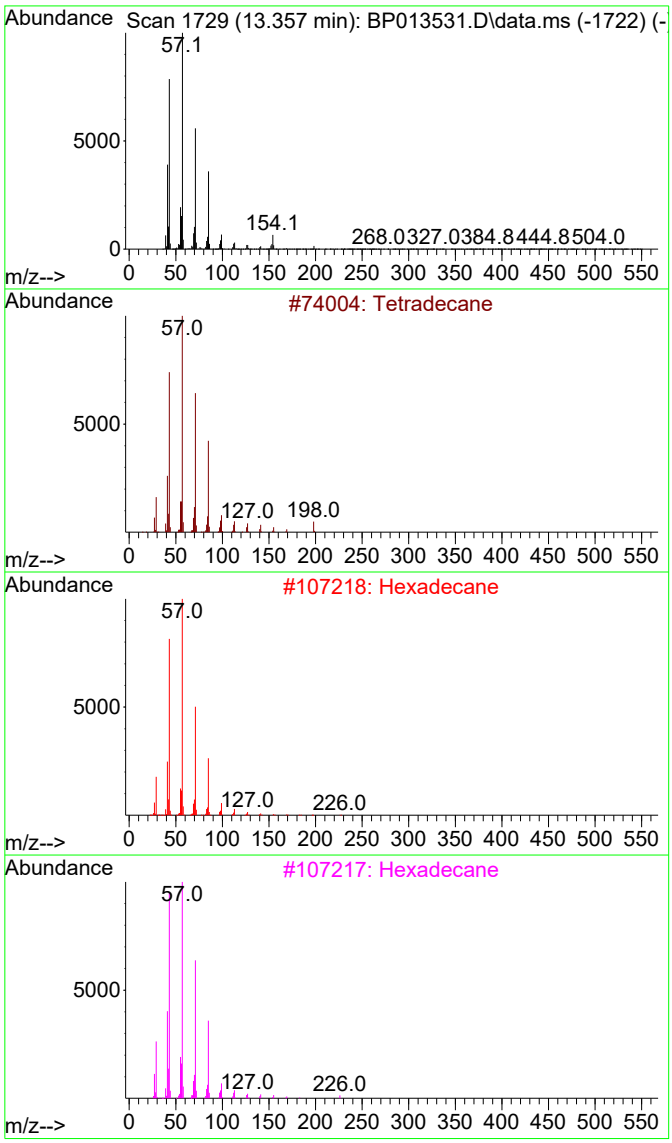
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

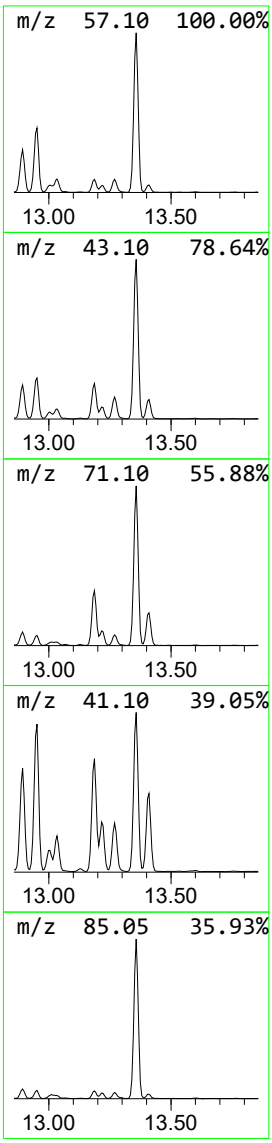
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	3.78 ng/ul	14851900	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

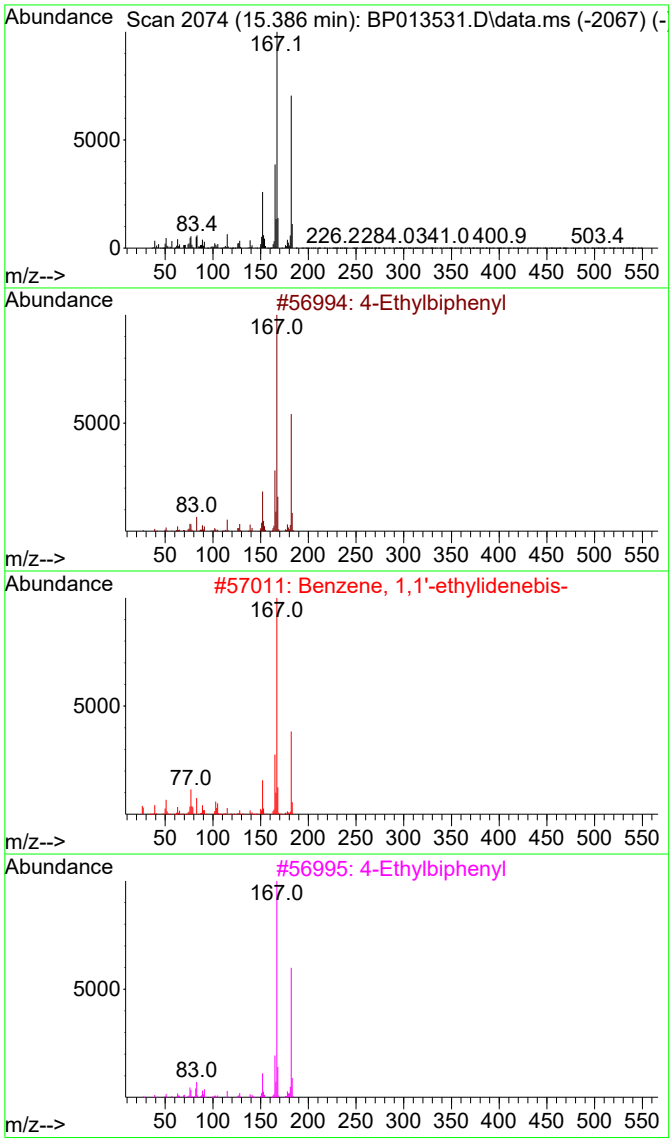
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

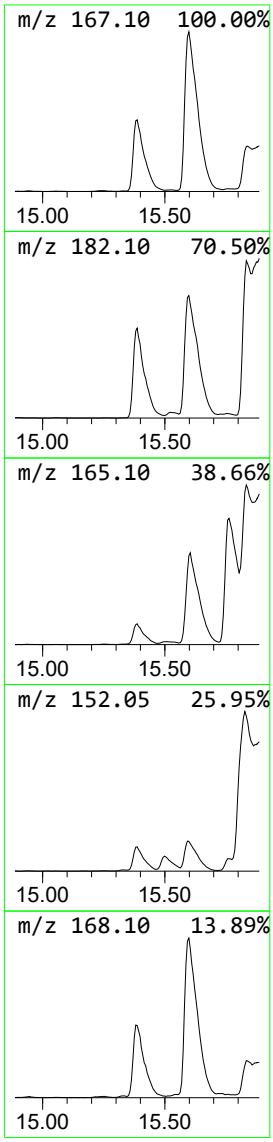
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Ethylbiphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	3.84 ng/ul	15088600	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	93
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	90
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	87
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	83
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

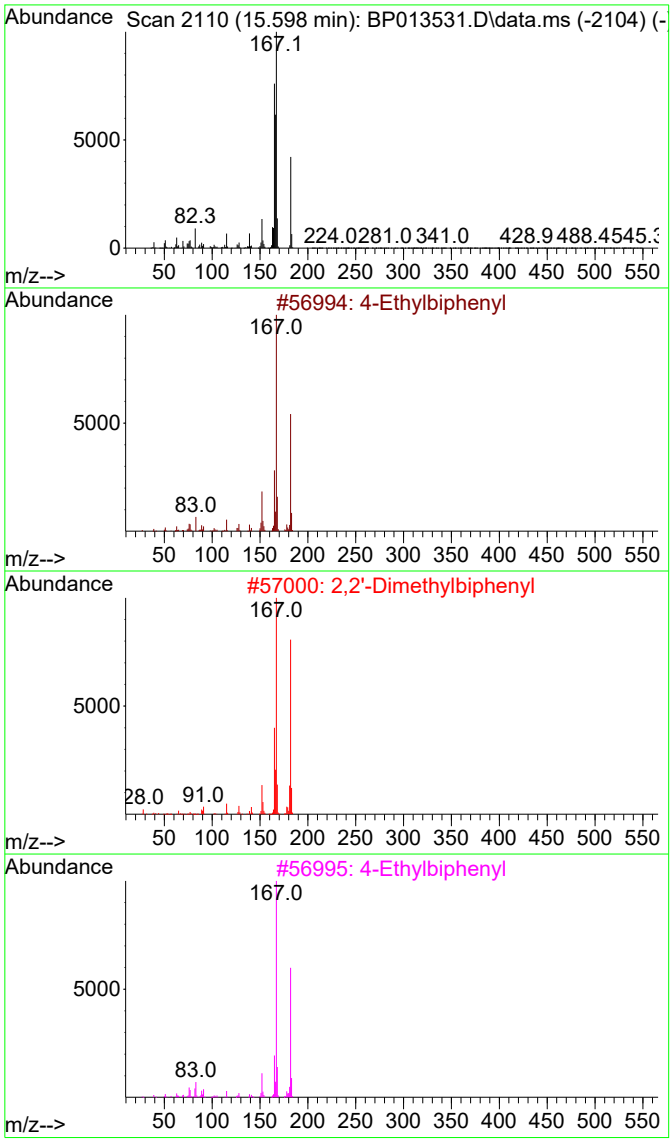
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

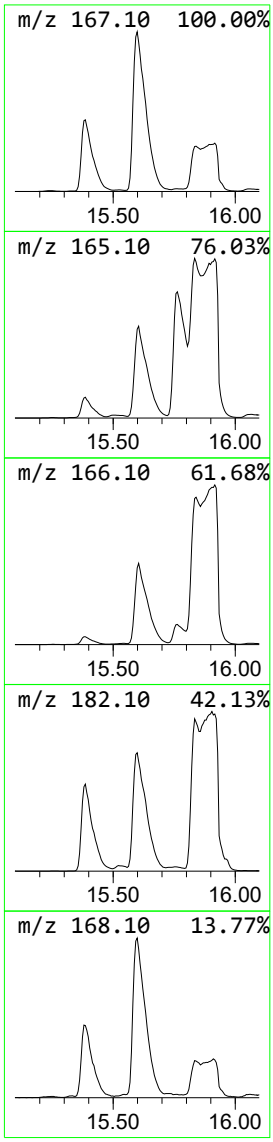
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	12.23 ng/ul	48081400	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	60
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	49
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	47
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	47





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Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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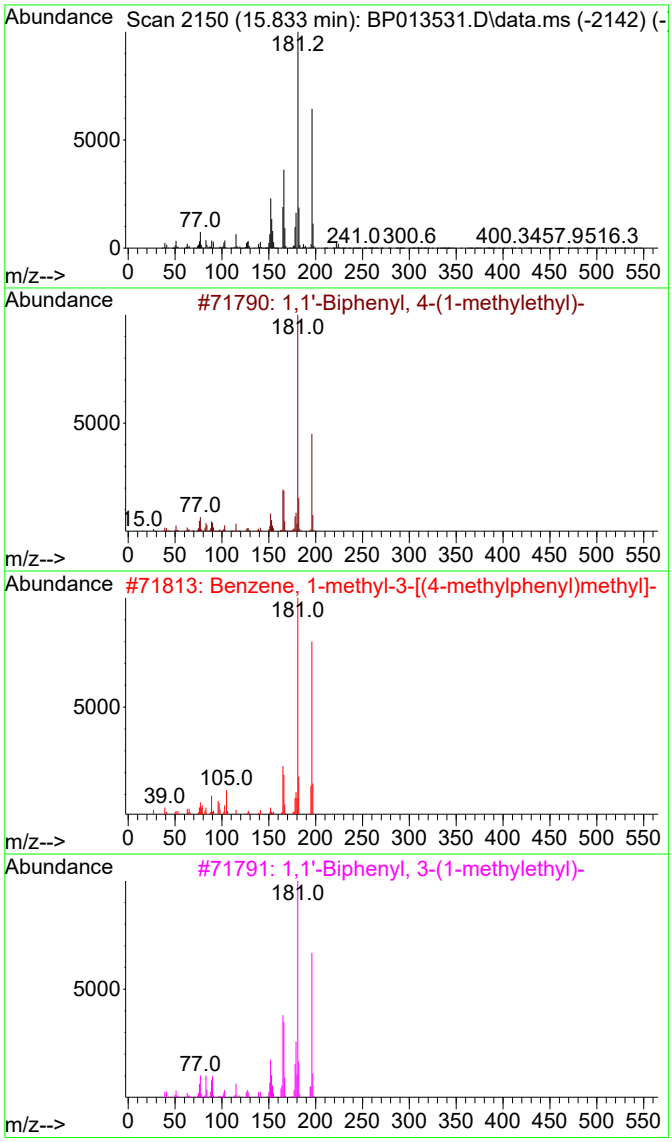
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

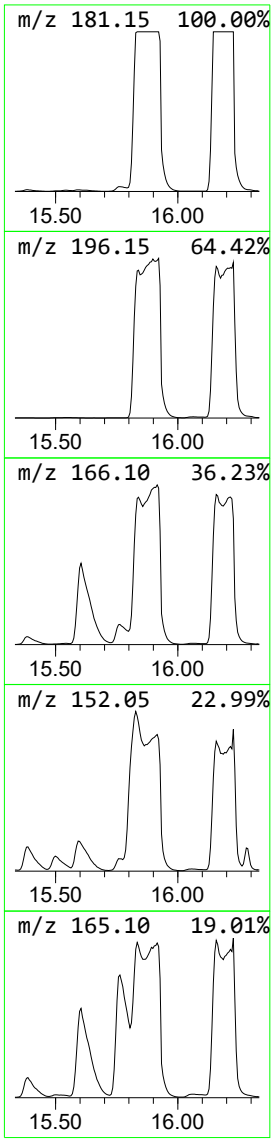
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	24.16 ng/ul	94978400	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	87
2	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	87
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	83
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	81
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	81





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Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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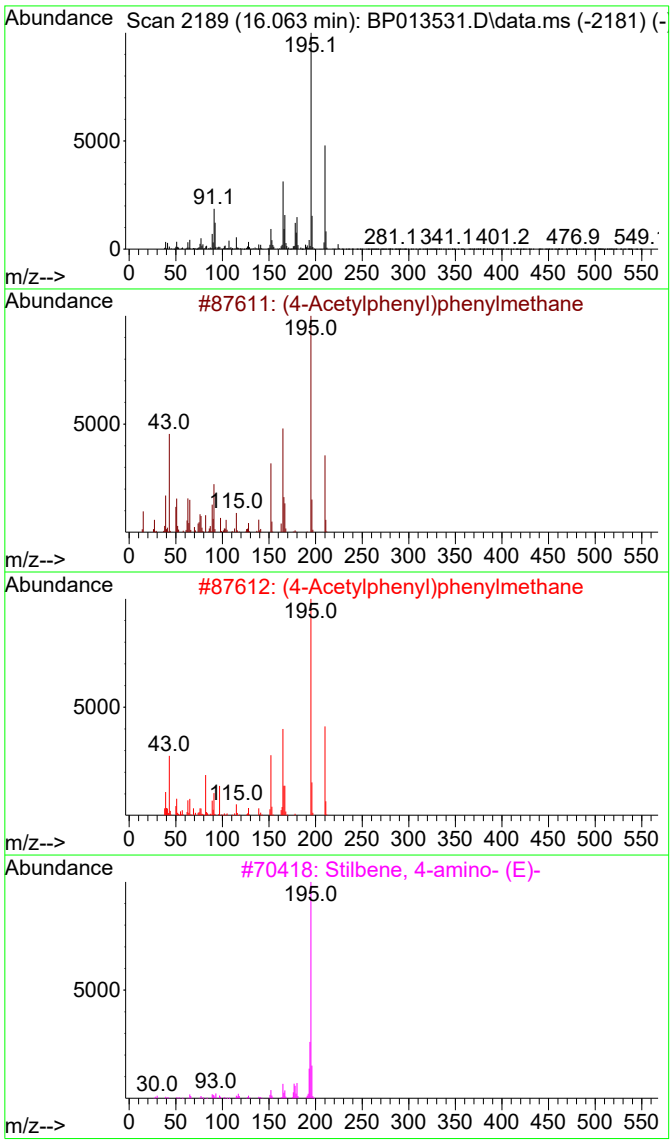
Quant Title : SVOA CALIBRATION

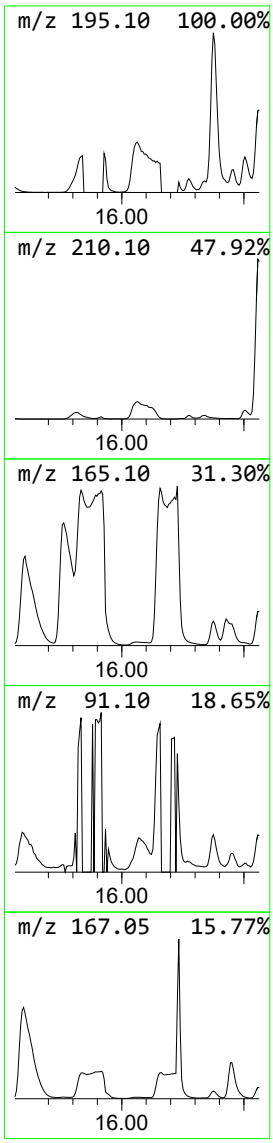
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (4-Acetylphenyl)phenylmethane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	3.71 ng/ul	4246450	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	74
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	74
3	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	70
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	58
5	4-tert-Butylbenzylidenemalononit...	210	C14H14N2	149550-23-2	58





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Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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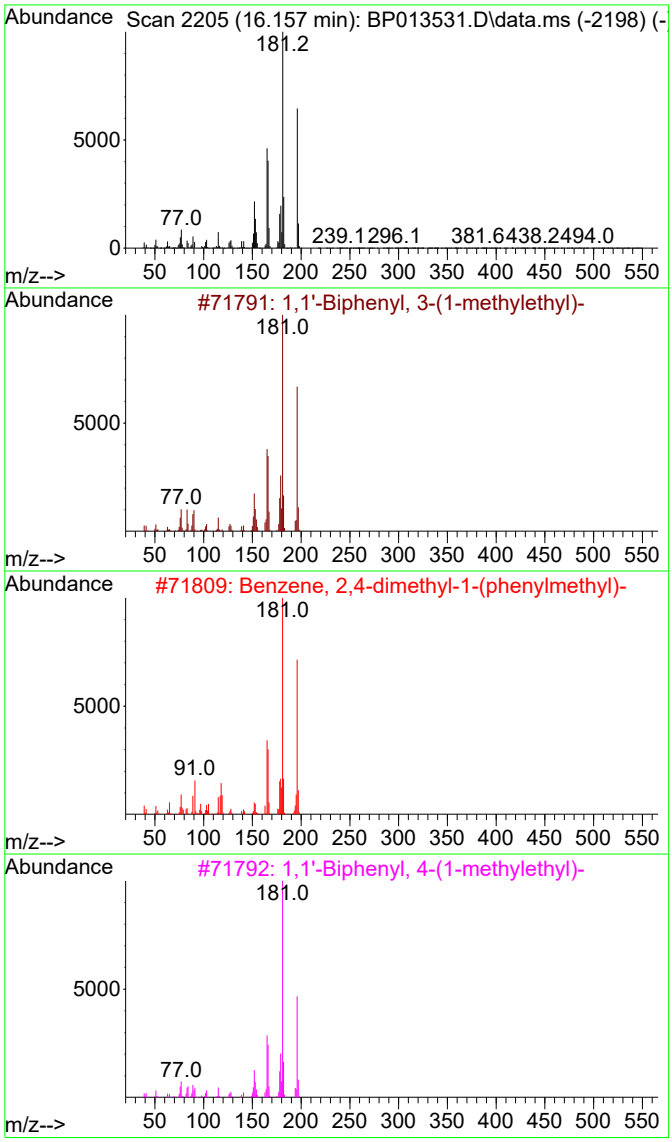
Quant Title : SVOA CALIBRATION

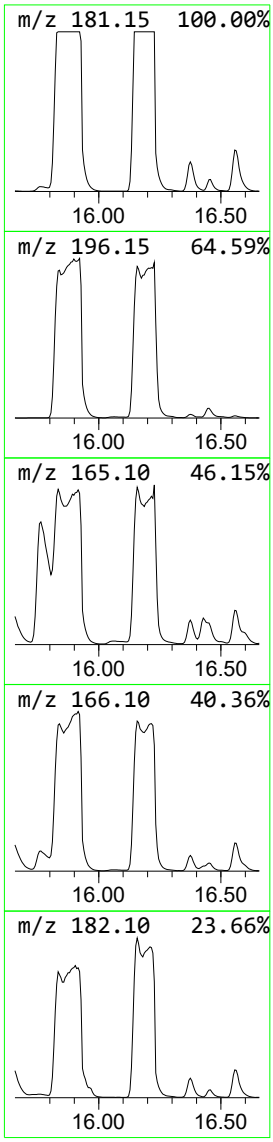
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	86.86 ng/ul	99387400	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	93
2	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	90
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	87
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	87





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Acq On : 18 Jan 2023 20:29
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Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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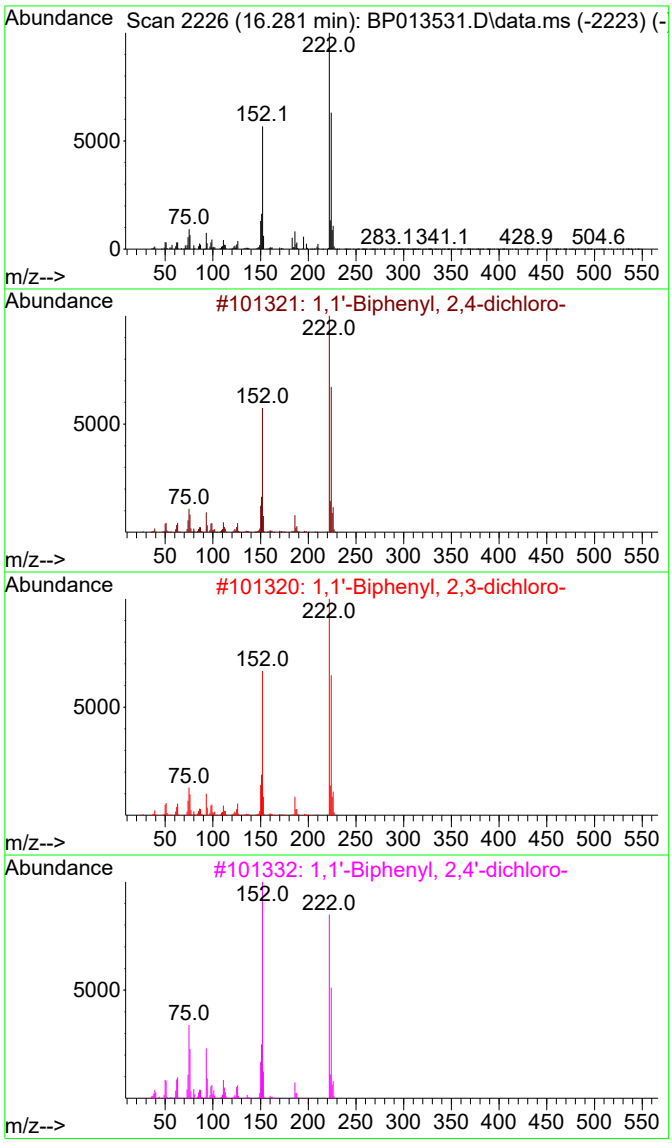
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

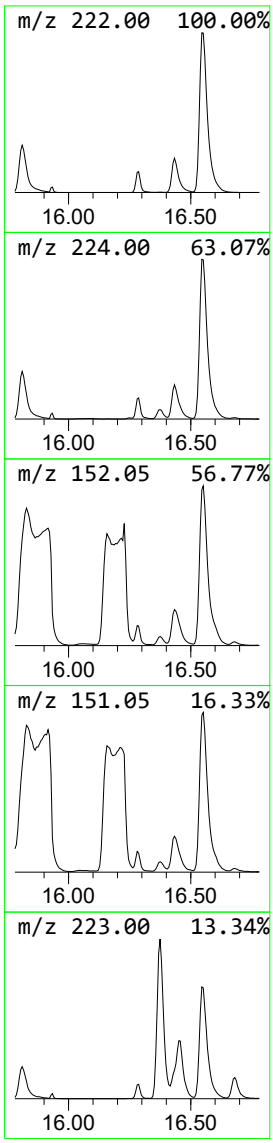
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	3.47 ng/ul	3965500	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

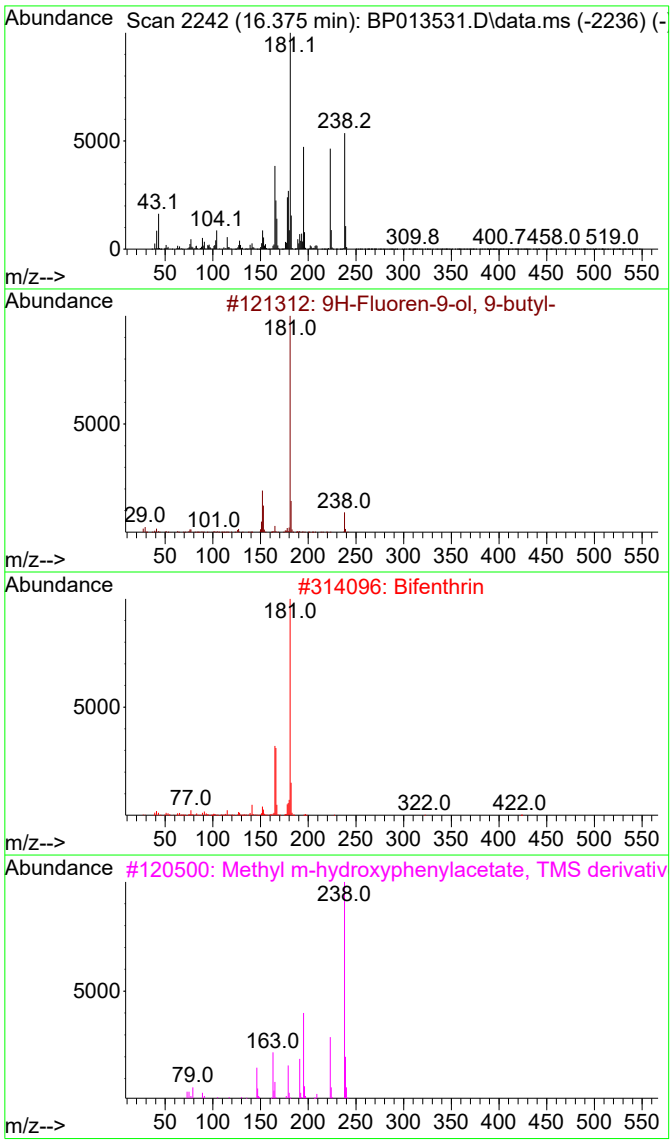
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

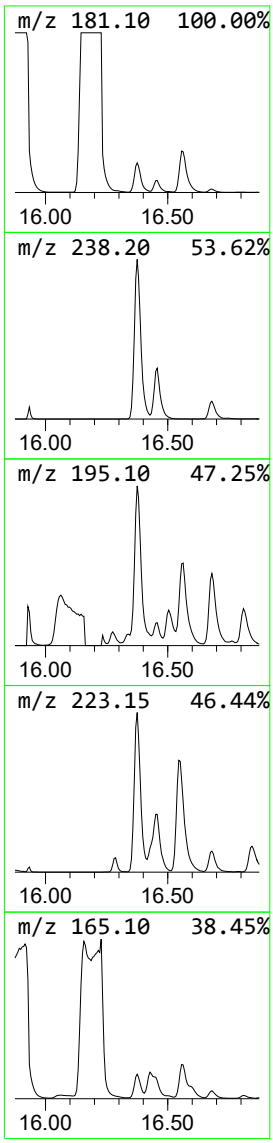
****

Peak Number 11 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.375	15.32 ng/ul	17534700	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	38
2	Bifenthrin	422	C23H22ClF3O2	082657-04-3	27
3	Methyl m-hydroxyphenylacetate, T...	238	C12H18O3Si	027798-61-4	27
4	benzene, 2,4-dimethoxy-1-(2-phen...	238	C16H14O2	1000396-46-4	22
5	2,2-diphenylpropionic acid, 2,2,...	408	C19H15F7O2	1000376-63-8	22





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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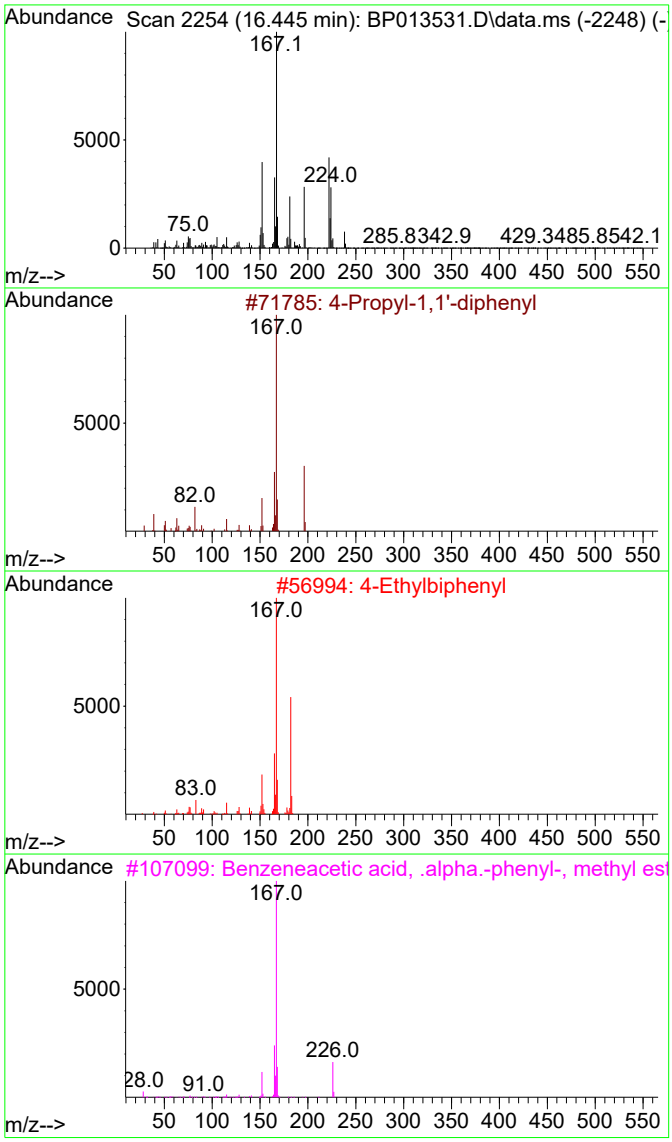
Quant Title : SVOA CALIBRATION

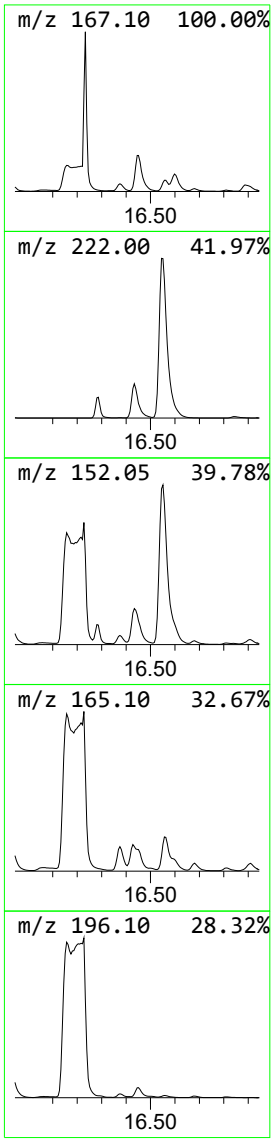
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-Propyl-1,1'-diphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	17.02 ng/ul	19472200	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64
2	4-Ethylbiphenyl	182	C14H14	005707-44-8	55
3	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	55
4	1,1'-Biphenyl, 4-pentyl-	224	C17H20	007116-96-3	50
5	(1,1'-Biphenyl)-4-propanoic acid	226	C15H14O2	035888-99-4	46





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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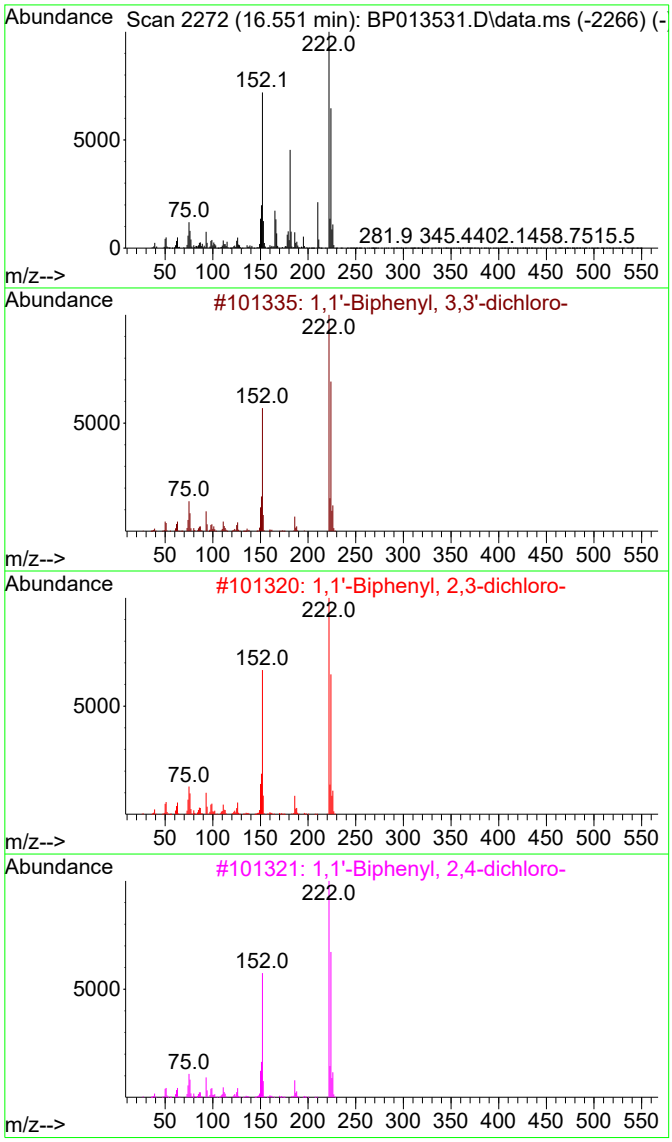
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

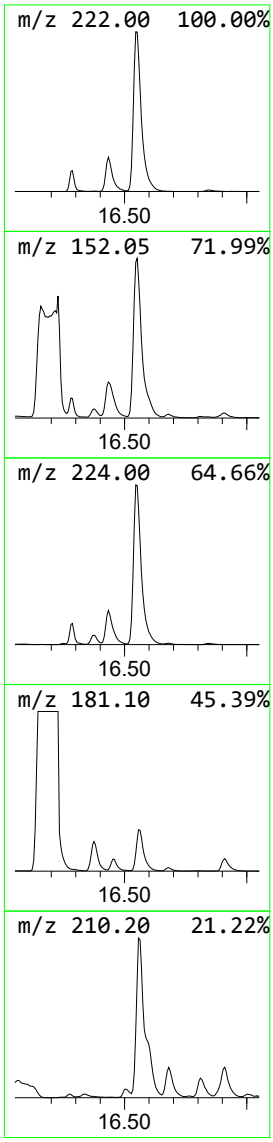
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	51.94 ng/ul	59435100	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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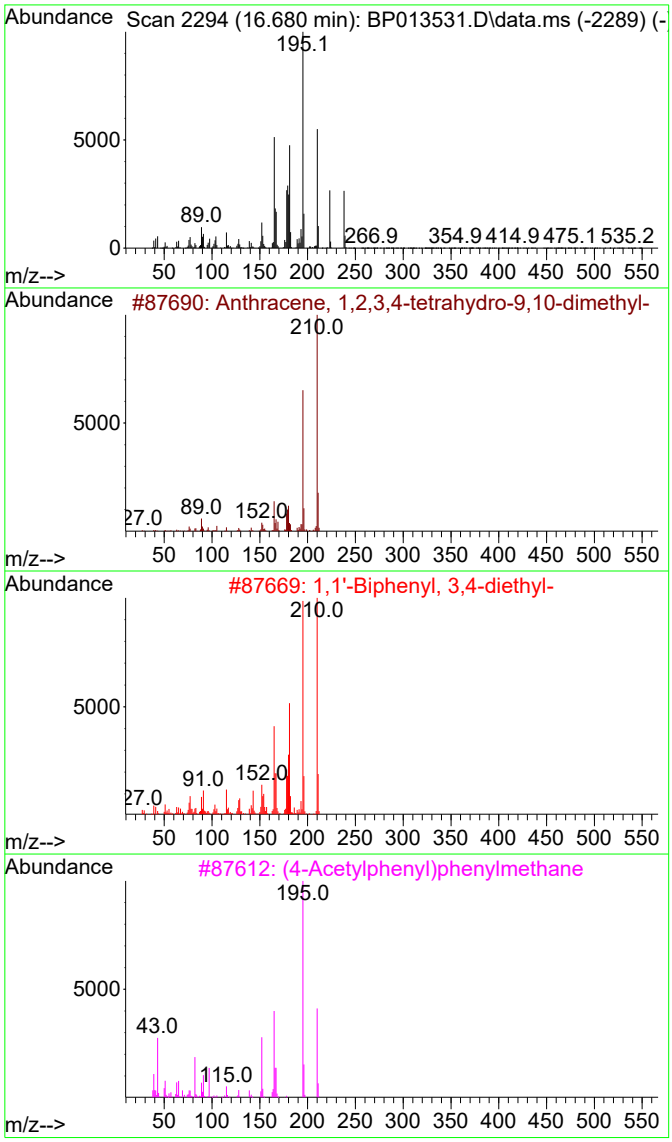
Quant Title : SVOA CALIBRATION

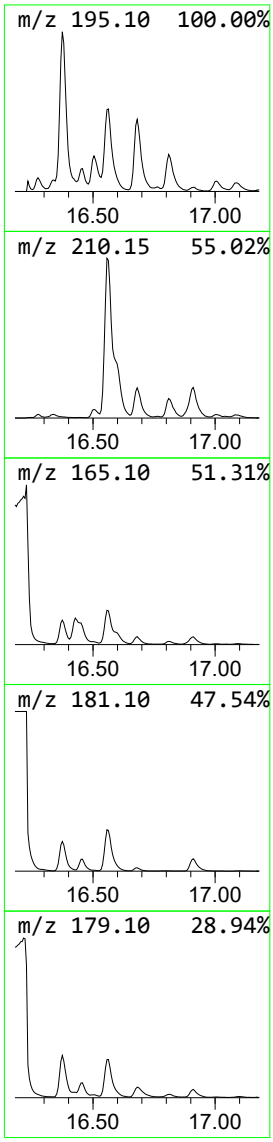
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.680	4.20 ng/ul	4800500	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	96
2	1,1'-Biphenyl, 3,4-diethyl-	210	C16H18	061141-66-0	89
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
4	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	64
5	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1010151-39-2	64





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ALS Vial : 15 Sample Multiplier: 1

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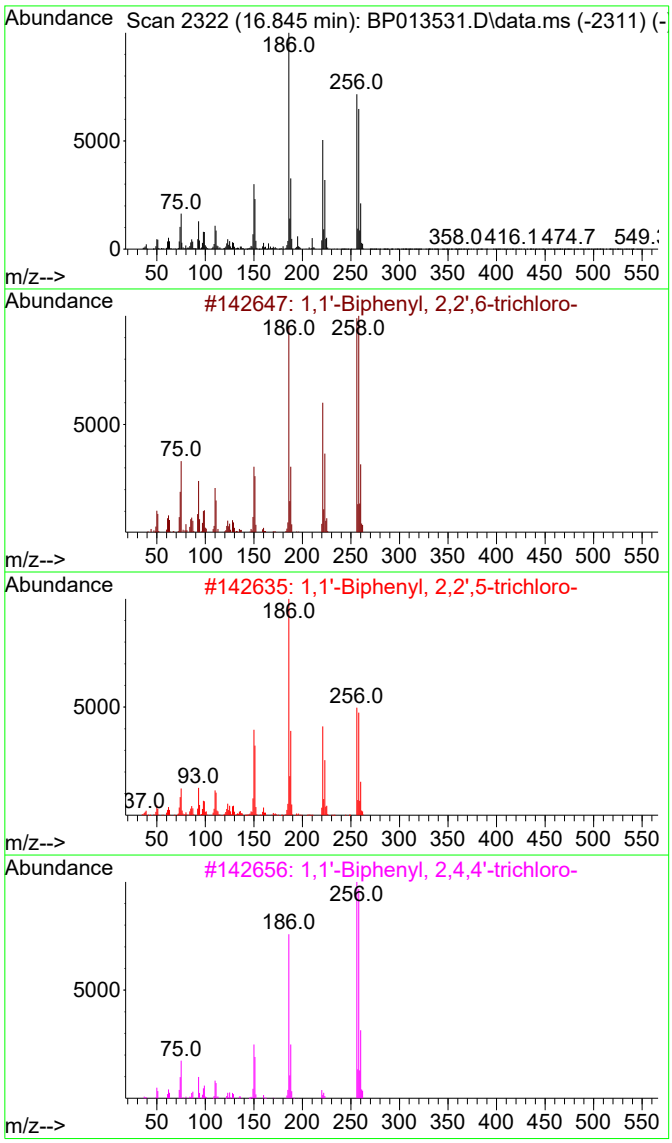
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

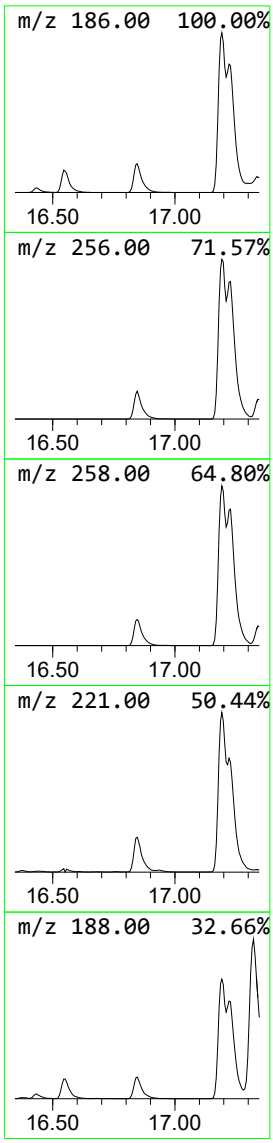
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	6.20 ng/ul	7099020	Phenanthrene-d10	17.322

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





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ClientSampleId :
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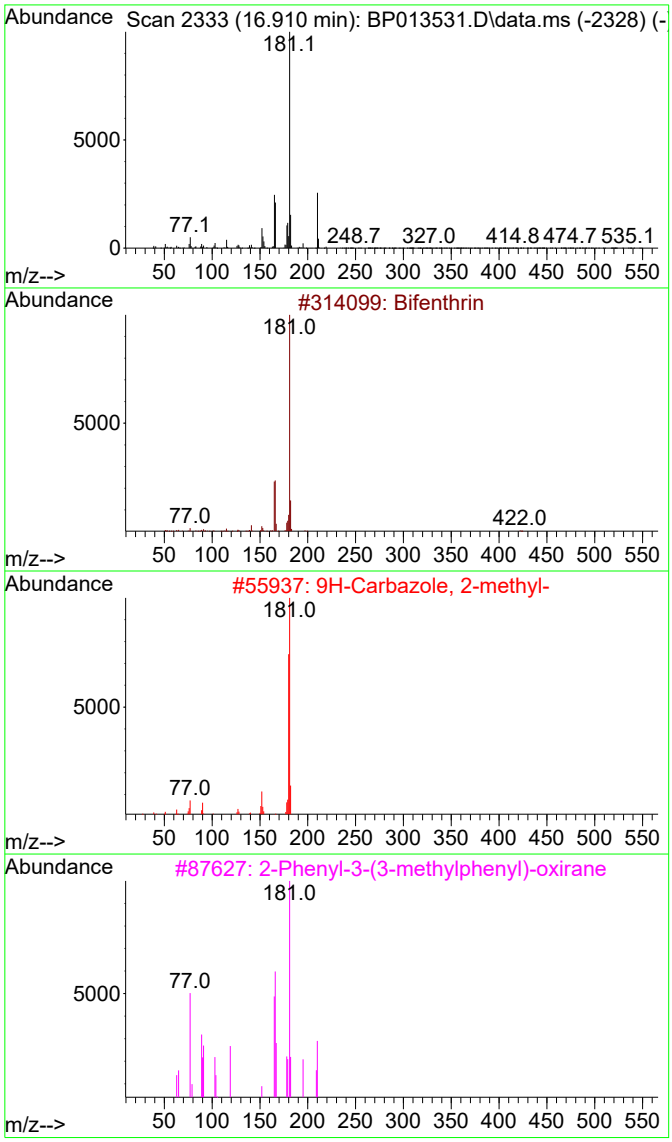
Quant Title : SVOA CALIBRATION

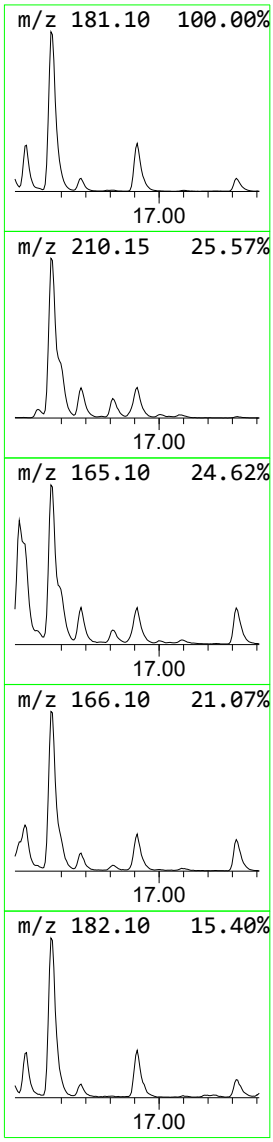
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Bifenthrin Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	4.79 ng/ul	5476650	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	59
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	53
3	2-Phenyl-3-(3-methylphenyl)-oxirane	210	C15H14O	1000147-20-0	53
4	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	52
5	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	50





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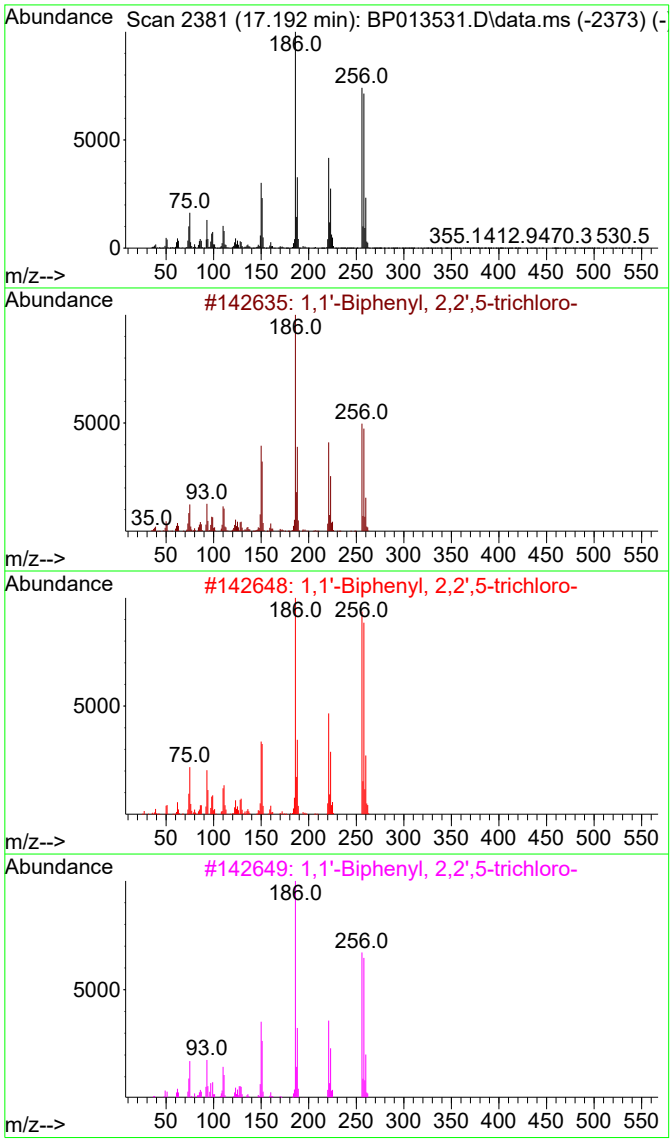
Quant Title : SVOA CALIBRATION

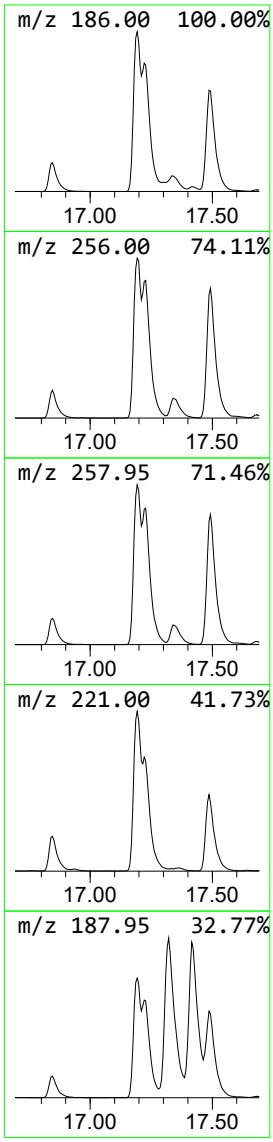
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	25.70 ng/ul	29402200	Phenanthrene-d10	17.322

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',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

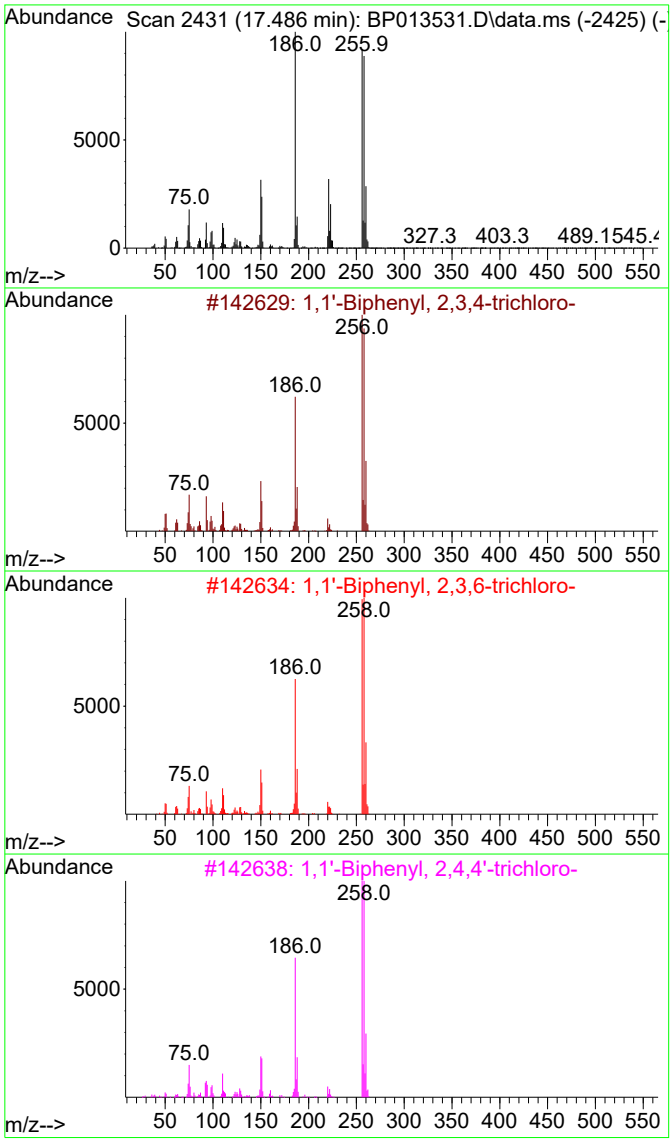
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

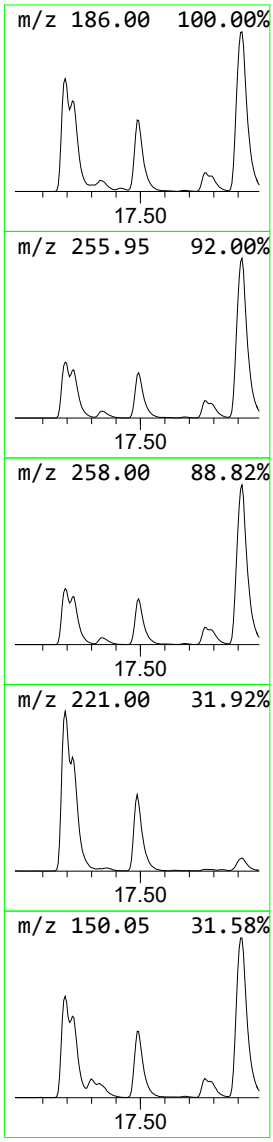
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.486	20.29 ng/ul	23216600	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
4	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	97
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

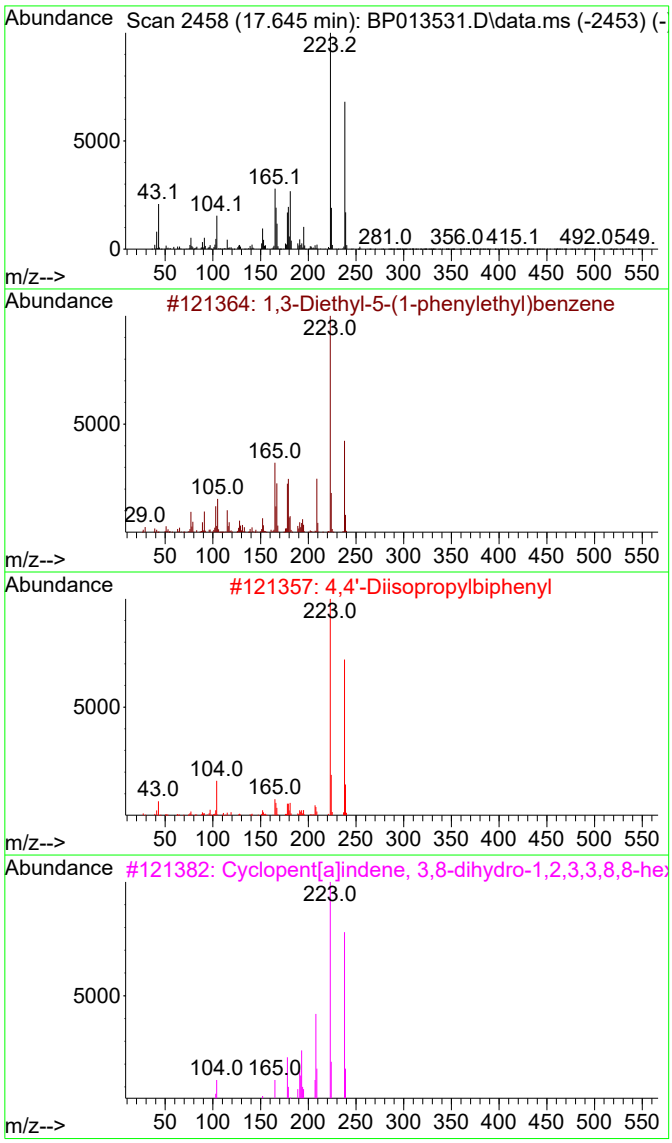
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

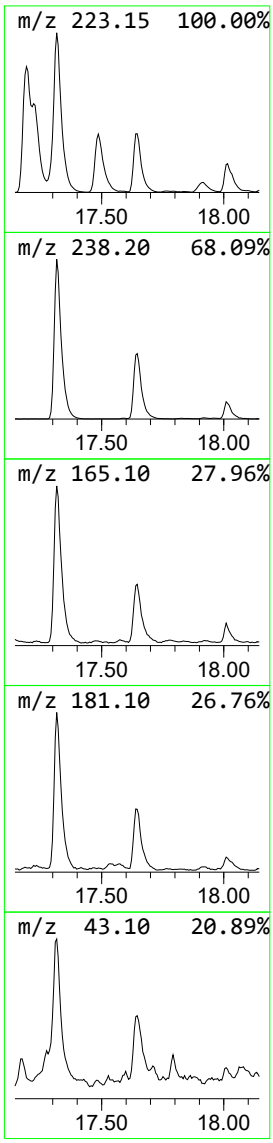
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,3-Diethyl-5-(1-phenylethy... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.90 ng/ul	3321570	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	74
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	70
3	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	68
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	58
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	49





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

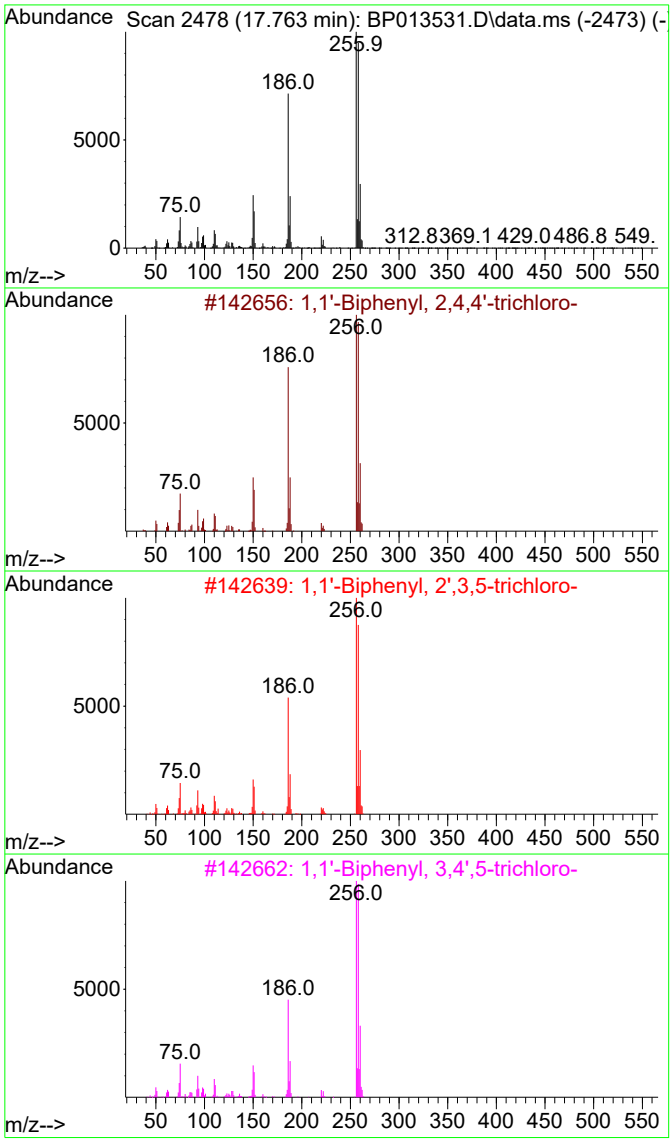
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

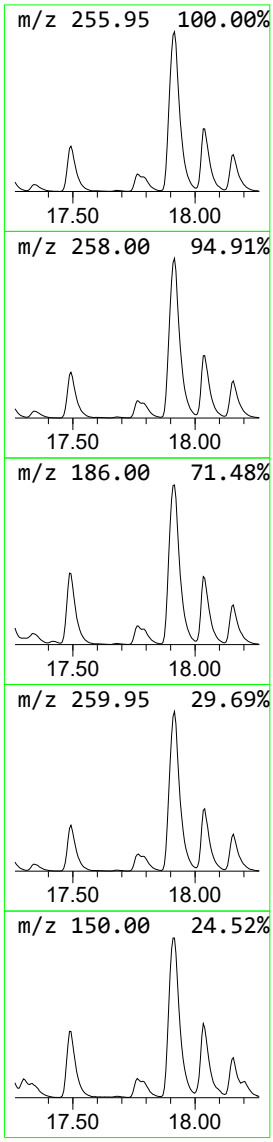
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.763	4.37 ng/ul	5004130	Phenanthrene-d10	17.322

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

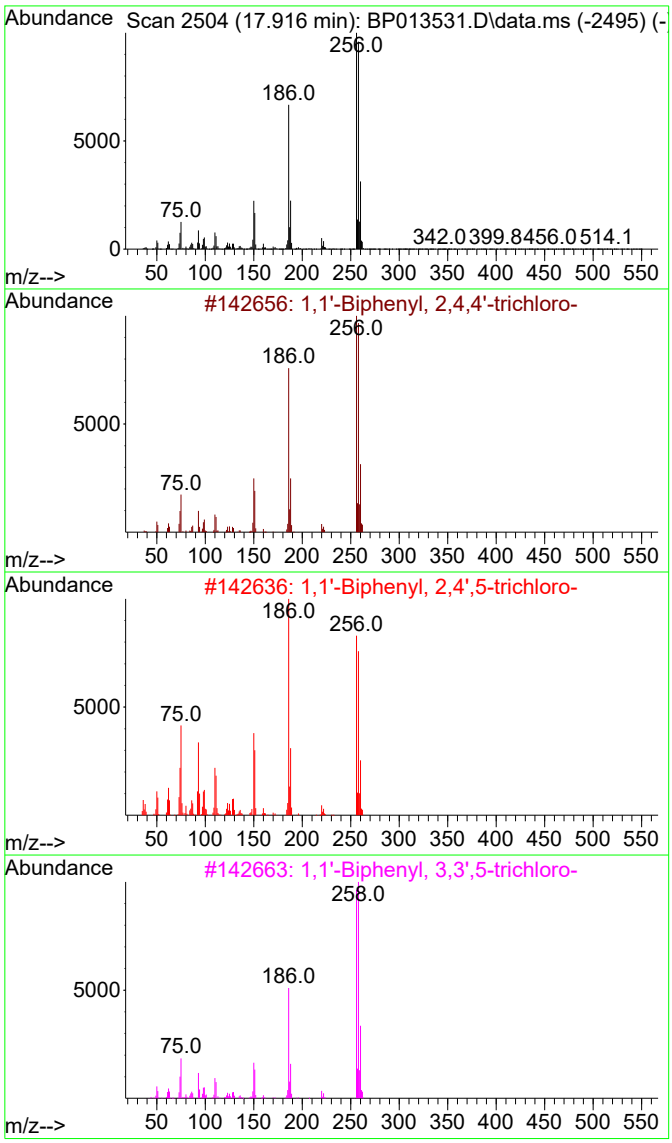
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

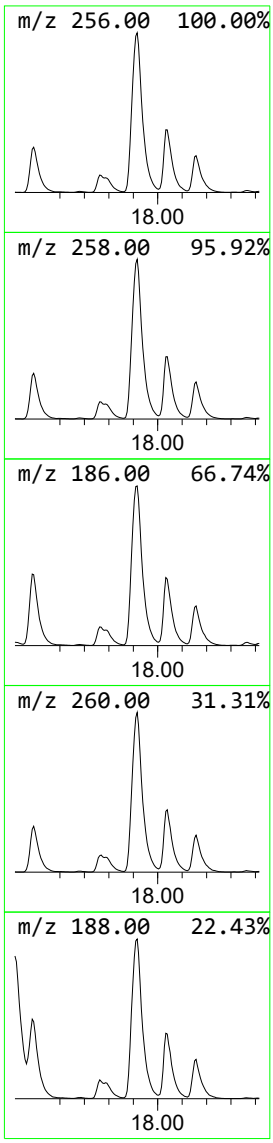
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	62.90 ng/ul	71980700	Phenanthrene-d10	17.322

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

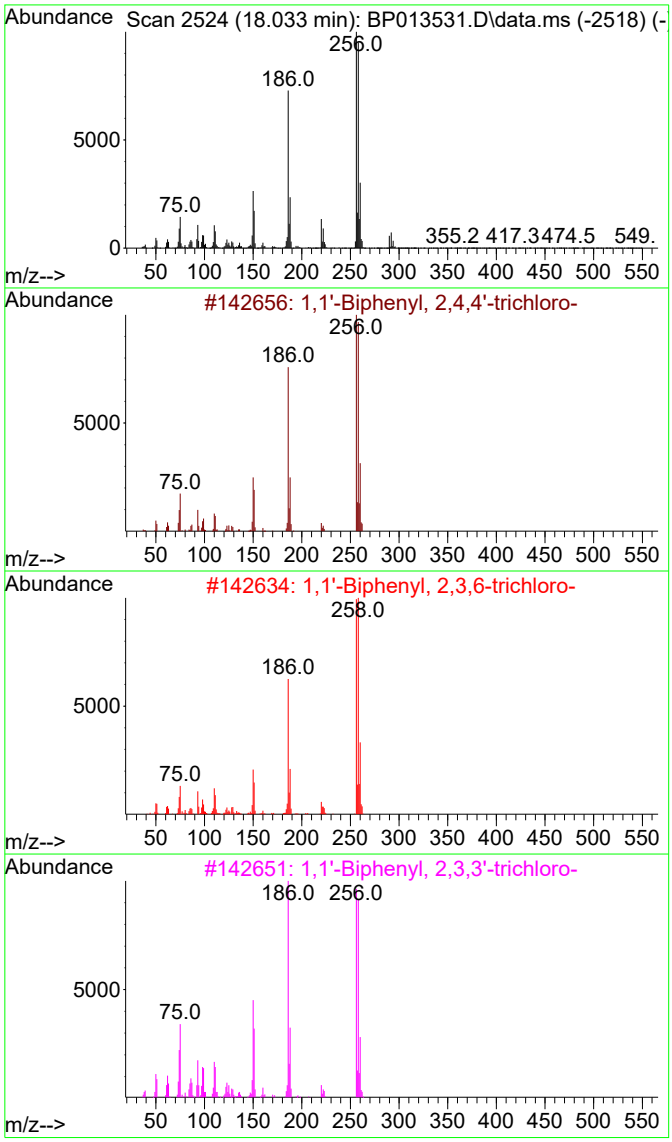
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

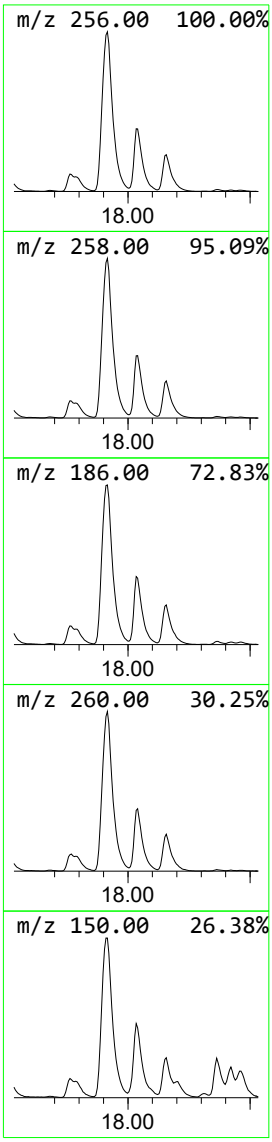
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	22.82 ng/ul	26106700	Phenanthrene-d10	17.322

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, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

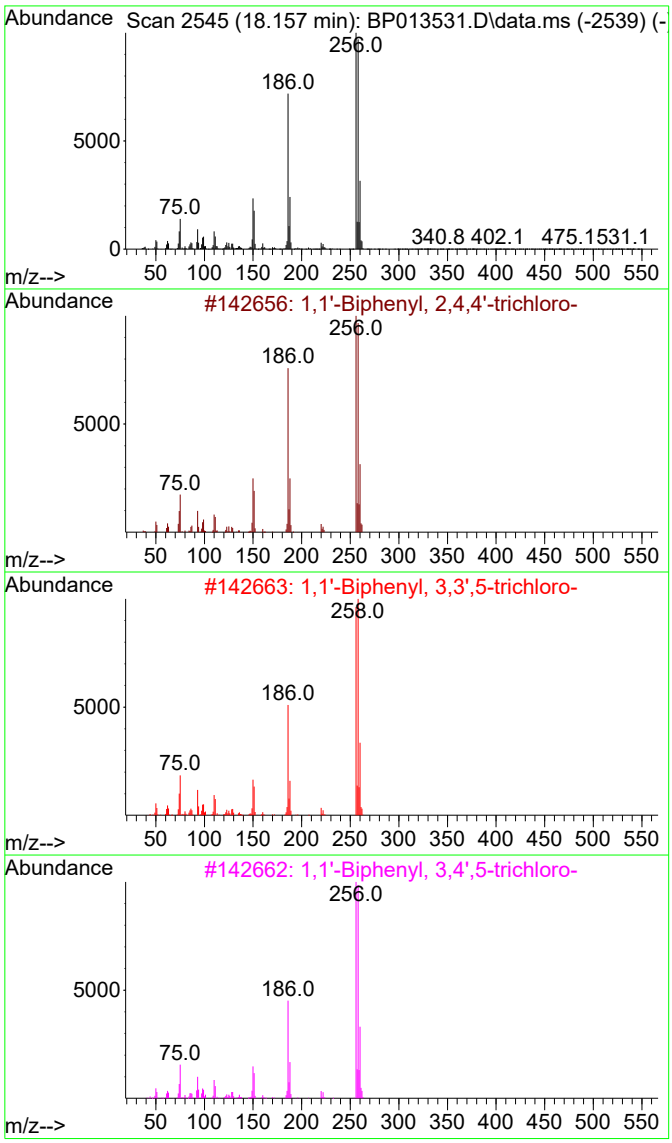
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

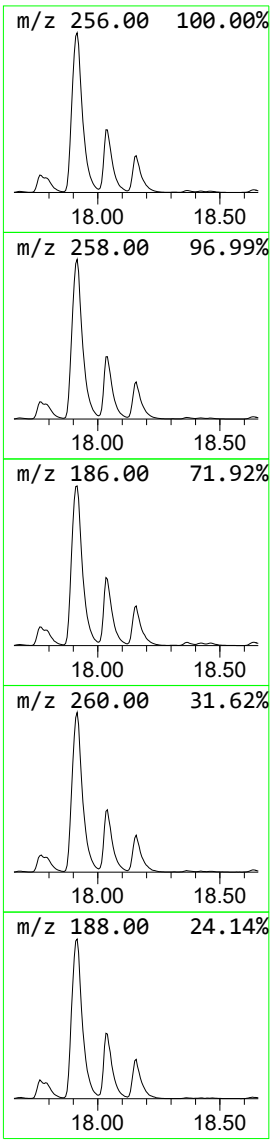
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	10.04 ng/ul	11488000	Phenanthrene-d10	17.322

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	97





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

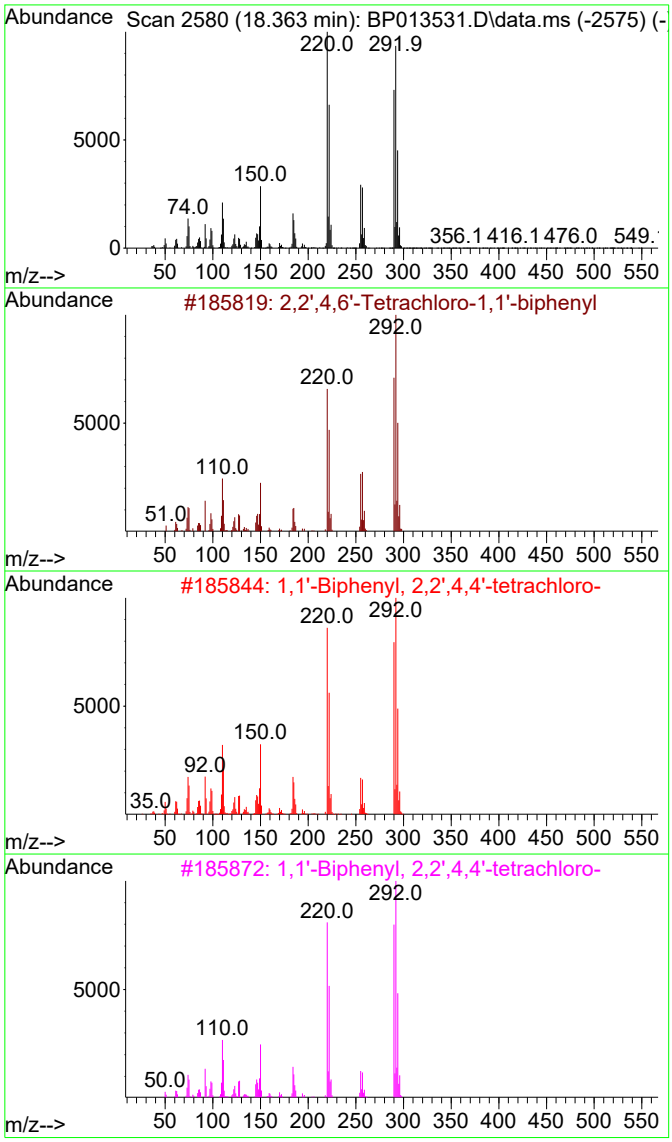
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

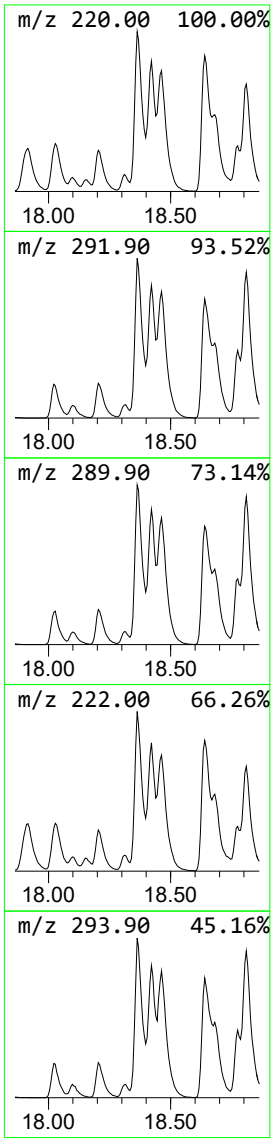
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	12.73 ng/ul	14570600	Phenanthrene-d10	17.322

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

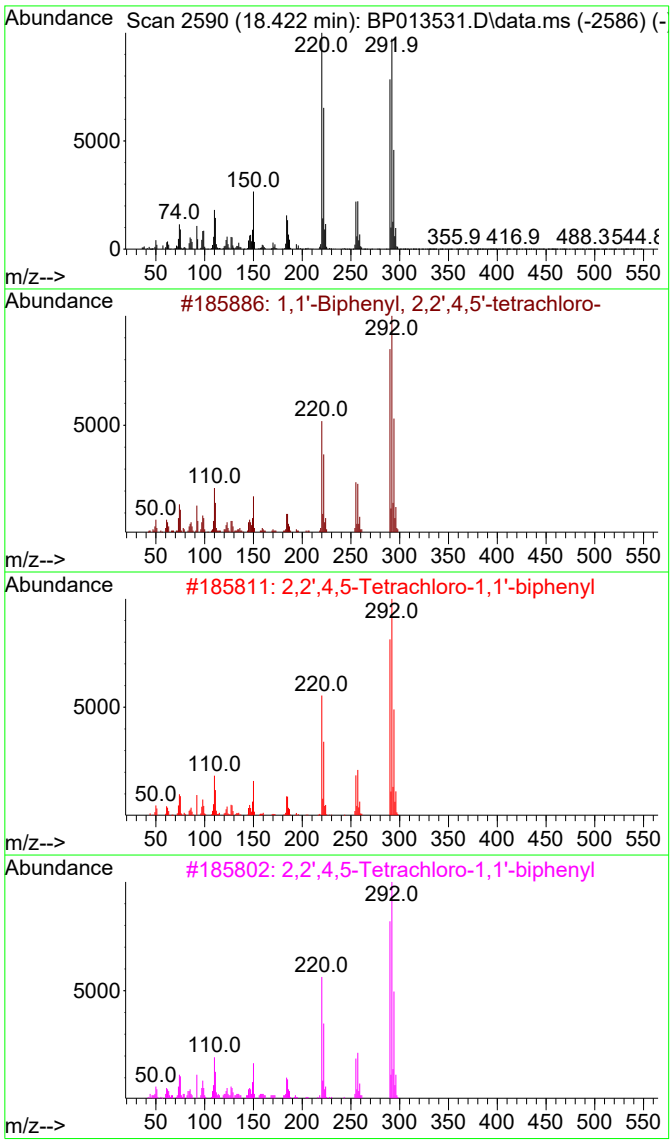
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

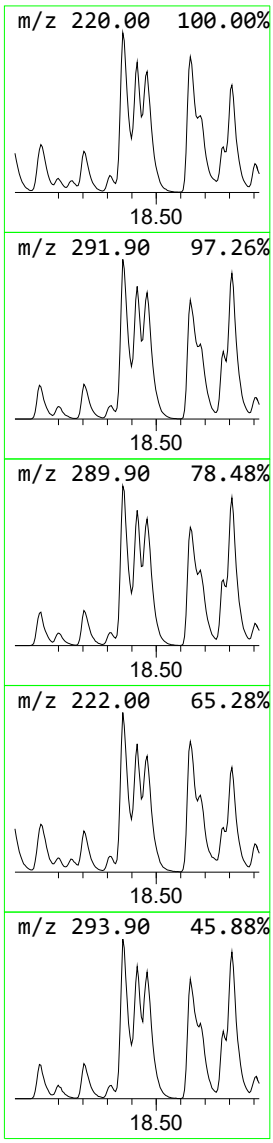
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	8.75 ng/ul	10011700	Phenanthrene-d10	17.322

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',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

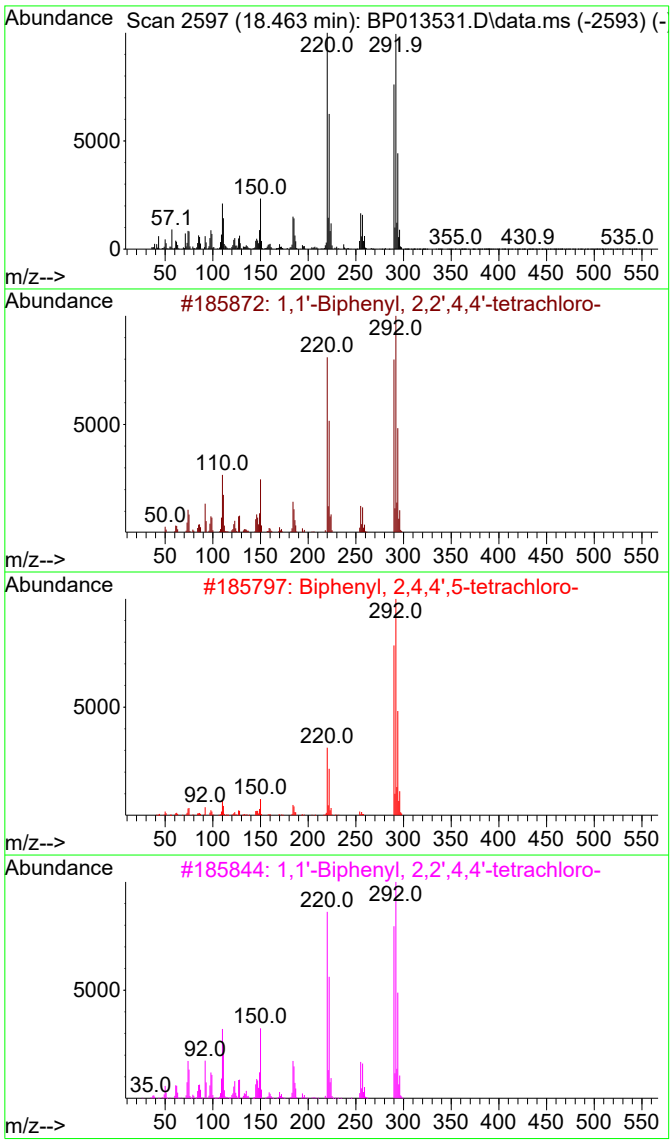
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

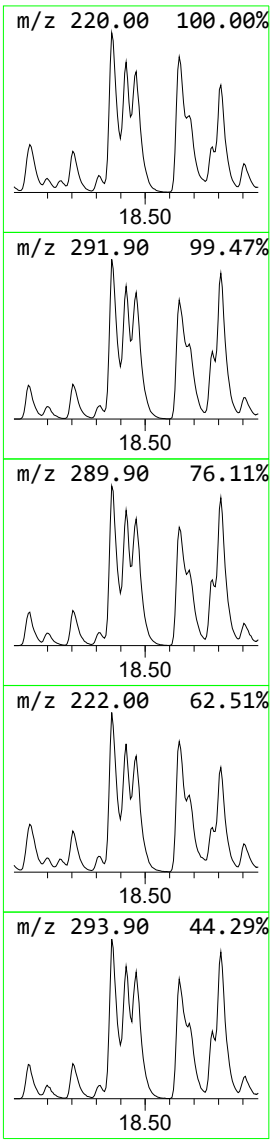
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	10.75 ng/ul	12305600	Phenanthrene-d10	17.322

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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99





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Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

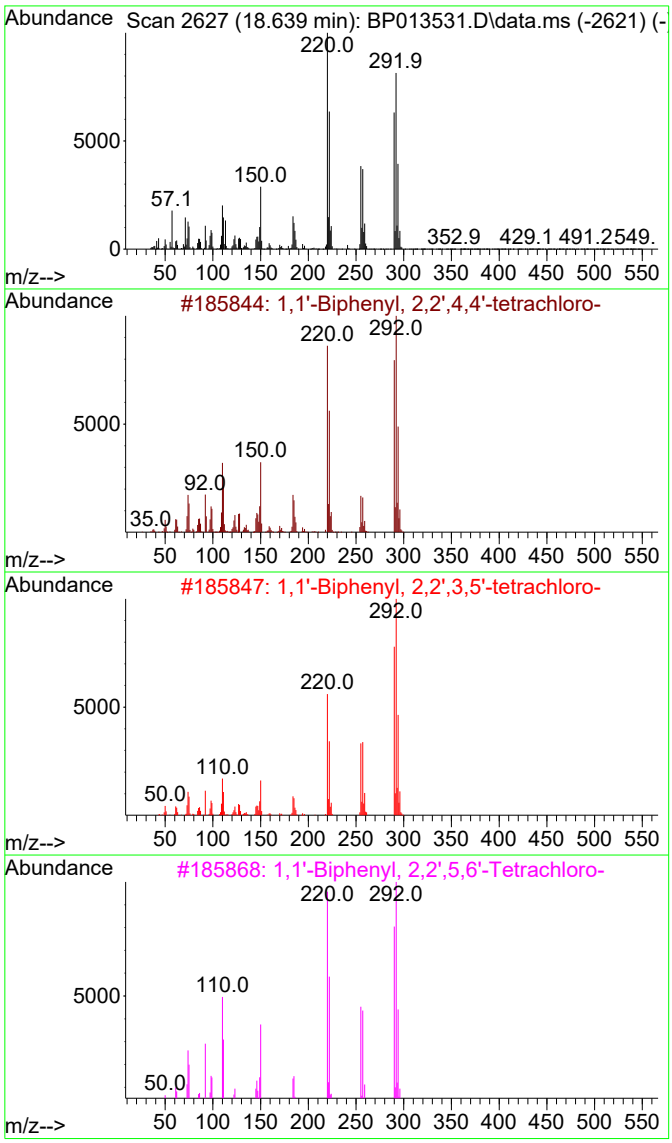
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

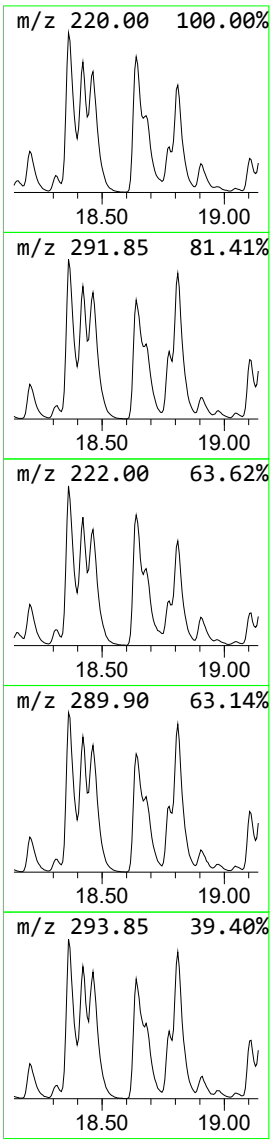
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	12.53 ng/ul	14343100	Phenanthrene-d10	17.322

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	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
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Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

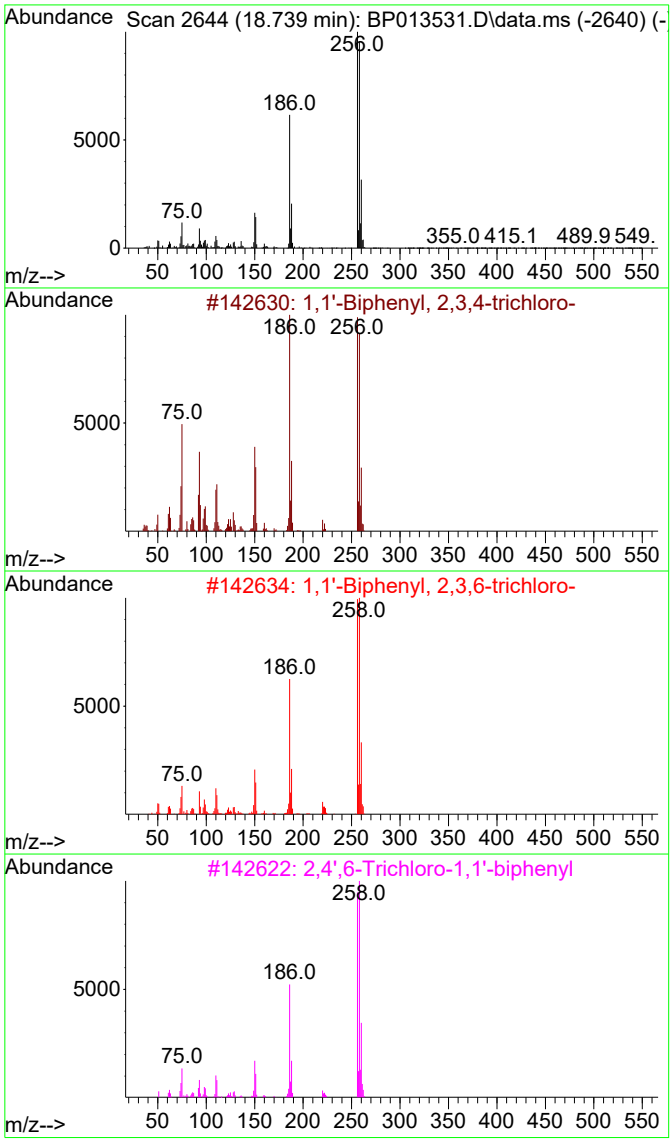
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

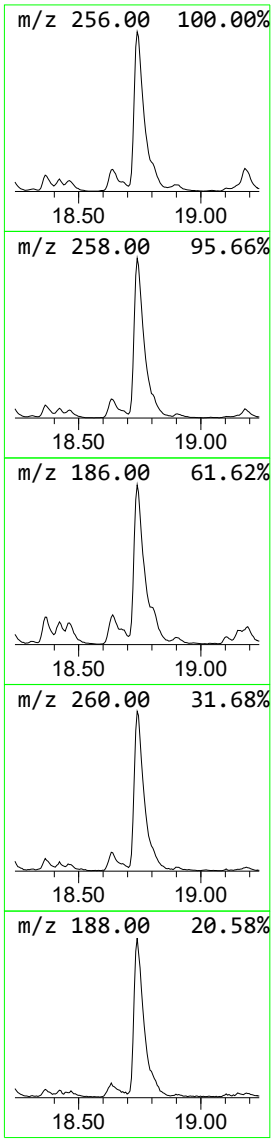
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	3.03 ng/ul	3472810	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	94
3	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	94
4	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	94
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

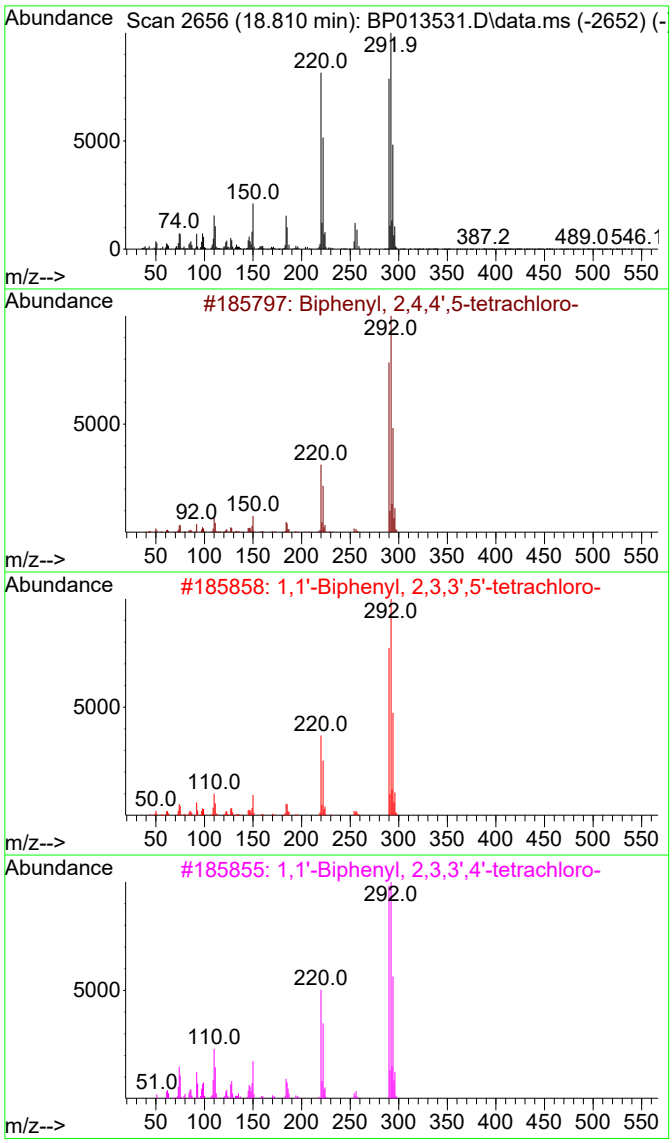
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

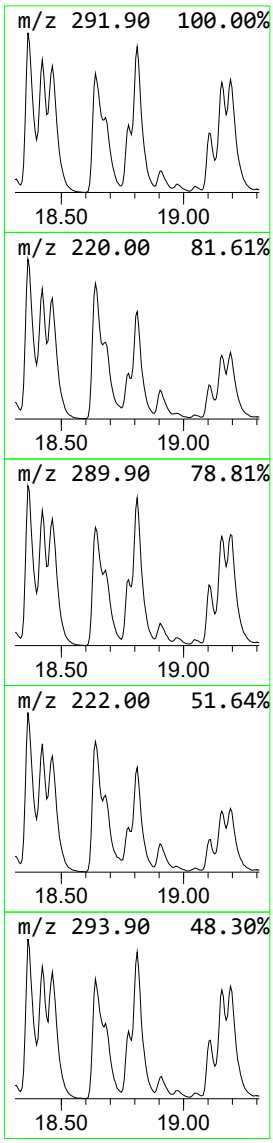
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	8.78 ng/ul	10049000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

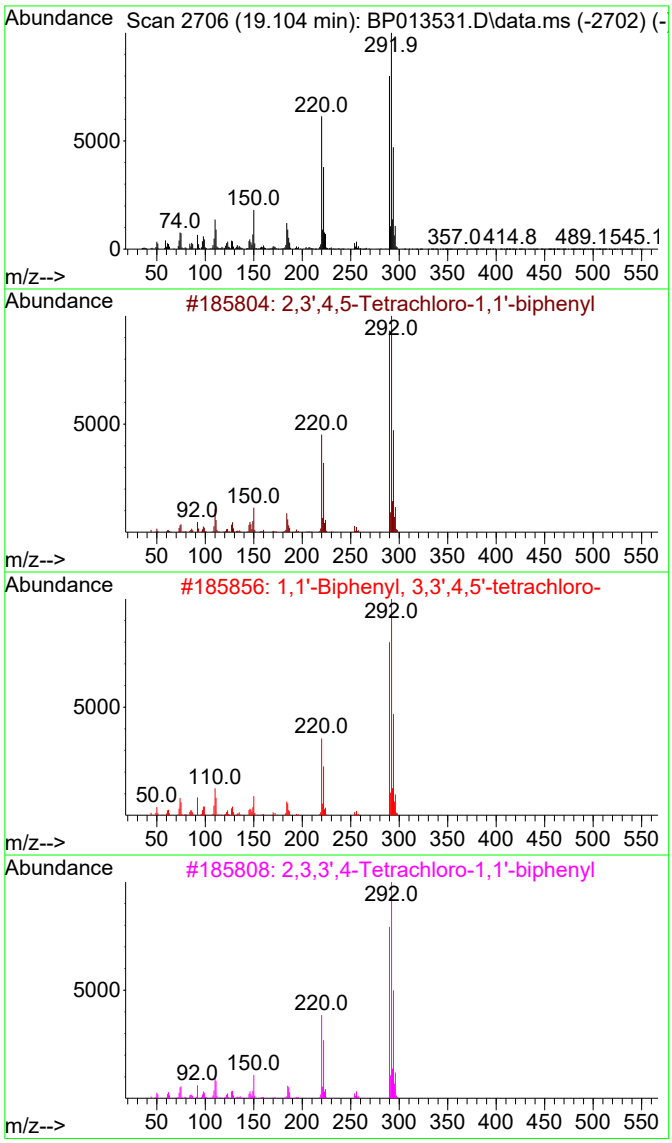
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

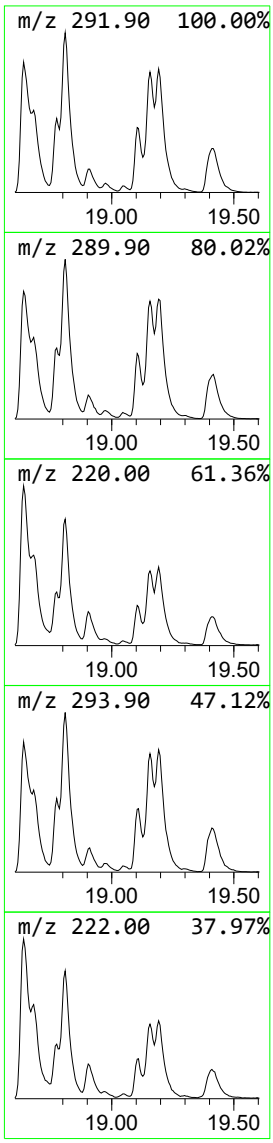
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	2.89 ng/ul	3307380	Phenanthrene-d10	17.322

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	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

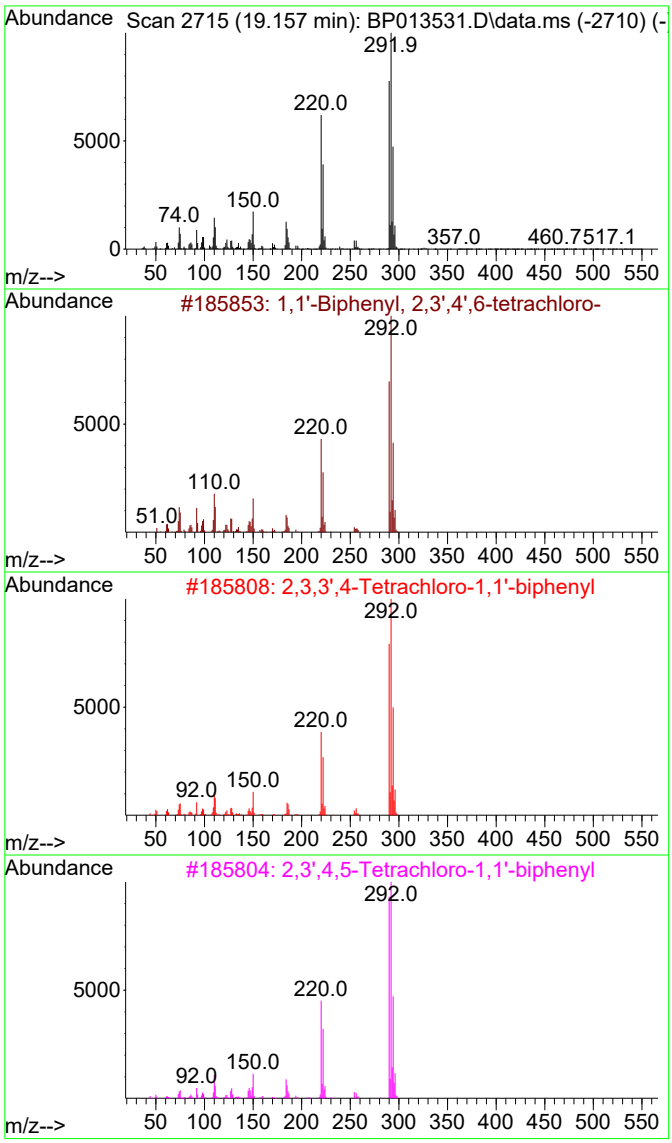
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

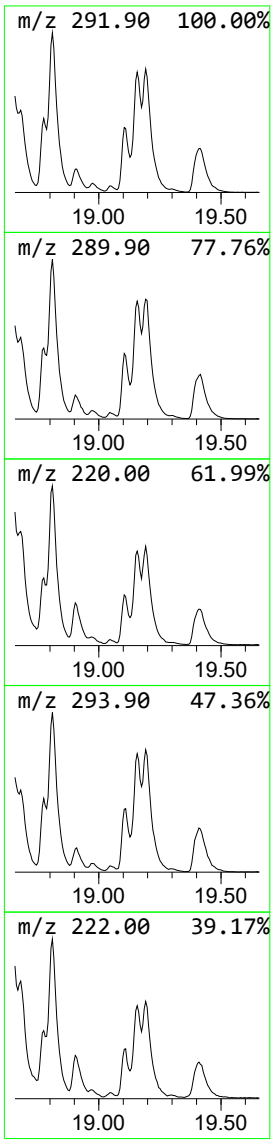
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	6.18 ng/ul	7067280	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

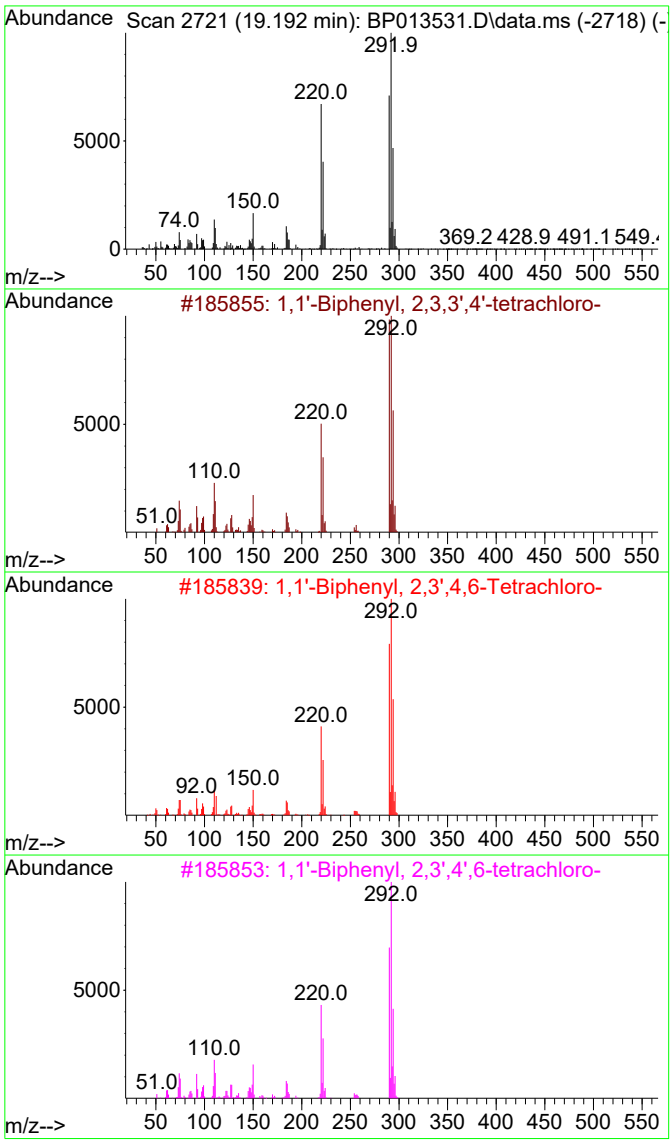
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

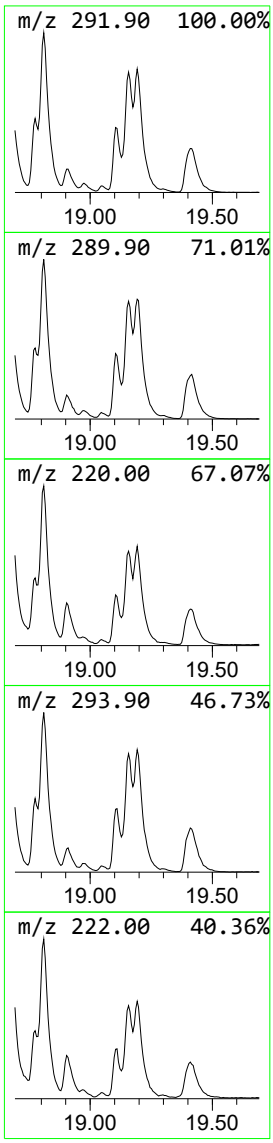
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	7.02 ng/ul	8035750	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99





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Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

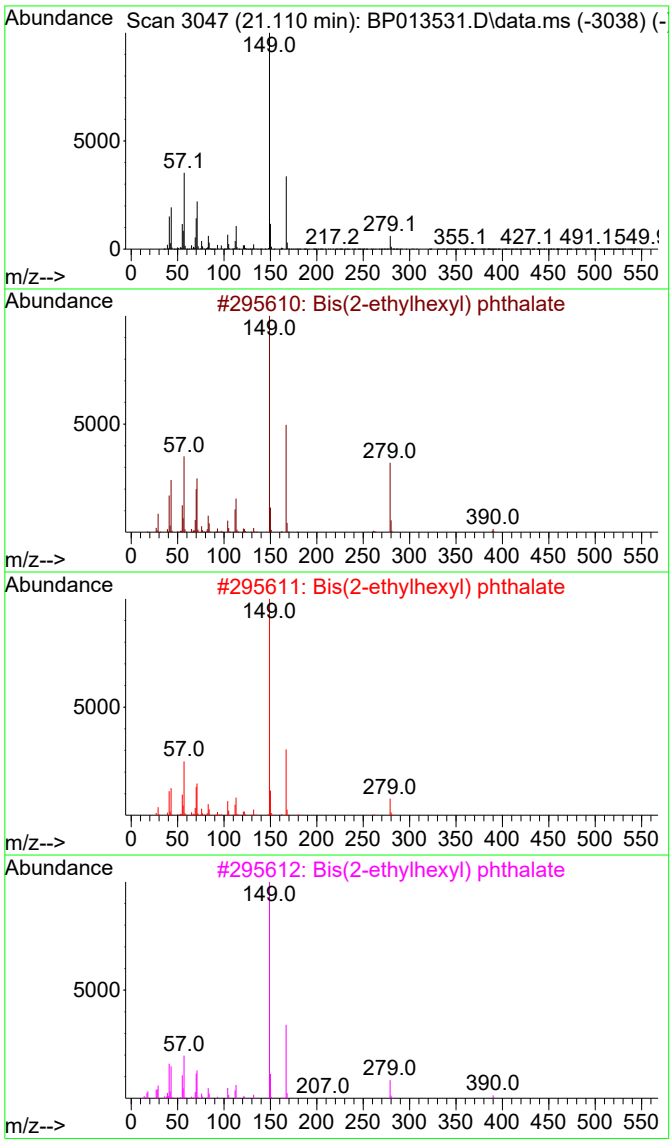
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

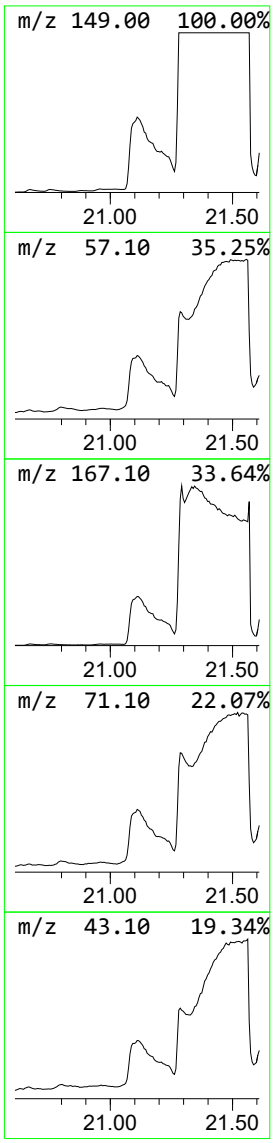
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Phthalic acid, 2-ethylhexyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	24.32 ng/ul	83828800	Chrysene-d12	21.404

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, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

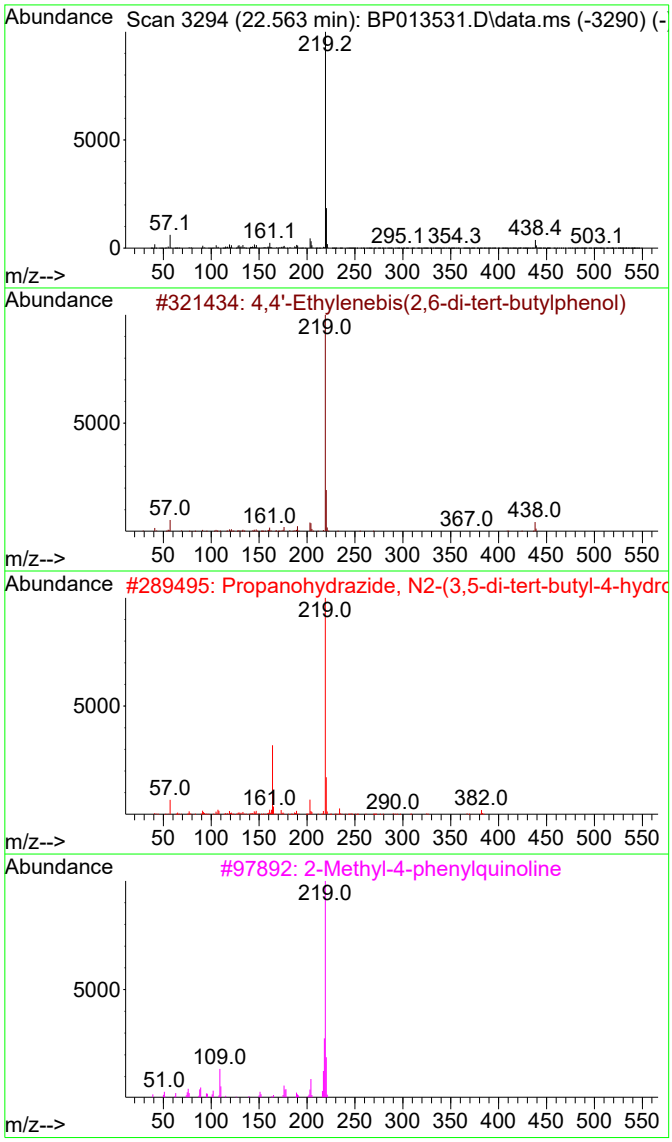
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

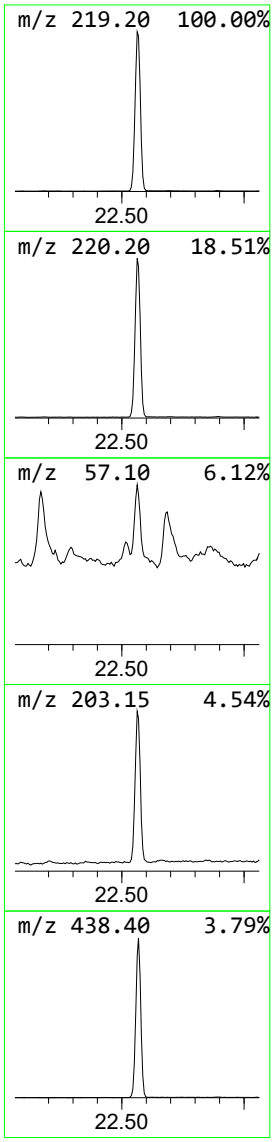
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.563	5.57 ng/ul	19205400	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	94
2	Propanohydrazide, N2-(3,5-di-ter...	382	C24H34N2O2	304870-86-8	72
3	2-Methyl-4-phenylquinoline	219	C16H13N	001721-92-2	72
4	5,8-Methano-1H-[1,2,4]triazolo[1...	395	C25H21N3O2	1000142-91-6	64
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013531.D
Acq On : 18 Jan 2023 20:29
Operator : CG/JU
Sample : 01146-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4405

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.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: S...	12.469	3.5	ng/ul	628796	2	10.710	3541260	20.0
(DEL) Alkane: S...	12.951	2.7	ng/ul	10585000	3	14.545	78628000	20.0
(DEL) Alkane: S...	13.357	3.8	ng/ul	14851900	3	14.545	78628000	20.0
4-Ethylbiphenyl	15.386	3.8	ng/ul	15088600	3	14.545	78628000	20.0
2,2'-Dimethylbi...	15.598	12.2	ng/ul	48081400	3	14.545	78628000	20.0
1,1'-Biphenyl, ...	15.834	24.2	ng/ul	94978400	3	14.545	78628000	20.0
(4-Acetylphenyl...	16.063	3.7	ng/ul	4246450	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	16.157	86.9	ng/ul	99387400	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	16.281	3.5	ng/ul	3965500	4	17.322	22885500	20.0
unknown-01	16.375	15.3	ng/ul	17534700	4	17.322	22885500	20.0
4-Propyl-1,1'-d...	16.445	17.0	ng/ul	19472200	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	16.551	51.9	ng/ul	59435100	4	17.322	22885500	20.0
Anthracene, 1,2...	16.680	4.2	ng/ul	4800500	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	16.845	6.2	ng/ul	7099020	4	17.322	22885500	20.0
Bifenthrin	16.910	4.8	ng/ul	5476650	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	17.192	25.7	ng/ul	29402200	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	17.486	20.3	ng/ul	23216600	4	17.322	22885500	20.0
1,3-Diethyl-5-(...	17.645	2.9	ng/ul	3321570	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	17.763	4.4	ng/ul	5004130	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	17.916	62.9	ng/ul	71980700	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	18.033	22.8	ng/ul	26106700	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	18.157	10.0	ng/ul	11488000	4	17.322	22885500	20.0
2,2',4,6'-Tetra...	18.363	12.7	ng/ul	14570600	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	18.422	8.8	ng/ul	10011700	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	18.463	10.8	ng/ul	12305600	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	18.639	12.5	ng/ul	14343100	4	17.322	22885500	20.0
2,4',6-Trichlor...	18.739	3.0	ng/ul	3472810	4	17.322	22885500	20.0
Biphenyl, 2,4,4...	18.810	8.8	ng/ul	10049000	4	17.322	22885500	20.0
2,3',4,5-Tetrac...	19.104	2.9	ng/ul	3307380	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	19.157	6.2	ng/ul	7067280	4	17.322	22885500	20.0
1,1'-Biphenyl, ...	19.192	7.0	ng/ul	8035750	4	17.322	22885500	20.0
Phthalic acid, ...	21.110	24.3	ng/ul	83828800	5	21.404	68935800	20.0
4,4'-Ethylenebi...	22.563	5.6	ng/ul	19205400	5	21.404	68935800	20.0