LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

Signal : TIC: BN023730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.699	101	104	120	rBV	643359	876890	1.00%	0.425%
2	4.369	213	218	224	rBV	83068	110198	0.13%	0.053%
3	4.981	315	322	329	rBV	103341	155412	0.18%	0.075%
4	7.057	668	675	687	rBV	792221	1219426	1.40%	0.591%
5	7.222	697	703	711	rBV	619199	951121	1.09%	0.461%
6	7.422	730	737	749	rBV	852925	1291129	1.48%	0.626%
7	7.893	810	817	832	rBV	810089	1267642	1.45%	0.614%
8	8.604	926	938	950	rBV	981540	1525545	1.75%	0.739%
9	9.063	1008	1016	1025	rBV	677510	1087962	1.24%	0.527%
10	9.787	1129	1139	1152	rBV	601542	951473	1.09%	0.461%
11	10.322	1223	1230	1245	rBV	916062	1508220	1.73%	0.731%
12	10.704	1285	1295	1304	rBV	1124562	1809627	2.07%	0.877%
13	10.846	1311	1319	1332	rBV	620936	1031469	1.18%	0.500%
14	12.228	1548	1554	1562	rBV	461857	701610	0.80%	0.340%
15	12.898	1662	1668	1672	rBV	111271	144181	0.16%	0.070%
16	12.951	1672	1677	1683	rVV	167390	222983	0.26%	0.108%
17	13.192	1712	1718	1721	rBV	111229	154267	0.18%	0.075%
18	13.269	1727	1731	1738	rVV2	72963	123796	0.14%	0.060%
19	13.363	1742	1747	1752	rVV2	234829	368784	0.42%	0.179%
20	13.416	1752	1756	1761	rVB	73224	100418	0.11%	0.049%
21	13.951	1839	1847	1856	rBV	1491805	2023738	2.32%	0.981%
22	14.234	1889	1895	1900	rBV2	1764664	2517753	2.88%	1.220%
23	14.275	1900	1902	1908	rVB	126876	134482	0.15%	0.065%
24	14.539	1934	1947	1949	rBV	1588444	2261516	2.59%	1.096%
25	14.563	1949	1951	1957	rVB	1497333	1772707	2.03%	0.859%
26	14.739	1974	1981	1991	rBV	594295	895057	1.02%	0.434%
27	15.375	2084	2089	2094	rVB	265766	372872	0.43%	0.181%
28	15.486	2102	2108	2111	rBV	417696	562396	0.64%	0.272%
29	15.533	2111	2116	2120	rVV	2140998	2959292	3.39%	1.434%
30	15.581	2120	2124	2130	rVV2	782502	1098439	1.26%	0.532%
31	15.657	2132	2137	2144	rVV	442926	574634	0.66%	0.278%
32	15.745	2144	2152	2156	rVV	642897	891294	1.02%	0.432%
33	15.833	2156	2167	2172	rVV	20346805	35862004	41.03%	17.376%
34	15.910	2172	2180	2189	rVB	486340	612206	0.70%	0.297%
35	16.139	2211	2219	2223	rBV	16671784	25063996	28.67%	12.144%
36	16.181	2223	2226	2232	rVV	329318	430835	0.49%	0.209%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

37	16.351	2251	2255	2259	rBV	293879	398080	0.46%	0.193%
38	16.398	2259	2263	2265	rVV2	128642	197688	0.23%	0.096%
39	16.428	2265	2268	2273	rVB3	147529	236393	0.27%	0.115%
40	16.522	2279	2284	2290	rVV2	649437	1265384	1.45%	0.613%
41	16.575	2290	2293	2299	rVB	72181	89213	0.10%	0.043%
42	16.657	2302	2307	2312	rVB	87124	113744	0.13%	0.055%
43	16.816	2331	2334	2339	rVV	90843	115631	0.13%	0.056%
44	16.886	2339	2346	2352	rVB2	80648	124585	0.14%	0.060%
45	17.163	2388	2393	2397	rBV	510419	701678	0.80%	0.340%
46	17.198	2397	2399	2404	rVB	272134	320721	0.37%	0.155%
47	17.286	2404	2414	2425	rBV	1683055	2568019	2.94%	1.244%
48	17.386	2425	2431	2438	rBV	1946305	2651111	3.03%	1.285%
49	17.463	2438	2444	2449	rVB	309941	471904	0.54%	0.229%
50	17.739	2486	2491	2494	rBV	100607	131191	0.15%	0.064%
51	17.886	2508	2516	2523	rBV2	729965	1481650	1.70%	0.718%
52	18.016	2531	2538	2543	rBV	395244	551589	0.63%	0.267%
53	18.139	2553	2559	2562	rBV	206619	277860	0.32%	0.135%
54	18.180	2562	2566	2576	rVB2	146483	286437	0.33%	0.139%
55	18.357	2591	2596	2602	rVV	227438	312386	0.36%	0.151%
56	18.416	2602	2606	2610	rVV	164615	217564	0.25%	0.105%
57	18.463	2610	2614	2620	rVB	144738	195359	0.22%	0.095%
58	18.645	2640	2645	2650	rVV2	205105	310125	0.35%	0.150%
59	18.686	2650	2652	2657	rVV	74828	93287	0.11%	0.045%
60	18.745	2657	2662	2665	rVV	116100	165527	0.19%	0.080%
61	18.780	2665	2668	2671	rVV	73797	92843	0.11%	0.045%
62	18.816	2671	2674	2680	rVB	141006	175569	0.20%	0.085%
63	19.180	2731	2736	2739	rBV	95436	134037	0.15%	0.065%
64	19.680	2815	2821	2827	rBV	2252568	2994150	3.43%	1.451%
65	21.186	3073	3077	3083	rBV	1994849	2148563	2.46%	1.041%
66	21.439	3108	3120	3122	rBV4	25235547	87407700	100.00%	42.351%
67	21.486	3126	3128	3143	rVB	1631175	2164998	2.48%	1.049%
68	23.762	3509	3515	3531	rVV2	1264019	2460970	2.82%	1.192%
69	23.910	3534	3540	3551	rVB	983056	1899801	2.17%	0.920%

Sum of corrected areas: 206391131

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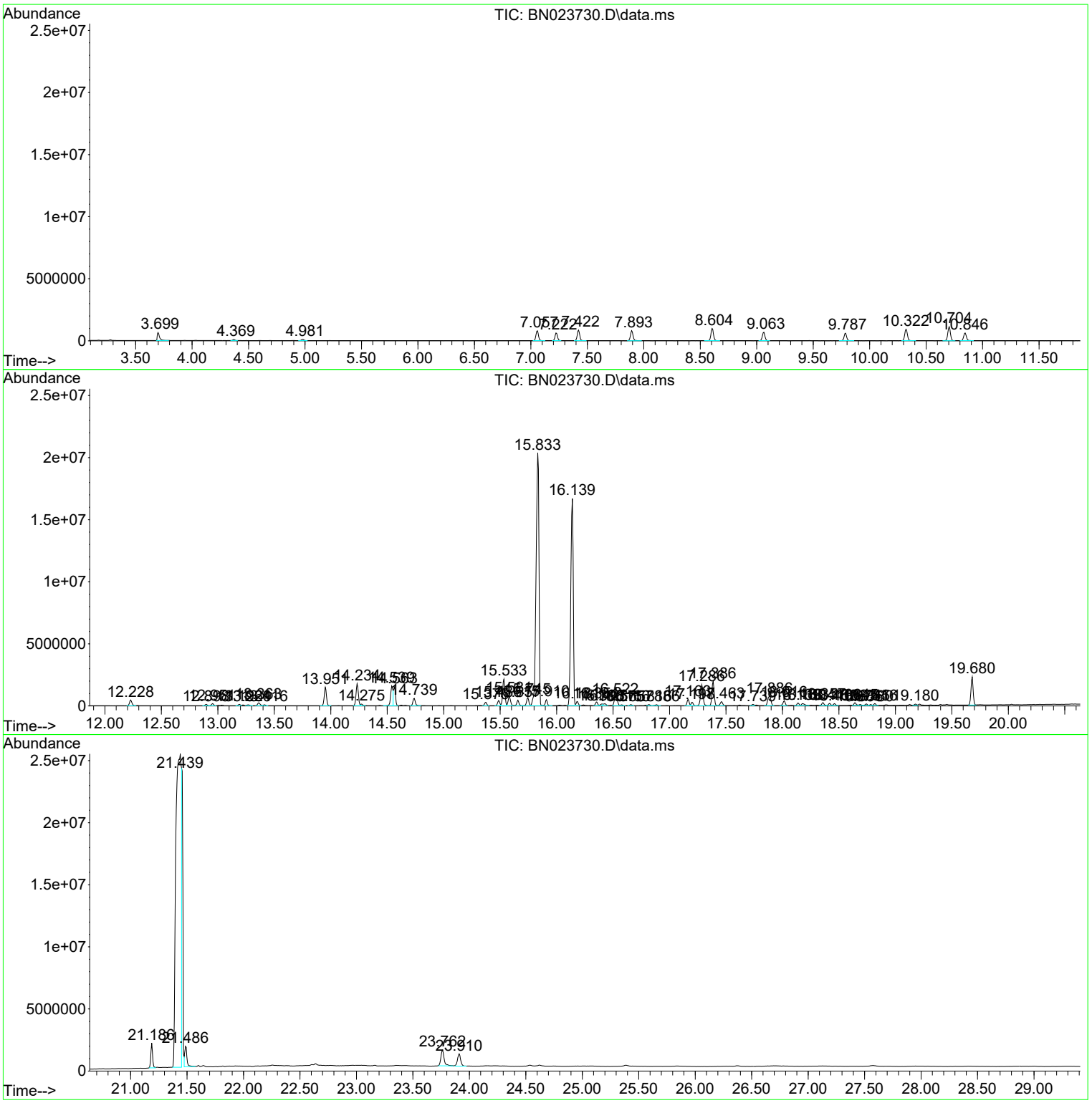
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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



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Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
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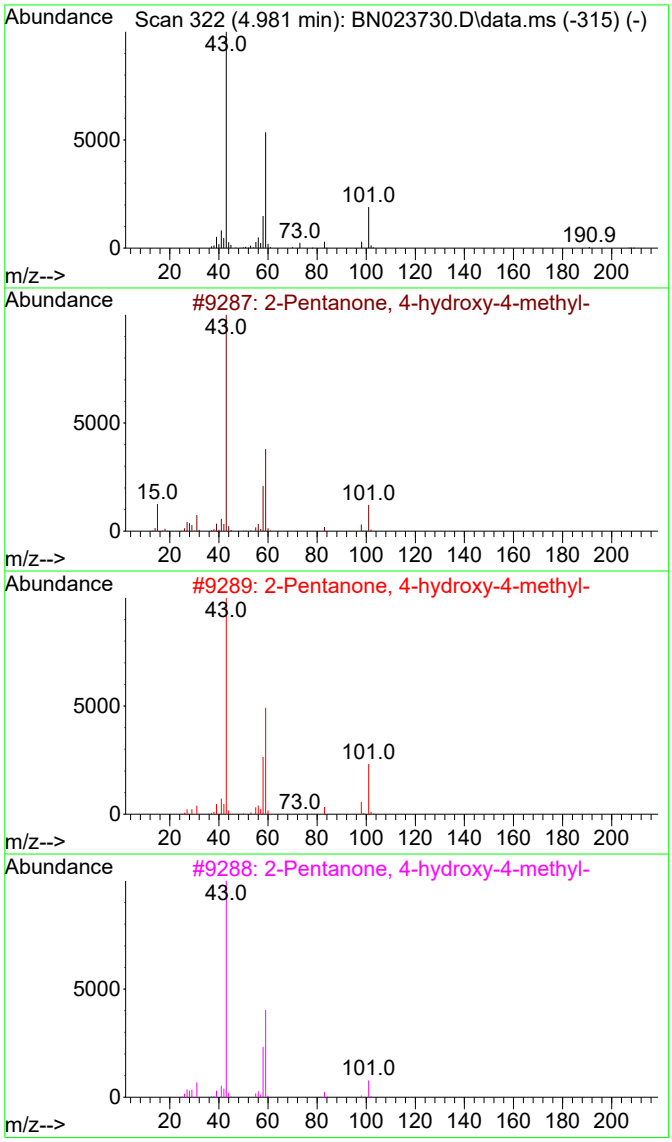
Quant Title : SVOA CALIBRATION

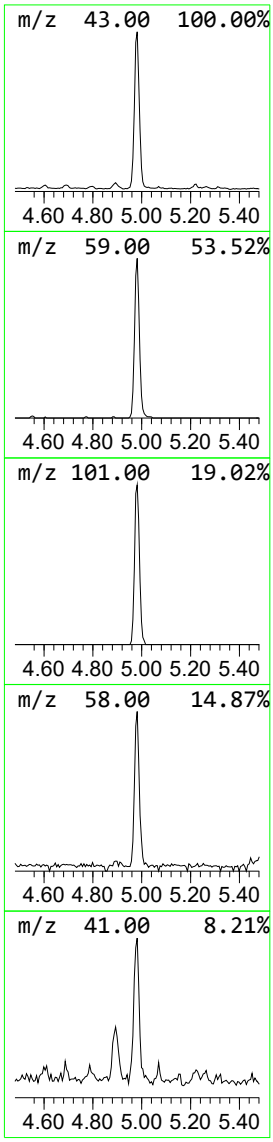
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	2.45 ng/ul	155412	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Dimethadione	129	C5H7NO3	000695-53-4	38
5	Tetraglyme	222	C10H22O5	000143-24-8	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

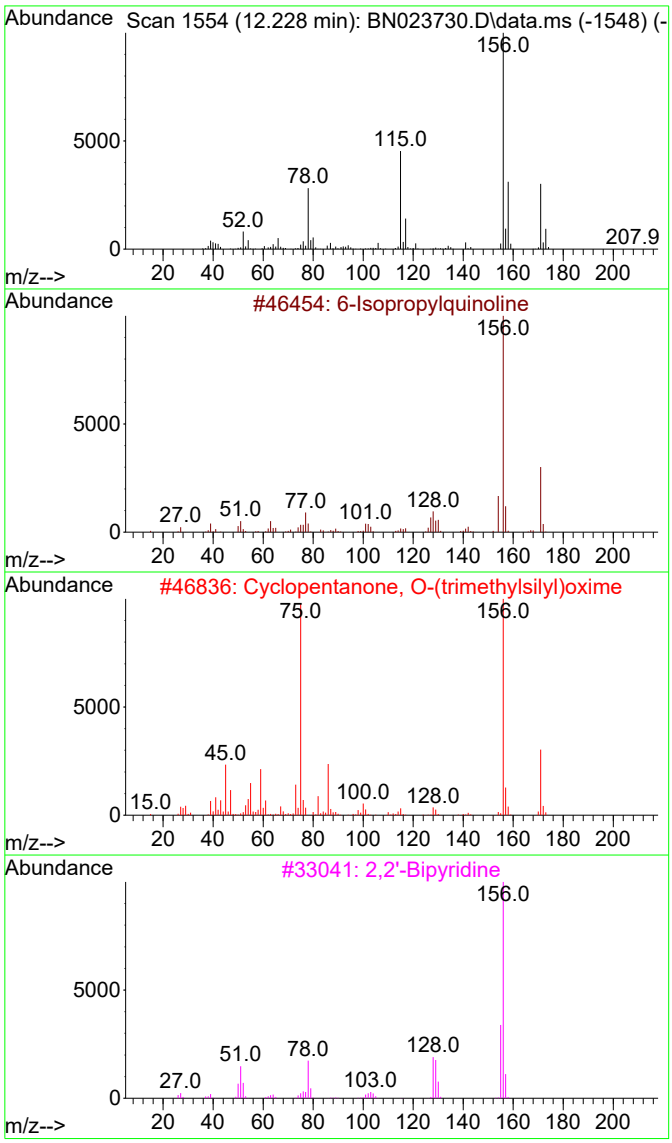
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

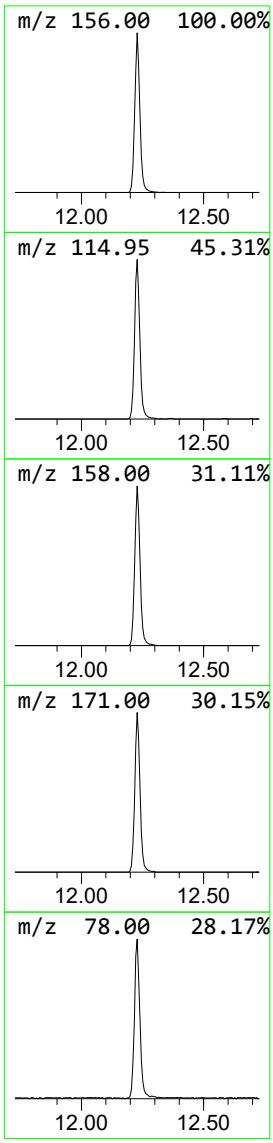
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.228	7.75 ng/ul	701610	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
2	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32
3	2,2'-Bipyridine	156	C10H8N2	000366-18-7	25
4	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	25
5	Tebuthiuron	228	C9H16N4OS	034014-18-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

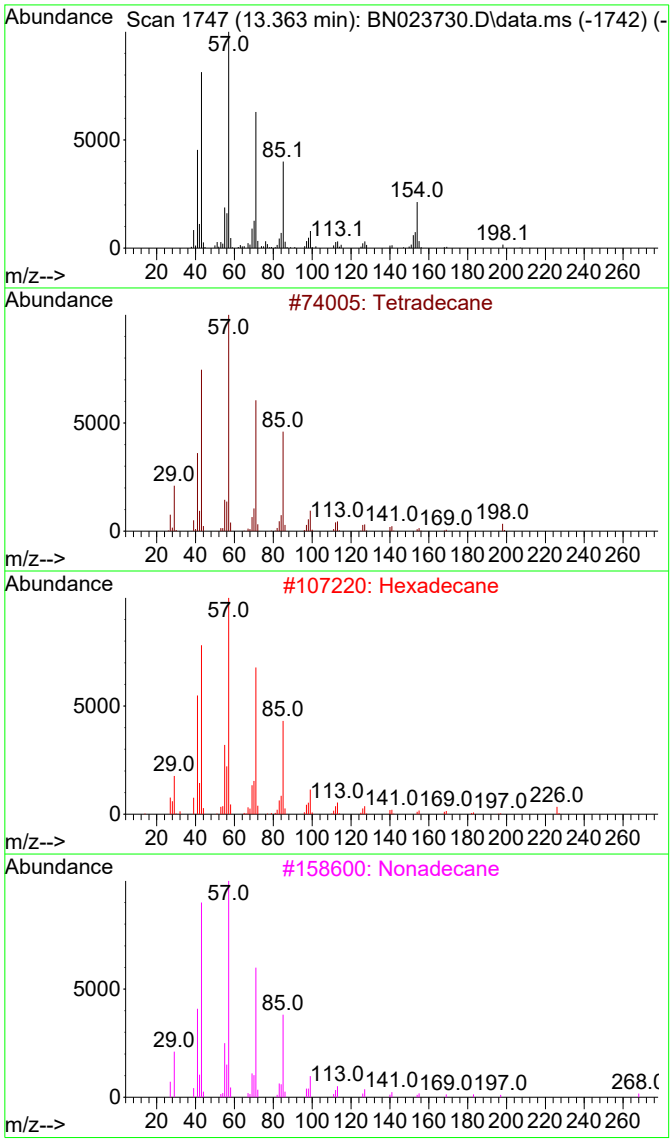
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

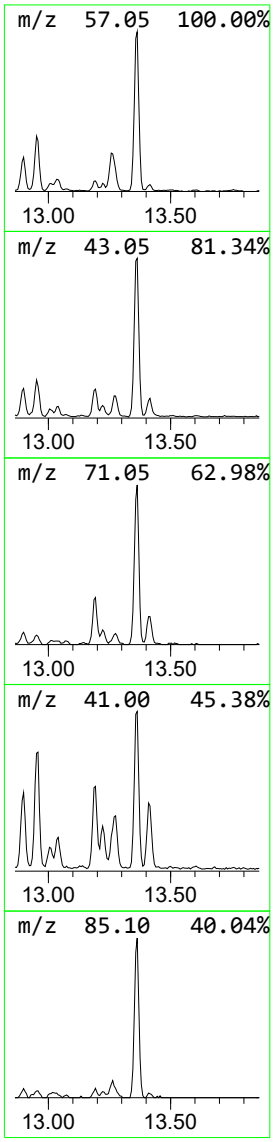
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	3.26 ng/ul	368784	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	68
3	Nonadecane	268	C19H40	000629-92-5	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

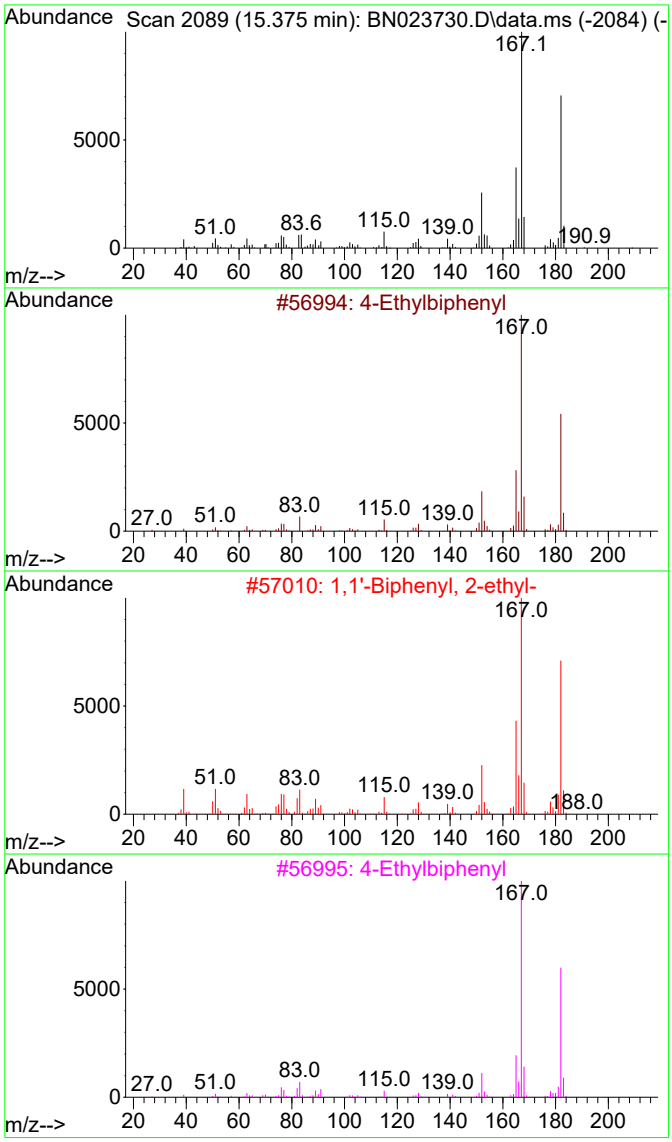
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

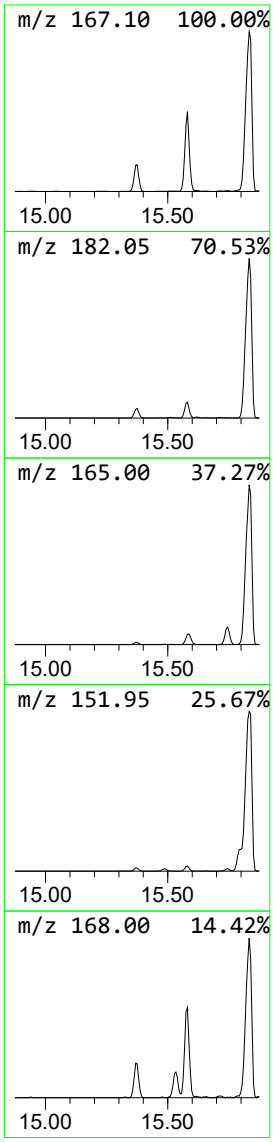
****

Peak Number 4 4-Ethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	3.30 ng/ul	372872	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	96
2	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	93
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	90
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	90
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

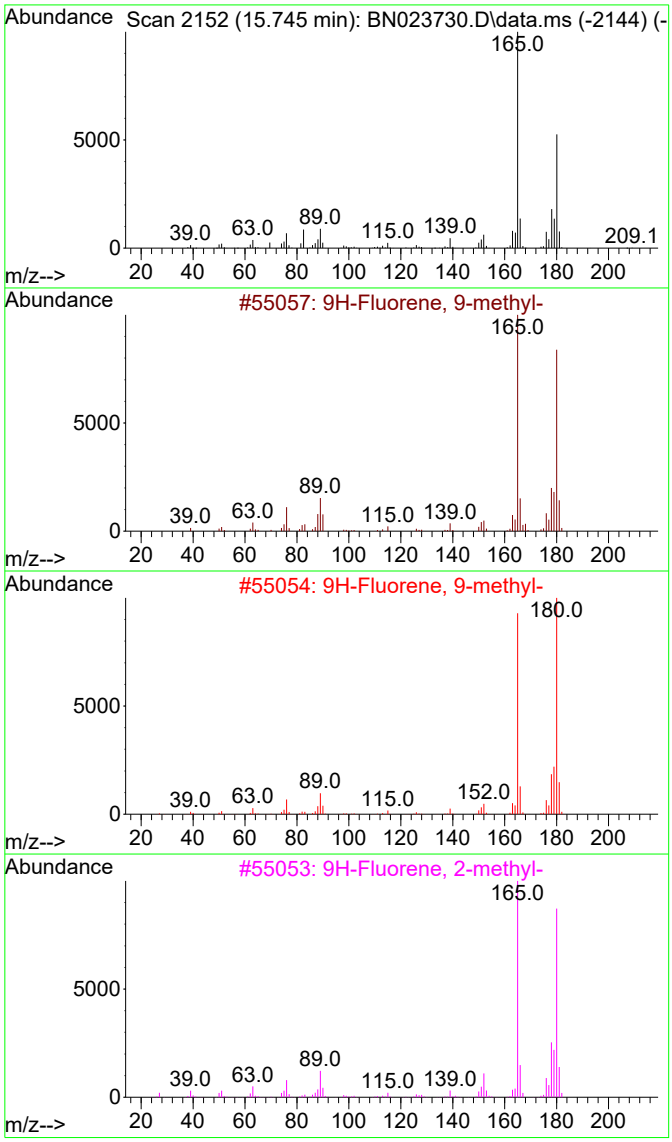
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

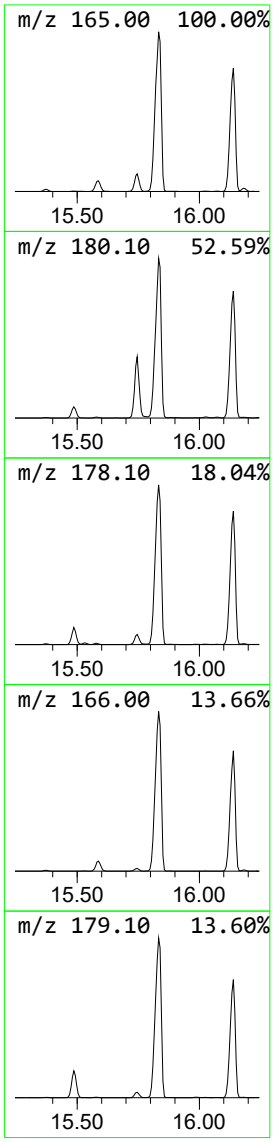
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	7.88 ng/ul	891294	Acenaphthene-d10	14.539

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	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

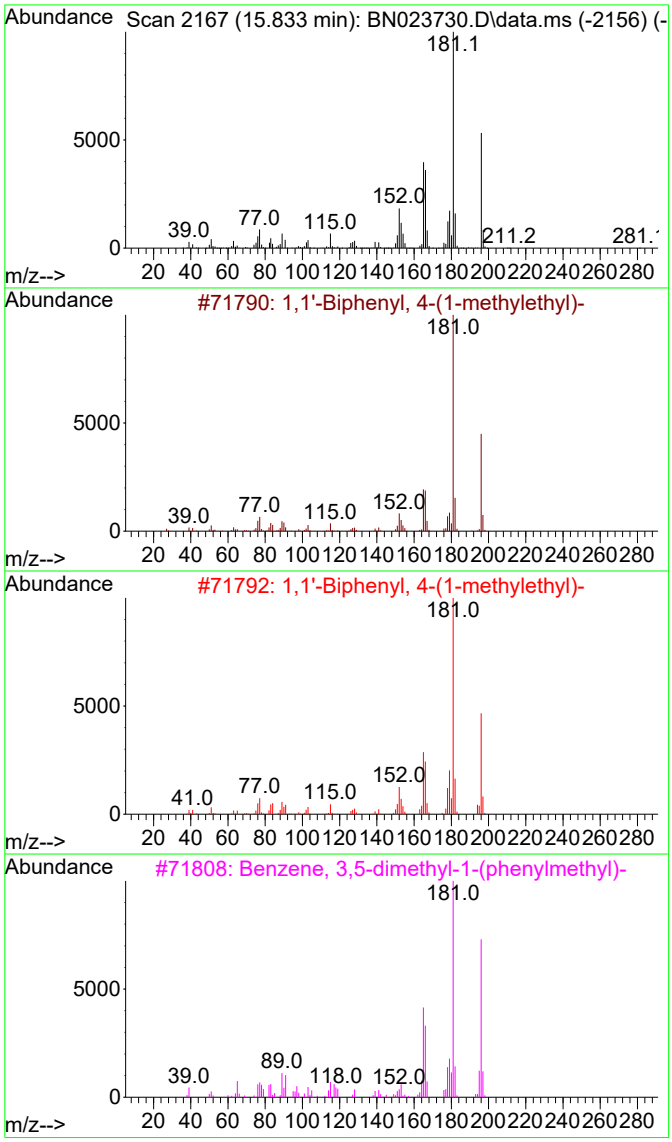
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

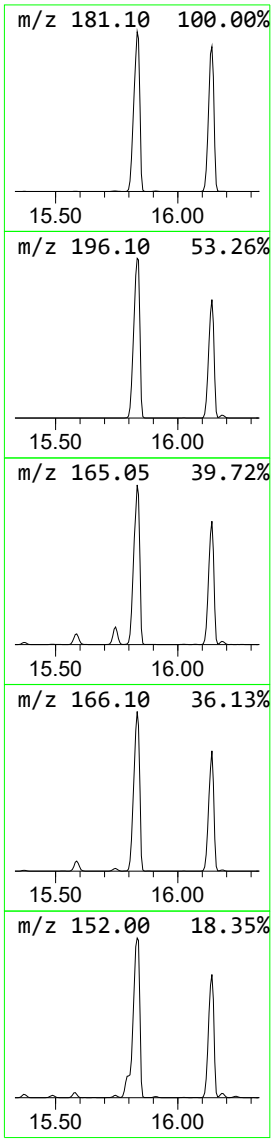
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	317.15 ng/ul	35862000	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
3	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

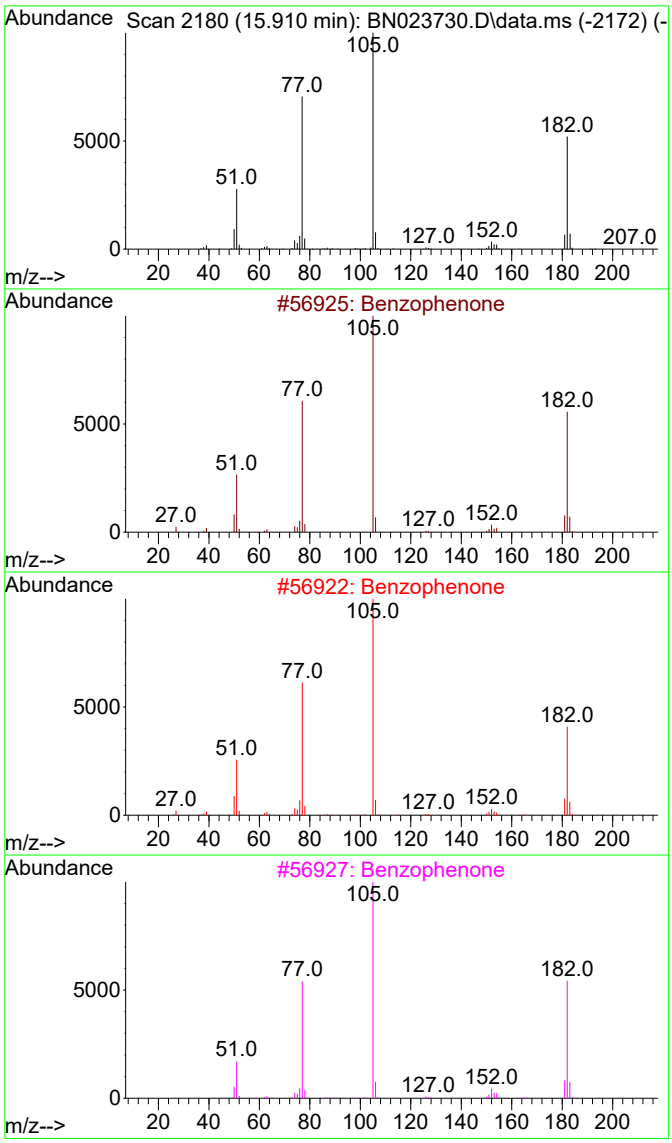
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

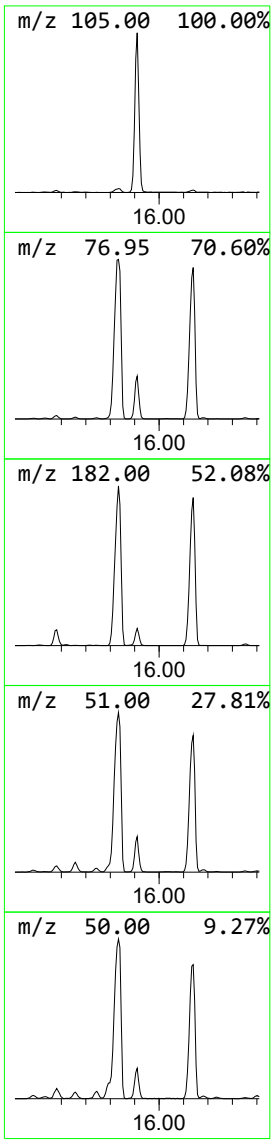
****

Peak Number 7 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	5.41 ng/ul	612206	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

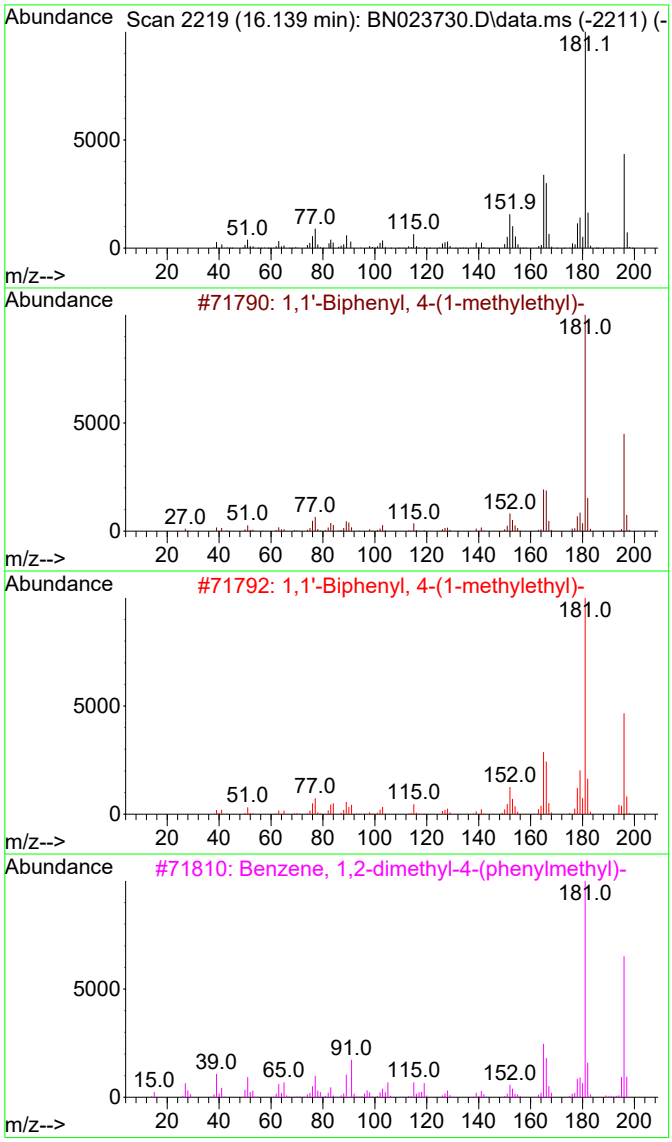
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

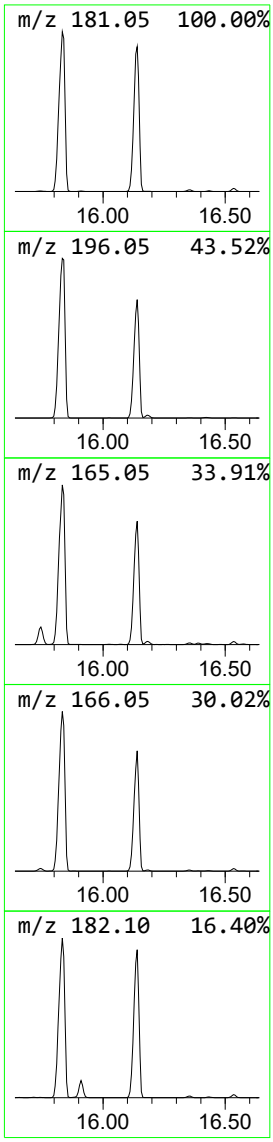
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2-dimethyl-4-(ph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	195.20 ng/ul	25064000	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	91





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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

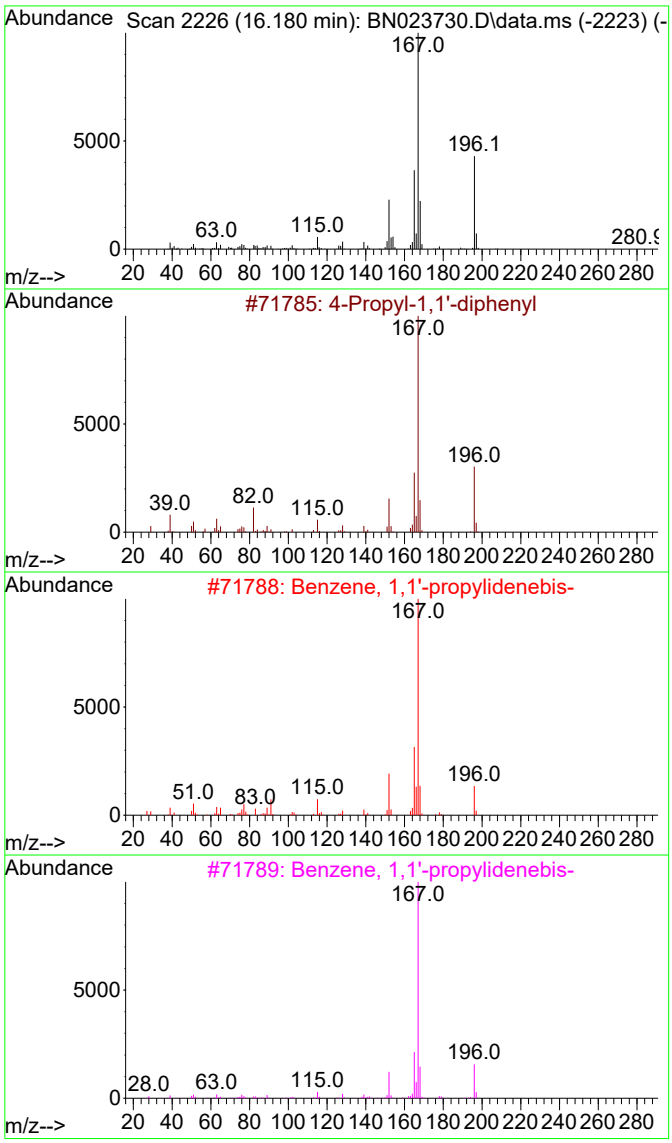
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

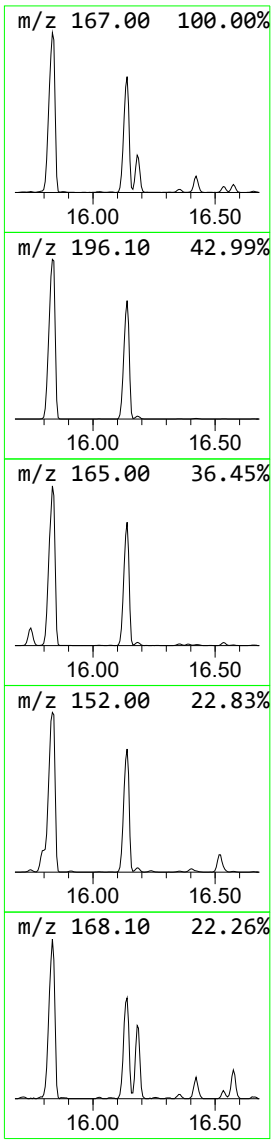
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	3.36 ng/ul	430835	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	87
2	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	72
3	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	72
4	(1,1'-Biphenyl)-4-ethanol	198	C14H14O	037729-18-3	64
5	Diphenylmethoxy acetic acid	242	C15H14O3	021409-25-6	53





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Data File : BN023730.D
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Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

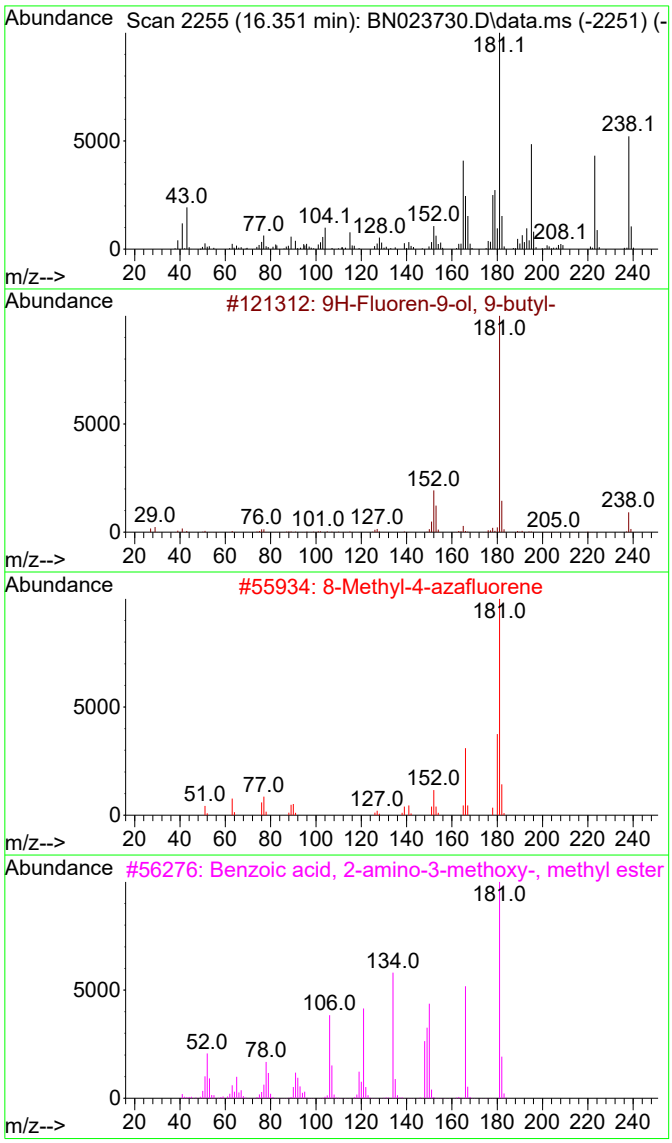
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

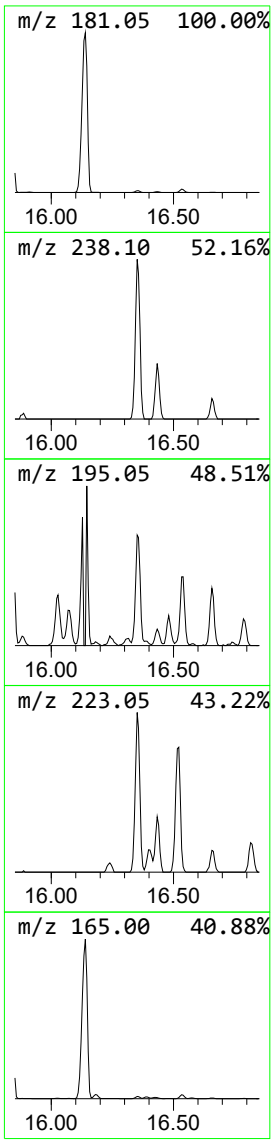
****

Peak Number 10 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	3.10 ng/ul	398080	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	38
2	8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	30
3	Benzoic acid, 2-amino-3-methoxy-...	181	C9H11NO3	005121-34-6	18
4	Benzene, 1,1'-(1,2-ethynediyl)bi...	238	C16H14O2	002132-62-9	18
5	5-Nitro-3-phenylindole	238	C14H10N2O2	014182-35-5	18





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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

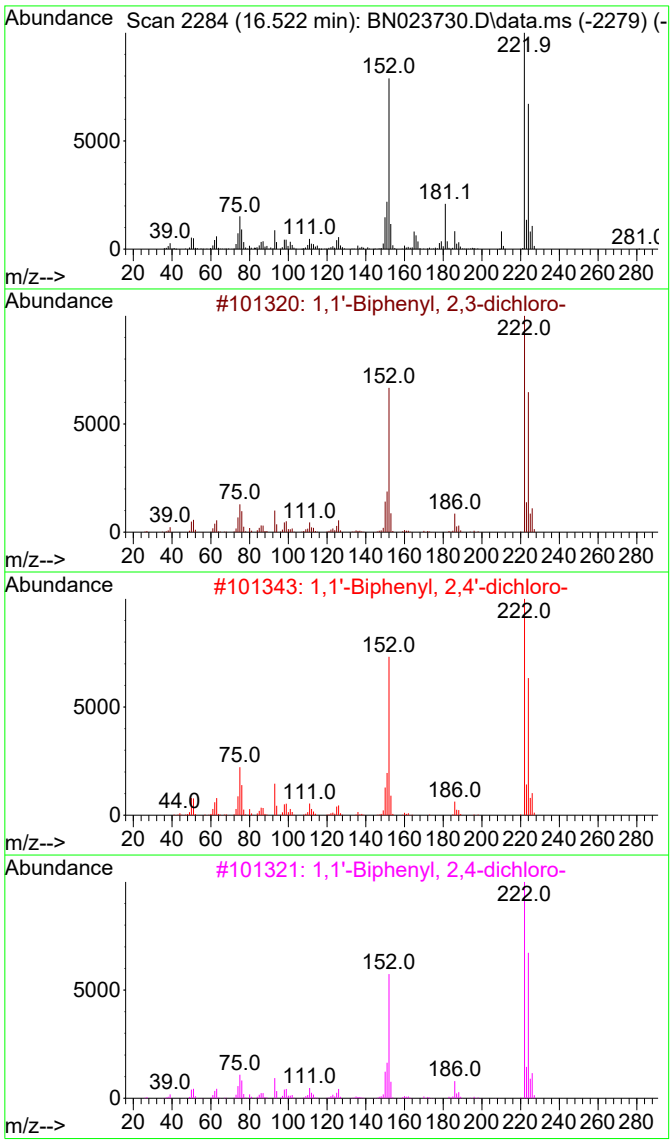
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

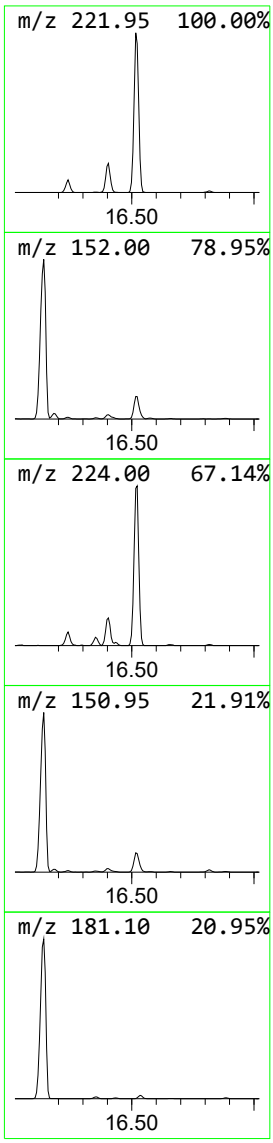
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.522	9.85 ng/ul	1265380	Phenanthrene-d10	17.286

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	034883-43-7	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98





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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

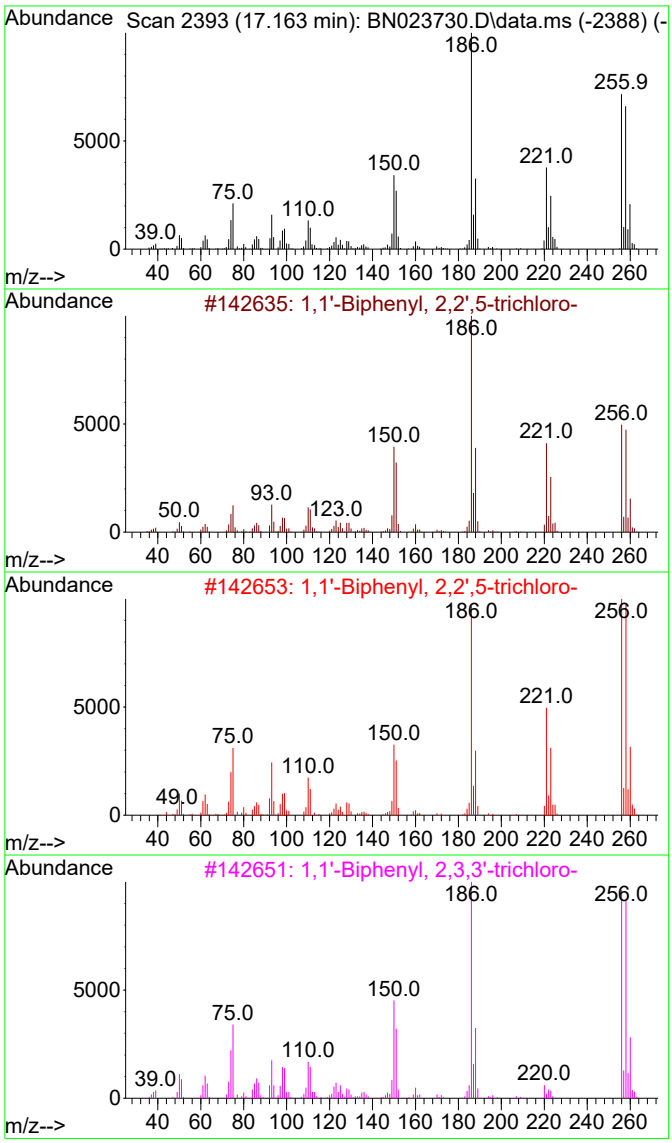
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

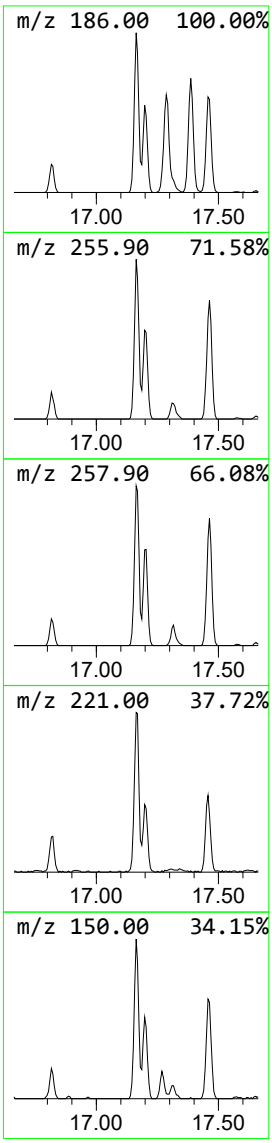
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	5.46 ng/ul	701678	Phenanthrene-d10	17.286

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





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Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

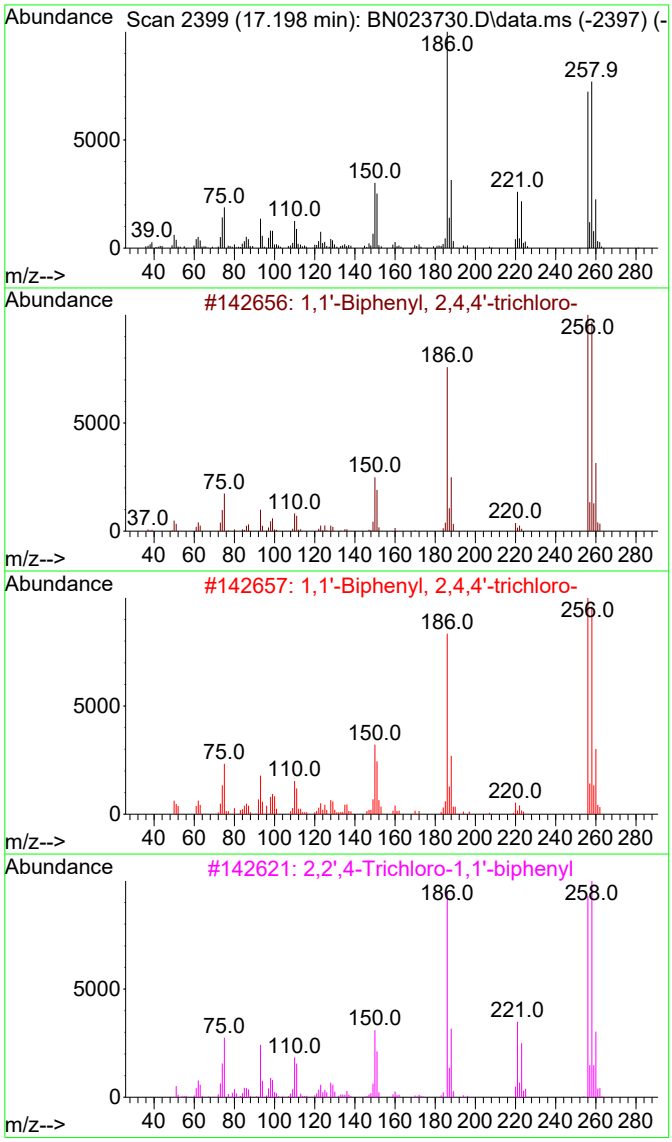
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

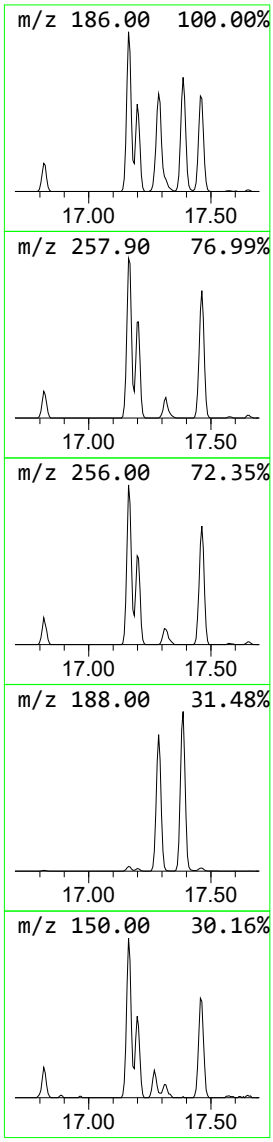
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.50 ng/ul	320721	Phenanthrene-d10	17.286

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98





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Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

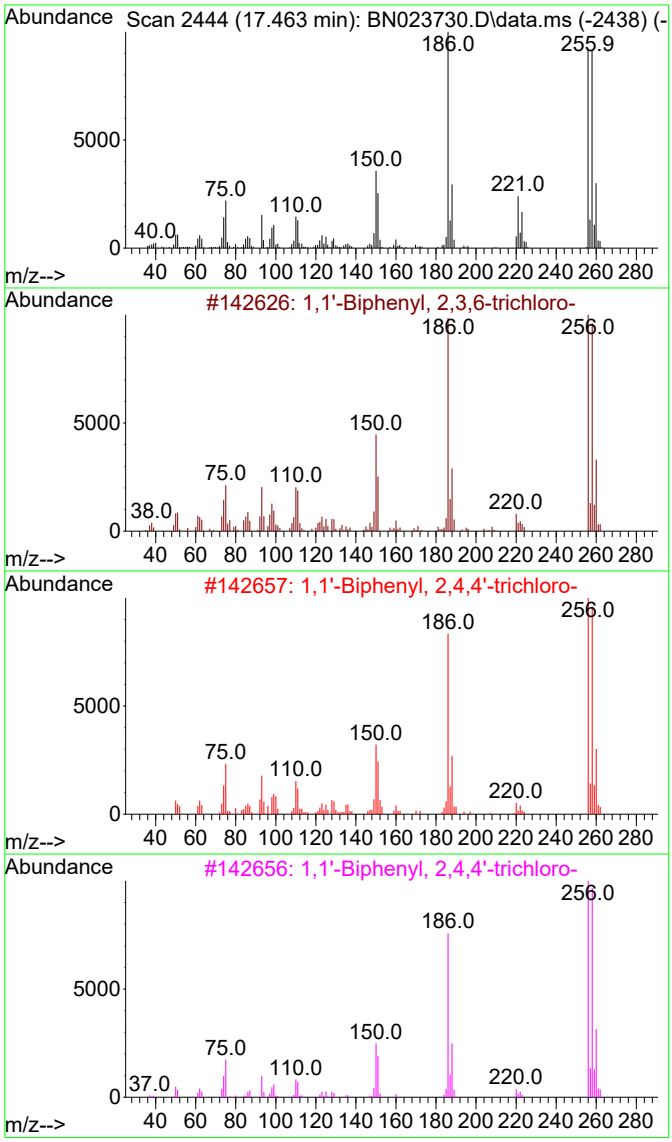
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

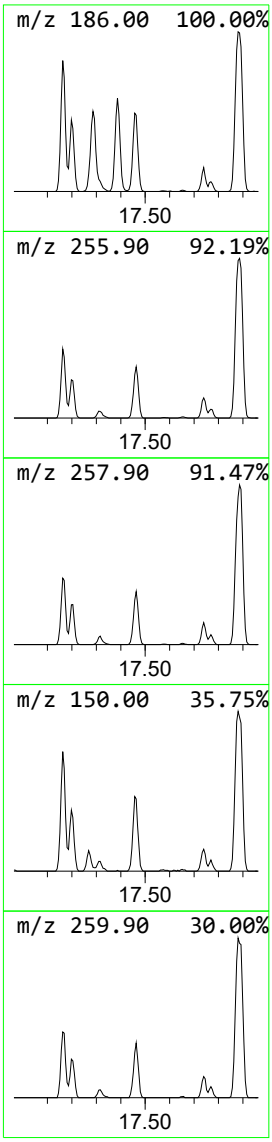
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	3.68 ng/ul	471904	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98





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Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

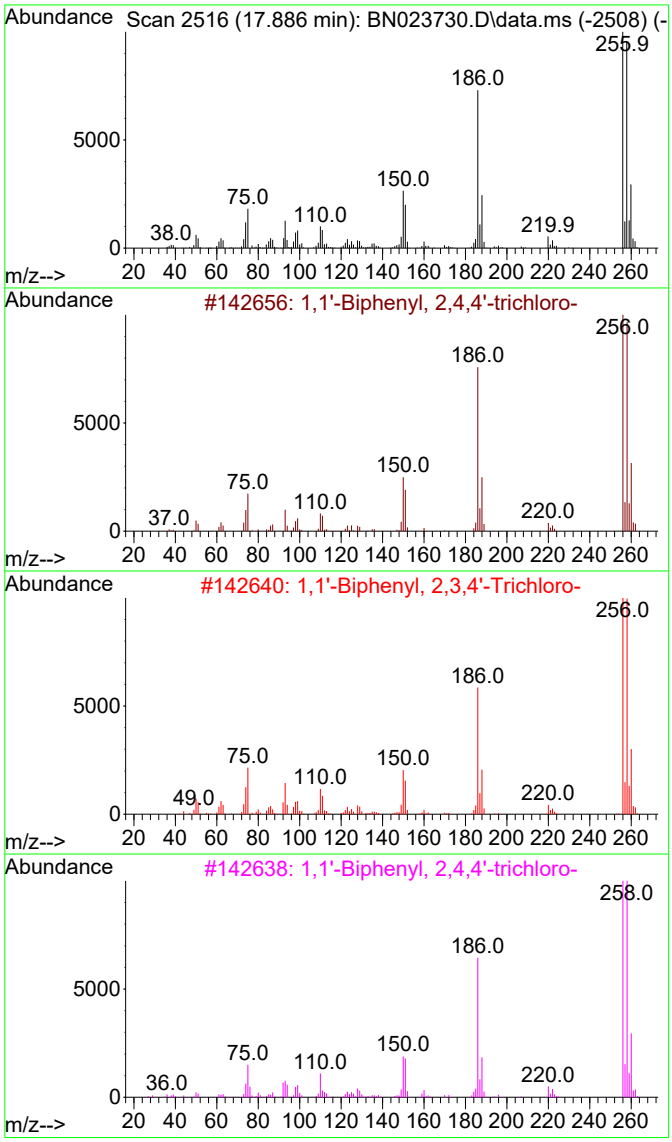
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

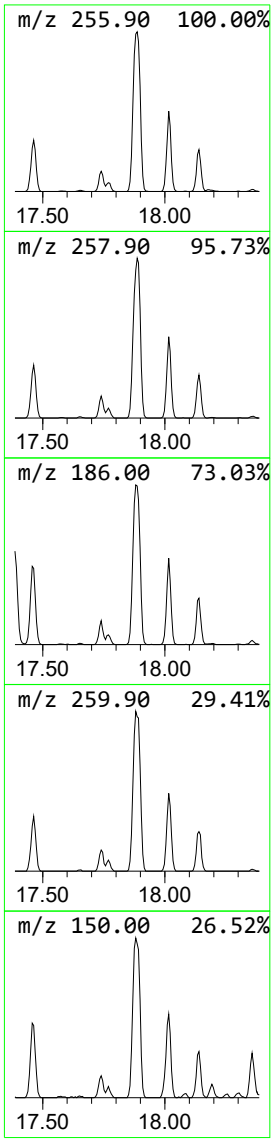
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	11.54 ng/ul	1481650	Phenanthrene-d10	17.286

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	038444-85-8	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

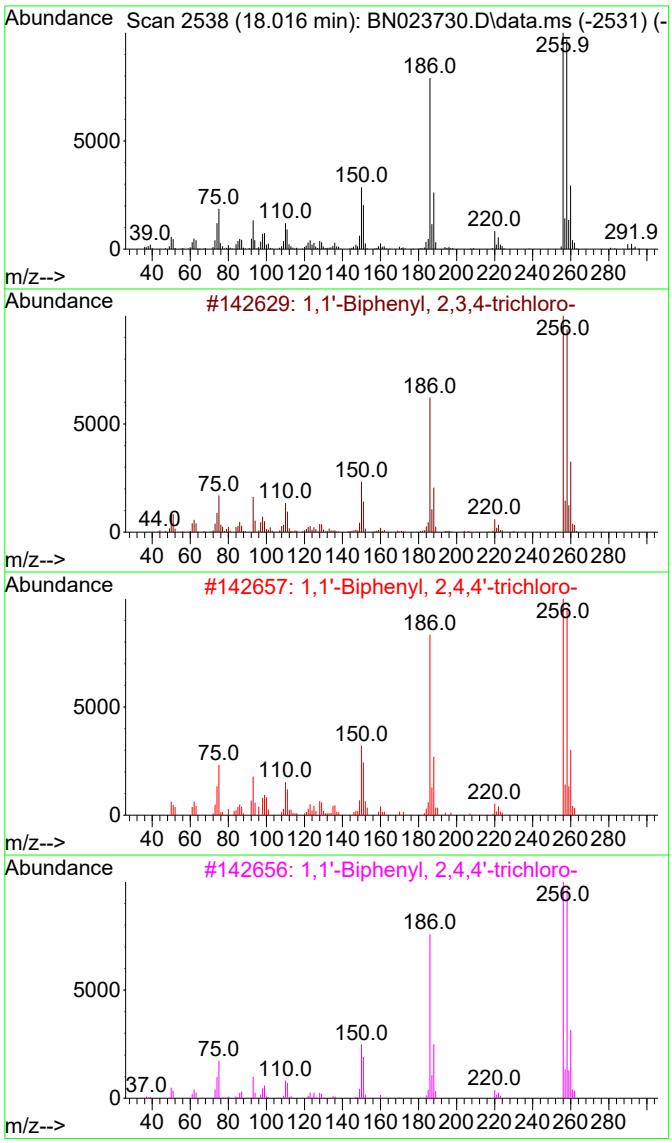
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

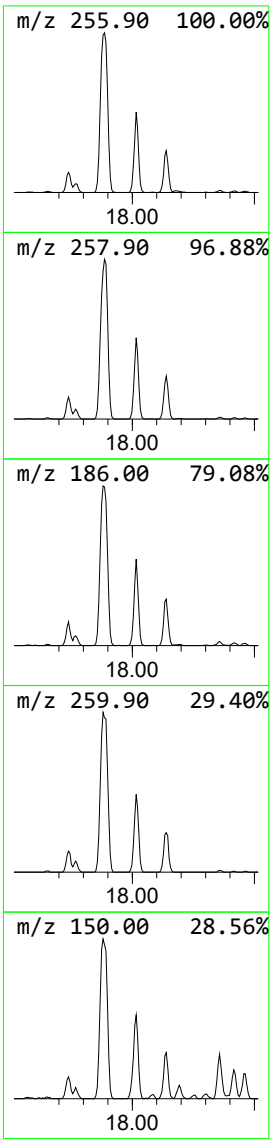
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	4.30 ng/ul	551589	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





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Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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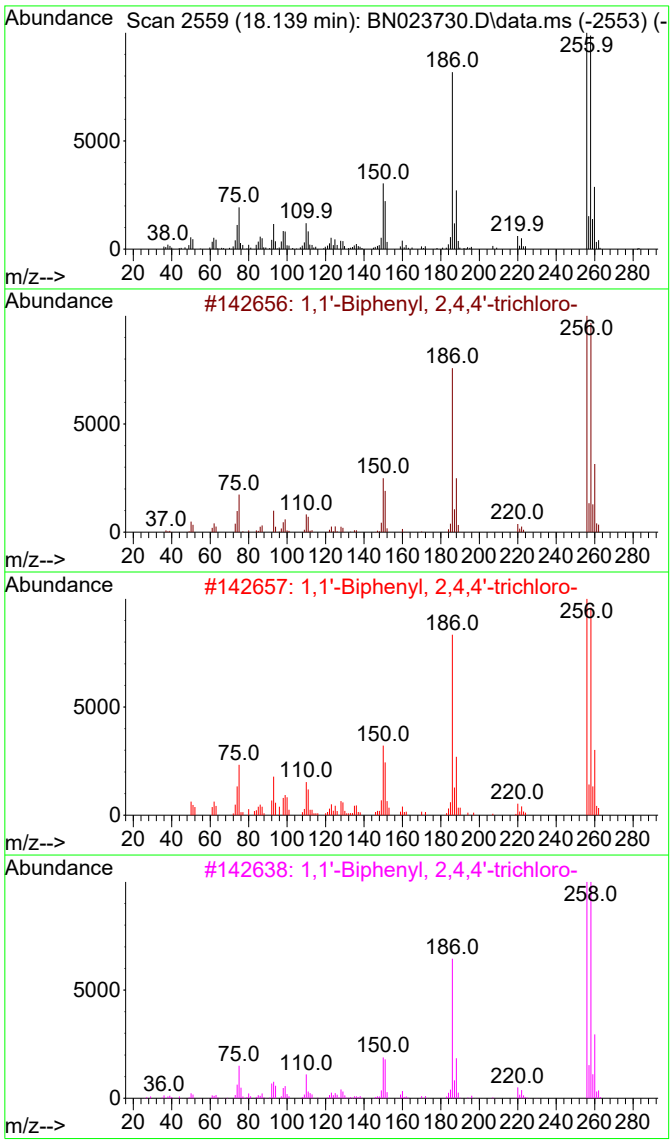
Quant Title : SVOA CALIBRATION

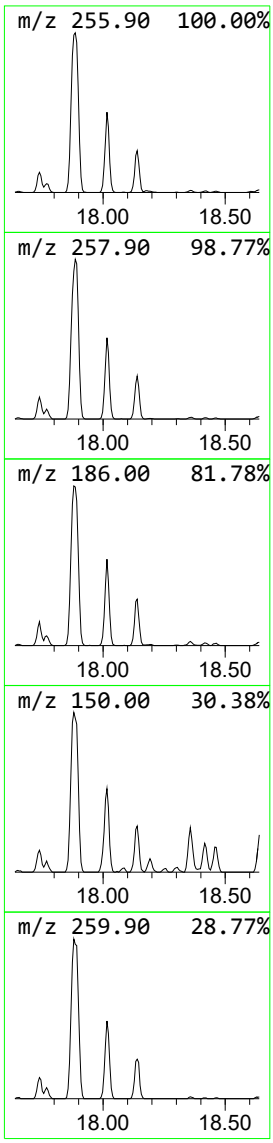
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.16 ng/ul	277860	Phenanthrene-d10	17.286

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, 2,4,4'-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, 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_N\Data\BN012023\
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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

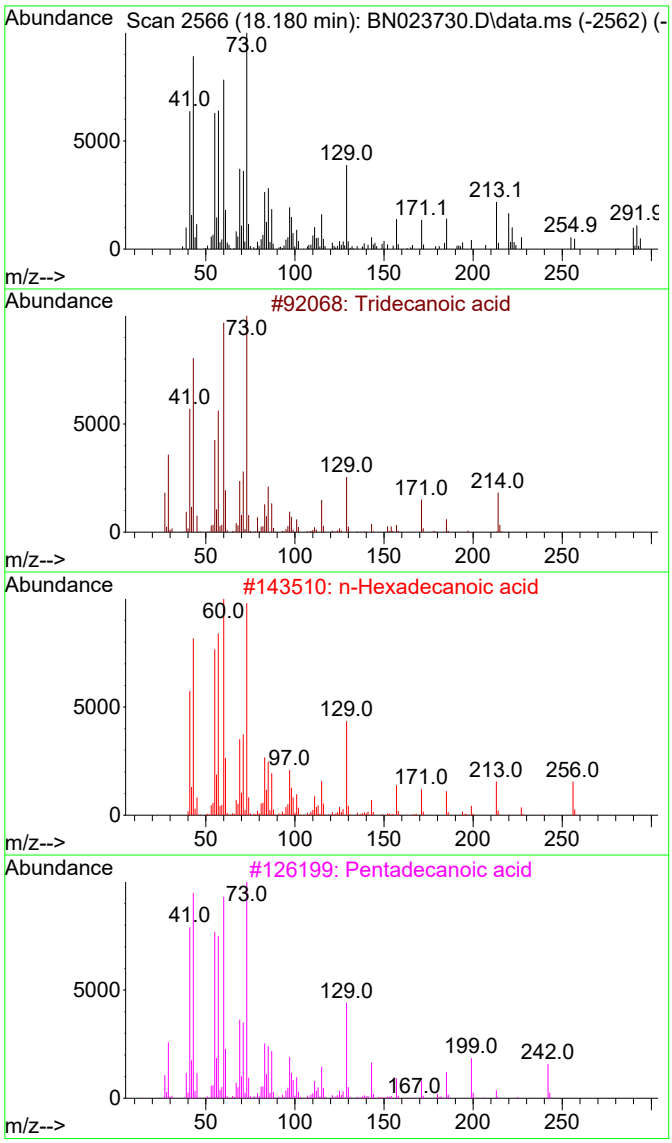
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

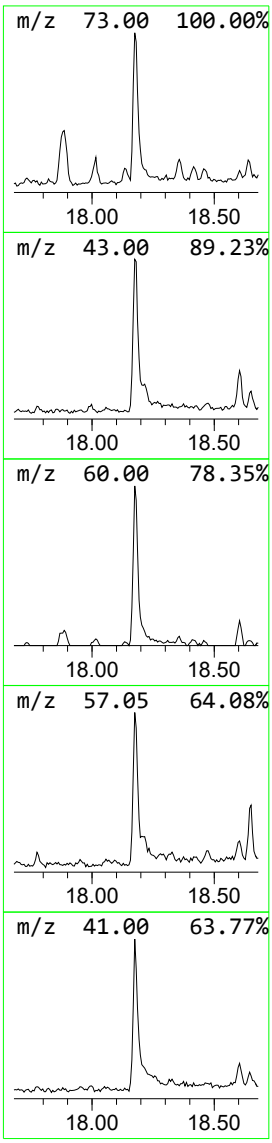
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.23 ng/ul	286437	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

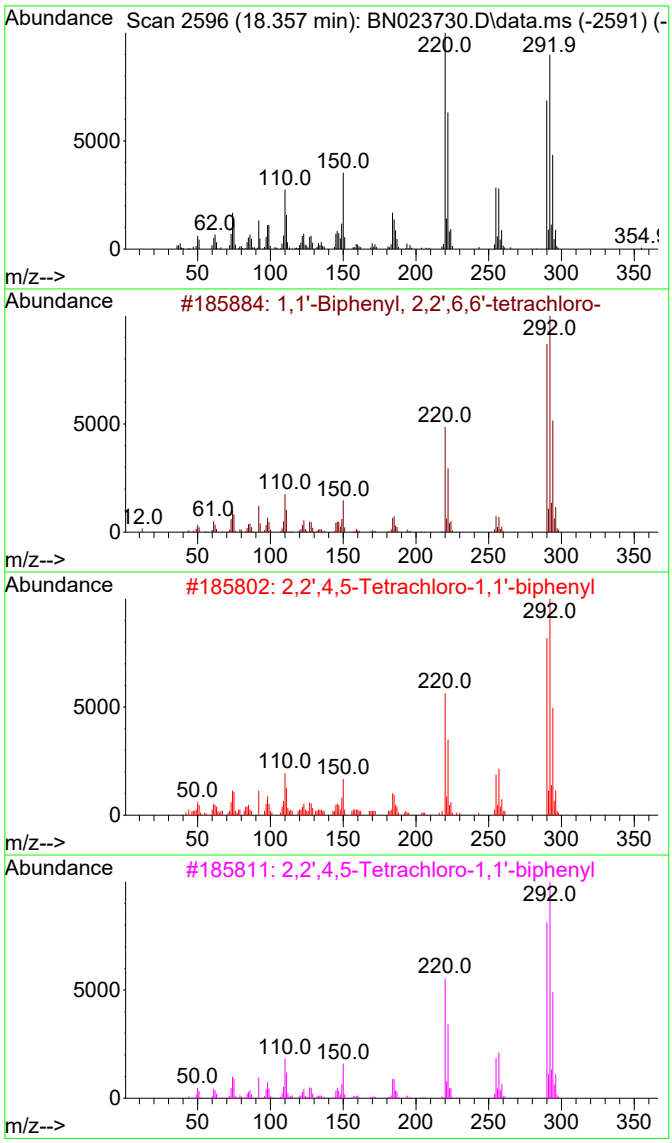
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

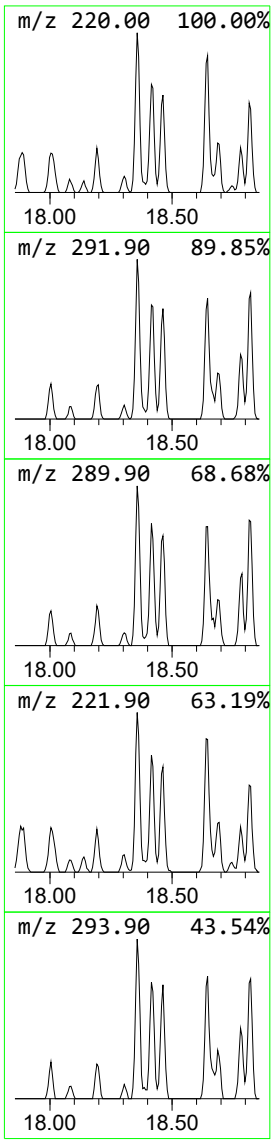
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.43 ng/ul	312386	Phenanthrene-d10	17.286

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	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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

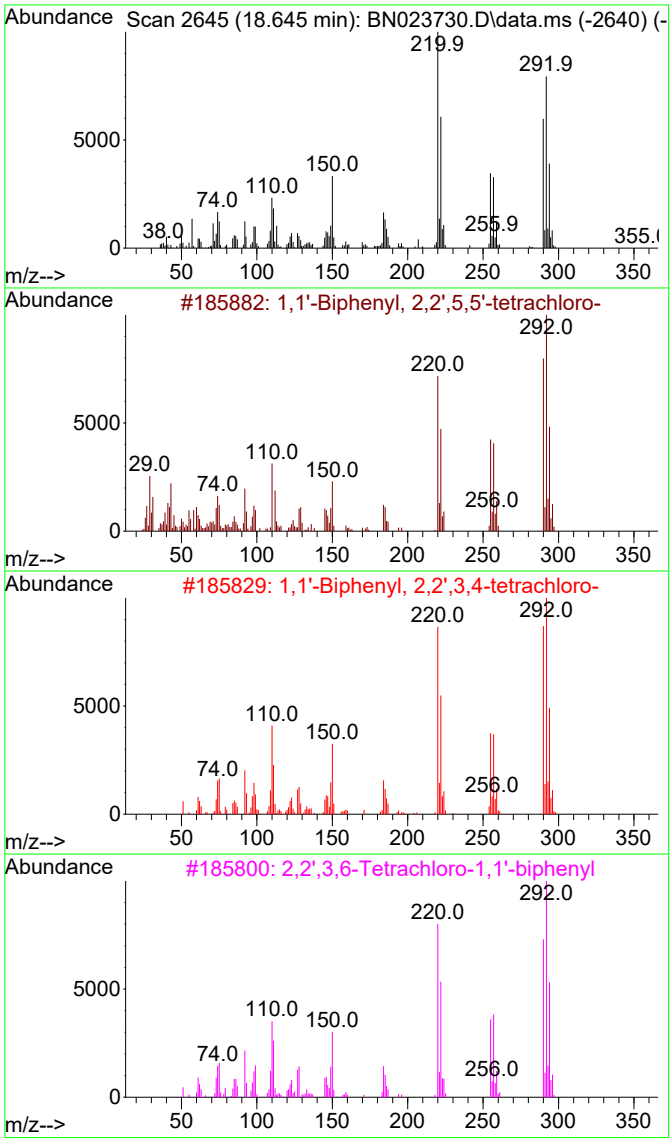
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

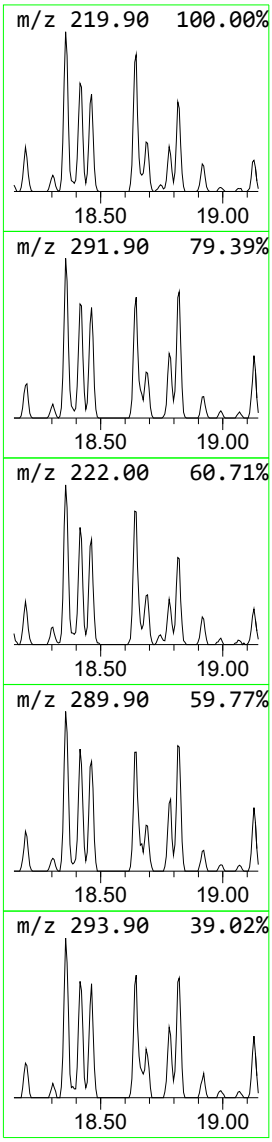
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	2.42 ng/ul	310125	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

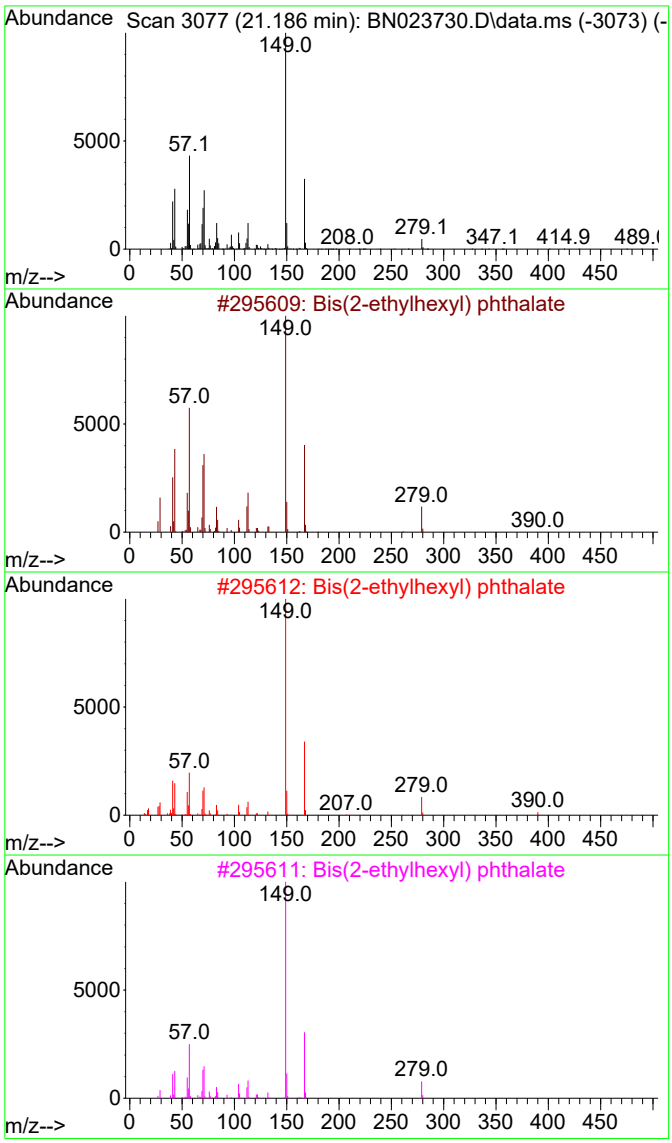
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

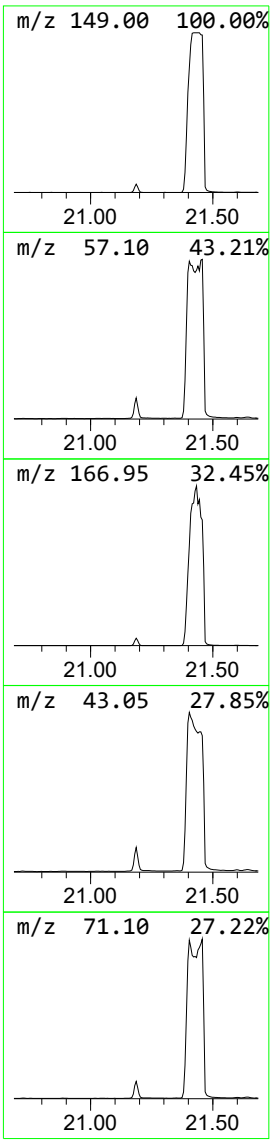
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phthalic acid, di(oct-3-yl)... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	19.85 ng/ul	2148560	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
5	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023730.D
Acq On : 20 Jan 2023 16:52
Operator : CG/JU
Sample : 01146-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4405ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.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
2-Pentanone, 4-...	4.981	2.5	ng/ul	155412	1	7.893	1267640	20.0
unknown-01	12.228	7.8	ng/ul	701610	2	10.704	1809630	20.0
(DEL) Alkane: S...	13.363	3.3	ng/ul	368784	3	14.539	2261520	20.0
4-Ethylbiphenyl	15.375	3.3	ng/ul	372872	3	14.539	2261520	20.0
9H-Fluorene, 9-...	15.745	7.9	ng/ul	891294	3	14.539	2261520	20.0
1,1'-Biphenyl, ...	15.834	317.1	ng/ul	35862000	3	14.539	2261520	20.0
Benzophenone	15.910	5.4	ng/ul	612206	3	14.539	2261520	20.0
Benzene, 1,2-di...	16.139	195.2	ng/ul	25064000	4	17.286	2568020	20.0
4-Propyl-1,1'-d...	16.180	3.4	ng/ul	430835	4	17.286	2568020	20.0
unknown-02	16.351	3.1	ng/ul	398080	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	16.522	9.8	ng/ul	1265380	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	17.163	5.5	ng/ul	701678	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	17.198	2.5	ng/ul	320721	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	17.463	3.7	ng/ul	471904	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	17.886	11.5	ng/ul	1481650	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	18.016	4.3	ng/ul	551589	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	18.139	2.2	ng/ul	277860	4	17.286	2568020	20.0
Tridecanoic acid	18.180	2.2	ng/ul	286437	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	18.357	2.4	ng/ul	312386	4	17.286	2568020	20.0
1,1'-Biphenyl, ...	18.645	2.4	ng/ul	310125	4	17.286	2568020	20.0
Phthalic acid, ...	21.186	19.9	ng/ul	2148560	5	21.492	2165000	20.0