LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43S7

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: BP013501.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	300	305	317	rVB3	119264	269623	0.27%	0.026%
2	7.063	652	659	672	rVB	1121217	1799904	1.82%	0.177%
3	7.228	681	687	697	rVB	879886	1335349	1.35%	0.131%
4	7.428	714	721	730	rBV	1151111	1757005	1.78%	0.173%
5	7.899	793	801	808	rBV	1758856	2758010	2.79%	0.271%
6	8.610	916	922	931	rVB	1340277	2118192	2.15%	0.208%
7	8.728	938	942	947	rBV	97640	161245	0.16%	0.016%
8	9.069	993	1000	1007	rBV	1026312	1665590	1.69%	0.164%
9	9.793	1115	1123	1135	rBV	885508	1433310	1.45%	0.141%
10	10.334	1208	1215	1229	rBV	1332231	2230146	2.26%	0.219%
11	10.710	1267	1279	1290	rBV	2258471	3777274	3.83%	0.371%
12	10.851	1297	1303	1318	rVB	1123334	1925263	1.95%	0.189%
13	12.893	1645	1650	1655	rBV	698593	931270	0.94%	0.091%
14	12.951	1655	1660	1666	rVB	1345792	1728022	1.75%	0.170%
15	13.187	1694	1700	1705	rBV	1193781	1673402	1.70%	0.164%
16	13.381	1722	1733	1736	rBV3	93935	244433	0.25%	0.024%
17	13.410	1736	1738	1748	rVB	111563	141370	0.14%	0.014%
18	13.957	1823	1831	1837	rBV	2276930	3127756	3.17%	0.307%
19	14.240	1873	1879	1883	rBV	2634109	3895013	3.95%	0.382%
20	14.275	1883	1885	1895	rVB	624354	768289	0.78%	0.075%
21	14.569	1920	1935	1941	rBV2	5839681	12670385	12.83%	1.244%
22	14.634	1941	1946	1947	rVV	168522	215371	0.22%	0.021%
23	14.669	1947	1952	1960	rVB	2037841	2741978	2.78%	0.269%
24	14.757	1961	1967	1976	rBV	848191	1376919	1.39%	0.135%
25	15.328	2058	2064	2068	rBV	235672	450308	0.46%	0.044%
26	15.381	2068	2073	2080	rVB	1176070	1684045	1.71%	0.165%
27	15.492	2086	2092	2096	rBV	2208152	3285339	3.33%	0.323%
28	15.545	2096	2101	2105	rVV	3449989	4980832	5.05%	0.489%
29	15.592	2105	2109	2114	rVB2	2735911	3954407	4.01%	0.388%
30	15.681	2119	2124	2129	rBV	1014274	1377764	1.40%	0.135%
31	15.757	2129	2137	2140	rBV	2502352	3513779	3.56%	0.345%
32	15.816	2140	2147	2149	rBV	40646784	77967659	78.97%	7.655%
33	15.928	2163	2166	2175	rVB	526730	654013	0.66%	0.064%
34	16.039	2177	2185	2189	rVV	500310	896003	0.91%	0.088%
35	16.087	2189	2193	2197	rVV	306895	532964	0.54%	0.052%
36	16.151	2197	2204	2206	rVV	42763543	82259665	83.32%	8.077%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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	16.198	2210	2212	2217	rVV	1990232	2121023	2.15%	0.208%
38	16.257	2217	2222	2229	rVV	3291998	4505747	4.56%	0.442%
39	16.322	2229	2233	2235	rVV5	100194	142889	0.14%	0.014%
40	16.363	2235	2240	2245	rVV	3155090	4359545	4.42%	0.428%
41	16.416	2245	2249	2259	rVB	8603695	13453877	13.63%	1.321%
42	16.539	2263	2270	2276	rVV	35477302	54586177	55.29%	5.359%
43	16.592	2276	2279	2284	rVB	151403	190882	0.19%	0.019%
44	16.669	2288	2292	2298	rVB	668465	910924	0.92%	0.089%
45	16.834	2310	2320	2326	rBV	12380951	17021684	17.24%	1.671%
46	16.898	2326	2331	2336	rVB2	399471	569185	0.58%	0.056%
47	17.081	2358	2362	2370	rBV4	183257	425863	0.43%	0.042%
48	17.186	2373	2380	2383	rBV2	24584468	37056549	37.53%	3.638%
49	17.222	2383	2386	2392	rVV	25786308	35440014	35.90%	3.480%
50	17.298	2392	2399	2404	rVV2	16853299	29530411	29.91%	2.899%
51	17.334	2404	2405	2413	rVV	4762127	4774505	4.84%	0.469%
52	17.410	2413	2418	2424	rVB	3742158	5169060	5.24%	0.508%
53	17.486	2424	2431	2437	rBV2	23786299	37043698	37.52%	3.637%
54	17.592	2445	2449	2454	rBV	254389	458265	0.46%	0.045%
55	17.645	2454	2458	2460	rVV	507008	654049	0.66%	0.064%
56	17.675	2460	2463	2472	rVB2	606197	941539	0.95%	0.092%
57	17.757	2472	2477	2480	rBV	9137134	12486173	12.65%	1.226%
58	17.792	2480	2483	2488	rVB	4446228	5518235	5.59%	0.542%
59	17.845	2489	2492	2495	rBV	132450	175125	0.18%	0.017%
60	17.916	2495	2504	2510	rBV2	40676496	98725772	100.00%	9.693%
61	18.033	2516	2524	2530	rBV2	26153021	39998685	40.51%	3.927%
62	18.098	2530	2535	2539	rVV	2185196	2865179	2.90%	0.281%
63	18.151	2539	2544	2548	rVV	20690713	27343429	27.70%	2.685%
64	18.204	2548	2553	2559	rVV	5833003	8522544	8.63%	0.837%
65	18.257	2559	2562	2565	rVV	161336	215879	0.22%	0.021%
66	18.304	2566	2570	2575	rVV	2063929	2886890	2.92%	0.283%
67	18.363	2575	2580	2586	rVV	19865734	27990460	28.35%	2.748%
68	18.422	2586	2590	2593	rVV	15919716	20694392	20.96%	2.032%
69	18.463	2593	2597	2602	rVB	17064590	20974286	21.24%	2.059%
70	18.633	2620	2626	2631	rBV	16561387	25013482	25.34%	2.456%
71	18.680	2631	2634	2639	rVV	8154162	10134891	10.27%	0.995%
72	18.733	2639	2643	2646	rVV	11704038	14734775	14.92%	1.447%
73	18.769	2646	2649	2652	rVV	8425043	10760916	10.90%	1.057%
74	18.804	2652	2655	2661	rVB	16180837	21031188	21.30%	2.065%
75	18.869	2662	2666	2668	rBV	282704	367725	0.37%	0.036%
76	18.904	2668	2672	2677	rVB	4111943	4936380	5.00%	0.485%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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	18.969	2679	2683	2687	rVB	823201	981708	0.99%	0.096%
78	19.045	2692	2696	2700	rVB	701339	912939	0.92%	0.090%
79	19.104	2701	2706	2709	rBV	6382338	7790398	7.89%	0.765%
80	19.151	2709	2714	2717	rVV	10298849	13908381	14.09%	1.366%
81	19.186	2717	2720	2725	rVB2	8419521	11798756	11.95%	1.158%
82	19.257	2729	2732	2736	rBV	818898	986651	1.00%	0.097%
83	19.392	2750	2755	2757	rBV	2655308	3587503	3.63%	0.352%
84	19.451	2762	2765	2771	rVV	1614011	2085501	2.11%	0.205%
85	19.510	2772	2775	2779	rVB	556542	680867	0.69%	0.067%
86	19.645	2793	2798	2804	rBV	5300975	6781307	6.87%	0.666%
87	19.704	2805	2808	2813	rVB2	355716	505180	0.51%	0.050%
88	19.780	2818	2821	2826	rBV2	375905	497351	0.50%	0.049%
89	19.886	2835	2839	2843	rVB	803920	984015	1.00%	0.097%
90	19.927	2843	2846	2850	rBV2	537653	764026	0.77%	0.075%
91	19.969	2850	2853	2858	rVB	548797	662099	0.67%	0.065%
92	20.192	2887	2891	2899	rBV2	749377	1145665	1.16%	0.112%
93	20.492	2939	2942	2944	rBV	514994	620371	0.63%	0.061%
94	20.533	2945	2949	2955	rVB	2324256	3117250	3.16%	0.306%
95	20.663	2969	2971	2976	rBV2	378363	547024	0.55%	0.054%
96	21.092	3039	3044	3055	rVB	15306801	22329949	22.62%	2.192%
97	21.298	3074	3079	3083	rBV3	37585426	83331591	84.41%	8.182%
98	21.527	3115	3118	3121	rBV	1947330	2208360	2.24%	0.217%
99	23.710	3484	3489	3497	rVB2	3717450	7319146	7.41%	0.719%
100	23.874	3512	3517	3527	rVB2	3874838	7917622	8.02%	0.777%

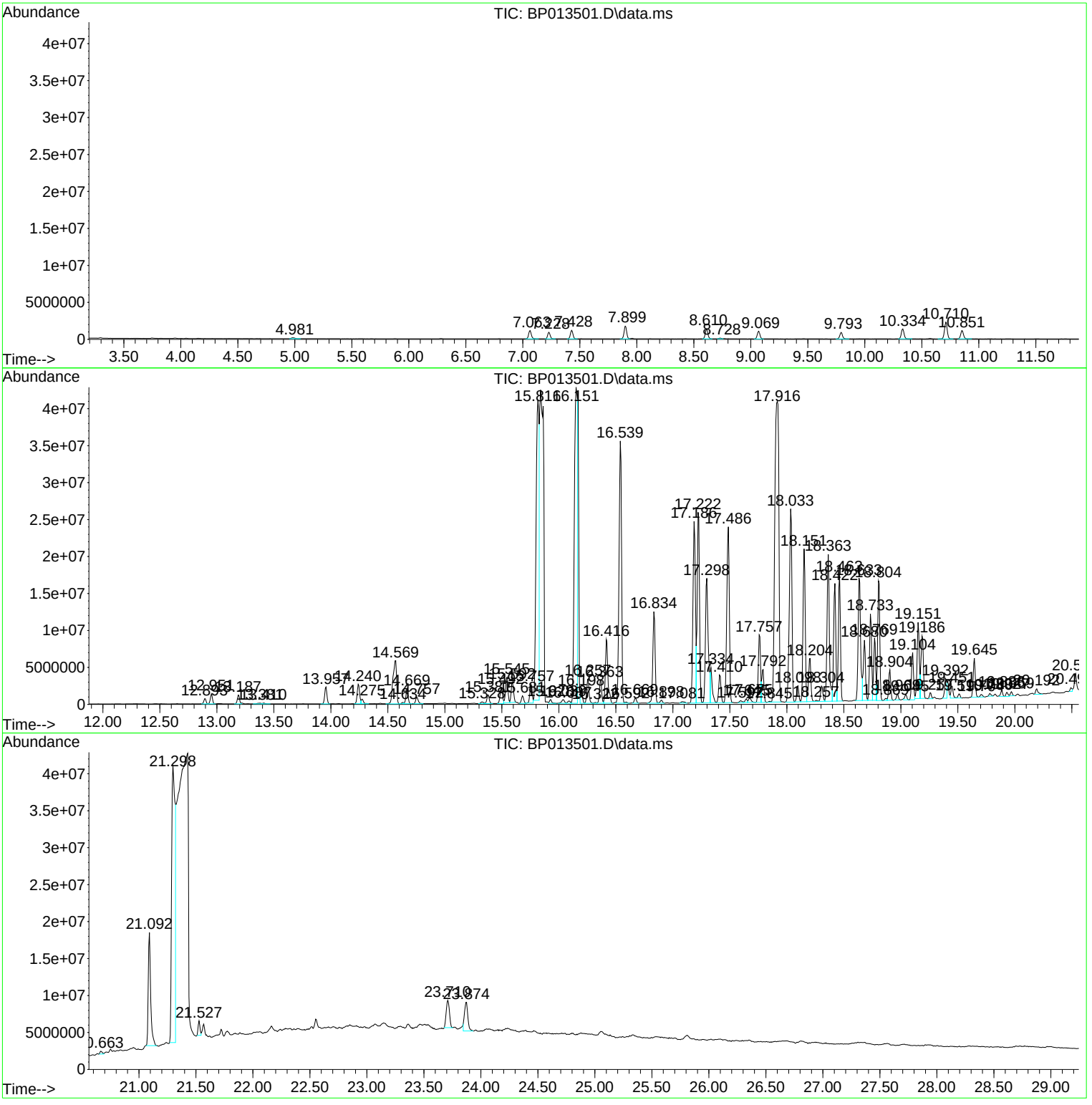
Sum of corrected areas: 1018497849

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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 : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

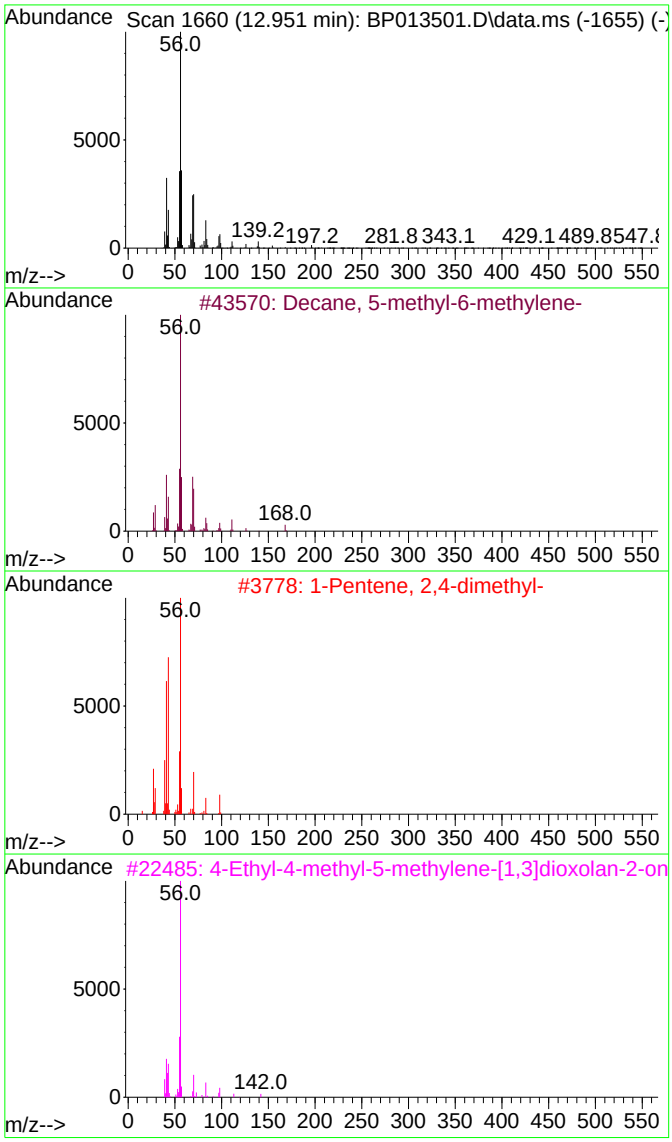
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

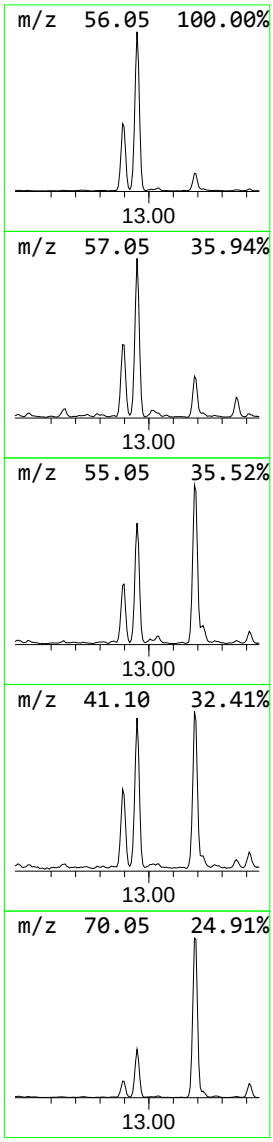
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	2.73 ng/ul	1728020	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	78
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64
3	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	64
4	Undecane, 5-methylene-	168	C12H24	005698-48-6	64
5	1-Decene, 2-methyl-	154	C11H22	013151-27-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

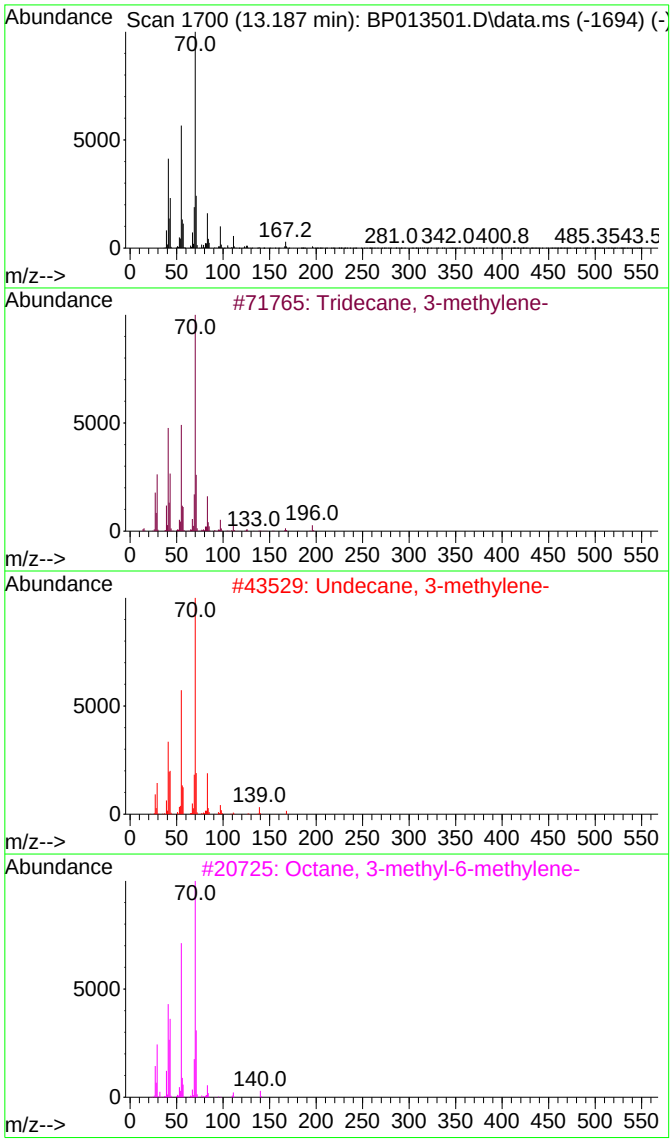
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

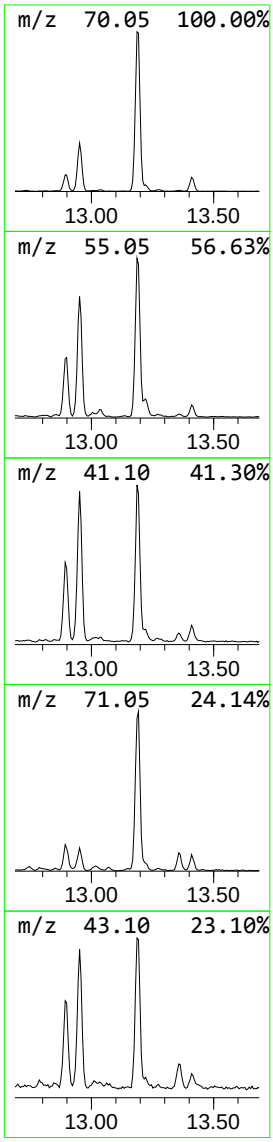
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.187	2.64 ng/ul	1673400	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	90
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	72
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

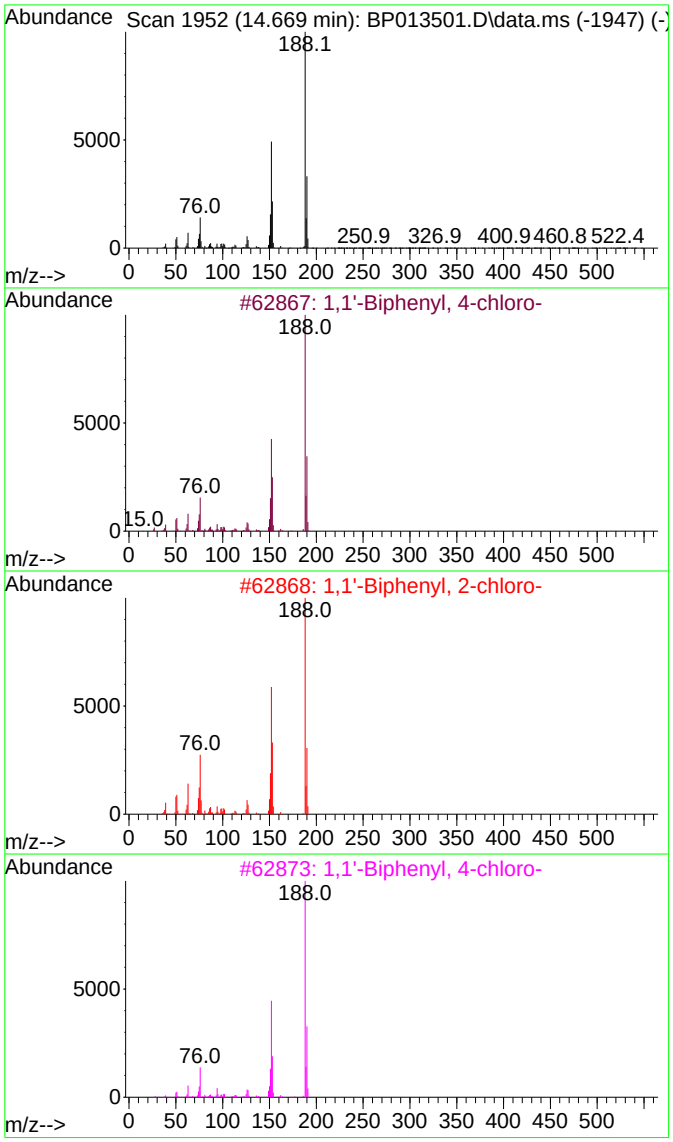
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

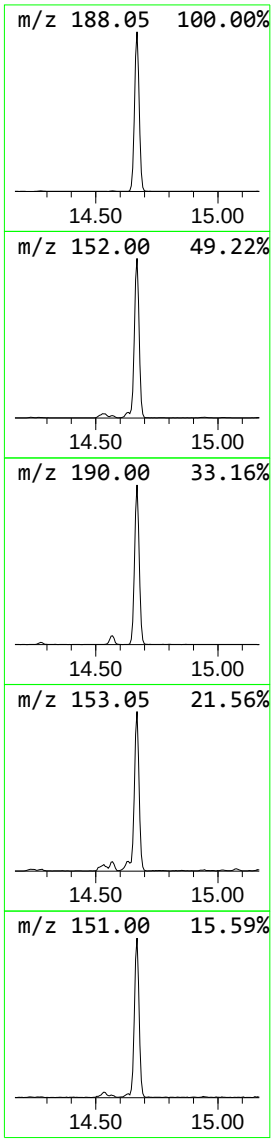
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 4-chloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	4.33 ng/ul	2741980	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

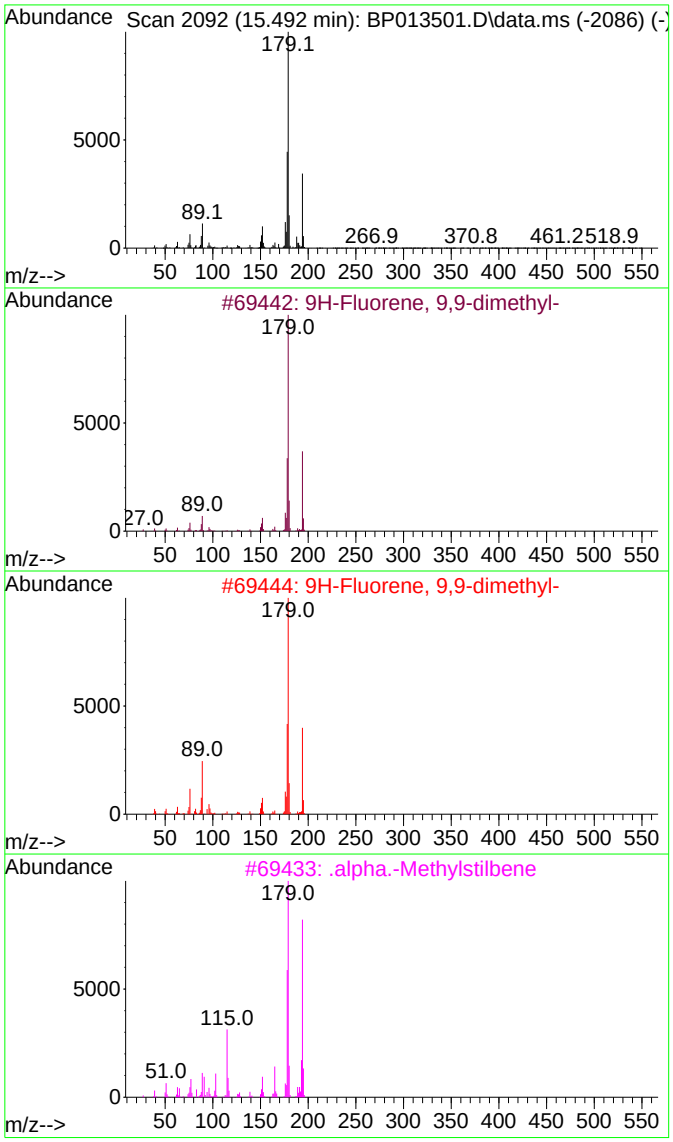
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

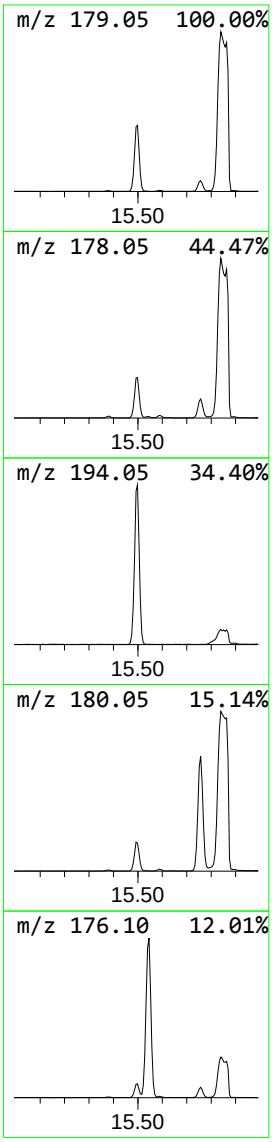
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 9,9-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	5.19 ng/ul	3285340	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	97
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	95
3	.alpha.-Methylstilbene	194	C15H14	000779-51-1	86
4	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	83
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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

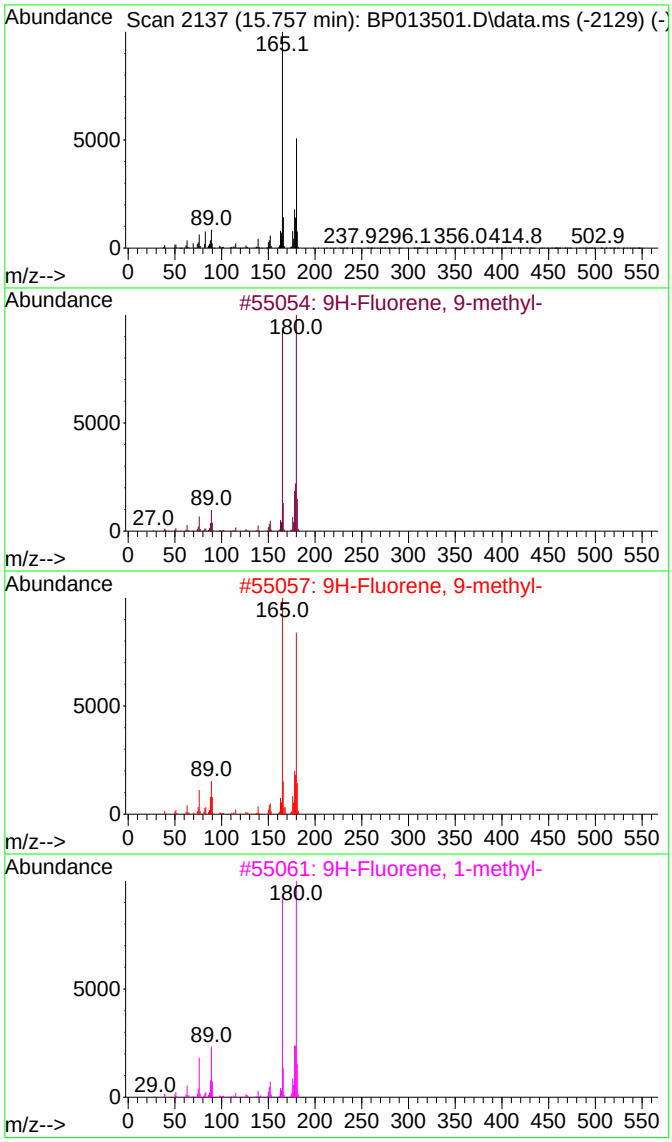
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

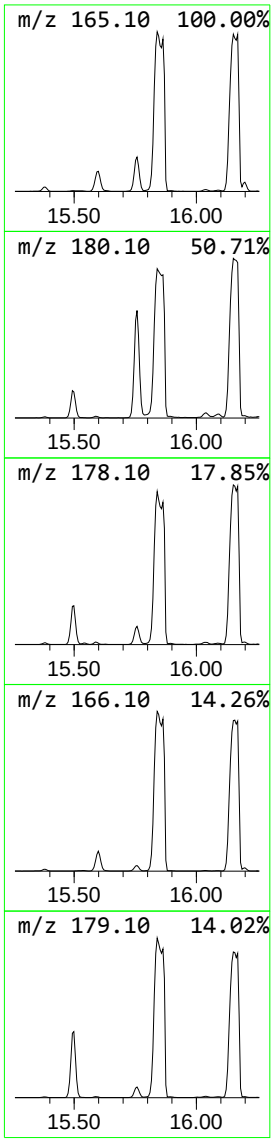
****

Peak Number 6 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	5.55 ng/ul	3513780	Acenaphthene-d10	14.545

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, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

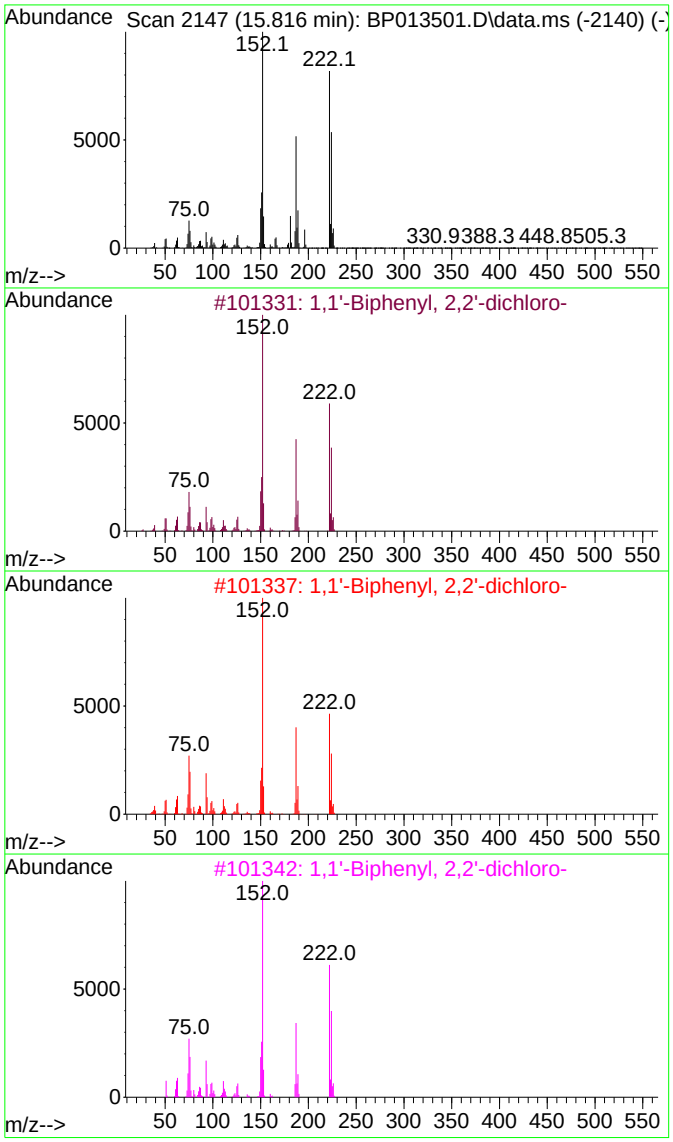
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

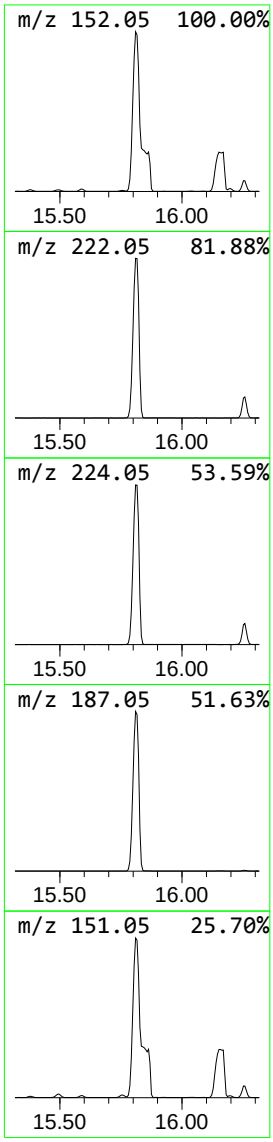
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	123.07 ng/ul	77967700	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	95





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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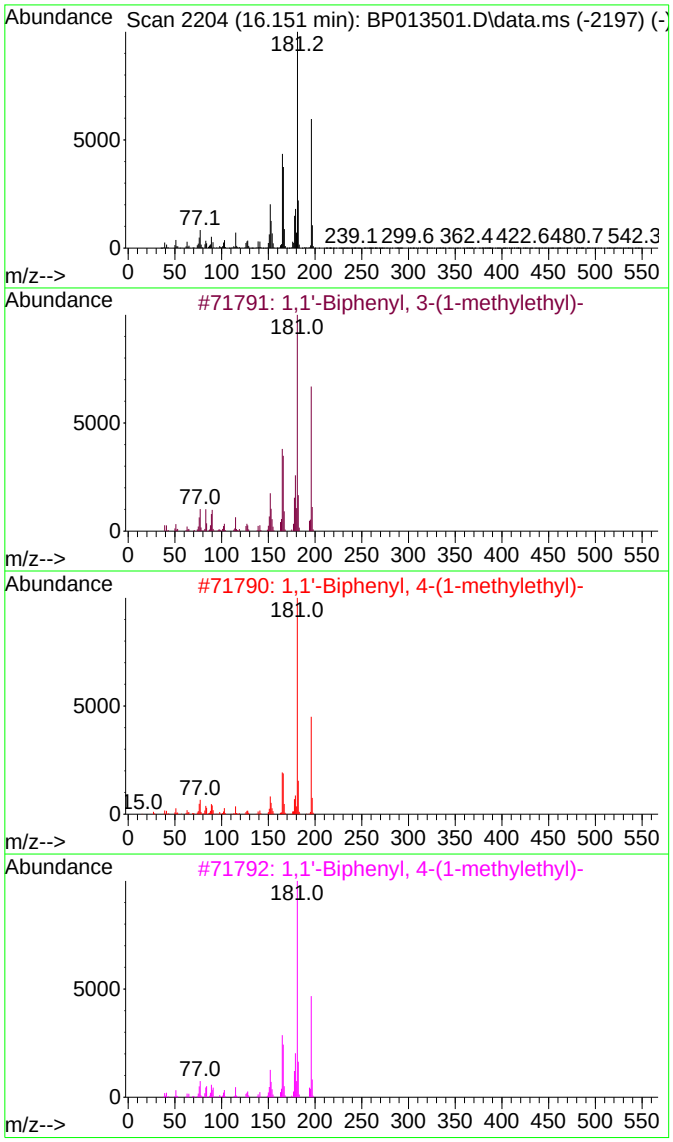
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

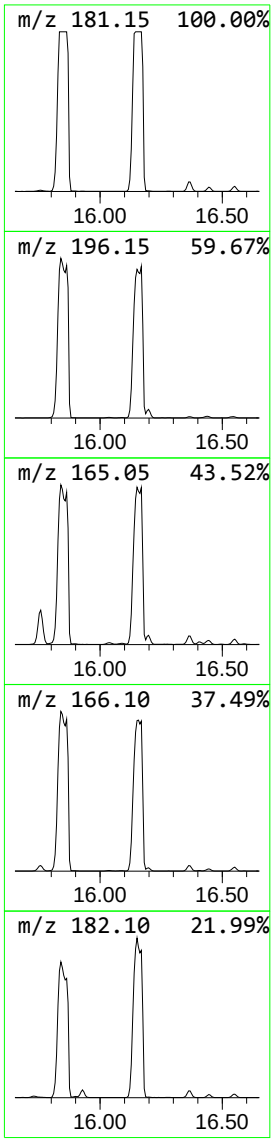
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	55.71 ng/ul	82259700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	91
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	90
5	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	87





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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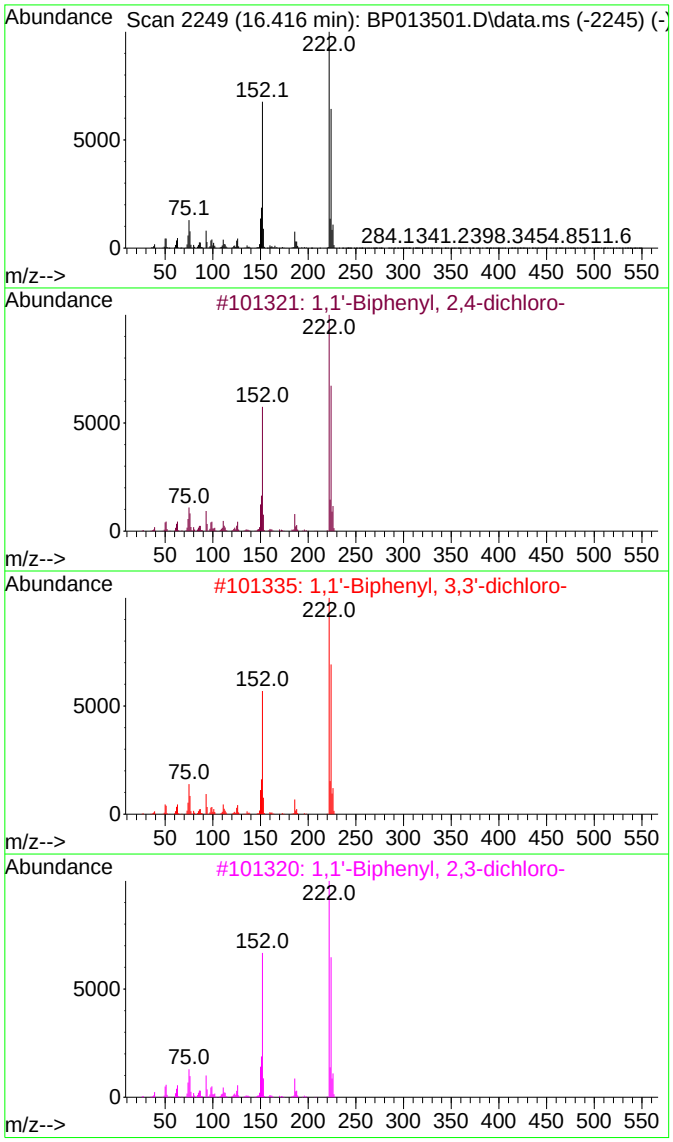
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

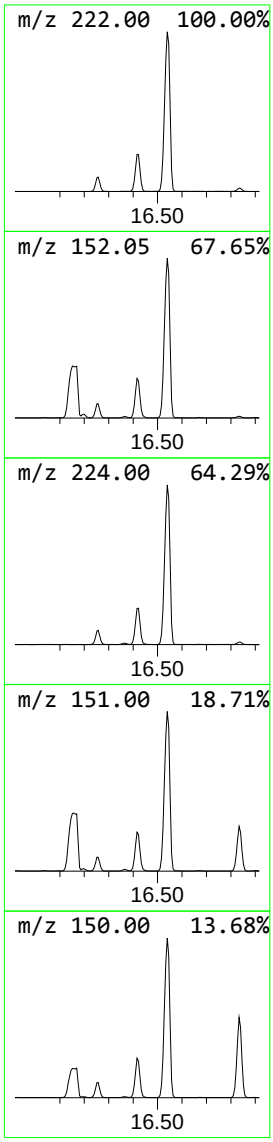
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	9.11 ng/ul	13453900	Phenanthrene-d10	17.310

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, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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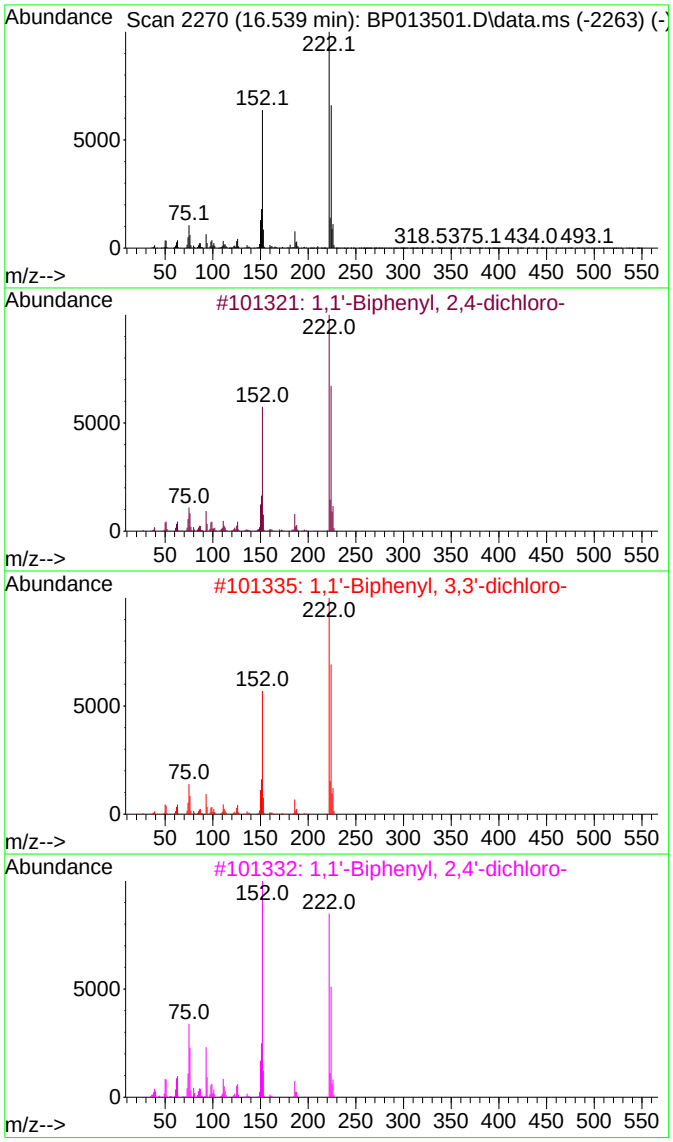
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

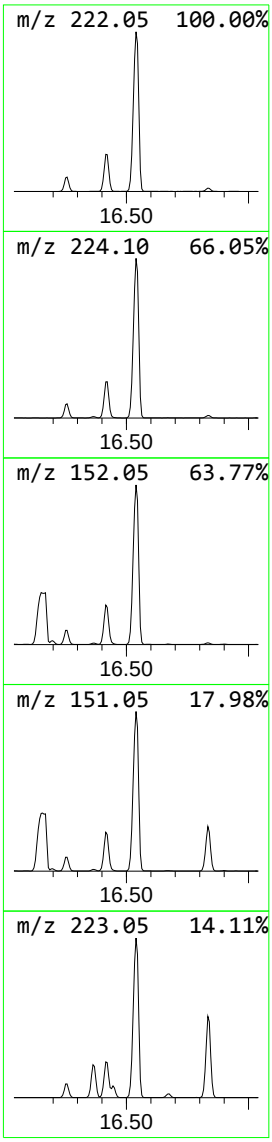
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	36.97 ng/ul	54586200	Phenanthrene-d10	17.310

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





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Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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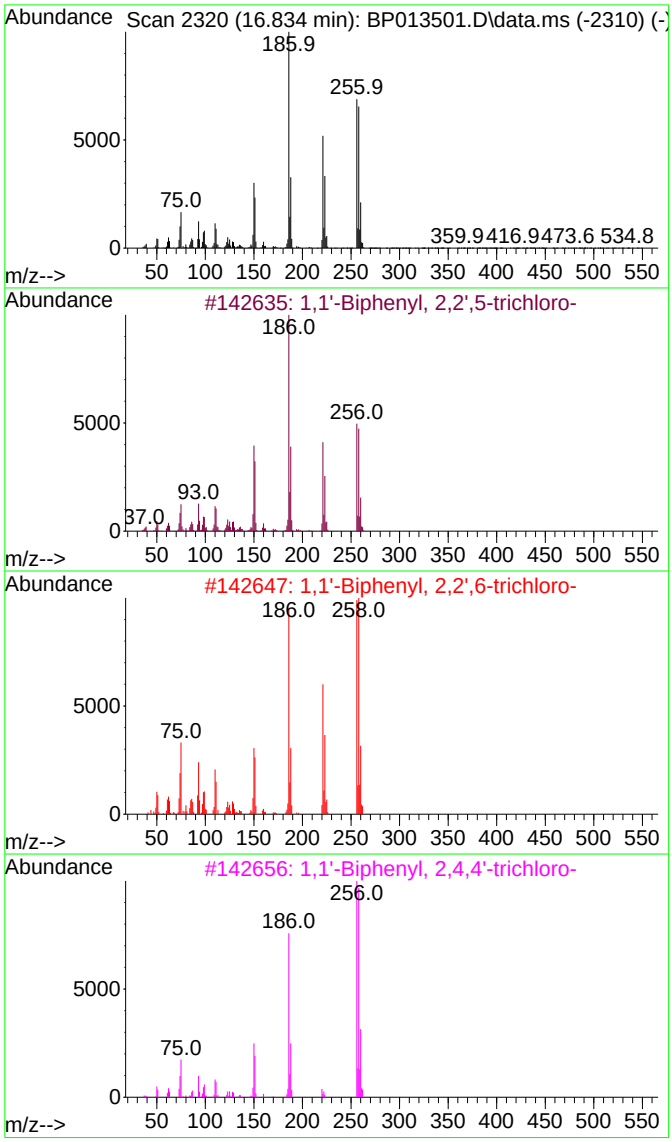
Quant Title : SVOA CALIBRATION

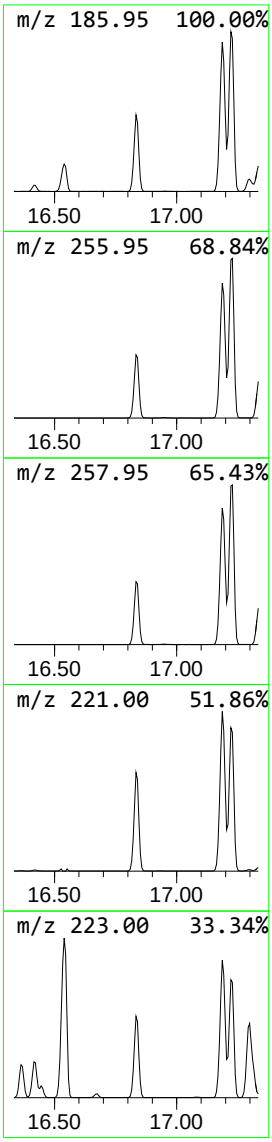
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.834	11.53 ng/ul	17021700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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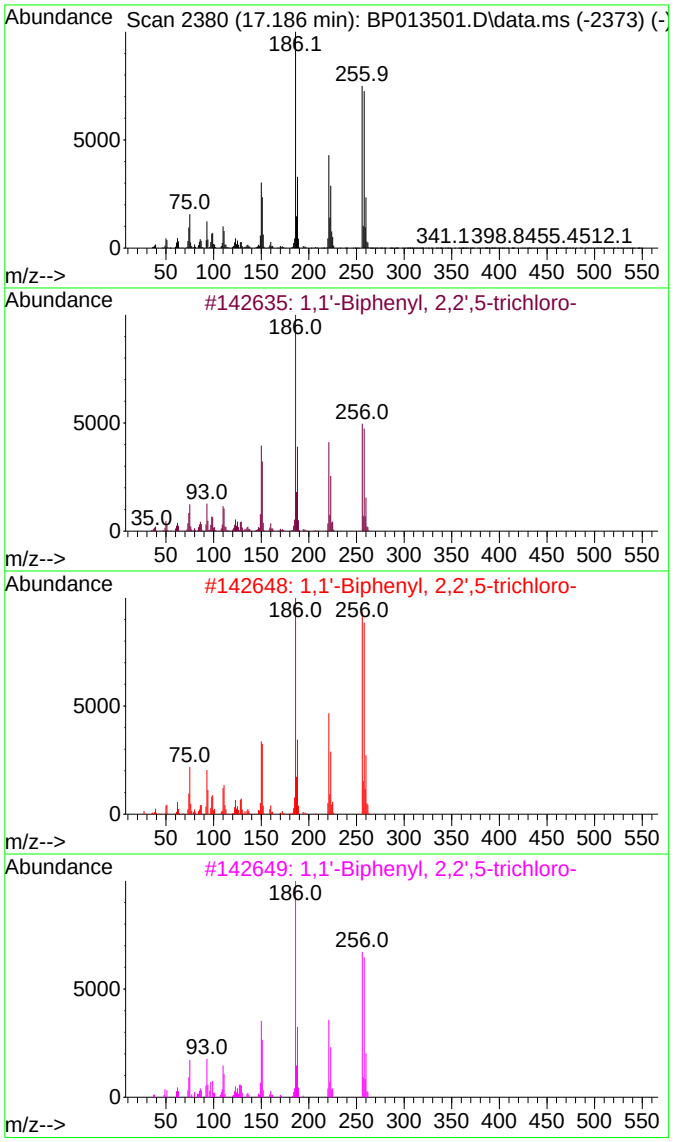
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

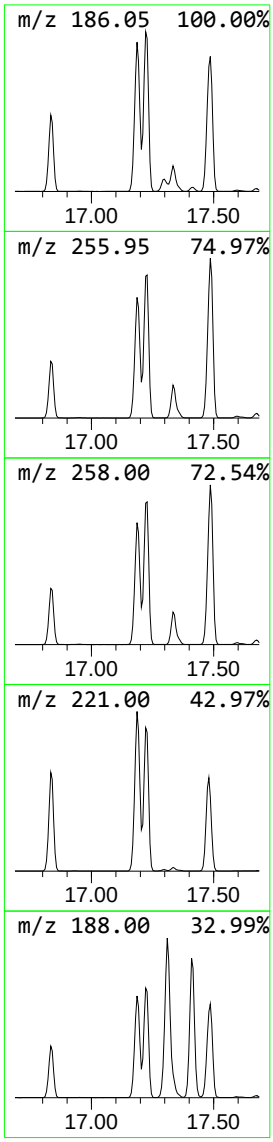
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	25.10 ng/ul	37056500	Phenanthrene-d10	17.310

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	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





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Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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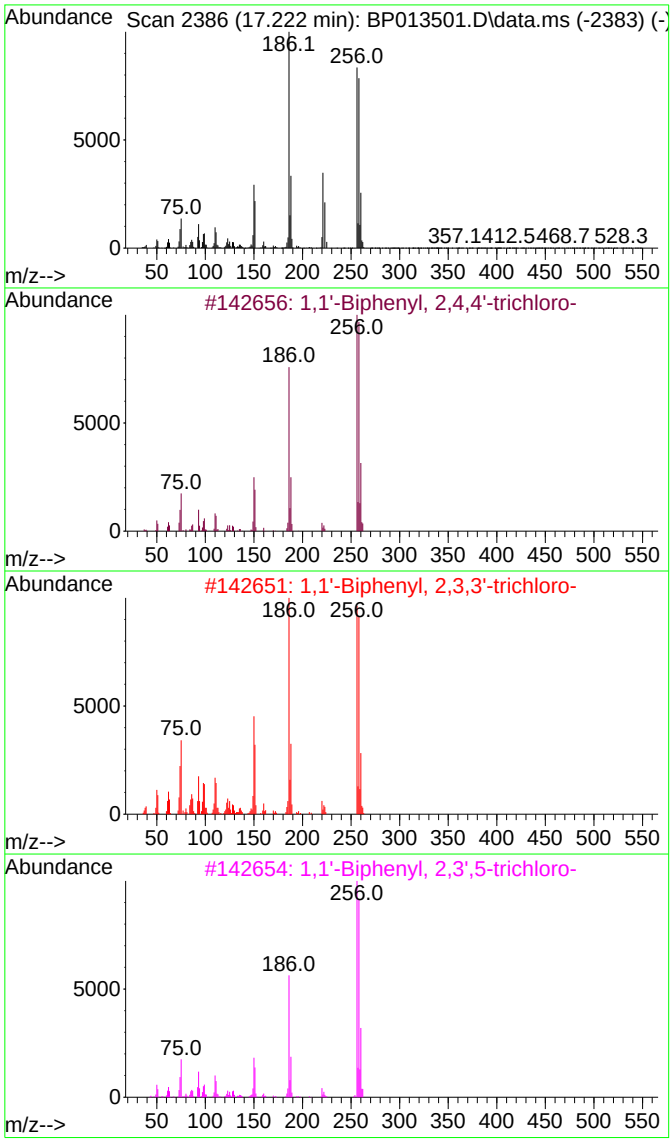
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

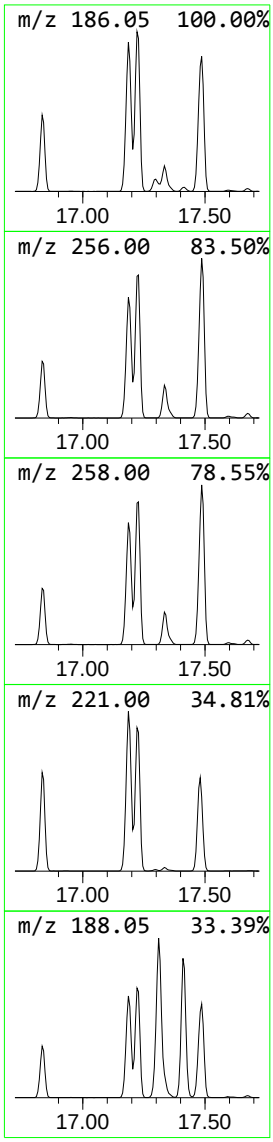
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.222	24.00 ng/ul	35440000	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	98





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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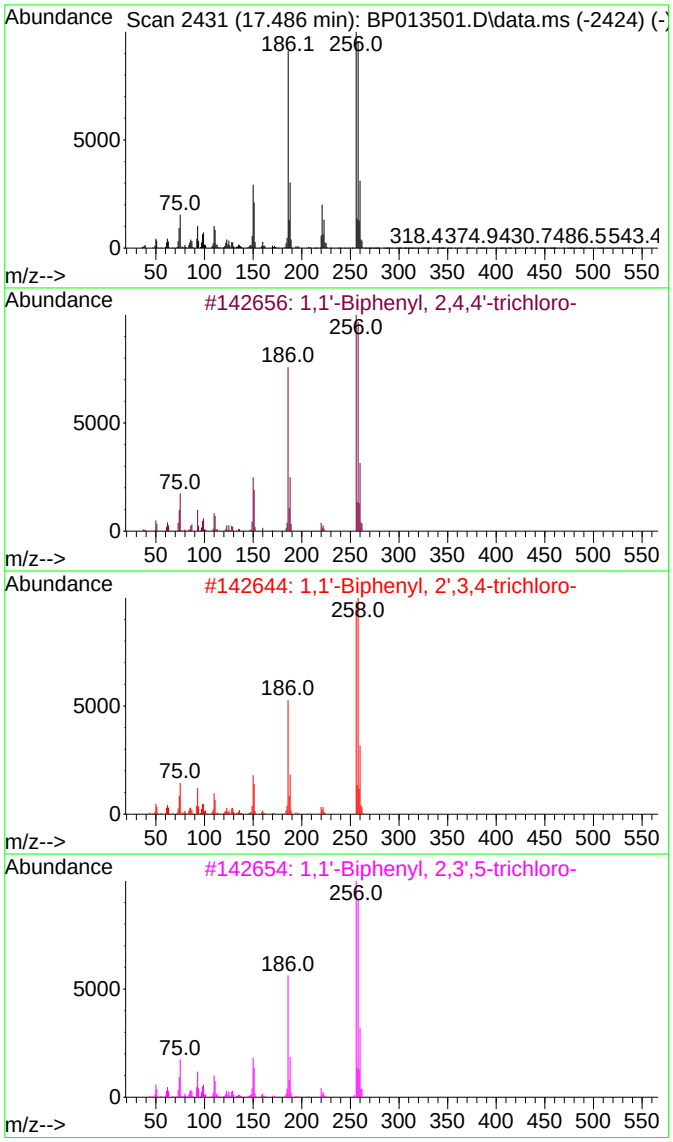
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

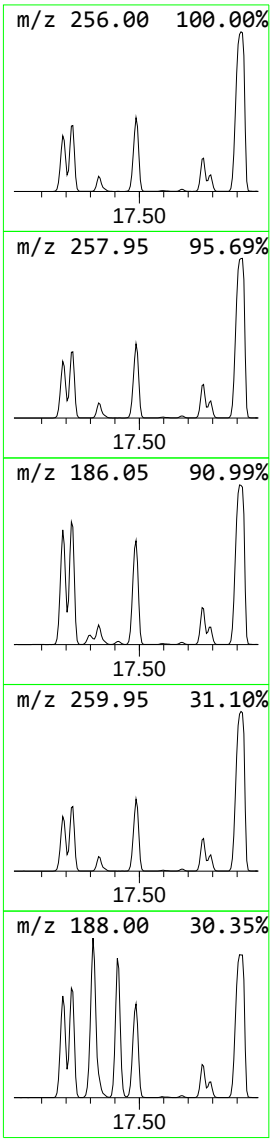
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.486	25.09 ng/ul	37043700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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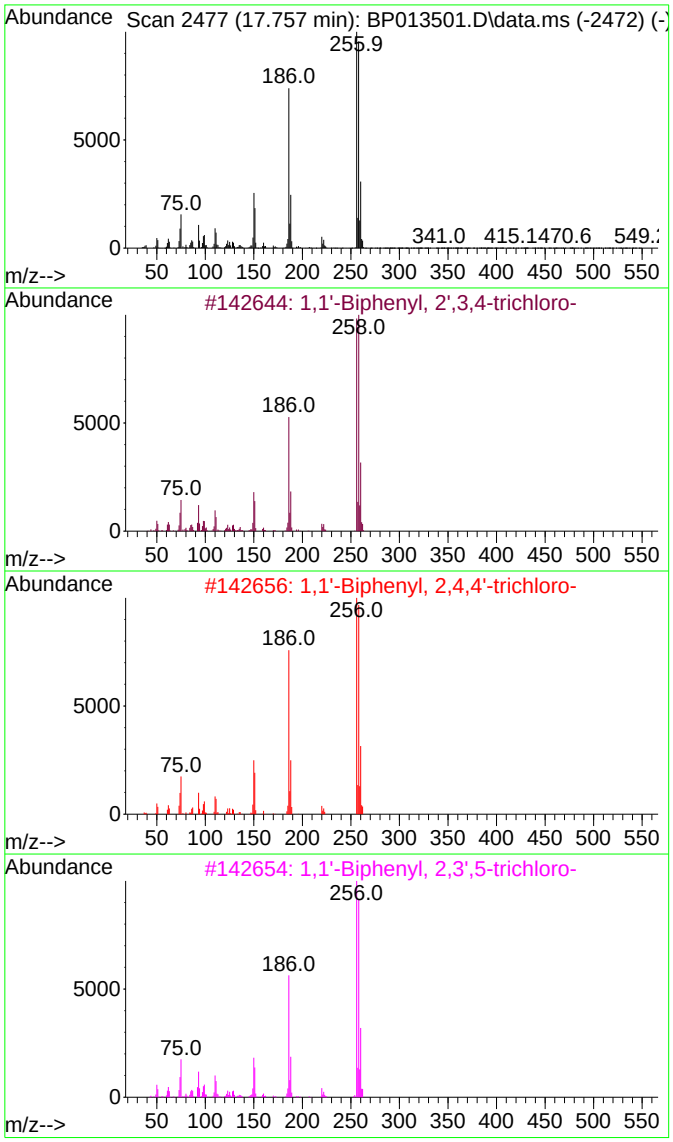
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

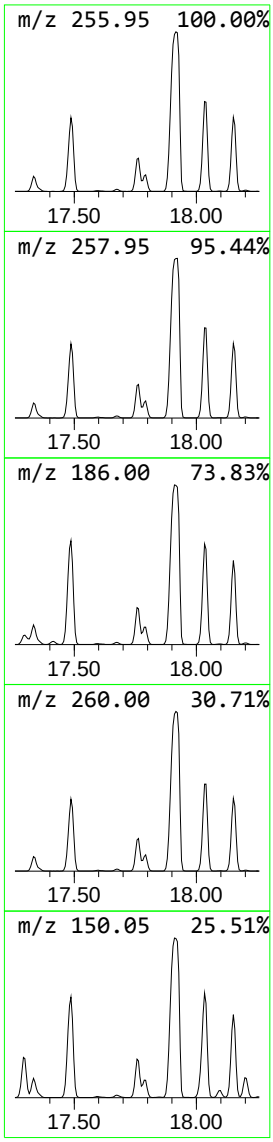
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	8.46 ng/ul	12486200	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99





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ALS Vial : 6 Sample Multiplier: 1

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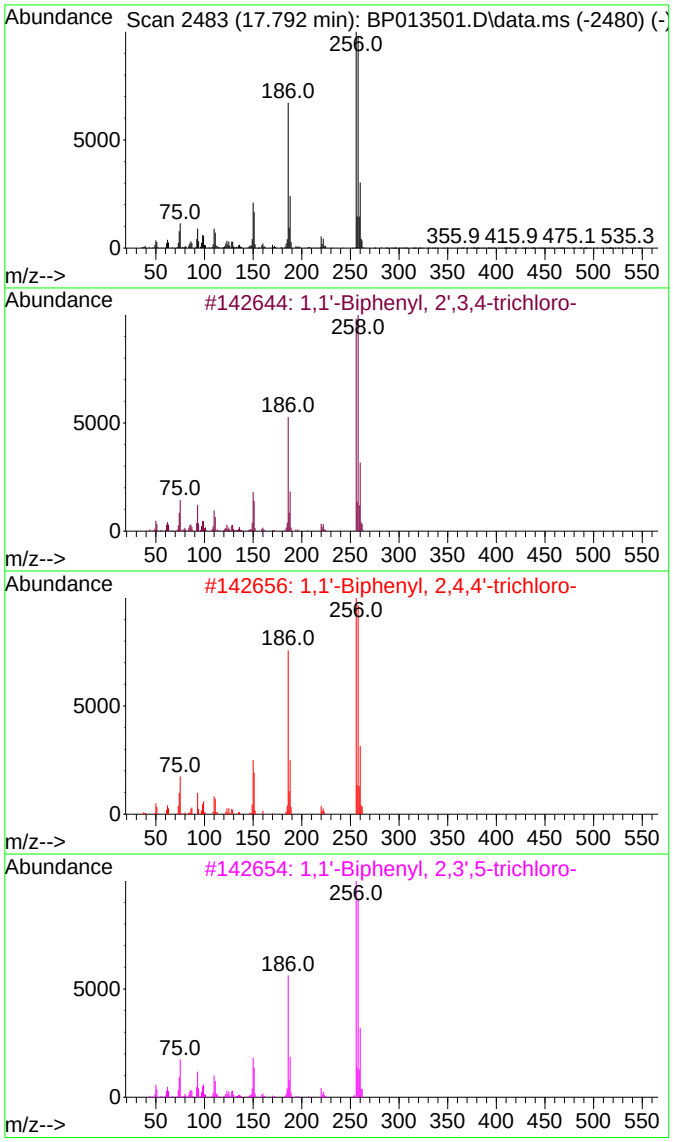
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

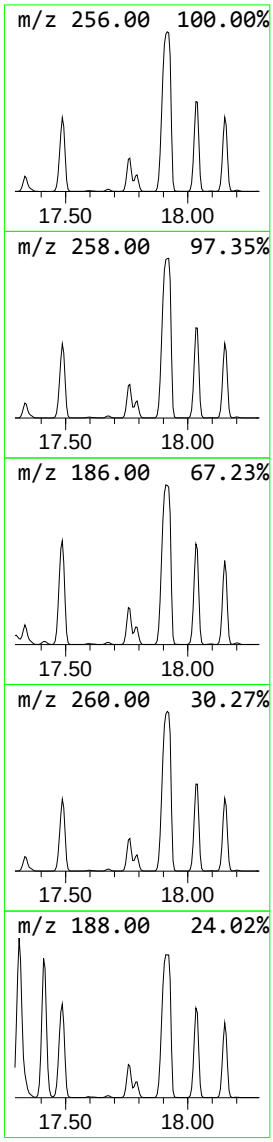
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	3.74 ng/ul	5518240	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99





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ALS Vial : 6 Sample Multiplier: 1

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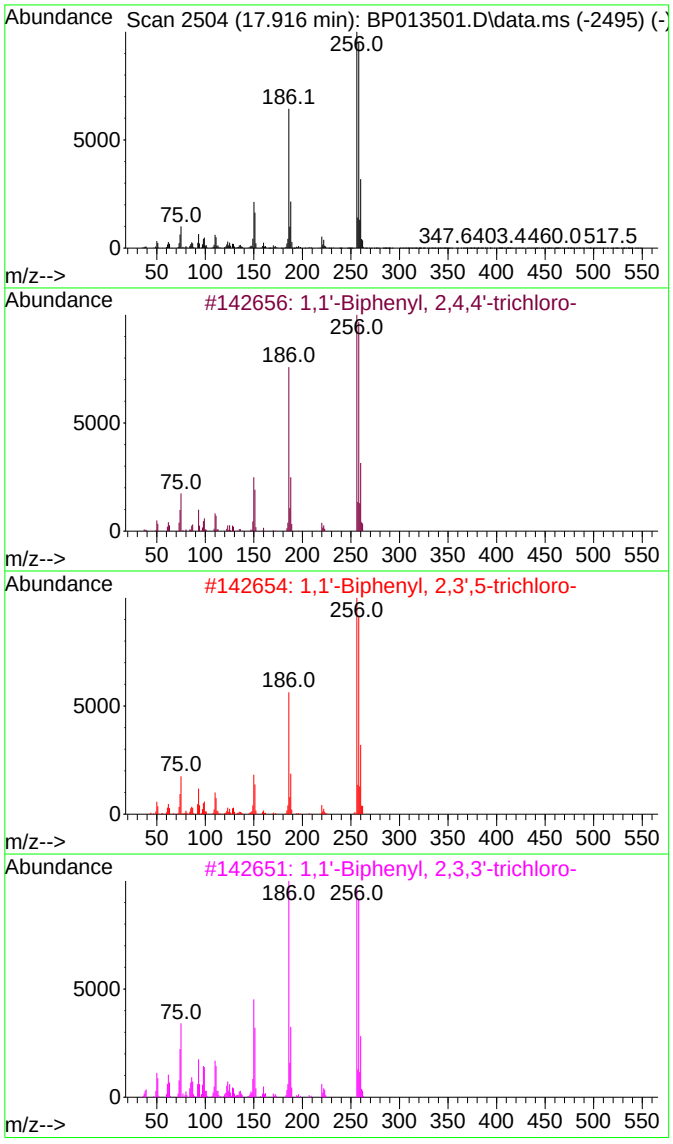
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

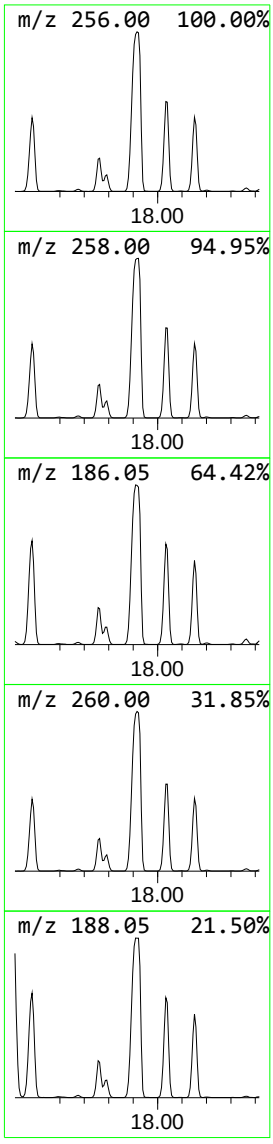
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	66.86 ng/ul	98725800	Phenanthrene-d10	17.310

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





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Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

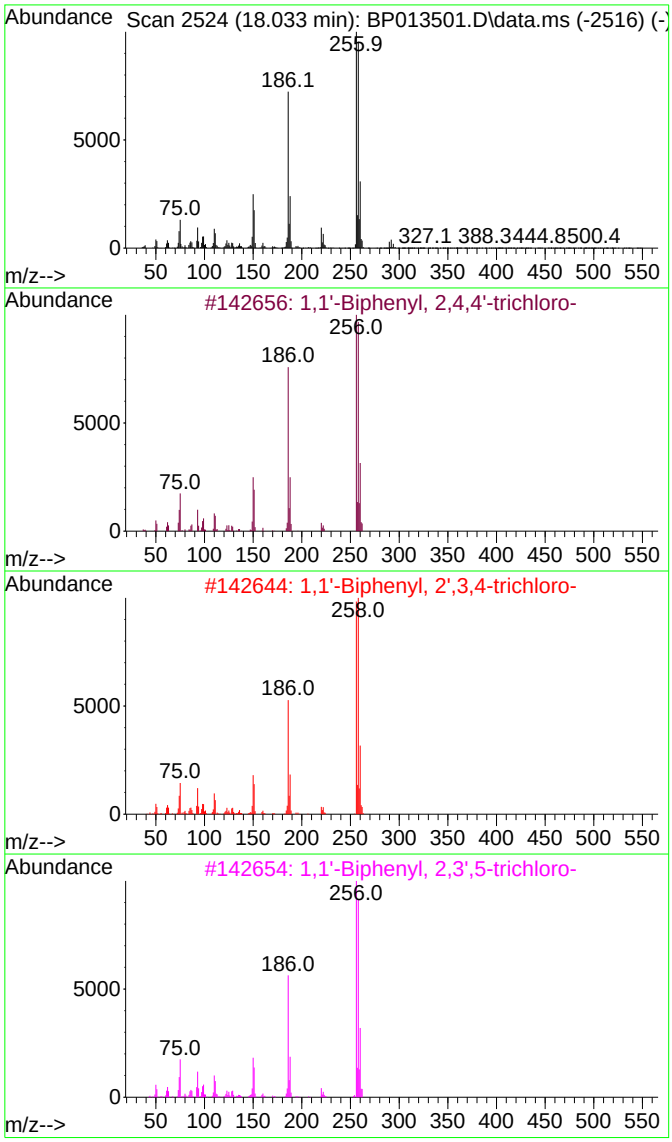
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

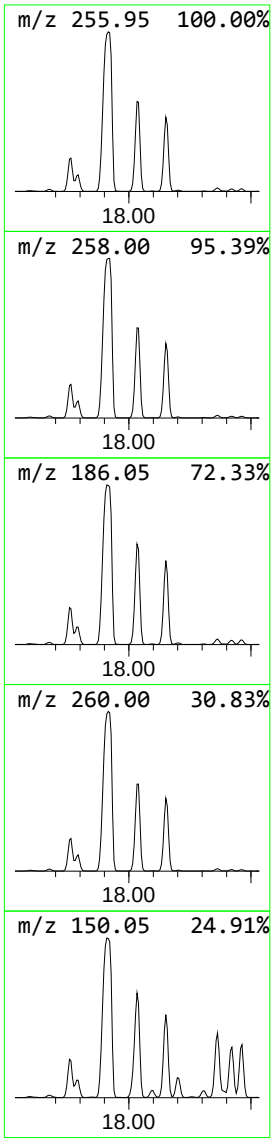
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	27.09 ng/ul	39998700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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

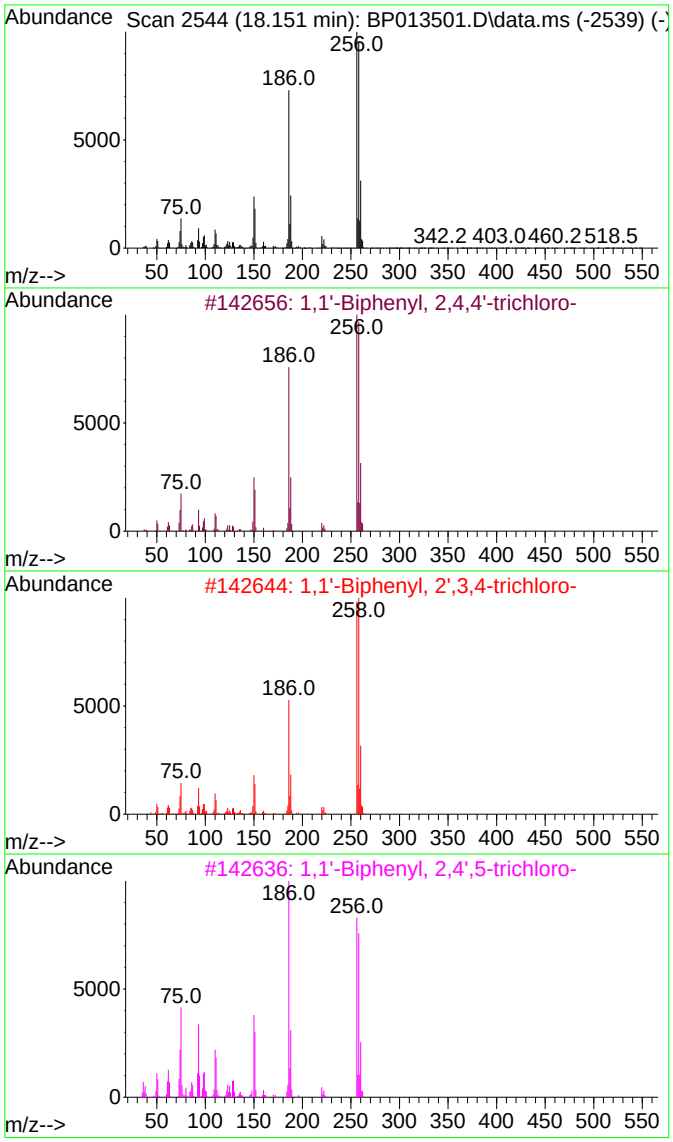
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

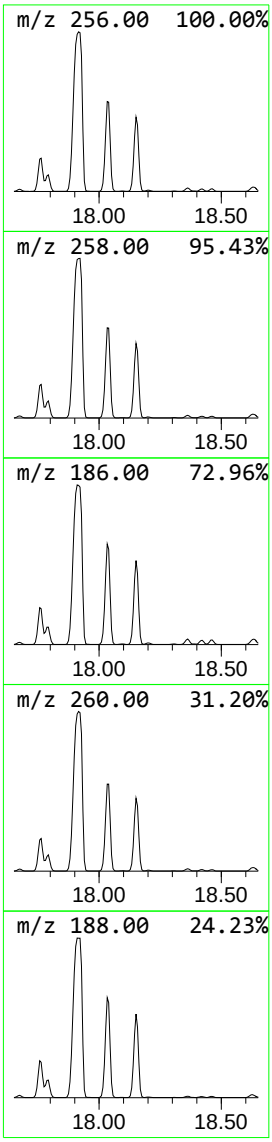
****

Peak Number 21 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	18.52 ng/ul	27343400	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





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Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

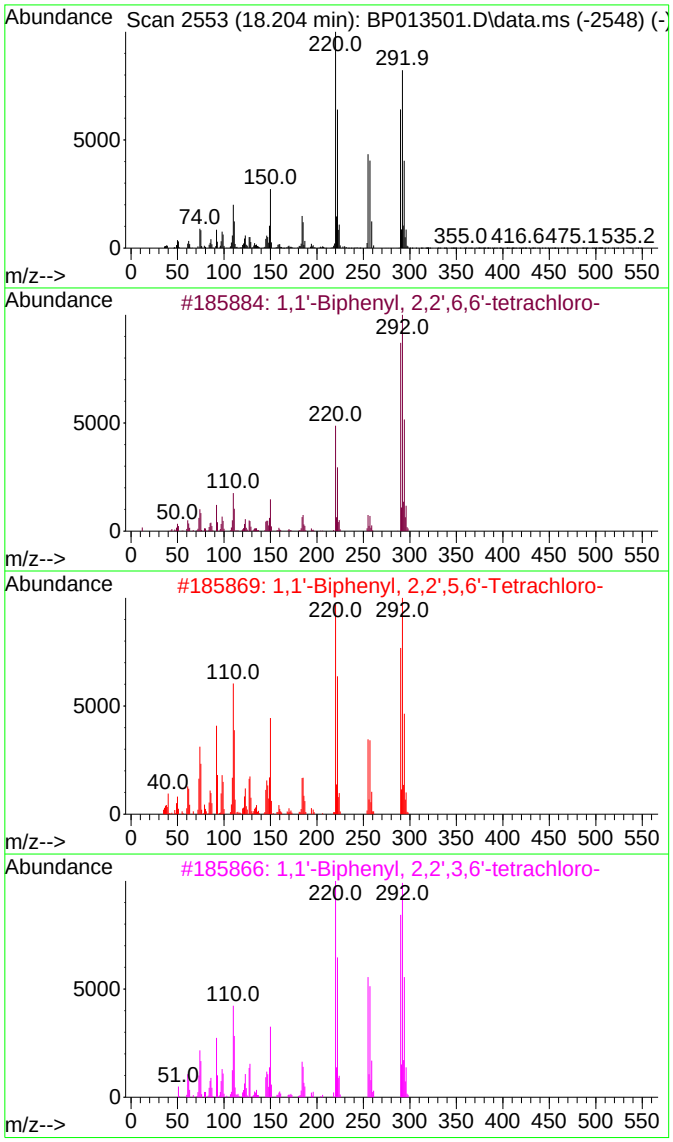
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

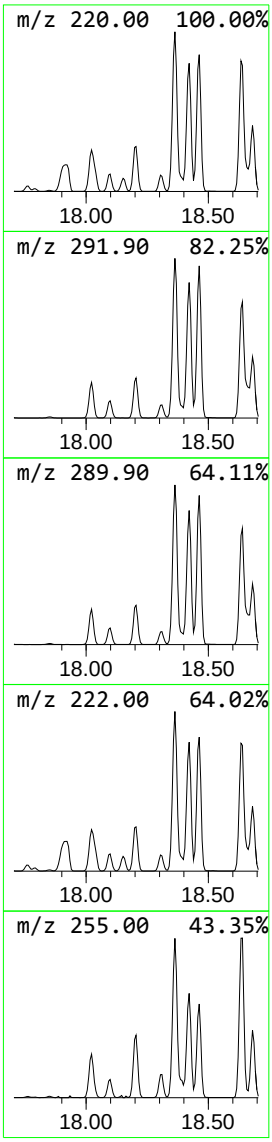
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	5.77 ng/ul	8522540	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

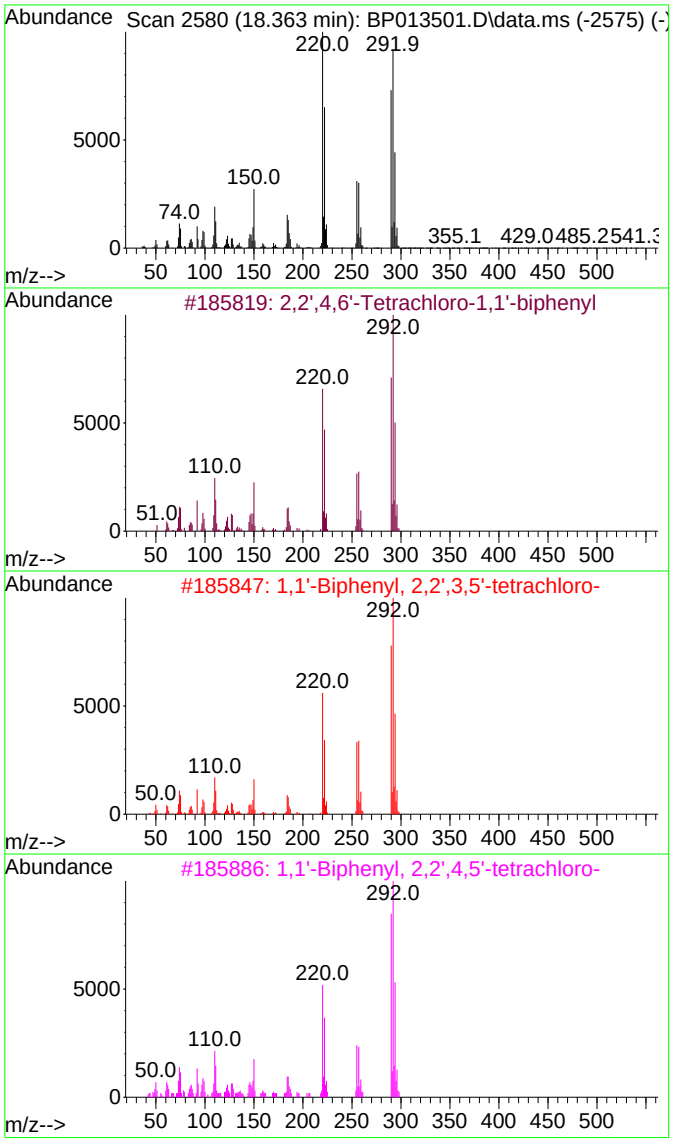
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

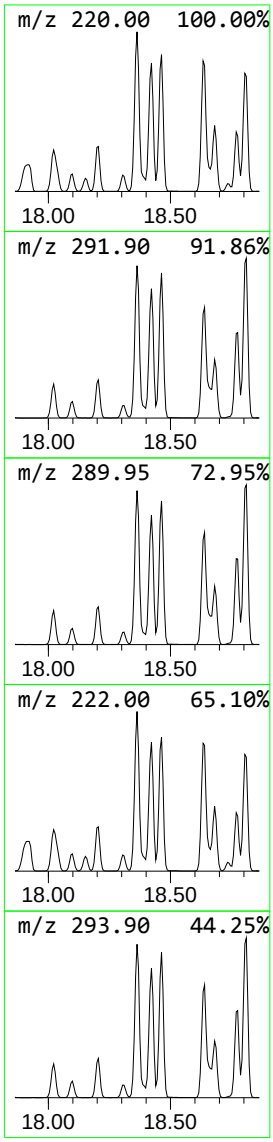
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	18.96 ng/ul	27990500	Phenanthrene-d10	17.310

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',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

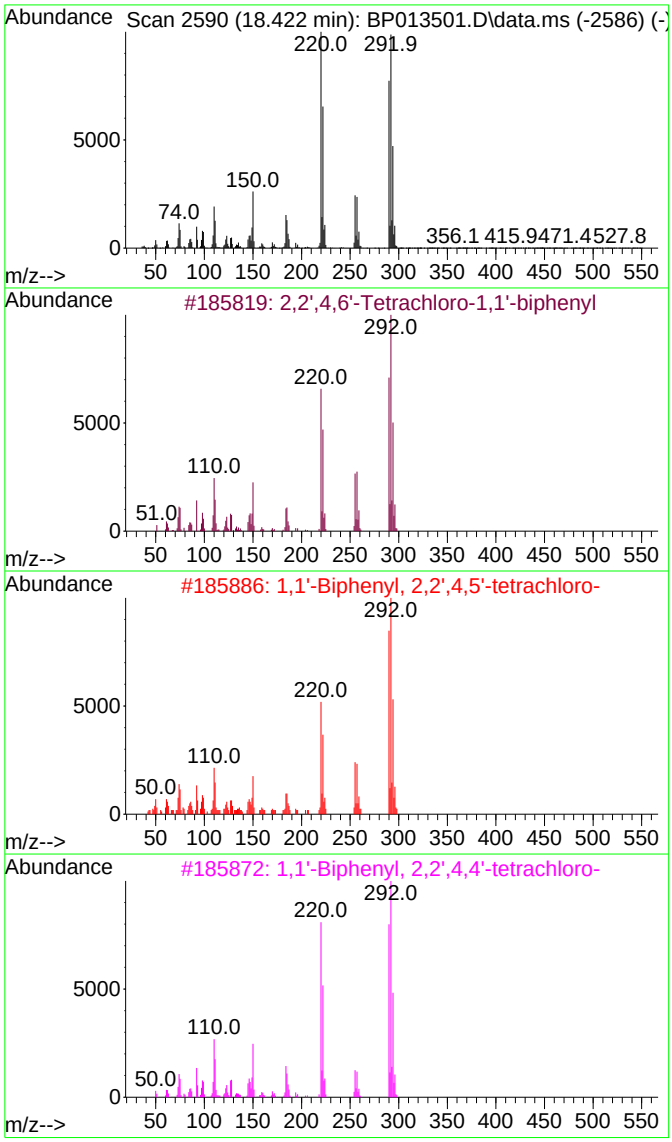
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

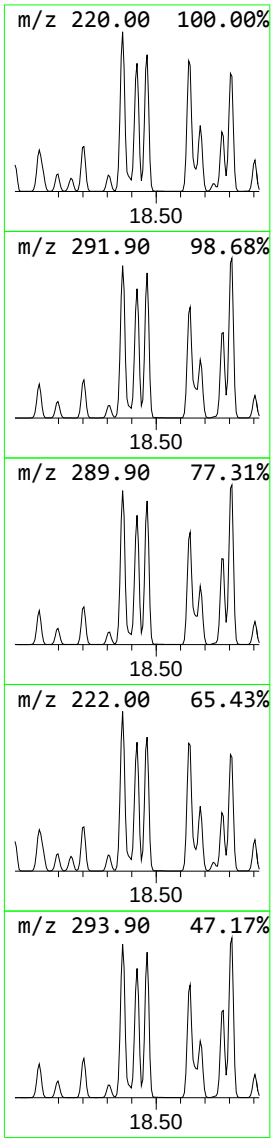
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	14.02 ng/ul	20694400	Phenanthrene-d10	17.310

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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	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',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

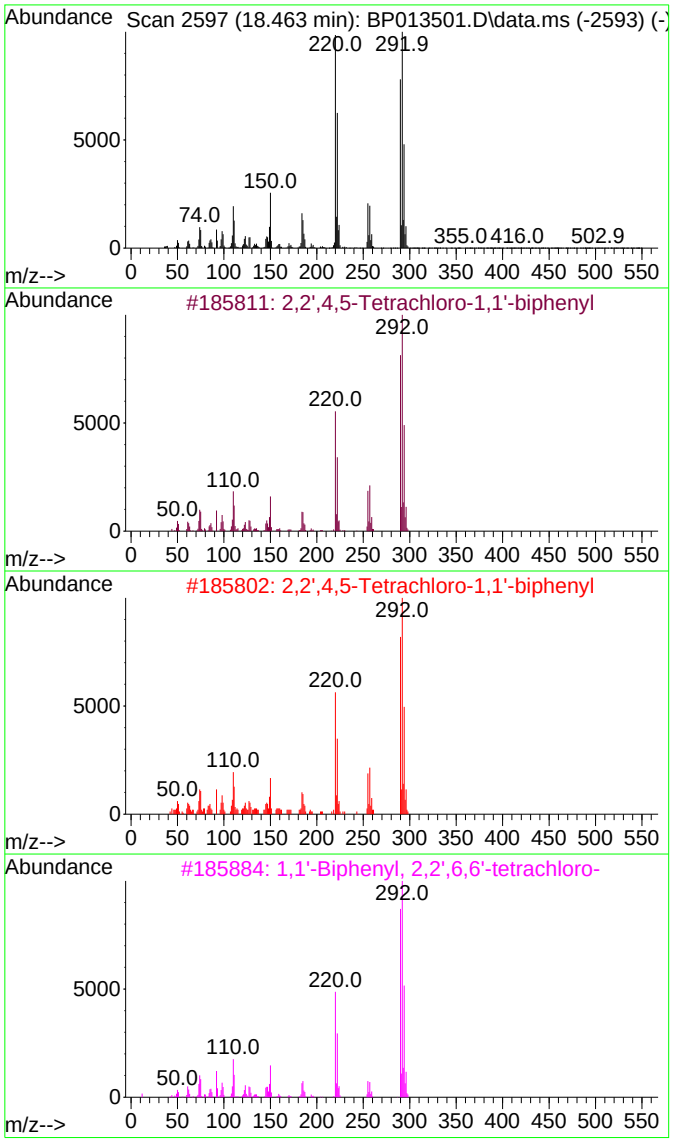
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

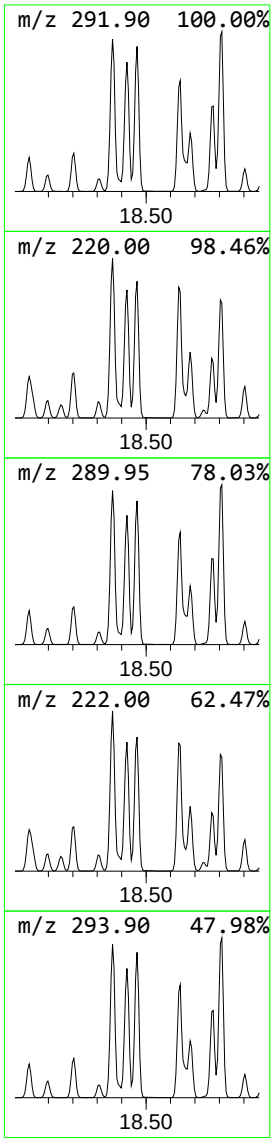
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	14.21 ng/ul	20974300	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

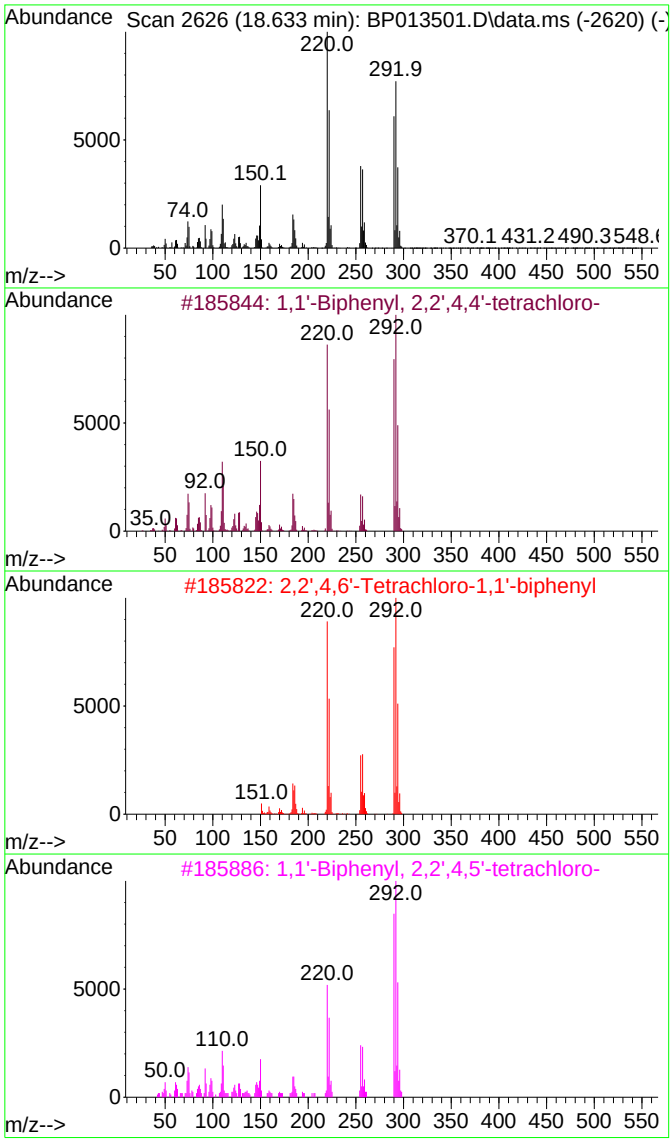
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 26 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	16.94 ng/ul	25013500	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



m/z 220.00 100.00%
m/z 291.90 77.08%
m/z 221.95 63.71%
m/z 289.90 60.91%
m/z 255.00 37.93%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

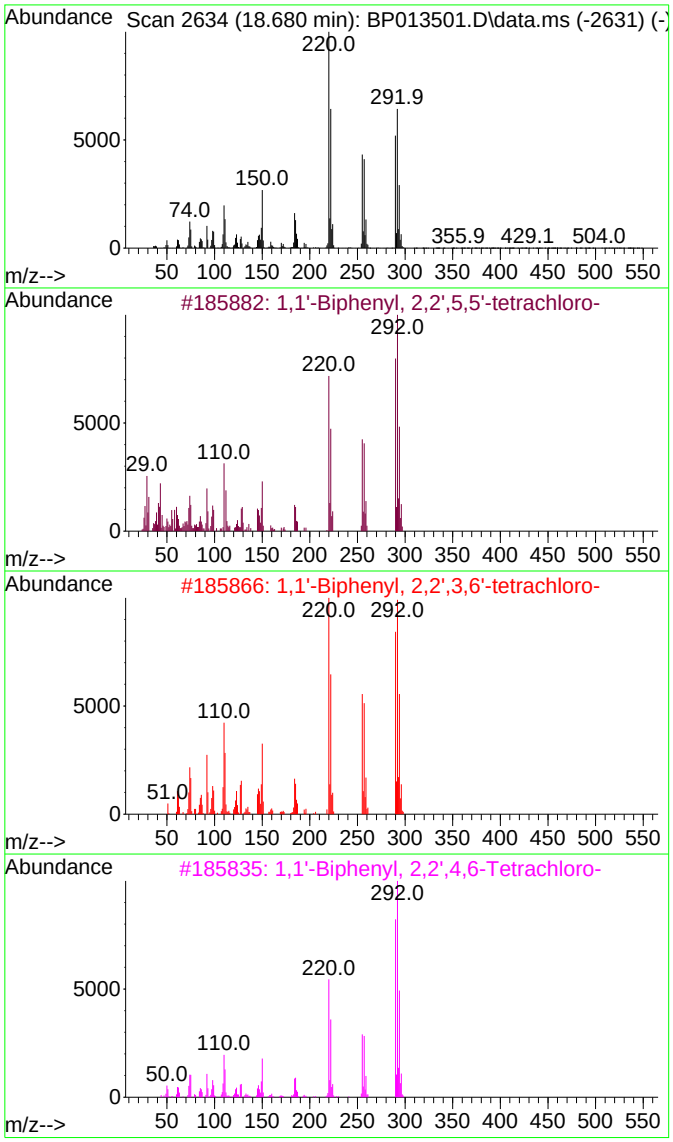
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

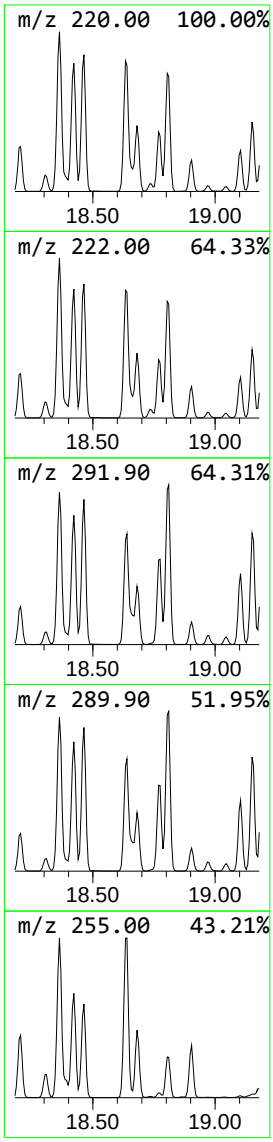
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	6.86 ng/ul	10134900	Phenanthrene-d10	17.310

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',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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

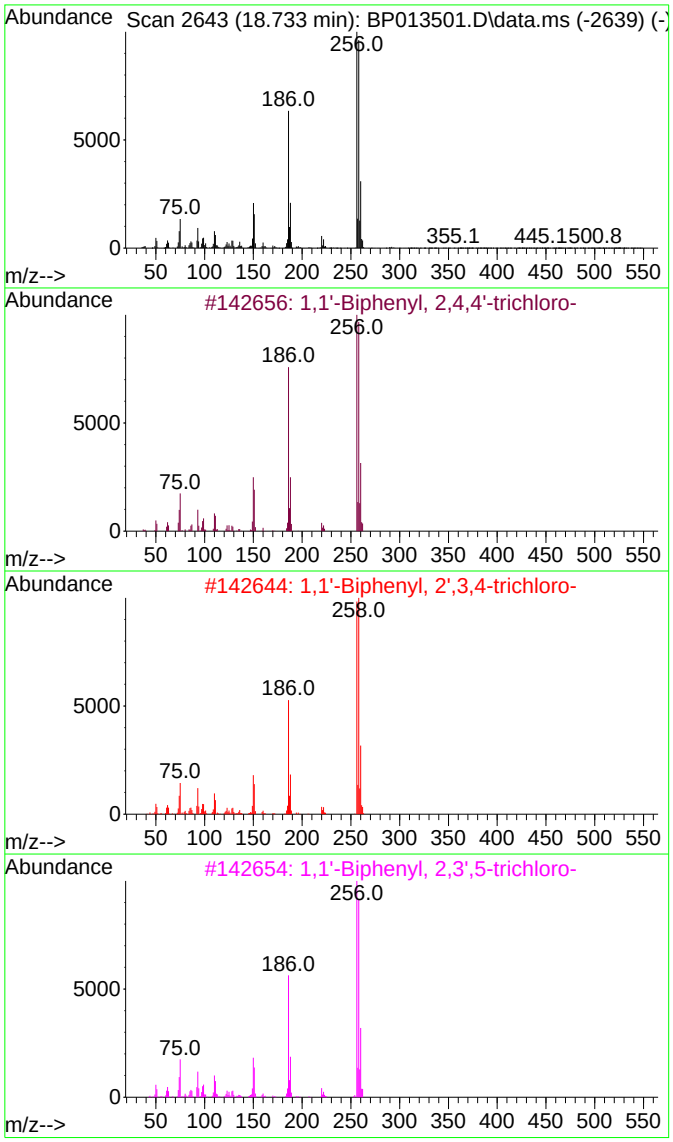
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

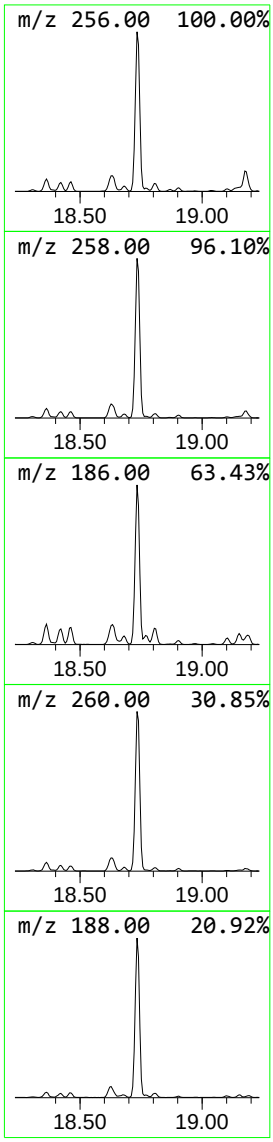
****

Peak Number 28 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	9.98 ng/ul	14734800	Phenanthrene-d10	17.310

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

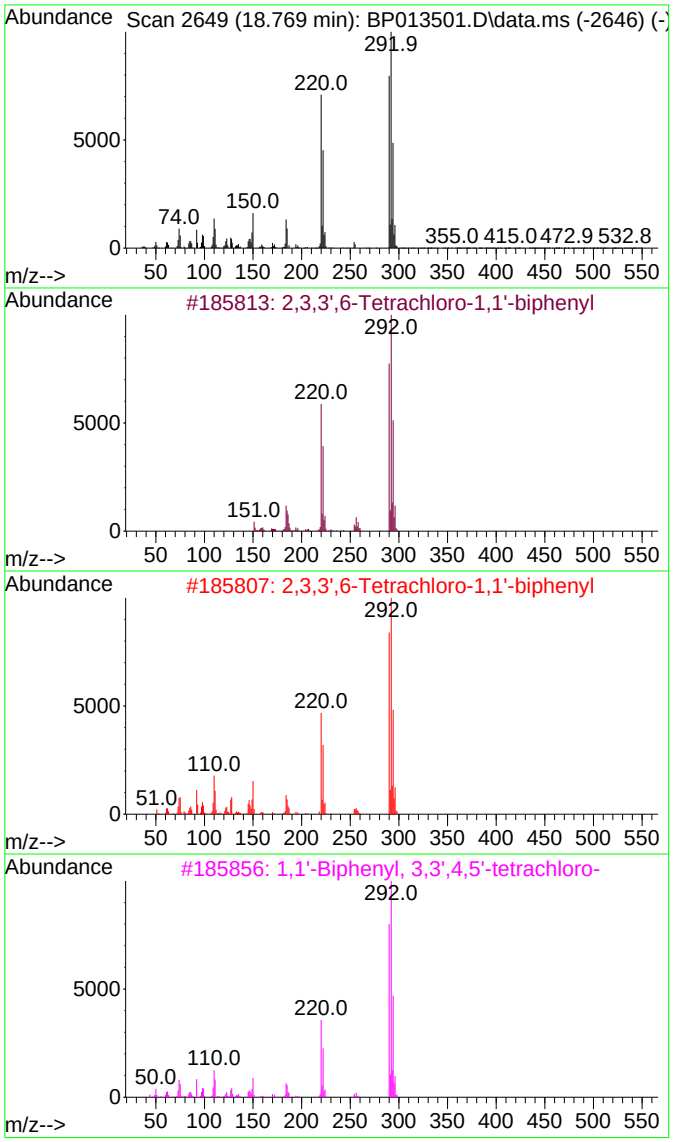
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

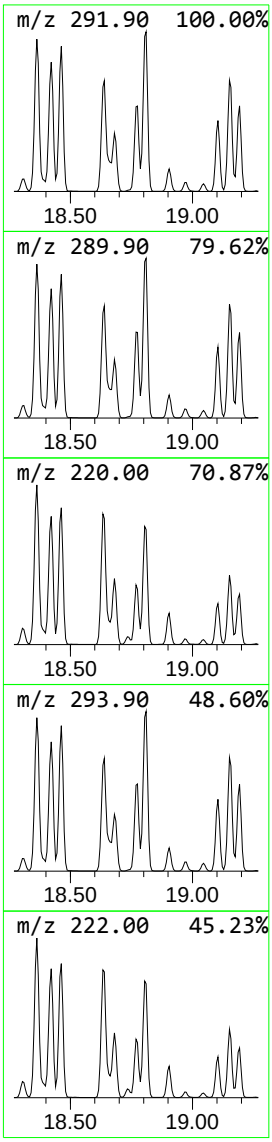
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	7.29 ng/ul	10760900	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

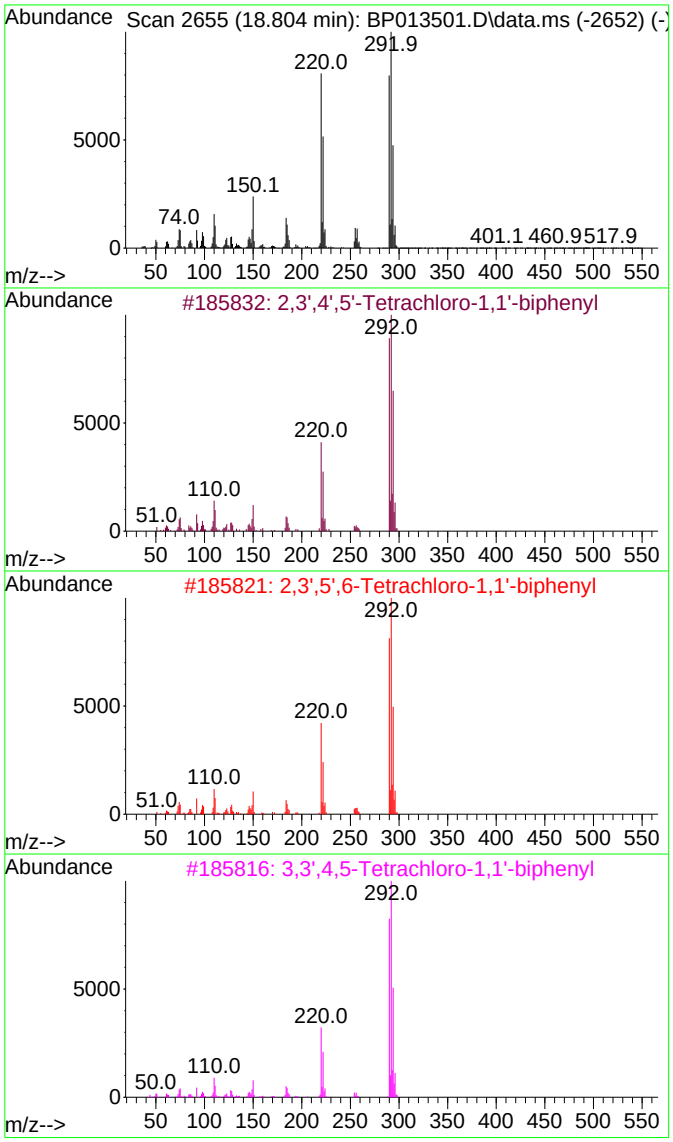
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

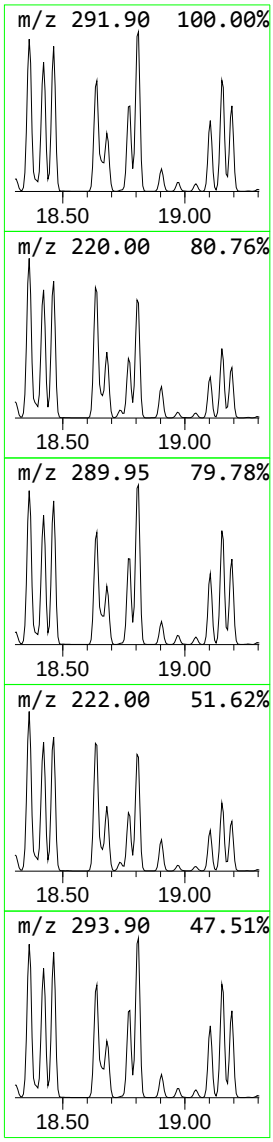
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,3',4',5'-Tetrachloro-1,1'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	14.24 ng/ul	21031200	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
2	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

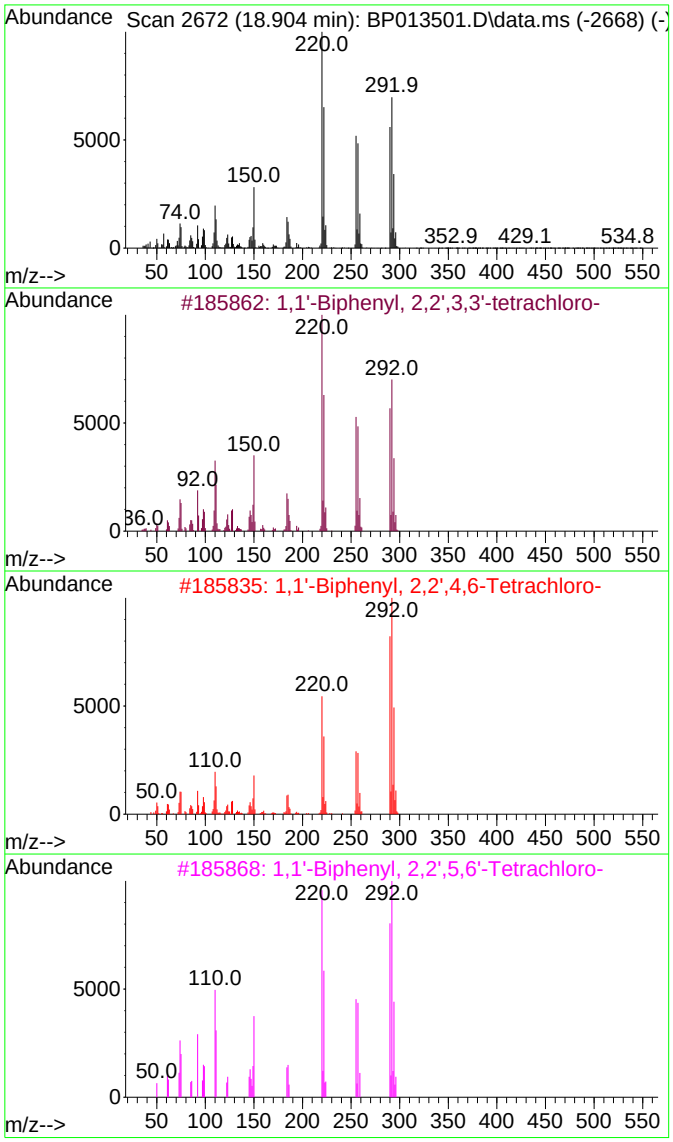
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

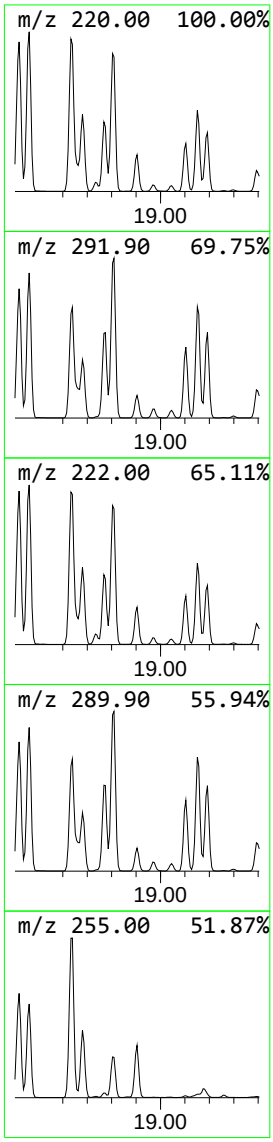
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	3.34 ng/ul	4936380	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

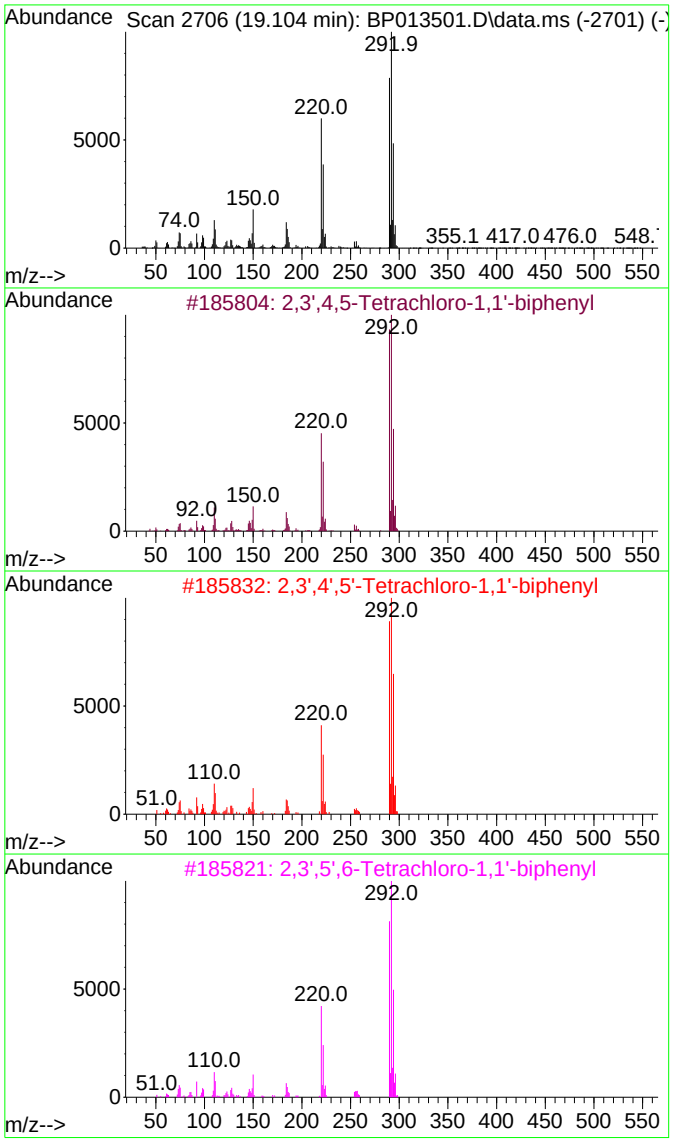
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

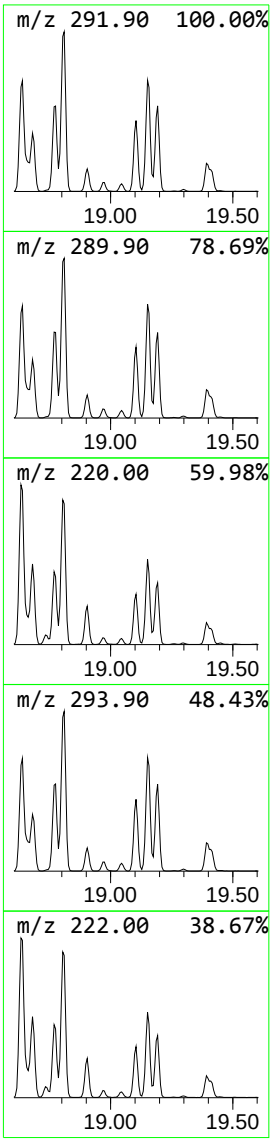
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	5.28 ng/ul	7790400	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

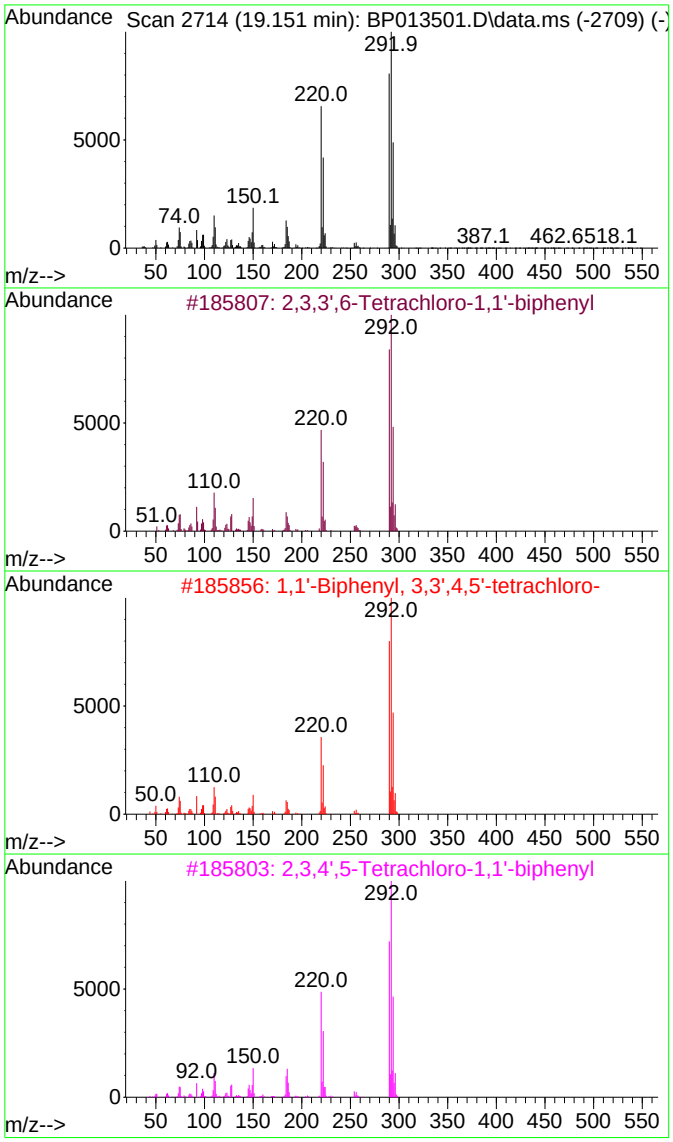
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

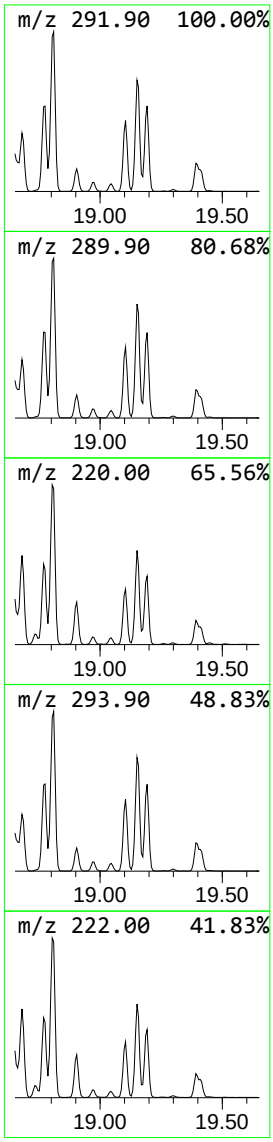
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	9.42 ng/ul	13908400	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

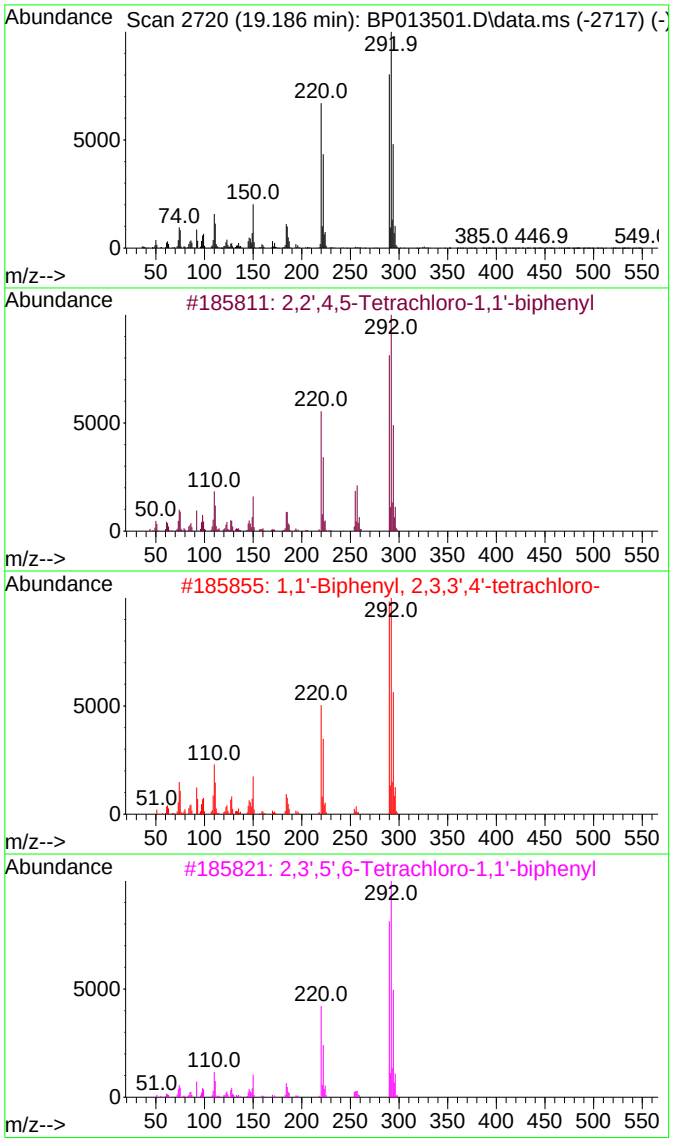
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

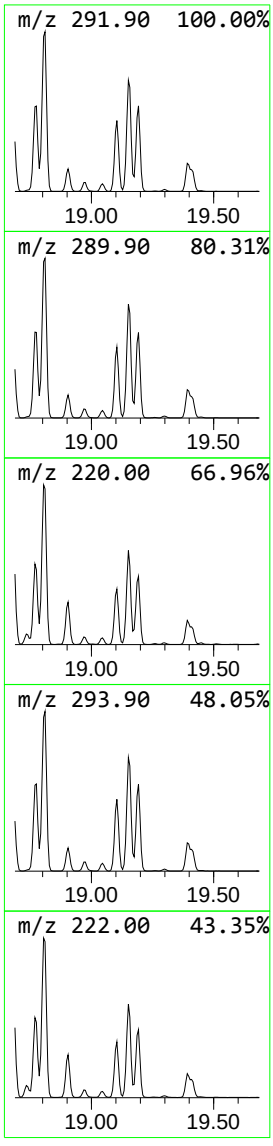
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	7.99 ng/ul	11798800	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

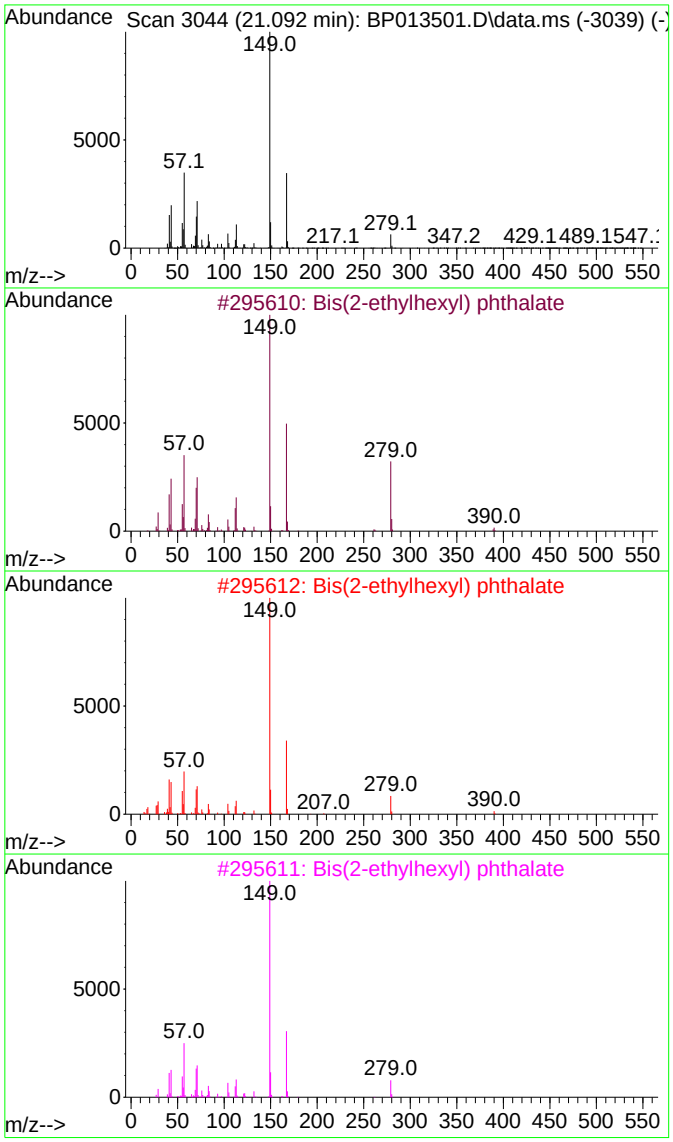
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

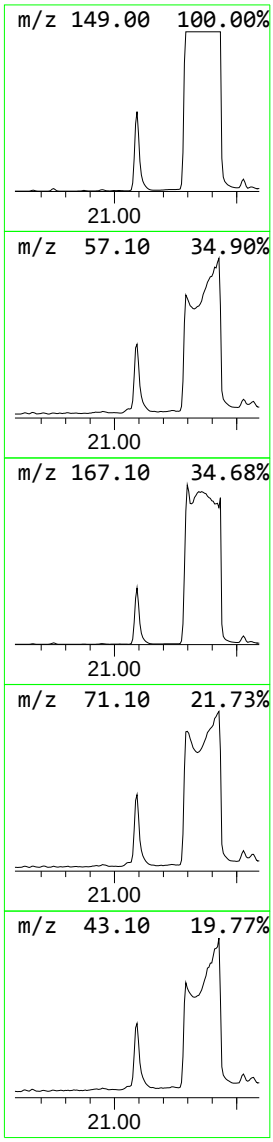
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Phthalic acid, 2-ethylhexyl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	5.36 ng/ul	22329900	Chrysene-d12	21.398

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	87
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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013501.D
Acq On : 17 Jan 2023 19:05
Operator : CG/JU
Sample : 01145-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S7

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...	12.951	2.7	ng/ul	1728020	3	14.545	12670400	20.0
(DEL) Alkane: S...	13.187	2.6	ng/ul	1673400	3	14.545	12670400	20.0
1,1'-Biphenyl, ...	14.669	4.3	ng/ul	2741980	3	14.545	12670400	20.0
9H-Fluorene, 9,...	15.492	5.2	ng/ul	3285340	3	14.545	12670400	20.0
9H-Fluorene, 9-...	15.757	5.5	ng/ul	3513780	3	14.545	12670400	20.0
1,1'-Biphenyl, ...	15.816	123.1	ng/ul	77967700	3	14.545	12670400	20.0
1,1'-Biphenyl, ...	16.151	55.7	ng/ul	82259700	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	16.416	9.1	ng/ul	13453900	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	16.539	37.0	ng/ul	54586200	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	16.834	11.5	ng/ul	17021700	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.186	25.1	ng/ul	37056500	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.222	24.0	ng/ul	35440000	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.486	25.1	ng/ul	37043700	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.757	8.5	ng/ul	12486200	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.792	3.7	ng/ul	5518240	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	17.916	66.9	ng/ul	98725800	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.034	27.1	ng/ul	39998700	4	17.310	29530400	20.0
unknown-01	18.151	18.5	ng/ul	27343400	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.204	5.8	ng/ul	8522540	4	17.310	29530400	20.0
2,2',4,6'-Tetra...	18.363	19.0	ng/ul	27990500	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.422	14.0	ng/ul	20694400	4	17.310	29530400	20.0
2,2',4,5-Tetrac...	18.463	14.2	ng/ul	20974300	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.633	16.9	ng/ul	25013500	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.680	6.9	ng/ul	10134900	4	17.310	29530400	20.0
unknown-02	18.733	10.0	ng/ul	14734800	4	17.310	29530400	20.0
2,3,3',6-Tetrac...	18.769	7.3	ng/ul	10760900	4	17.310	29530400	20.0
2,3',4',5'-Tetr...	18.804	14.2	ng/ul	21031200	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	18.904	3.3	ng/ul	4936380	4	17.310	29530400	20.0
2,3',4,5-Tetrac...	19.104	5.3	ng/ul	7790400	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	19.151	9.4	ng/ul	13908400	4	17.310	29530400	20.0
1,1'-Biphenyl, ...	19.186	8.0	ng/ul	11798800	4	17.310	29530400	20.0
Phthalic acid, ...	21.092	5.4	ng/ul	22329900	5	21.398	83331600	20.0