

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016653.D
 Acq On : 18 Aug 2023 22:03
 Operator : MA/JU
 Sample : 03968-32
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48Q0

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-BP081423.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP016653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	14	18	26	rVB	85776	123994	1.49%	0.123%
2	3.828	88	92	108	rBV	768474	1216851	14.64%	1.210%
3	3.946	108	112	121	rVV	31064	54504	0.66%	0.054%
4	4.034	121	127	138	rVB	77848	132230	1.59%	0.131%
5	4.146	142	146	151	rVB	26765	40312	0.48%	0.040%
6	4.534	209	212	218	rVB5	16050	22605	0.27%	0.022%
7	5.087	301	306	312	rVB	52572	75385	0.91%	0.075%
8	5.999	455	461	467	rVB7	14523	28231	0.34%	0.028%
9	6.999	624	631	637	rBV6	13138	25378	0.31%	0.025%
10	7.193	656	664	679	rBV	1277958	2244893	27.00%	2.232%
11	7.387	687	697	704	rBV	1043744	1596061	19.20%	1.587%
12	7.569	720	728	736	rBV	1241972	1962547	23.60%	1.951%
13	7.640	736	740	751	rVB	51248	101323	1.22%	0.101%
14	8.052	802	810	820	rBV	1179947	1896208	22.81%	1.885%
15	8.752	922	929	938	rBV	1493758	2362187	28.41%	2.348%
16	8.899	946	954	961	rVB	542680	862296	10.37%	0.857%
17	9.058	973	981	993	rVB2	18506	61696	0.74%	0.061%
18	9.246	1003	1013	1025	rBV	1206260	2010295	24.18%	1.998%
19	9.475	1045	1052	1059	rVB4	13722	29427	0.35%	0.029%
20	9.963	1123	1135	1147	rVV	965003	1617306	19.45%	1.608%
21	10.081	1149	1155	1161	rVV	62759	121700	1.46%	0.121%
22	10.322	1190	1196	1202	rBV2	39613	65916	0.79%	0.066%
23	10.487	1216	1224	1238	rBV	1564532	2561643	30.81%	2.546%
24	10.881	1284	1291	1298	rBV	1793673	2966334	35.68%	2.949%
25	10.934	1298	1300	1309	rVB5	28327	57239	0.69%	0.057%
26	11.034	1309	1317	1338	rBV	1196727	2190730	26.35%	2.178%
27	11.422	1377	1383	1392	rBV4	34690	76995	0.93%	0.077%
28	11.628	1411	1418	1421	rBV8	15256	31100	0.37%	0.031%
29	11.693	1425	1429	1433	rVB	20896	34385	0.41%	0.034%
30	11.822	1447	1451	1455	rBV	49275	66526	0.80%	0.066%
31	12.093	1492	1497	1501	rBV5	17392	29933	0.36%	0.030%
32	12.169	1505	1510	1515	rBV6	19820	27578	0.33%	0.027%
33	12.228	1515	1520	1523	rBV4	27118	42043	0.51%	0.042%
34	12.263	1523	1526	1532	rVB	19178	31553	0.38%	0.031%
35	12.457	1554	1559	1563	rVB2	29874	48269	0.58%	0.048%
36	12.534	1567	1572	1576	rBV3	17050	31409	0.38%	0.031%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
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37	12.751	1605	1609	1614	rVB5	18235	26332	0.32%	0.026%
38	12.857	1622	1627	1634	rBV9	14294	36656	0.44%	0.036%
39	12.934	1636	1640	1646	rVV5	13720	23608	0.28%	0.023%
40	13.034	1653	1657	1663	rVB6	13246	21507	0.26%	0.021%
41	13.110	1666	1670	1674	rBV7	20907	36179	0.44%	0.036%
42	13.169	1675	1680	1686	rVB	76363	110858	1.33%	0.110%
43	13.463	1723	1730	1734	rVB2	45374	80185	0.96%	0.080%
44	13.546	1738	1744	1751	rVB	132639	248241	2.99%	0.247%
45	13.851	1792	1796	1798	rBV5	19243	29497	0.35%	0.029%
46	13.881	1798	1801	1806	rVB6	21175	33177	0.40%	0.033%
47	14.016	1820	1824	1830	rVB5	27926	44169	0.53%	0.044%
48	14.110	1830	1840	1847	rBV	2900235	3879912	46.66%	3.857%
49	14.398	1882	1889	1899	rBV2	3207466	4750497	57.13%	4.722%
50	14.534	1909	1912	1920	rVB6	26576	44835	0.54%	0.045%
51	14.628	1921	1928	1932	rBV6	26810	57596	0.69%	0.057%
52	14.698	1934	1940	1947	rVV	2661396	3921425	47.16%	3.898%
53	14.763	1947	1951	1955	rVB	69063	96606	1.16%	0.096%
54	14.816	1955	1960	1964	rVB	125430	173440	2.09%	0.172%
55	14.898	1968	1974	1986	rBV	1100341	1763700	21.21%	1.753%
56	15.081	2001	2005	2010	rBV5	51484	110905	1.33%	0.110%
57	15.128	2010	2013	2023	rVB3	136983	212618	2.56%	0.211%
58	15.310	2040	2044	2048	rBV7	20726	33828	0.41%	0.034%
59	15.445	2064	2067	2071	rBV4	29704	39487	0.47%	0.039%
60	15.634	2095	2099	2102	rBV	26321	33174	0.40%	0.033%
61	15.693	2102	2109	2116	rBV	4047504	5871257	70.61%	5.836%
62	15.751	2116	2119	2124	rVB	72560	98275	1.18%	0.098%
63	15.810	2124	2129	2136	rBV	745488	1065832	12.82%	1.060%
64	15.951	2147	2153	2158	rVB	418719	598073	7.19%	0.595%
65	16.040	2165	2168	2172	rVB3	21408	27947	0.34%	0.028%
66	16.375	2219	2225	2239	rVB9	57571	183061	2.20%	0.182%
67	16.675	2272	2276	2281	rBV	183389	262335	3.16%	0.261%
68	16.728	2282	2285	2286	rBV2	48807	48929	0.59%	0.049%
69	16.981	2322	2328	2333	rBV	462338	655725	7.89%	0.652%
70	17.204	2362	2366	2370	rVB5	63146	95381	1.15%	0.095%
71	17.287	2377	2380	2383	rVB	44552	53892	0.65%	0.054%
72	17.328	2384	2387	2389	rVV2	55025	65902	0.79%	0.066%
73	17.363	2389	2393	2400	rVB	188604	262412	3.16%	0.261%
74	17.469	2402	2411	2415	rBV	3454601	5381887	64.73%	5.350%
75	17.510	2415	2418	2422	rVV	1095085	1393062	16.75%	1.385%
76	17.569	2422	2428	2433	rVV	4539601	6540662	78.66%	6.502%

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77	17.628	2436	2438	2446	rVB2	355432	549810	6.61%	0.547%
78	17.898	2482	2484	2487	rVB2	112347	109194	1.31%	0.109%
79	18.039	2504	2508	2513	rBV2	188140	287850	3.46%	0.286%
80	18.157	2524	2528	2535	rBV3	121106	206374	2.48%	0.205%
81	18.310	2549	2554	2561	rBV2	859228	1614132	19.41%	1.605%
82	18.369	2561	2564	2574	rVV2	321068	680021	8.18%	0.676%
83	18.451	2575	2578	2582	rVV2	137781	185426	2.23%	0.184%
84	18.504	2582	2587	2592	rVV3	375536	838964	10.09%	0.834%
85	18.551	2592	2595	2599	rVV2	382227	537183	6.46%	0.534%
86	18.592	2599	2602	2609	rVB	234087	324898	3.91%	0.323%
87	18.810	2636	2639	2644	rVB	119944	153931	1.85%	0.153%
88	18.898	2652	2654	2659	rVB3	131950	170128	2.05%	0.169%
89	19.116	2689	2691	2696	rBV2	106027	142666	1.72%	0.142%
90	19.469	2746	2751	2756	rVB	1635075	2085744	25.09%	2.073%
91	19.539	2760	2763	2773	rVB3	225693	368499	4.43%	0.366%
92	19.798	2801	2807	2810	rBV	5879746	8314601	100.00%	8.265%
93	19.828	2810	2812	2818	rVB	1866506	1974729	23.75%	1.963%
94	20.263	2883	2886	2889	rBV2	233206	304834	3.67%	0.303%
95	20.398	2906	2909	2913	rBV	219714	284650	3.42%	0.283%
96	21.216	3044	3048	3055	rBV3	1080224	1696797	20.41%	1.687%
97	21.563	3100	3107	3111	rBV2	3804448	6104957	73.42%	6.069%
98	21.604	3111	3114	3118	rVB	798606	991818	11.93%	0.986%
99	23.974	3510	3517	3523	rVB2	2759097	5534439	66.56%	5.502%
100	24.145	3540	3546	3554	rVB	1888373	3873893	46.59%	3.851%

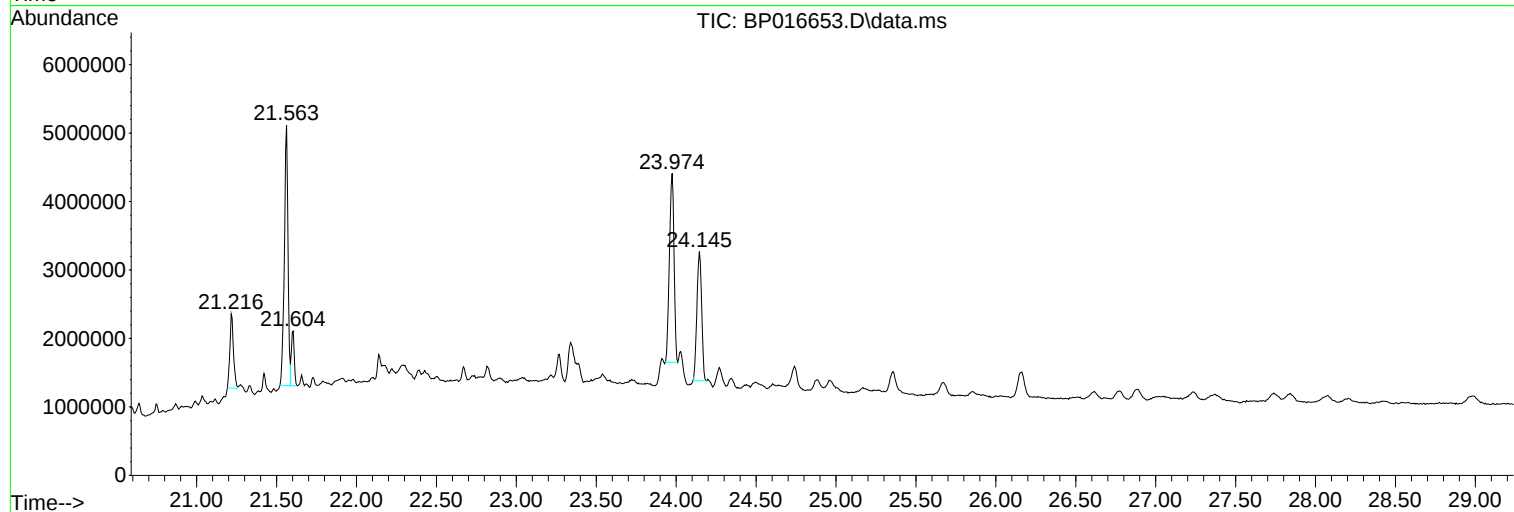
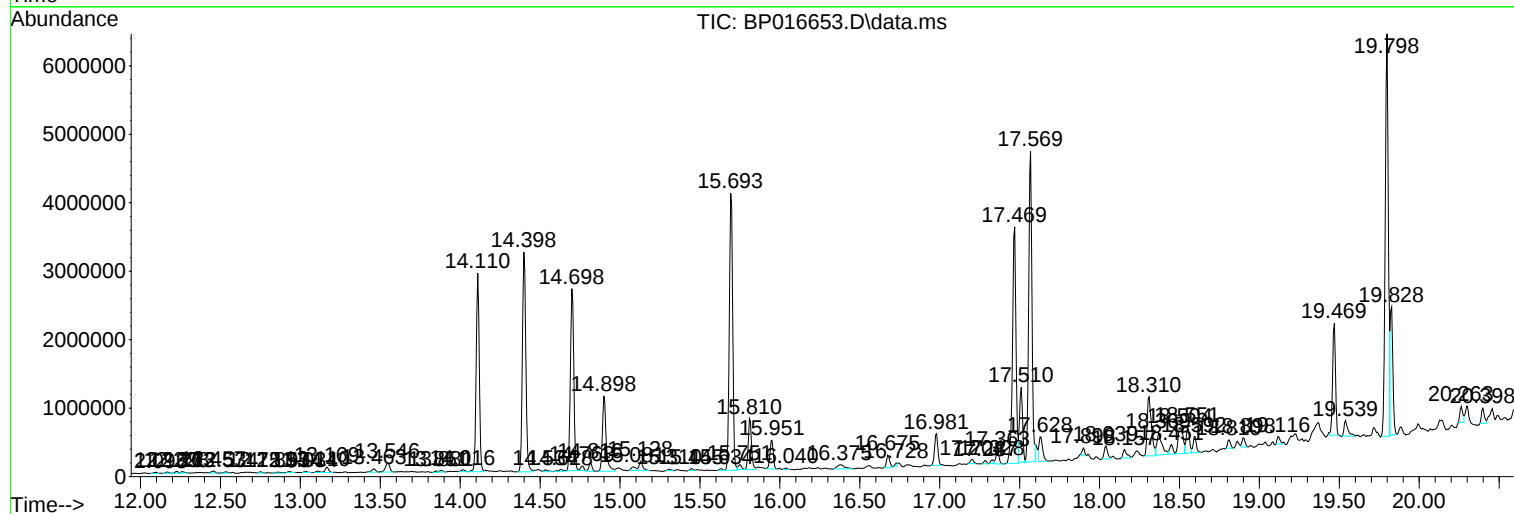
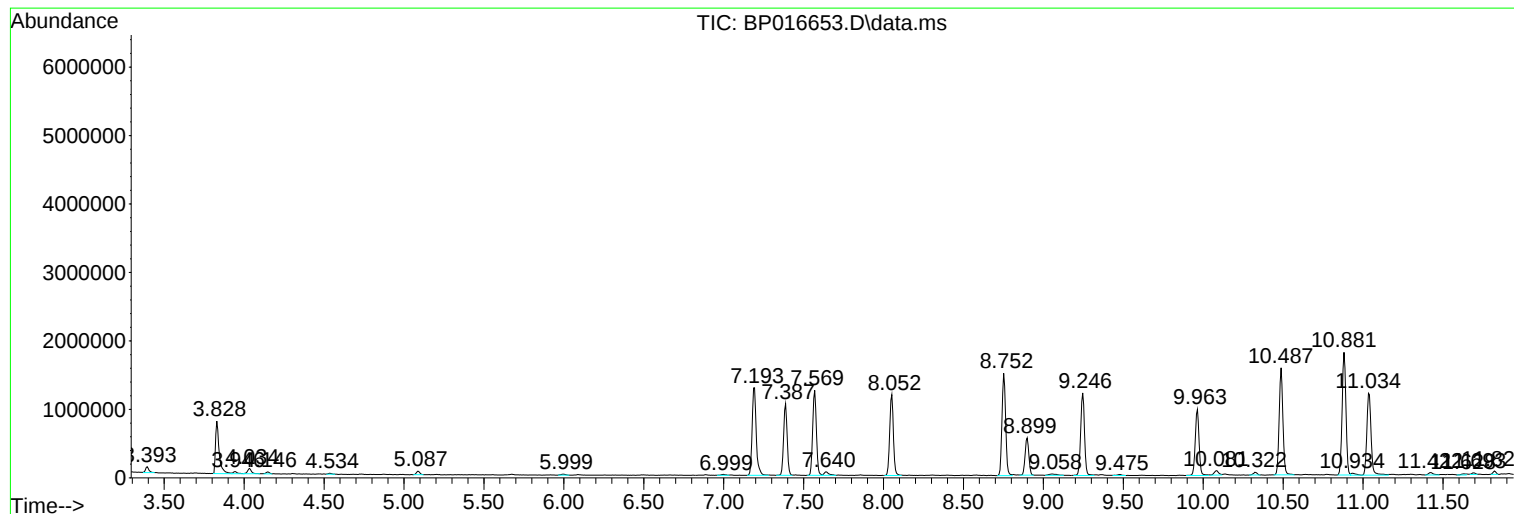
Sum of corrected areas: 100595684

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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



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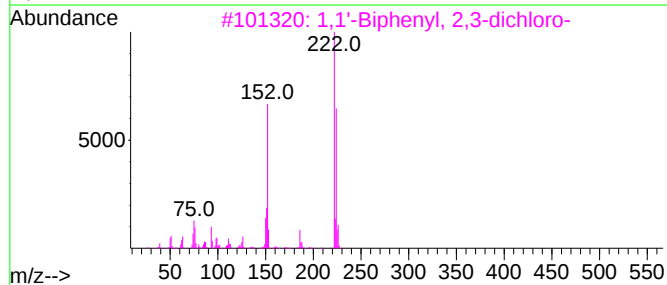
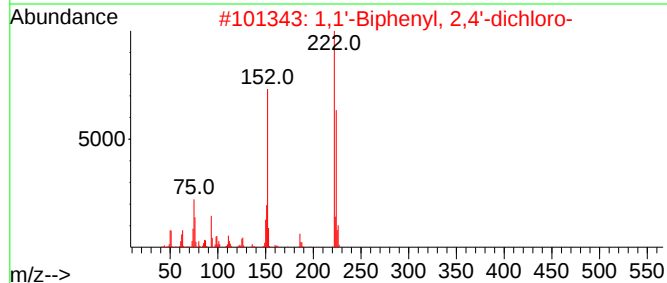
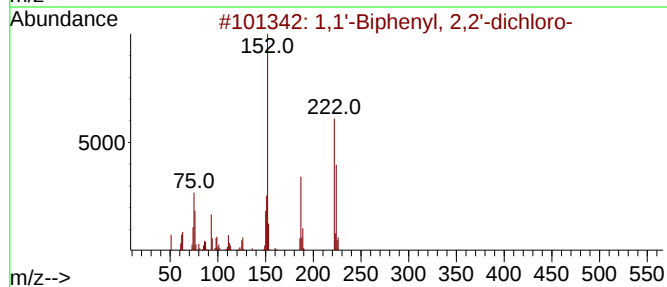
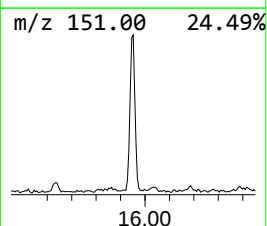
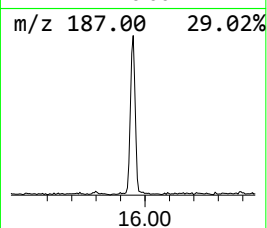
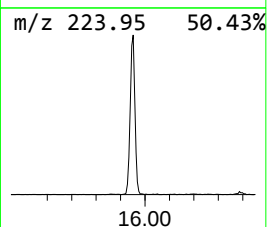
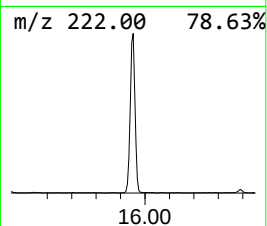
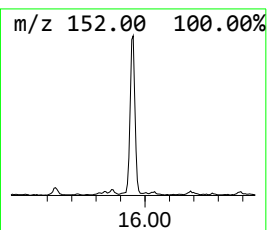
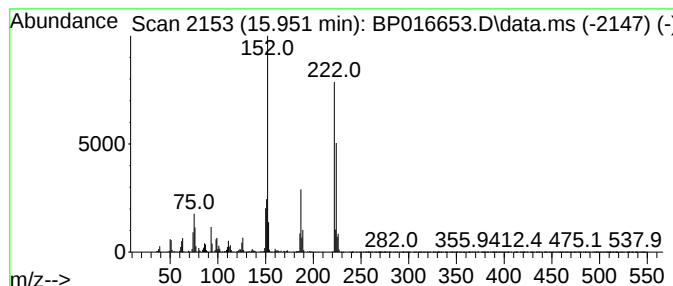
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	3.05 ng/ul	598073	Acenaphthene-d10	14.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98		
4	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	97		
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97		



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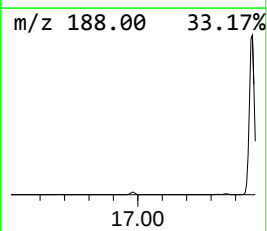
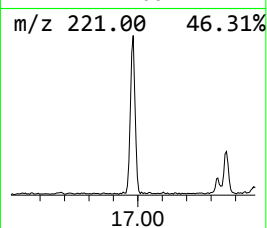
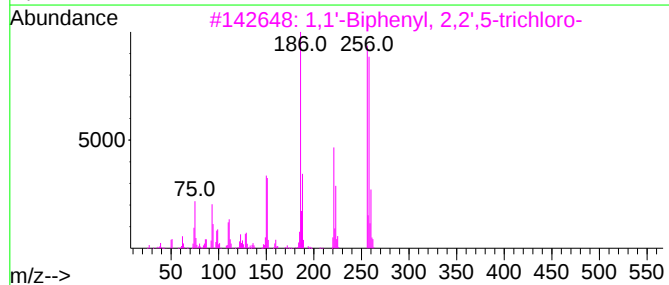
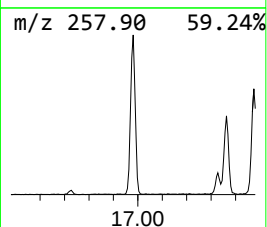
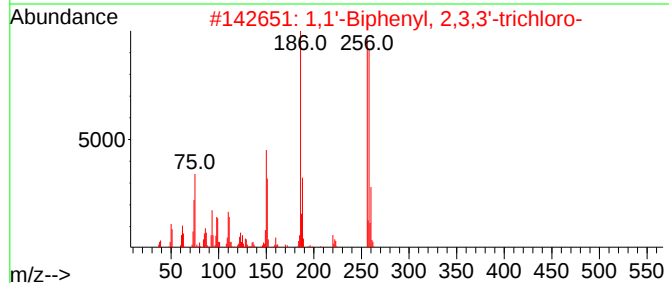
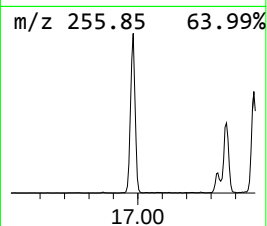
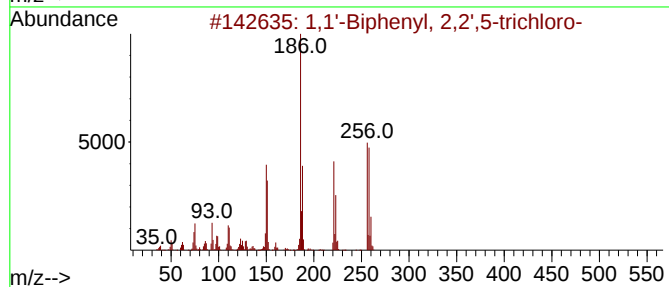
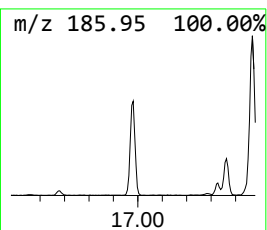
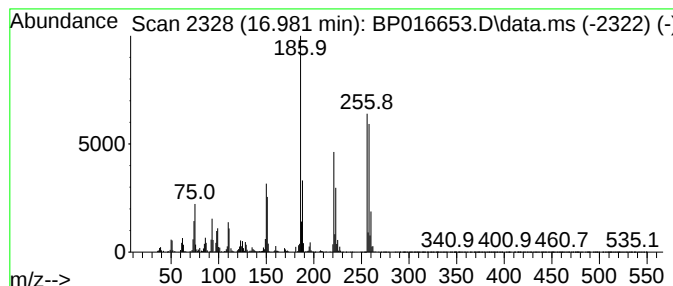
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	2.44 ng/ul	655725	Phenanthrene-d10	17.469

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99		



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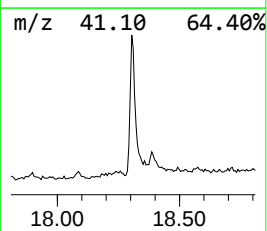
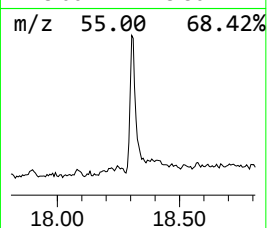
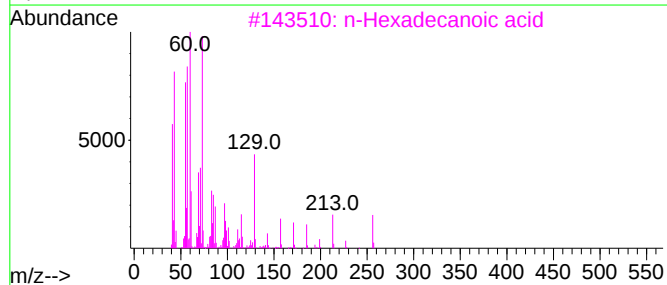
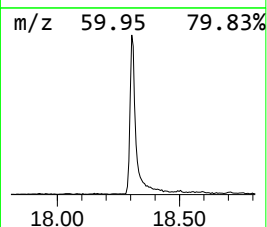
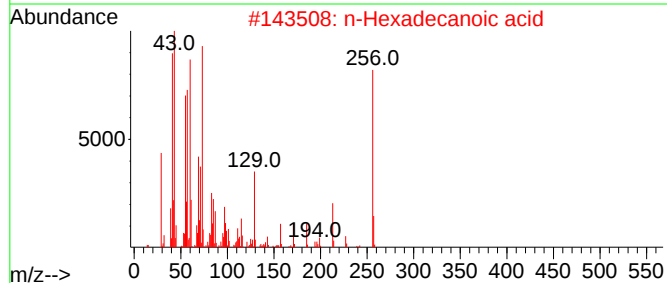
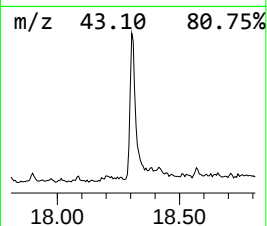
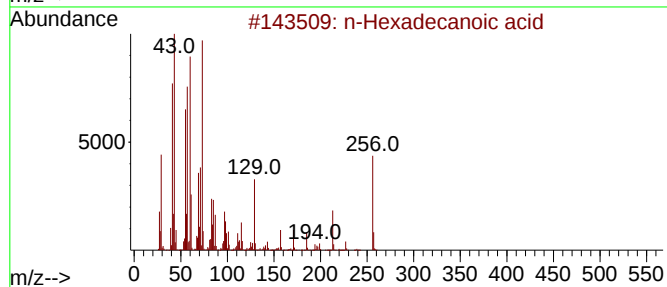
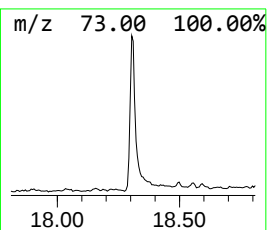
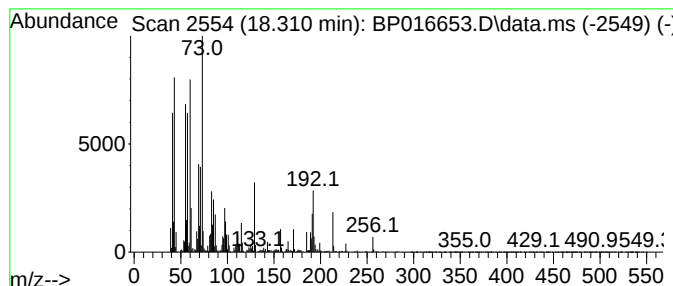
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	6.00 ng/ul	1614130	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016653.D
Acq On : 18 Aug 2023 22:03
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q0

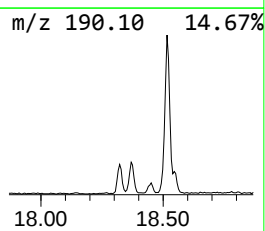
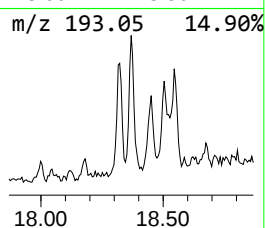
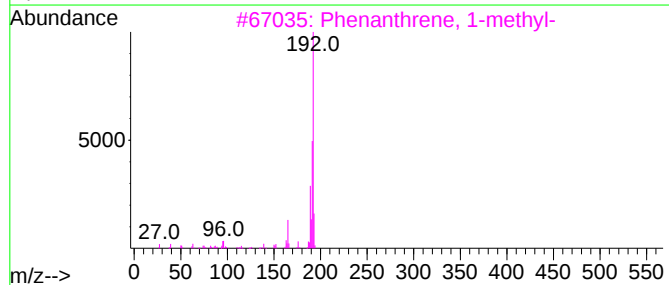
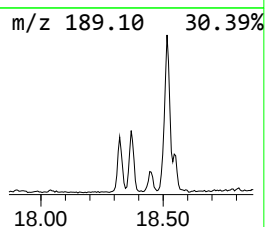
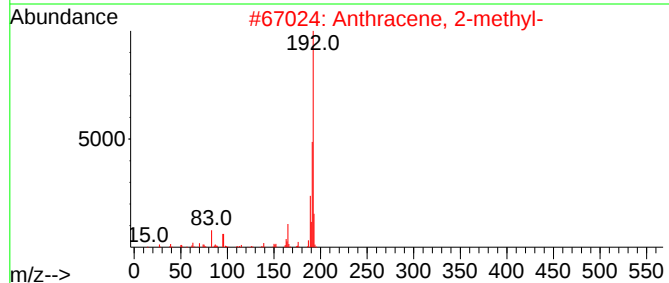
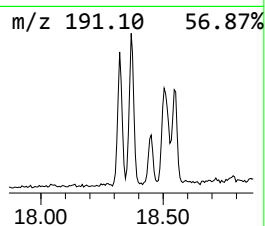
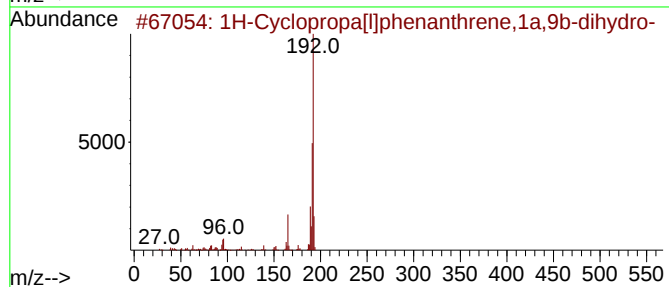
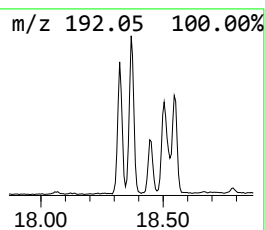
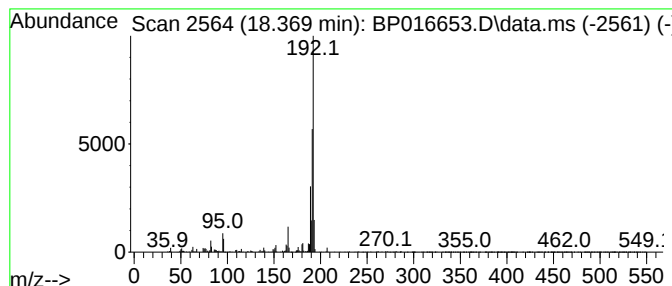
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	2.53 ng/ul	680021	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016653.D
Acq On : 18 Aug 2023 22:03
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q0

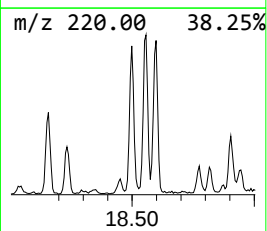
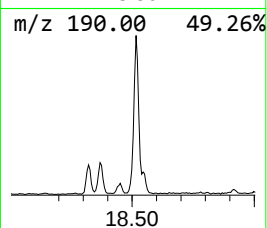
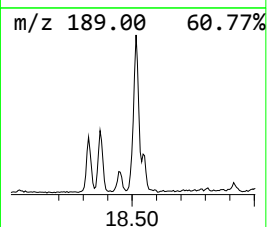
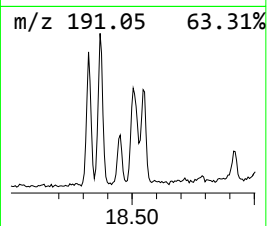
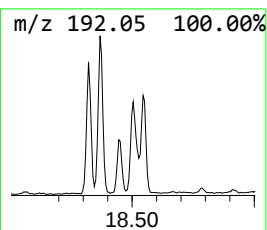
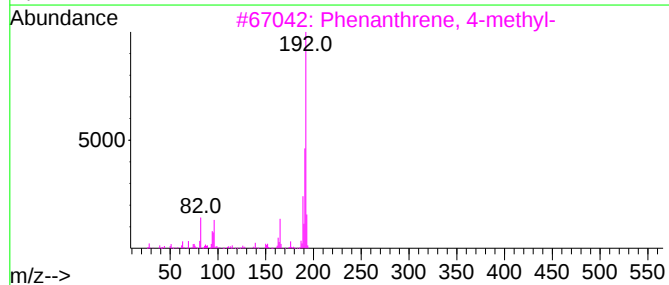
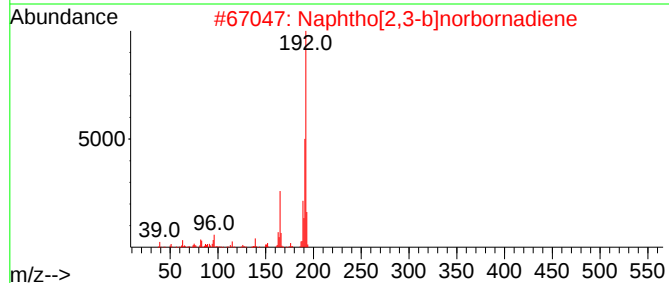
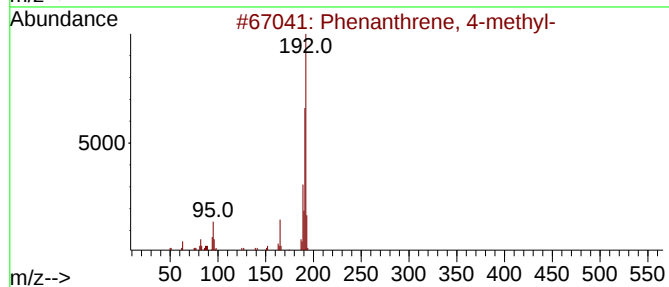
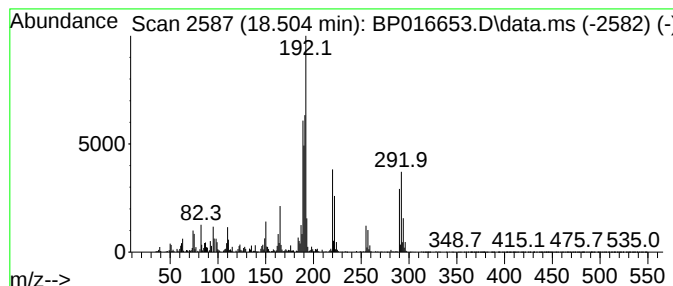
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	3.12 ng/ul	838964	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016653.D
Acq On : 18 Aug 2023 22:03
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 21 Sample Multiplier: 1

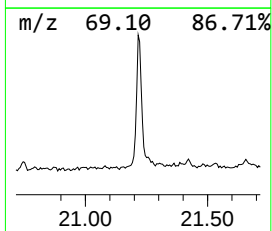
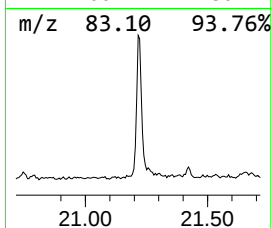
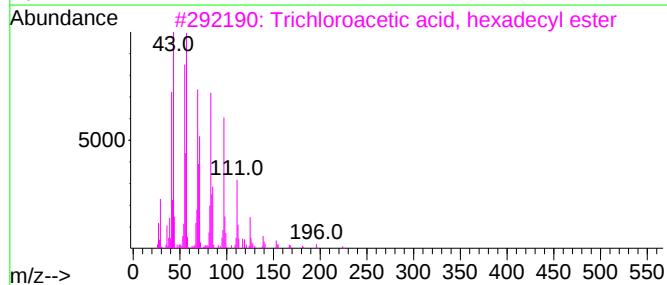
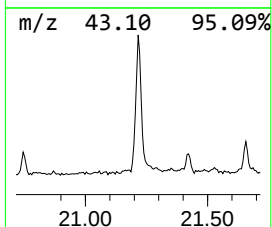
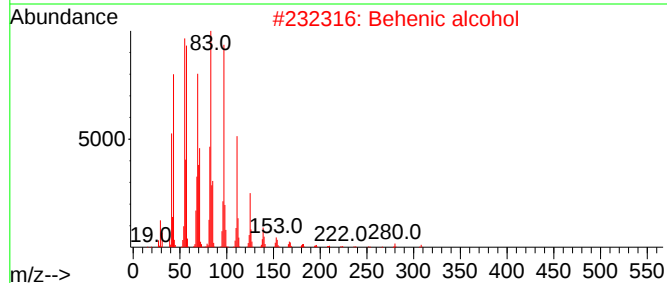
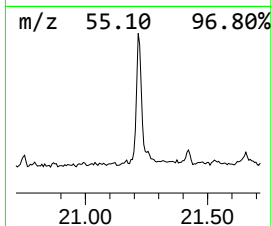
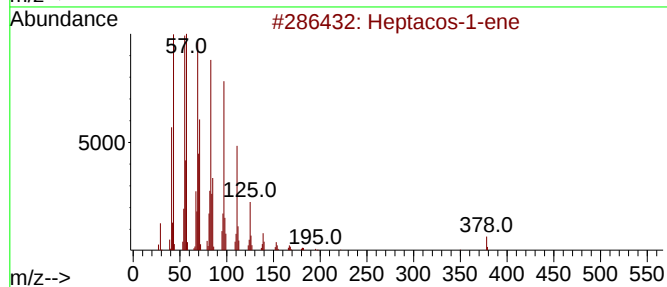
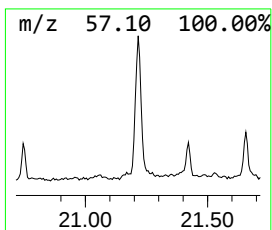
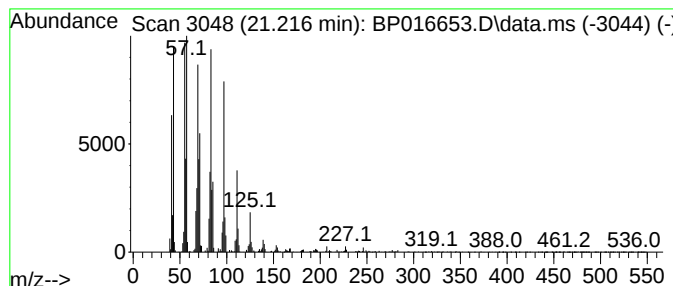
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.216	5.56 ng/ul	1696800	Chrysene-d12	21.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016653.D
Acq On : 18 Aug 2023 22:03
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	15.951	3.0	ng/ul	598073	3	14.698	3921430	20.0
1,1'-Biphenyl, ...	16.981	2.4	ng/ul	655725	4	17.469	5381890	20.0
n-Hexadecanoic ...	18.310	6.0	ng/ul	1614130	4	17.469	5381890	20.0
1H-Cyclopropa[1...	18.369	2.5	ng/ul	680021	4	17.469	5381890	20.0
Phenanthrene, 4...	18.504	3.1	ng/ul	838964	4	17.469	5381890	20.0
(DEL) Alkane: S...	21.216	5.6	ng/ul	1696800	5	21.563	6104960	20.0