

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
 Data File : BN005951.D
 Acq On : 30 May 2019 03:11
 Operator : JU/SJ
 Sample : K2928-07RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.266	16	19	28	rVB	78291	127918	1.64%	0.105%
2	3.771	101	105	113	rVB	152442	209591	2.69%	0.172%
3	3.895	121	126	133	rVV	135280	209649	2.69%	0.172%
4	3.989	137	142	151	rVB	82861	140236	1.80%	0.115%
5	4.871	286	292	298	rBV	178153	291753	3.74%	0.240%
6	4.971	304	309	316	rBV2	87486	144132	1.85%	0.118%
7	5.407	378	383	391	rBV	89941	169292	2.17%	0.139%
8	6.736	599	609	614	rVV7	63355	131573	1.69%	0.108%
9	6.907	629	638	646	rVV	1365904	2407499	30.89%	1.978%
10	7.071	660	666	673	rVB	1224105	1902382	24.41%	1.563%
11	7.271	694	700	708	rVB	1502796	2346411	30.11%	1.928%
12	7.736	771	779	786	rVV	2346844	3831367	49.16%	3.149%
13	8.389	882	890	893	rVV3	48196	121718	1.56%	0.100%
14	8.436	893	898	906	rVV	1141545	1842634	23.64%	1.514%
15	8.559	914	919	925	rVV4	74210	142448	1.83%	0.117%
16	8.624	925	930	936	rVB2	61241	115395	1.48%	0.095%
17	8.889	968	975	982	rVV	1498182	2482842	31.86%	2.040%
18	8.959	982	987	991	rVB	99399	145554	1.87%	0.120%
19	9.606	1090	1097	1103	rBV	924986	1538236	19.74%	1.264%
20	10.142	1176	1188	1197	rVV	1789962	3009055	38.61%	2.473%
21	10.524	1242	1253	1259	rBV	3372003	5839791	74.93%	4.799%
22	10.571	1259	1261	1267	rVV	111269	153156	1.97%	0.126%
23	10.659	1268	1276	1288	rVB2	1449567	2689009	34.50%	2.210%
24	11.442	1399	1409	1415	rBV6	63667	154385	1.98%	0.127%
25	11.547	1423	1427	1433	rVV	122767	190366	2.44%	0.156%
26	11.947	1491	1495	1502	rBV	137581	196533	2.52%	0.162%
27	12.189	1530	1536	1543	rVB	130636	220666	2.83%	0.181%
28	12.412	1568	1574	1577	rBV	82910	146432	1.88%	0.120%
29	12.489	1582	1587	1591	rVB	87468	133783	1.72%	0.110%
30	13.206	1702	1709	1716	rBV2	175456	266148	3.41%	0.219%
31	13.271	1716	1720	1725	rBV	79905	139464	1.79%	0.115%
32	13.424	1740	1746	1754	rVB5	45188	119400	1.53%	0.098%
33	13.653	1779	1785	1788	rBV	116280	174200	2.24%	0.143%
34	13.700	1788	1793	1797	rVV	304685	518260	6.65%	0.426%

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35	13.753	1797	1802	1803	rVV	185709	261610	3.36%	0.215%
36	13.789	1803	1808	1812	rVV	3292408	4730101	60.69%	3.887%
37	13.836	1812	1816	1825	rVV	1336838	1860914	23.88%	1.529%
38	13.936	1830	1833	1837	rVV2	97620	149228	1.91%	0.123%
39	14.071	1850	1856	1869	rVB	3665185	5524466	70.88%	4.540%
40	14.283	1887	1892	1897	rBV	148171	186831	2.40%	0.154%
41	14.383	1899	1909	1916	rBV2	4652074	7227668	92.74%	5.940%
42	14.583	1936	1943	1955	rBV2	900647	1492736	19.15%	1.227%
43	14.736	1963	1969	1973	rBV5	105750	191185	2.45%	0.157%
44	14.783	1973	1977	1984	rVV2	235294	428198	5.49%	0.352%
45	14.859	1984	1990	1994	rVB	183339	276449	3.55%	0.227%
46	15.000	2007	2014	2018	rBV2	130420	242898	3.12%	0.200%
47	15.053	2018	2023	2028	rVB2	167980	243617	3.13%	0.200%
48	15.177	2037	2044	2047	rBV4	113775	214319	2.75%	0.176%
49	15.312	2063	2067	2071	rVB2	112521	134500	1.73%	0.111%
50	15.377	2071	2078	2084	rBV	4716996	6593128	84.60%	5.418%
51	15.471	2090	2094	2098	rBV3	85474	136326	1.75%	0.112%
52	15.553	2103	2108	2113	rVV5	76456	143400	1.84%	0.118%
53	15.724	2130	2137	2146	rVB4	136673	274545	3.52%	0.226%
54	15.888	2154	2165	2170	rBV6	58210	155608	2.00%	0.128%
55	15.965	2170	2178	2185	rVB3	100976	223799	2.87%	0.184%
56	16.041	2185	2191	2197	rBV7	49123	122134	1.57%	0.100%
57	16.106	2197	2202	2208	rBV3	161548	308190	3.95%	0.253%
58	16.206	2215	2219	2223	rBV	111696	152844	1.96%	0.126%
59	16.441	2251	2259	2263	rBV4	144754	336662	4.32%	0.277%
60	16.488	2263	2267	2273	rVB	250380	345978	4.44%	0.284%
61	16.671	2290	2298	2301	rBV3	127525	237932	3.05%	0.196%
62	16.788	2313	2318	2325	rBV3	245409	480325	6.16%	0.395%
63	16.953	2342	2346	2354	rVB3	128689	234377	3.01%	0.193%
64	17.130	2370	2376	2381	rBV2	5190624	7793657	100.00%	6.405%
65	17.171	2381	2383	2388	rVB	914595	1117391	14.34%	0.918%
66	17.230	2388	2393	2398	rBV2	4216797	5831027	74.82%	4.792%
67	17.329	2403	2410	2414	rBV3	252685	518393	6.65%	0.426%
68	17.377	2414	2418	2420	rVV	270450	387031	4.97%	0.318%
69	17.418	2420	2425	2427	rVV	239940	489215	6.28%	0.402%
70	17.441	2427	2429	2434	rVB2	304098	416373	5.34%	0.342%
71	17.712	2471	2475	2488	rVB2	367067	590906	7.58%	0.486%

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72	17.812	2488	2492	2496	rBV	150161	217727	2.79%	0.179%
73	18.006	2521	2525	2528	rBV	767849	1176144	15.09%	0.967%
74	18.053	2530	2533	2540	rVV	1167369	1757740	22.55%	1.445%
75	18.141	2544	2548	2550	rVV	110568	185391	2.38%	0.152%
76	18.194	2553	2557	2562	rVV2	626184	975899	12.52%	0.802%
77	18.241	2562	2565	2572	rVB	296602	413800	5.31%	0.340%
78	18.329	2576	2580	2582	rVV2	162351	229637	2.95%	0.189%
79	18.359	2582	2585	2589	rVV3	304731	467920	6.00%	0.385%
80	18.406	2589	2593	2598	rVB2	202006	320005	4.11%	0.263%
81	18.512	2607	2611	2615	rBV	455128	641831	8.24%	0.527%
82	18.759	2650	2653	2658	rBV	267528	307323	3.94%	0.253%
83	18.812	2658	2662	2665	rVV	383413	472096	6.06%	0.388%
84	18.853	2665	2669	2672	rVB	252317	327551	4.20%	0.269%
85	18.935	2678	2683	2687	rBV	668160	983489	12.62%	0.808%
86	19.029	2696	2699	2702	rVB	178277	202307	2.60%	0.166%
87	19.071	2702	2706	2713	rBV	234229	385374	4.94%	0.317%
88	19.200	2723	2728	2734	rVB	1312123	1768984	22.70%	1.454%
89	19.265	2735	2739	2742	rBV	362193	449076	5.76%	0.369%
90	19.300	2742	2745	2750	rVB2	126049	206379	2.65%	0.170%
91	19.535	2780	2785	2789	rBV	4230353	6431729	82.53%	5.286%
92	19.641	2799	2803	2809	rVB2	274743	415307	5.33%	0.341%
93	19.882	2840	2844	2853	rBV4	316095	692355	8.88%	0.569%
94	20.059	2871	2874	2877	rVB2	316673	346086	4.44%	0.284%
95	20.659	2974	2976	2979	rBV	257729	311158	3.99%	0.256%
96	21.047	3039	3042	3049	rBV3	1224108	1523171	19.54%	1.252%
97	21.341	3086	3092	3096	rBV	4514145	6575508	84.37%	5.404%
98	22.923	3358	3361	3367	rVB2	763658	1069970	13.73%	0.879%
99	23.470	3449	3454	3469	rVB4	2273320	5575191	71.53%	4.582%
100	23.612	3473	3478	3485	rVB2	2564668	4948745	63.50%	4.067%

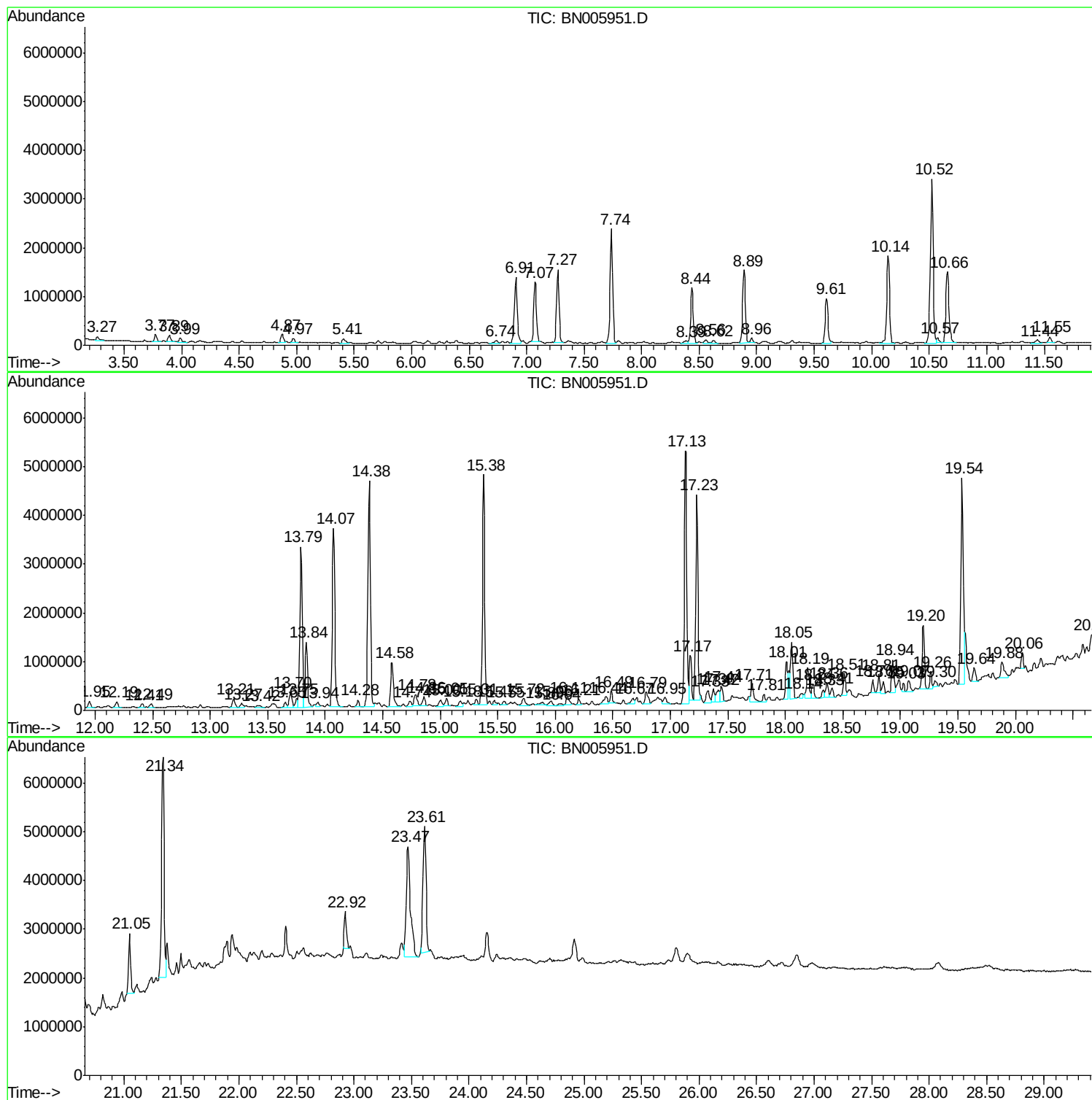
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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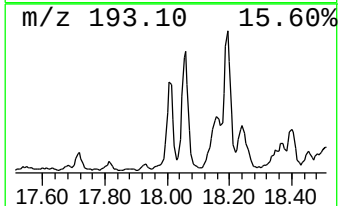
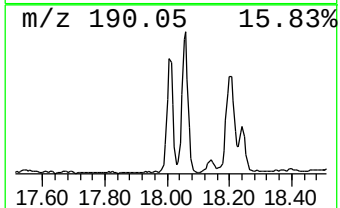
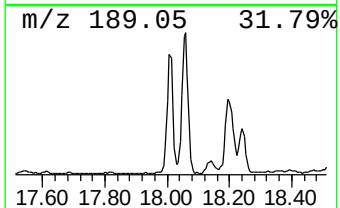
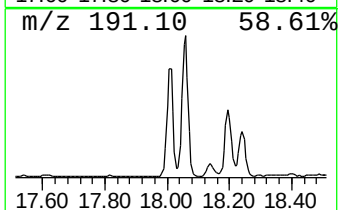
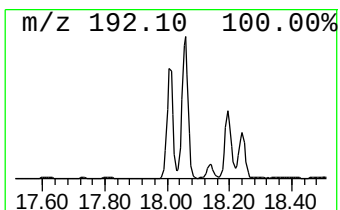
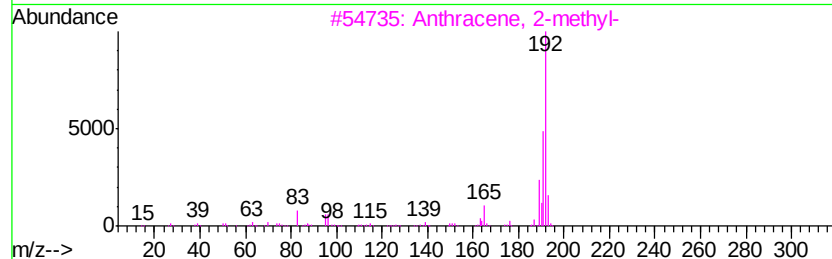
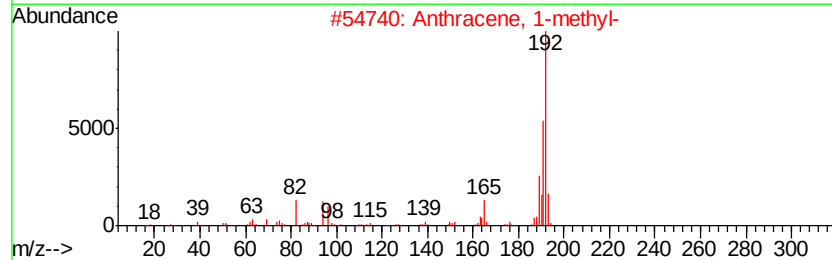
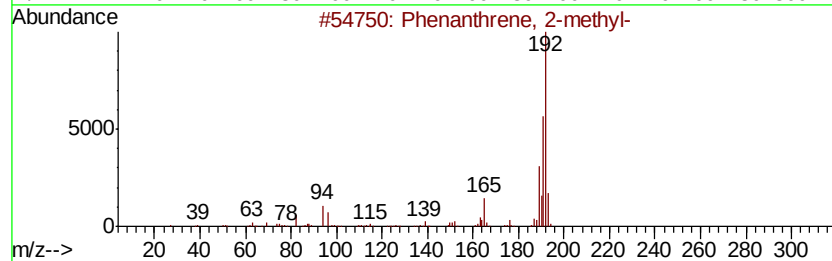
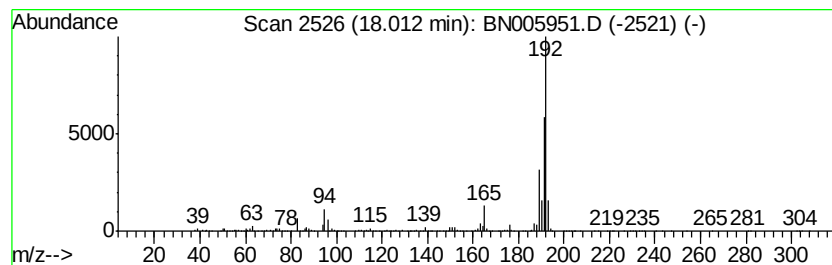
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	3.02 ng/ul	1176140	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



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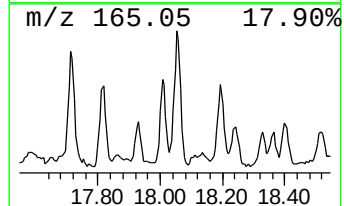
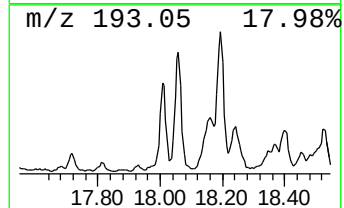
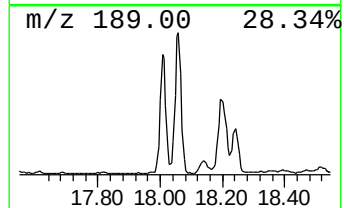
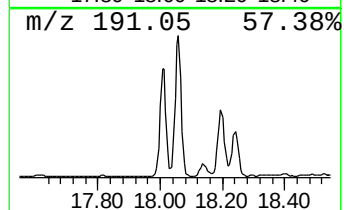
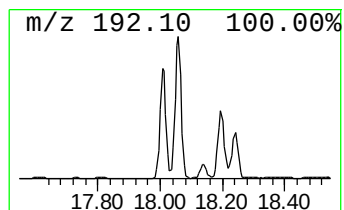
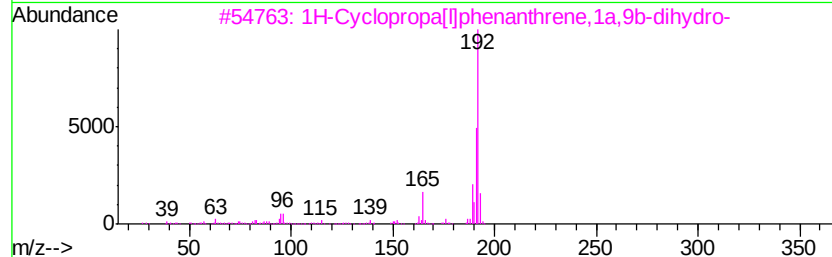
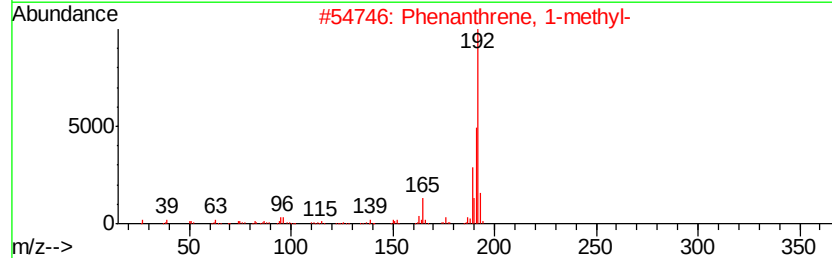
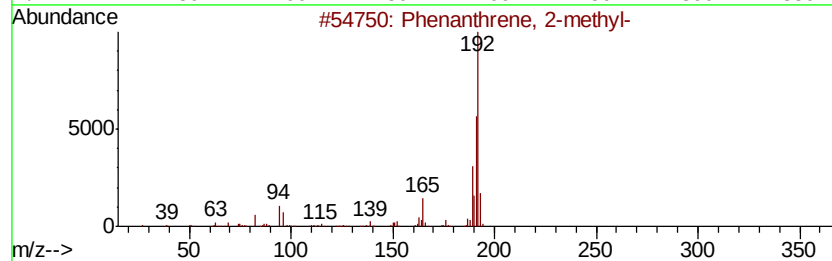
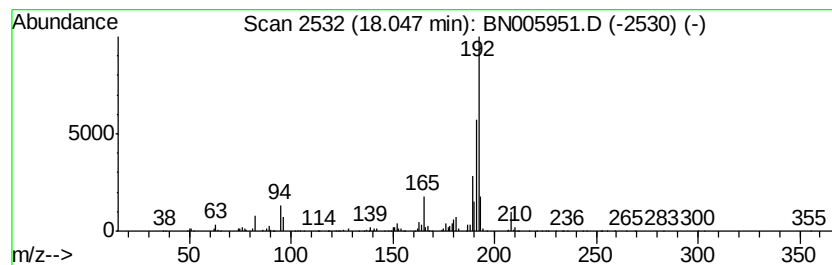
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	4.51 ng/ul	1757740	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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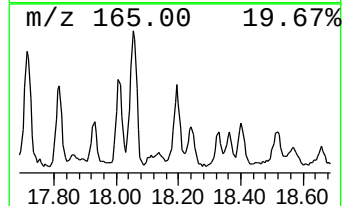
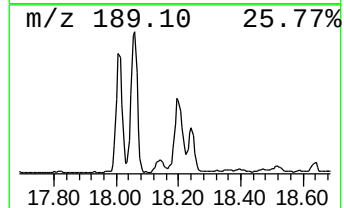
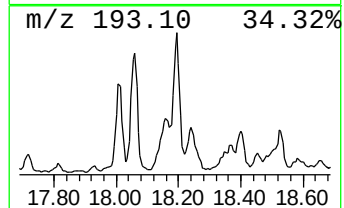
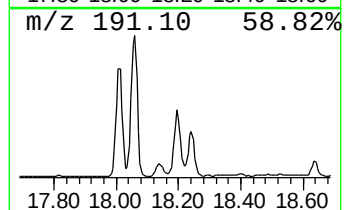
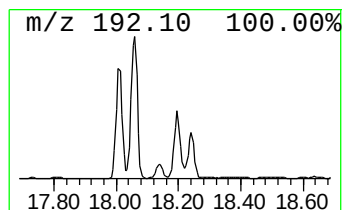
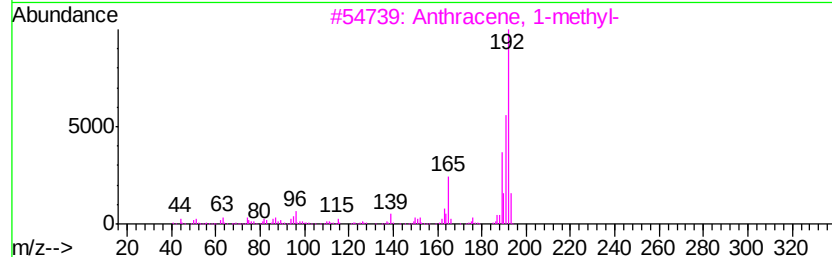
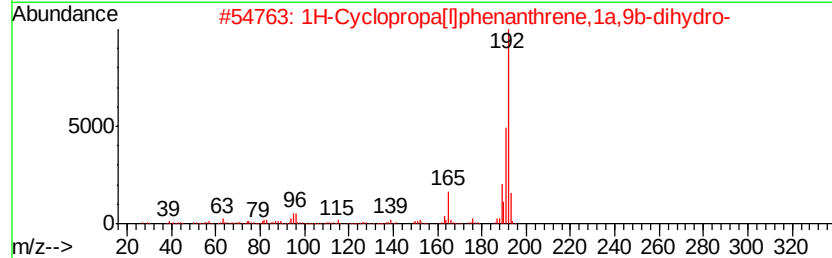
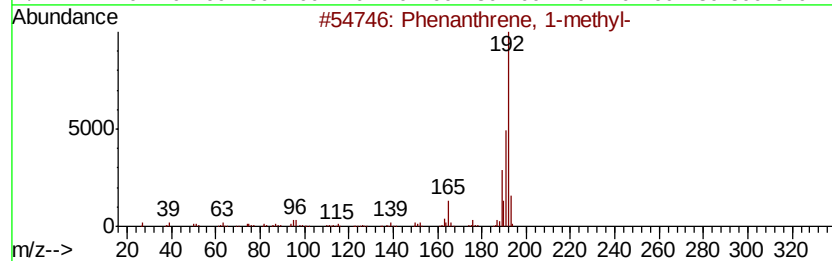
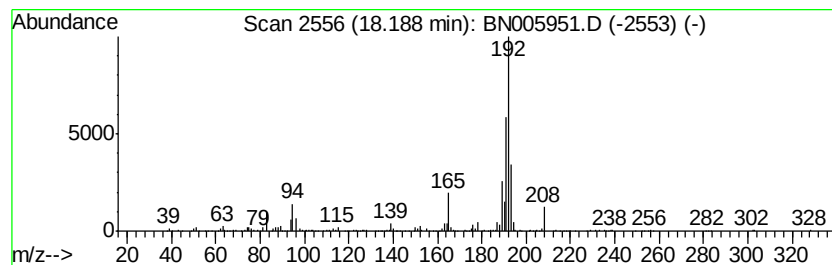
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.19	2.50 ng/ul	975899	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005951.D
Acq On : 30 May 2019 03:11
Operator : JU/SJ
Sample : K2928-07RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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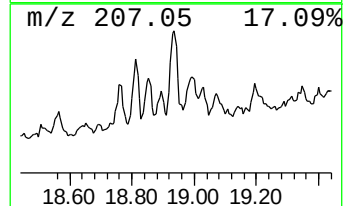
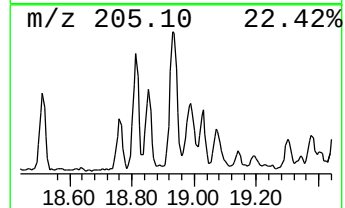
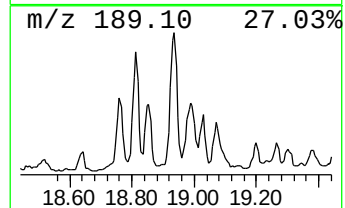
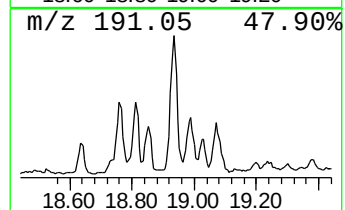
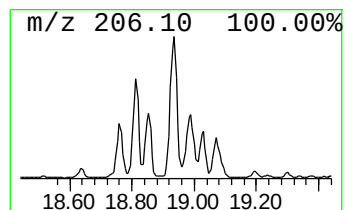
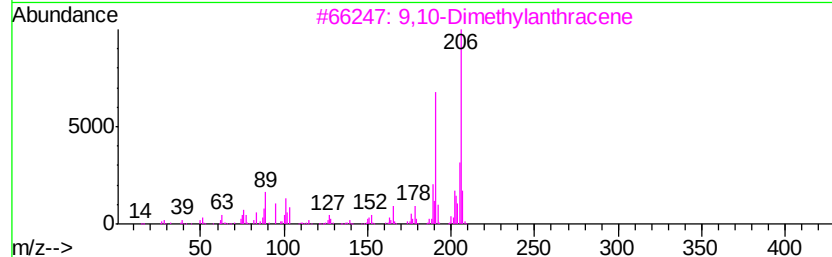
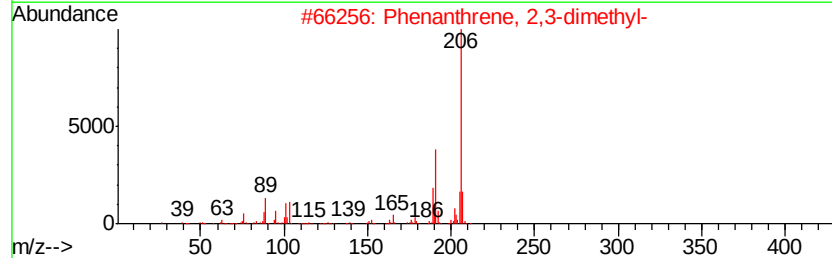
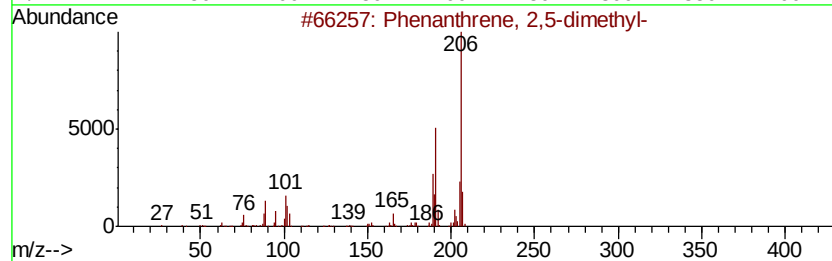
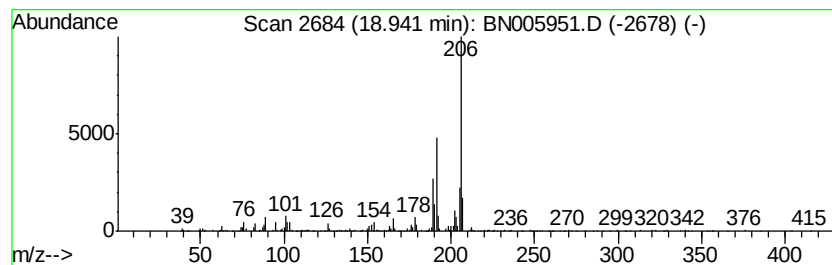
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.52 ng/ul	983489	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005951.D
Acq On : 30 May 2019 03:11
Operator : JU/SJ
Sample : K2928-07RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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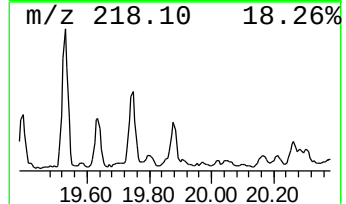
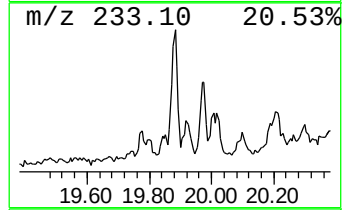
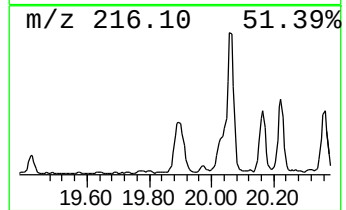
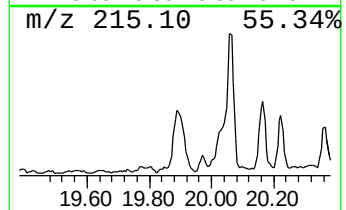
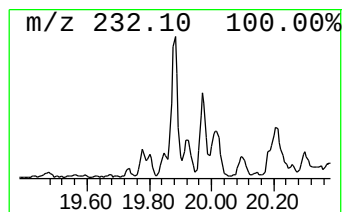
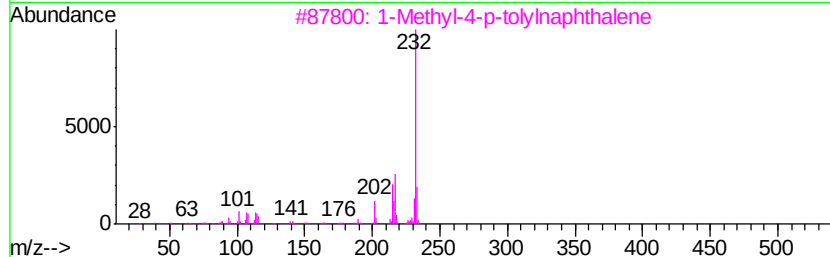
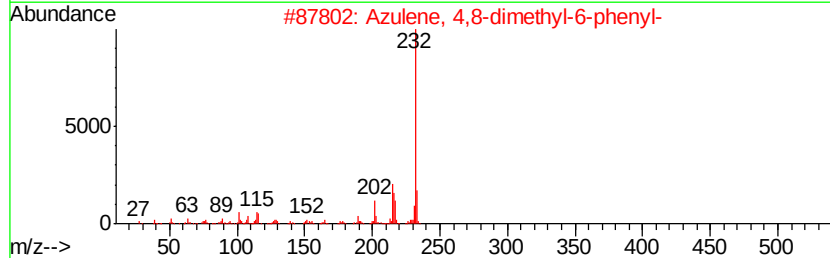
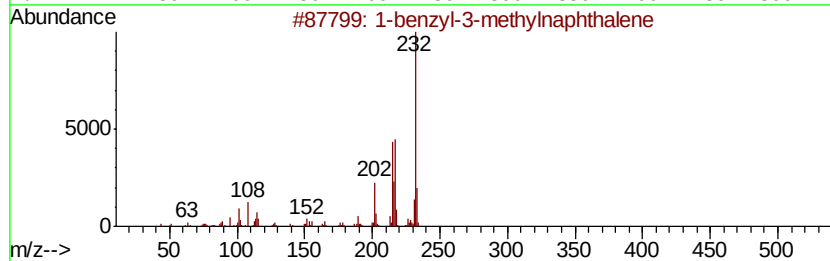
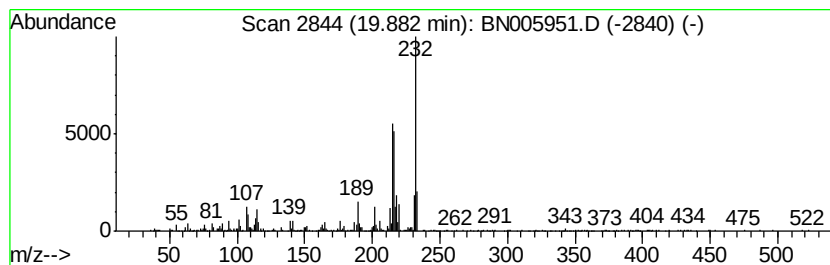
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-benzyl-3-methylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.11 ng/ul	692355	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	64
2		Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	60
3		1-Methyl-4-p-tolynaphthalene	232	C18H16	093870-57-6	58
4		Benzene, 1,1'-(1,3,5-hexatriene-...	232	C18H16	001720-32-7	47
5		1,4-Dimethyl-5-phenyl-naphthalene	232	C18H16	051036-92-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005951.D
Acq On : 30 May 2019 03:11
Operator : JU/SJ
Sample : K2928-07RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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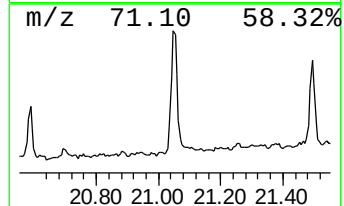
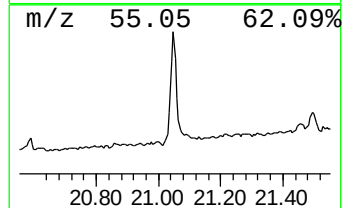
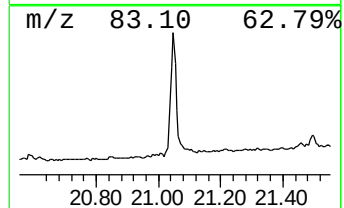
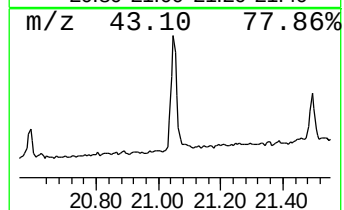
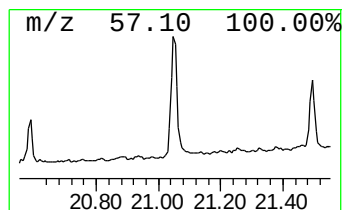
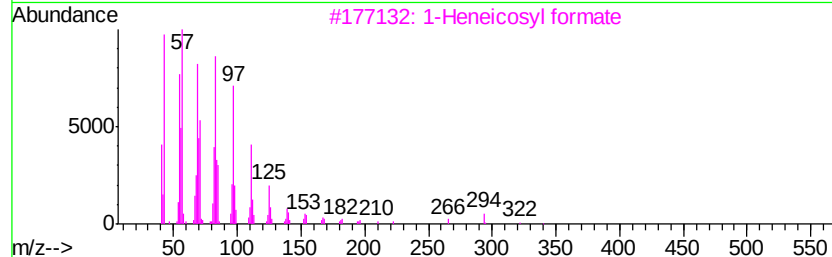
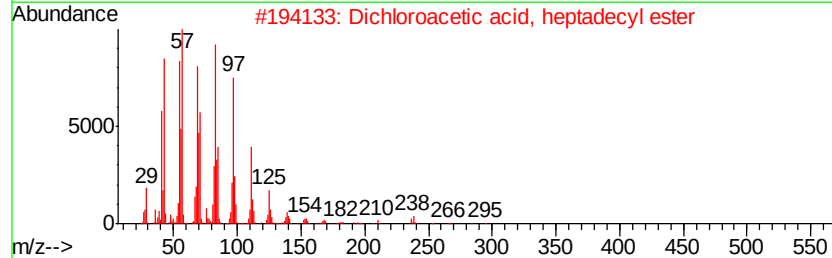
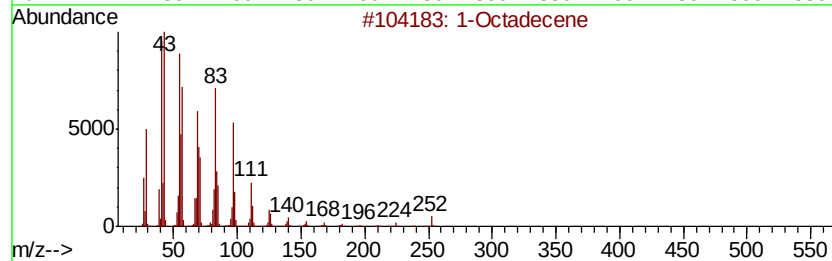
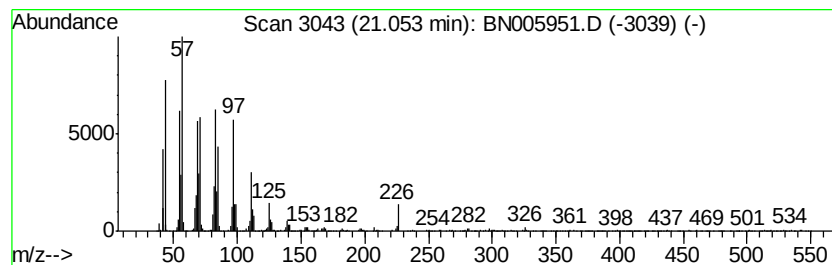
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic21.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	4.63 ng/ul	1523170	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



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Data File : BN005951.D
Acq On : 30 May 2019 03:11
Operator : JU/SJ
Sample : K2928-07RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.01	3.0	ng/ul	1176140	4	17.13	7793660	20.0
Phenanthrene, 1-m...	18.05	4.5	ng/ul	1757740	4	17.13	7793660	20.0
1H-Cyclopropa[l]p...	18.19	2.5	ng/ul	975899	4	17.13	7793660	20.0
Phenanthrene, 2,5...	18.94	2.5	ng/ul	983489	4	17.13	7793660	20.0
1-benzyl-3-methyl...	19.88	2.1	ng/ul	692355	5	21.34	6575510	20.0
(DEL) Alkane: Cyc...	21.05	4.6	ng/ul	1523170	5	21.34	6575510	20.0