

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005981.D
 Acq On : 31 May 2019 14:26
 Operator : JU/SJ
 Sample : K2928-07
 Misc :
 ALS Vial : 11 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	3.260	15	18	27	rVB	86614	124445	2.53%	0.162%
2	3.766	99	104	110	rBV	171983	215990	4.40%	0.281%
3	3.889	119	125	134	rVB	142962	230339	4.69%	0.300%
4	3.983	136	141	146	rVB	90865	122353	2.49%	0.159%
5	4.871	286	292	297	rVV	174574	258727	5.27%	0.336%
6	4.966	303	308	314	rVB	93453	140604	2.86%	0.183%
7	5.401	377	382	393	rBV	85226	168816	3.44%	0.220%
8	5.707	429	434	439	rVV4	49621	92527	1.88%	0.120%
9	5.771	441	445	448	rVV3	45680	70284	1.43%	0.091%
10	6.018	481	487	492	rBV5	35488	90035	1.83%	0.117%
11	6.142	501	508	513	rBV4	50871	86658	1.77%	0.113%
12	6.236	518	524	531	rBV5	33792	74733	1.52%	0.097%
13	6.389	545	550	554	rVV3	44822	69109	1.41%	0.090%
14	6.736	598	609	614	rBV7	53230	127197	2.59%	0.165%
15	6.912	630	639	647	rBV	1117028	1972986	40.19%	2.566%
16	7.077	661	667	674	rVV	1128821	1745753	35.56%	2.270%
17	7.277	694	701	708	rVV	1272843	2024786	41.24%	2.633%
18	7.742	770	780	787	rVV	2108894	3357654	68.39%	4.366%
19	7.807	787	791	795	rVB2	40341	65458	1.33%	0.085%
20	8.265	860	869	876	rBV7	26433	81995	1.67%	0.107%
21	8.389	883	890	894	rVV6	45201	102106	2.08%	0.133%
22	8.448	894	900	907	rVV	854266	1356945	27.64%	1.765%
23	8.565	916	920	925	rVV3	58425	108469	2.21%	0.141%
24	8.630	926	931	937	rVB	53789	99164	2.02%	0.129%
25	8.901	969	977	984	rVV	1173809	1965614	40.04%	2.556%
26	8.965	984	988	994	rVV	102404	160570	3.27%	0.209%
27	9.312	1042	1047	1053	rVB2	45114	73657	1.50%	0.096%
28	9.618	1090	1099	1105	rBV	817583	1346895	27.44%	1.751%
29	9.965	1149	1158	1162	rBV3	35122	78154	1.59%	0.102%
30	10.159	1185	1191	1198	rVB	1265018	2078711	42.34%	2.703%
31	10.536	1245	1255	1261	rBV	2475669	4280377	87.19%	5.566%
32	10.583	1261	1263	1269	rVV	80000	116307	2.37%	0.151%
33	10.671	1269	1278	1290	rVV	939846	1761826	35.89%	2.291%
34	11.453	1402	1411	1418	rVV6	47076	119312	2.43%	0.155%

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35	11.565	1425	1430	1435	rBV	94014	148903	3.03%	0.194%
36	11.642	1436	1443	1451	rVB	25061	74522	1.52%	0.097%
37	11.965	1493	1498	1504	rVV2	99270	144777	2.95%	0.188%
38	12.206	1533	1539	1544	rVB2	85453	143275	2.92%	0.186%
39	12.424	1570	1576	1581	rBV2	58303	95998	1.96%	0.125%
40	12.500	1584	1589	1596	rVB	61960	102396	2.09%	0.133%
41	13.224	1706	1712	1719	rVB2	114323	172911	3.52%	0.225%
42	13.289	1719	1723	1728	rBV2	52960	92423	1.88%	0.120%
43	13.447	1742	1750	1757	rVB5	28688	75489	1.54%	0.098%
44	13.571	1764	1771	1780	rVB3	49024	128713	2.62%	0.167%
45	13.671	1783	1788	1791	rBV2	78700	115196	2.35%	0.150%
46	13.718	1791	1796	1801	rVV2	180789	323382	6.59%	0.421%
47	13.771	1801	1805	1807	rVV	113490	179871	3.66%	0.234%
48	13.806	1807	1811	1816	rVV	2122694	2985065	60.80%	3.882%
49	13.853	1816	1819	1828	rVV	819818	1130026	23.02%	1.469%
50	13.953	1833	1836	1841	rVV2	58448	95872	1.95%	0.125%
51	14.094	1853	1860	1873	rVB	2211285	3465401	70.59%	4.506%
52	14.300	1891	1895	1901	rVB	94821	127793	2.60%	0.166%
53	14.400	1901	1912	1919	rBV2	2797326	4509365	91.85%	5.864%
54	14.489	1924	1927	1931	rVB3	57815	76136	1.55%	0.099%
55	14.606	1941	1947	1956	rBV	554101	891300	18.16%	1.159%
56	14.759	1968	1973	1976	rBV5	66252	100888	2.06%	0.131%
57	14.806	1976	1981	1987	rVV2	146078	264771	5.39%	0.344%
58	14.877	1988	1993	1998	rVB	107469	158431	3.23%	0.206%
59	15.024	2013	2018	2023	rBV3	72563	130201	2.65%	0.169%
60	15.077	2023	2027	2031	rVB	99202	136238	2.78%	0.177%
61	15.194	2042	2047	2050	rBV4	67447	110995	2.26%	0.144%
62	15.259	2055	2058	2062	rVB	67009	82901	1.69%	0.108%
63	15.336	2067	2071	2075	rVV2	76229	109876	2.24%	0.143%
64	15.400	2075	2082	2088	rVV	2800270	4052724	82.55%	5.270%
65	15.489	2094	2097	2101	rVV2	57124	82375	1.68%	0.107%
66	15.536	2101	2105	2108	rVV	60886	80138	1.63%	0.104%
67	15.583	2108	2113	2117	rVB6	42294	71279	1.45%	0.093%
68	15.747	2135	2141	2151	rVB5	81061	157811	3.21%	0.205%
69	15.988	2178	2182	2188	rVB2	59671	110084	2.24%	0.143%
70	16.124	2201	2205	2212	rBV3	98318	209913	4.28%	0.273%
71	16.230	2219	2223	2226	rBV	77671	96217	1.96%	0.125%

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72	16.341	2238	2242	2247	rVB2	42512	64980	1.32%	0.084%
73	16.465	2256	2263	2267	rBV4	80074	184037	3.75%	0.239%
74	16.512	2267	2271	2277	rVB	156486	212846	4.34%	0.277%
75	16.700	2299	2303	2306	rBV3	67174	109428	2.23%	0.142%
76	16.812	2318	2322	2329	rBV4	147795	293130	5.97%	0.381%
77	16.977	2347	2350	2357	rVB4	72728	124962	2.55%	0.162%
78	17.159	2375	2381	2385	rBV2	3310587	4730476	96.36%	6.151%
79	17.200	2385	2388	2392	rVB	571417	716204	14.59%	0.931%
80	17.259	2392	2398	2403	rBV	2569892	3582504	72.97%	4.659%
81	17.353	2409	2414	2419	rBV2	145065	286239	5.83%	0.372%
82	17.406	2419	2423	2426	rBV3	171360	270799	5.52%	0.352%
83	17.477	2432	2435	2440	rVB3	179632	243906	4.97%	0.317%
84	17.741	2477	2480	2484	rVB2	198369	248670	5.07%	0.323%
85	17.847	2494	2498	2501	rBV	92369	126642	2.58%	0.165%
86	18.041	2526	2531	2535	rBV2	468007	998385	20.34%	1.298%
87	18.088	2535	2539	2544	rVB	697033	1068556	21.77%	1.389%
88	18.224	2559	2562	2567	rVV2	301004	434077	8.84%	0.564%
89	18.271	2567	2570	2576	rVB	199874	263745	5.37%	0.343%
90	18.359	2582	2585	2587	rBV2	81083	102784	2.09%	0.134%
91	18.394	2587	2591	2595	rVV4	234515	353416	7.20%	0.460%
92	18.435	2595	2598	2603	rVB2	134260	198176	4.04%	0.258%
93	18.541	2612	2616	2621	rBV2	286841	464570	9.46%	0.604%
94	18.794	2656	2659	2662	rVB	149886	163102	3.32%	0.212%
95	18.847	2664	2668	2671	rBV	209514	268547	5.47%	0.349%
96	18.965	2684	2688	2692	rBV	443004	677943	13.81%	0.882%
97	19.229	2729	2733	2738	rBV	877996	1134870	23.12%	1.476%
98	19.571	2786	2791	2795	rBV	2941421	4482520	91.31%	5.829%
99	21.388	3095	3100	3104	rBV	3349173	4909336	100.00%	6.384%
100	23.694	3488	3492	3499	rVB	2474543	4385176	89.32%	5.702%

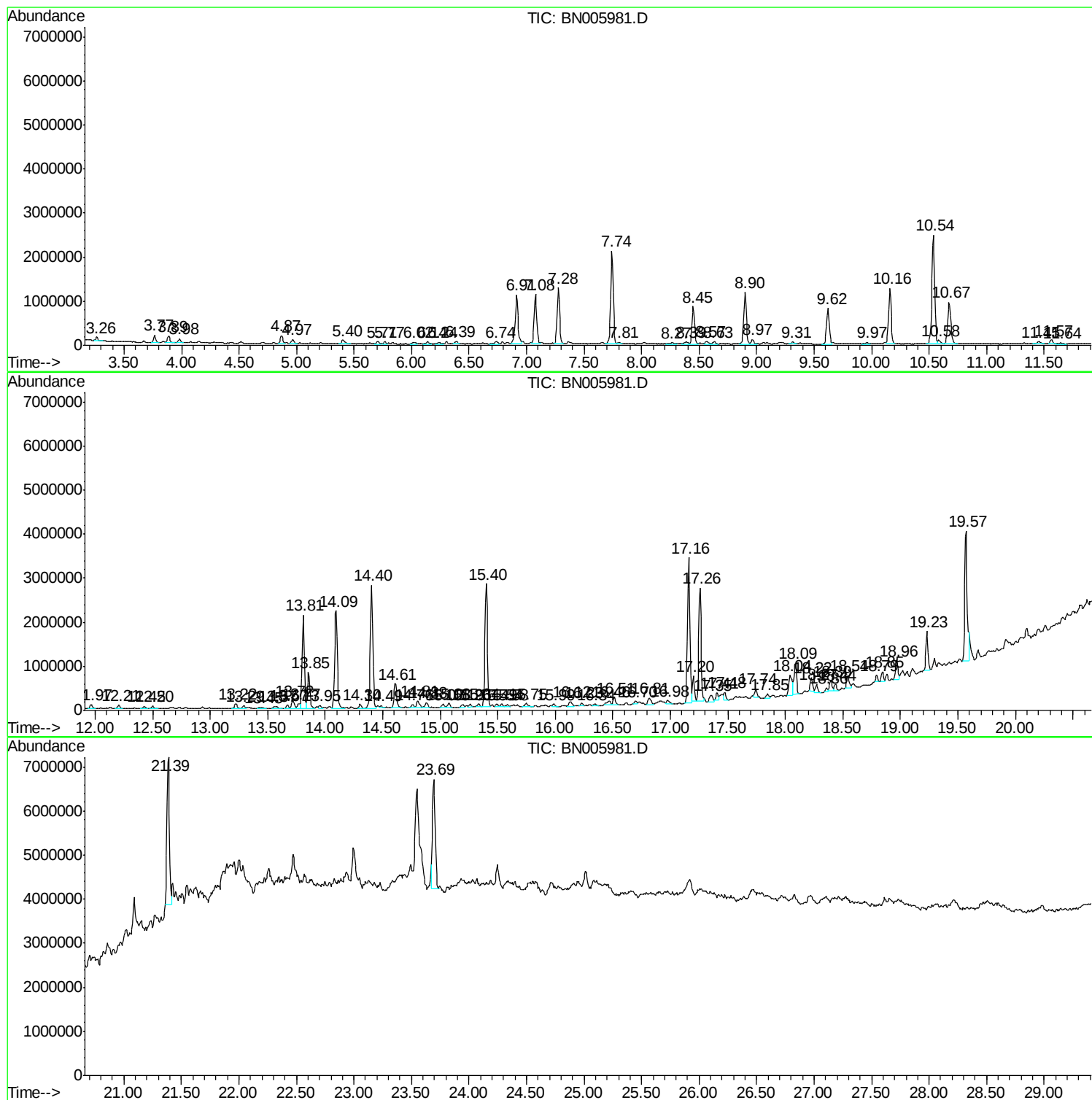
Sum of corrected areas: 76902238

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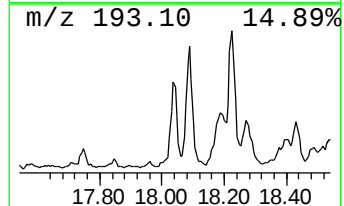
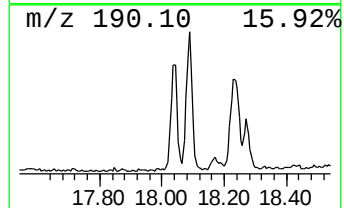
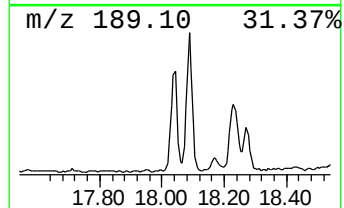
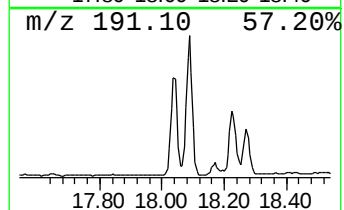
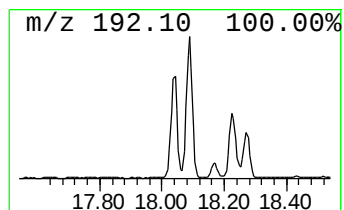
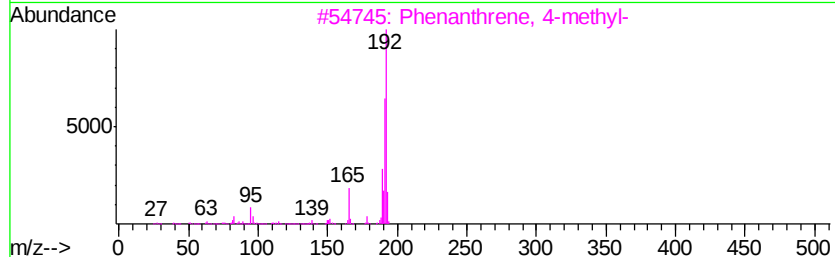
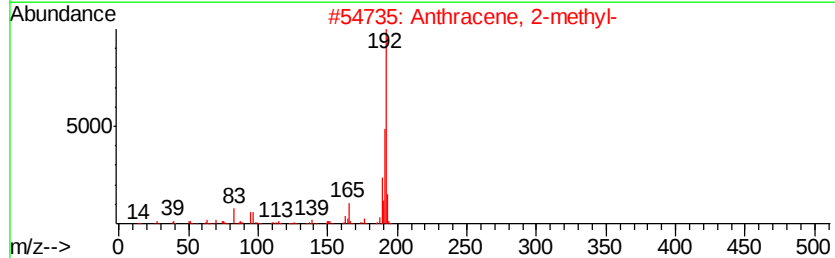
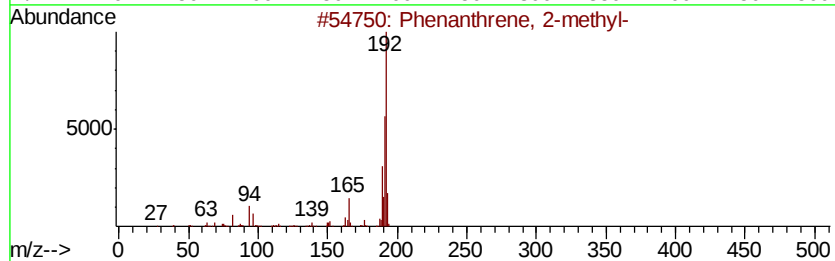
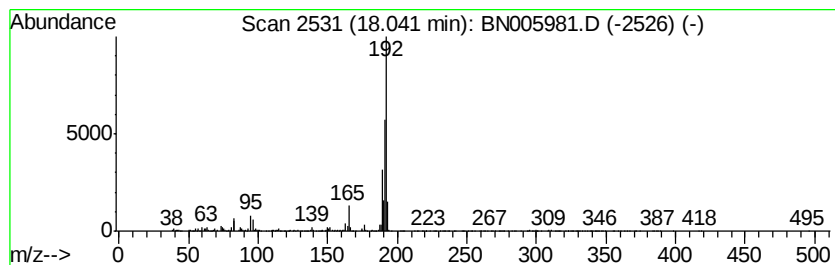
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.22 ng/ul	998385	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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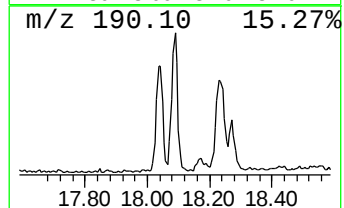
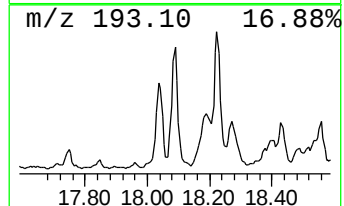
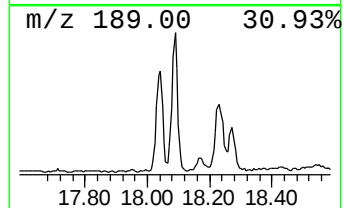
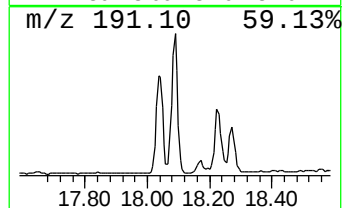
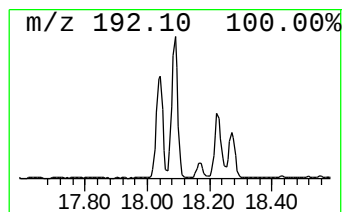
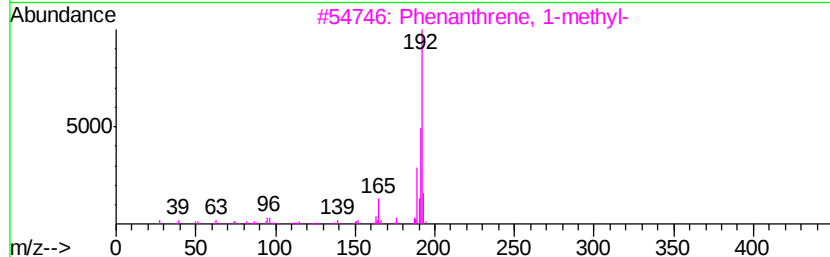
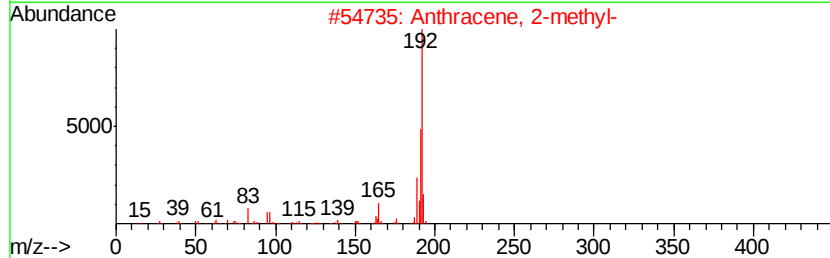
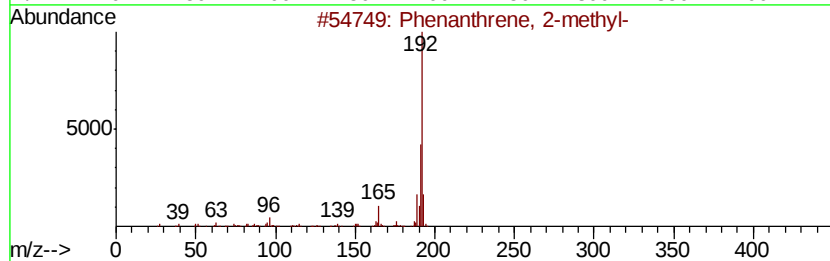
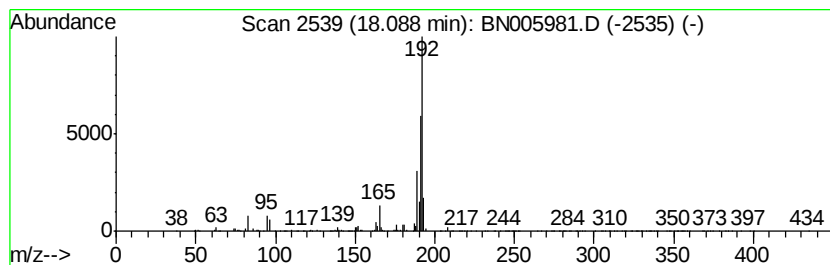
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.52 ng/ul	1068560	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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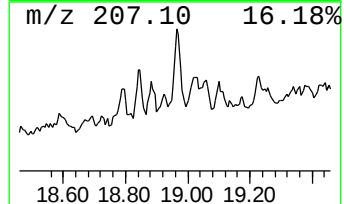
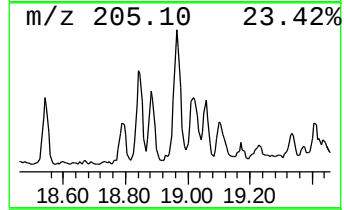
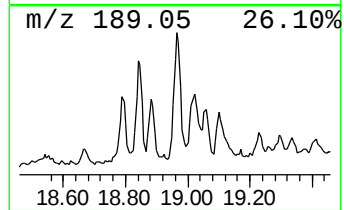
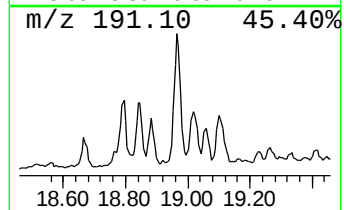
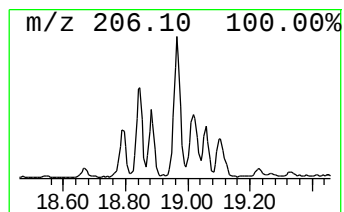
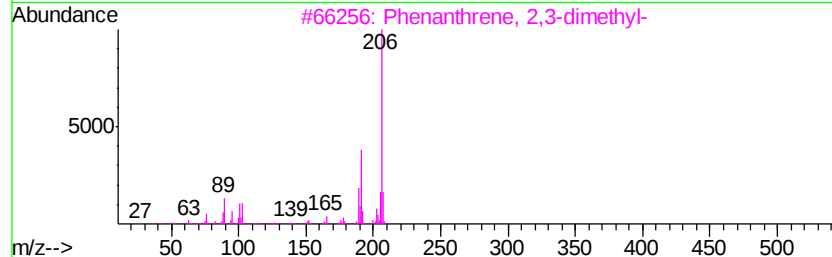
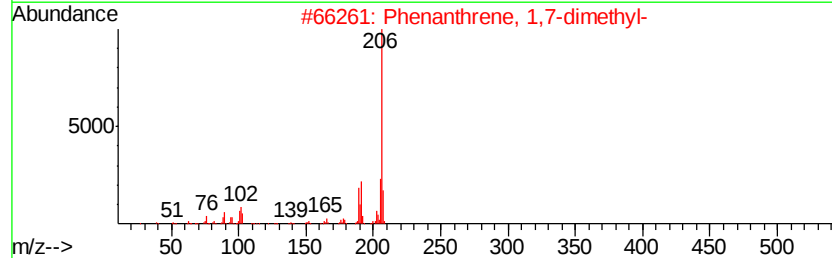
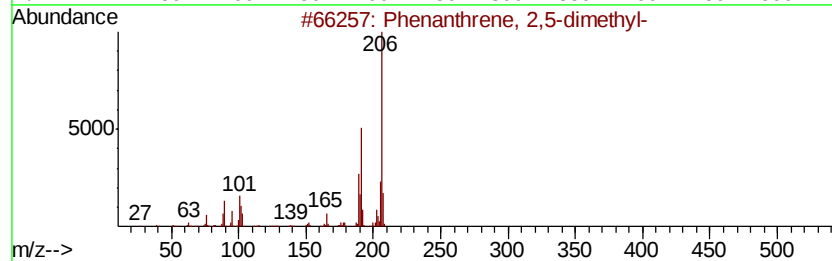
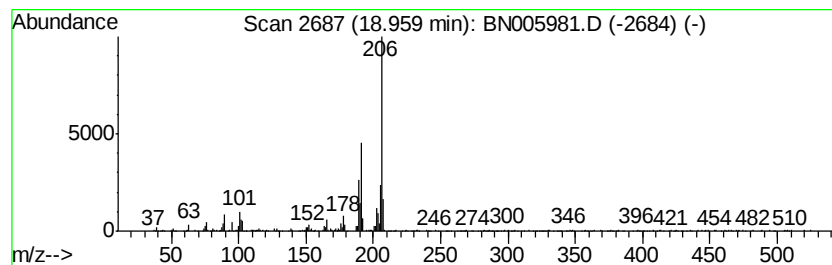
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.87 ng/ul	677943	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005981.D
Acq On : 31 May 2019 14:26
Operator : JU/SJ
Sample : K2928-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C3

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...	18.04	4.2	ng/ul	998385	4	17.16	4730480	20.0
Anthracene, 2-met...	18.09	4.5	ng/ul	1068560	4	17.16	4730480	20.0
Phenanthrene, 2,5...	18.96	2.9	ng/ul	677943	4	17.16	4730480	20.0