

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002398.D
 Acq On : 18 Aug 2018 02:46
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN081318MA.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	6.851	651	657	672	rBV	448494	824421	18.18%	1.603%
2	7.016	680	685	694	rBV	380512	590487	13.02%	1.148%
3	7.210	712	718	728	rVB	459051	757370	16.70%	1.473%
4	7.675	791	797	806	rVB	625780	1015160	22.39%	1.974%
5	8.375	910	916	928	rBV	518251	892376	19.68%	1.735%
6	8.822	985	992	1004	rBV	504236	856039	18.88%	1.665%
7	9.539	1107	1114	1131	rVB	407554	705720	15.57%	1.372%
8	10.075	1199	1205	1221	rBV	576245	1023973	22.59%	1.991%
9	10.445	1261	1268	1280	rBV	1013940	1699481	37.48%	3.305%
10	10.586	1285	1292	1313	rBV	555482	1006648	22.20%	1.958%
11	13.716	1818	1824	1829	rBV	1245097	1803984	39.79%	3.508%
12	13.769	1829	1833	1841	rVB	373653	531894	11.73%	1.034%
13	13.998	1865	1872	1882	rBV	1450145	2164095	47.73%	4.209%
14	14.310	1918	1925	1934	rBV2	1589576	2481481	54.73%	4.826%
15	14.522	1955	1961	1976	rBV	340719	641471	14.15%	1.248%
16	15.304	2087	2094	2101	rBV	1854407	2655453	58.57%	5.164%
17	15.433	2111	2116	2130	rBV	470552	697377	15.38%	1.356%
18	17.057	2385	2392	2396	rBV	2124077	3067898	67.67%	5.966%
19	17.098	2396	2399	2403	rVV	116753	156843	3.46%	0.305%
20	17.151	2403	2408	2421	rVB	1968065	2875239	63.42%	5.592%
21	17.639	2484	2491	2495	rBV	49493	69083	1.52%	0.134%
22	17.786	2511	2516	2521	rVB	34967	62040	1.37%	0.121%
23	17.927	2535	2540	2543	rBV	141445	207322	4.57%	0.403%
24	17.980	2543	2549	2555	rVB	192018	352087	7.77%	0.685%
25	18.115	2567	2572	2577	rBV2	127148	209987	4.63%	0.408%
26	18.163	2577	2580	2587	rVB	85889	122561	2.70%	0.238%
27	18.333	2606	2609	2614	rVB	35251	46794	1.03%	0.091%
28	18.427	2621	2625	2629	rBV3	31920	49705	1.10%	0.097%
29	18.486	2629	2635	2644	rVB2	49155	109687	2.42%	0.213%
30	18.680	2664	2668	2672	rVV	63027	92561	2.04%	0.180%
31	18.733	2672	2677	2681	rVV	127486	174508	3.85%	0.339%
32	18.774	2681	2684	2688	rVB	85396	105180	2.32%	0.205%
33	18.857	2692	2698	2702	rBV	213768	327999	7.23%	0.638%
34	18.910	2702	2707	2711	rVV4	93005	181755	4.01%	0.353%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : SVOA CALIBRATION

35	18.945	2711	2713	2717	rVB	67076	75875	1.67%	0.148%
36	18.992	2717	2721	2728	rBV3	74548	152635	3.37%	0.297%
37	19.115	2738	2742	2749	rVB	352171	477479	10.53%	0.929%
38	19.186	2749	2754	2757	rBV3	40977	60151	1.33%	0.117%
39	19.268	2765	2768	2772	rVB2	36897	46911	1.03%	0.091%
40	19.362	2781	2784	2787	rVB2	44012	52489	1.16%	0.102%
41	19.451	2793	2799	2814	rVV2	2680684	4510142	99.48%	8.771%
42	19.562	2814	2818	2823	rVB2	121401	176397	3.89%	0.343%
43	19.645	2828	2832	2836	rVV3	34571	63631	1.40%	0.124%
44	19.721	2842	2845	2852	rVB4	41402	71290	1.57%	0.139%
45	19.810	2855	2860	2871	rBV5	85693	228044	5.03%	0.443%
46	19.951	2879	2884	2886	rBV4	65680	112172	2.47%	0.218%
47	19.980	2886	2889	2893	rVB2	85336	116578	2.57%	0.227%
48	20.139	2911	2916	2922	rVB	142899	193431	4.27%	0.376%
49	20.280	2936	2940	2943	rBV	107273	131122	2.89%	0.255%
50	20.327	2944	2948	2953	rVV2	98668	157510	3.47%	0.306%
51	20.451	2963	2969	2973	rBV3	40355	64270	1.42%	0.125%
52	20.733	3014	3017	3022	rVB	63332	97491	2.15%	0.190%
53	20.821	3024	3032	3037	rBV2	46167	89710	1.98%	0.174%
54	20.898	3037	3045	3049	rBV3	107809	217359	4.79%	0.423%
55	20.974	3055	3058	3062	rBV3	91614	130547	2.88%	0.254%
56	21.251	3098	3105	3109	rBV	3031232	4118911	90.85%	8.010%
57	21.286	3109	3111	3120	rVB	227246	286794	6.33%	0.558%
58	21.368	3122	3125	3129	rBV3	41959	51465	1.14%	0.100%
59	21.415	3129	3133	3137	rBV2	82682	113640	2.51%	0.221%
60	21.462	3138	3141	3143	rBV	42155	54240	1.20%	0.105%
61	21.804	3192	3199	3203	rBV	104517	181938	4.01%	0.354%
62	21.851	3203	3207	3211	rVB2	143048	188169	4.15%	0.366%
63	22.303	3280	3284	3294	rVB2	182867	286639	6.32%	0.557%
64	22.803	3365	3369	3377	rBV2	297535	538271	11.87%	1.047%
65	23.280	3446	3450	3452	rBV2	94108	138794	3.06%	0.270%
66	23.333	3452	3459	3473	rVB2	2041117	4533819	100.00%	8.817%
67	23.474	3475	3483	3500	rVB2	2001679	3950926	87.14%	7.684%
68	23.998	3566	3572	3581	rVB	245812	488164	10.77%	0.949%
69	24.727	3690	3696	3708	rVB	193849	439022	9.68%	0.854%
70	25.580	3835	3841	3849	rVB3	106103	265413	5.85%	0.516%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

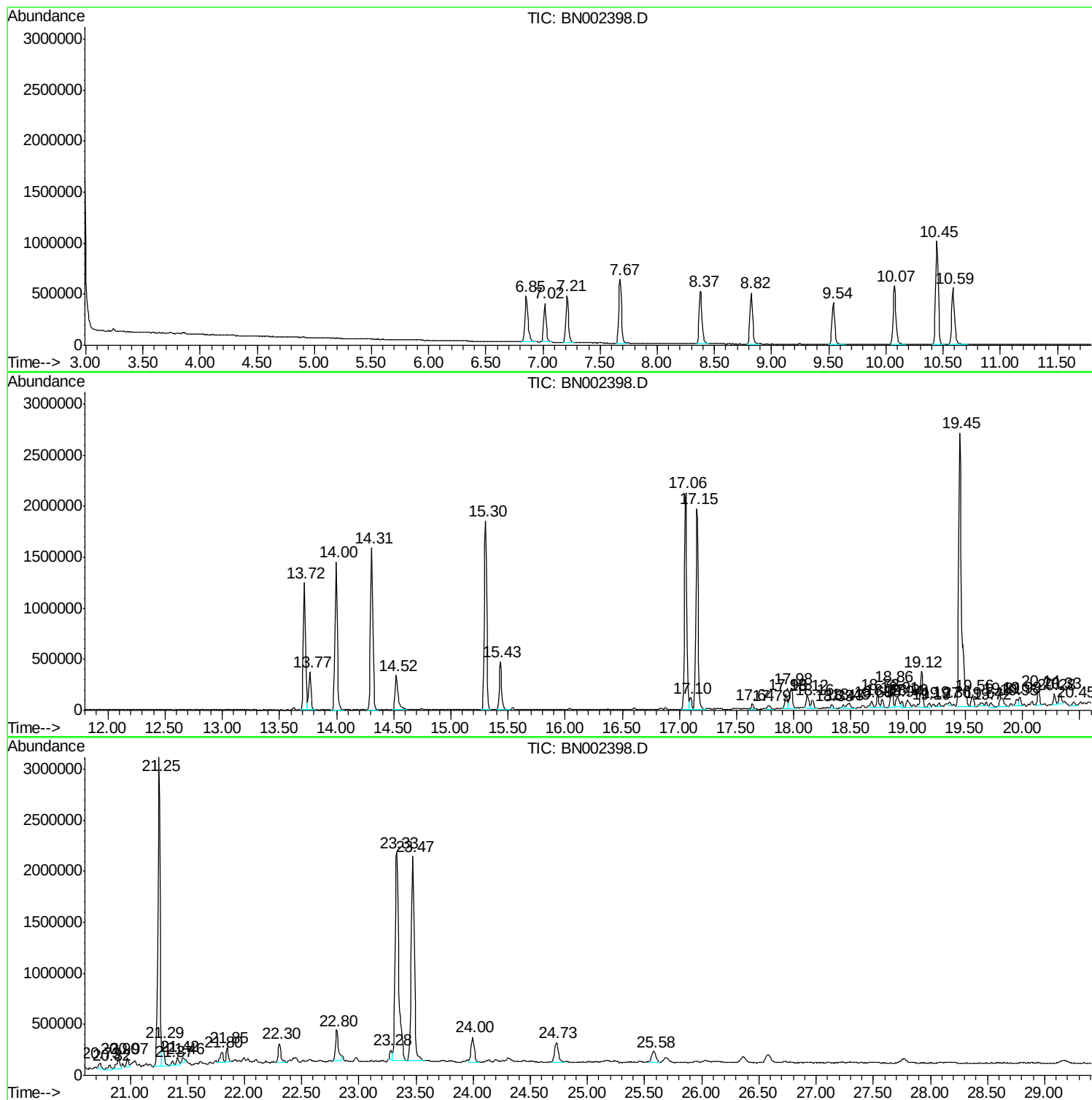
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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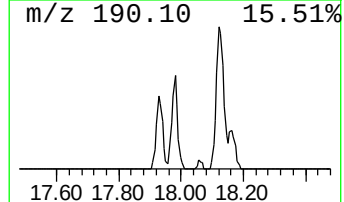
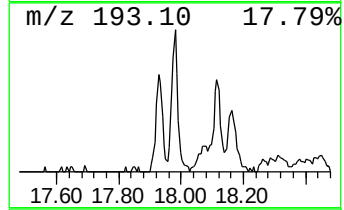
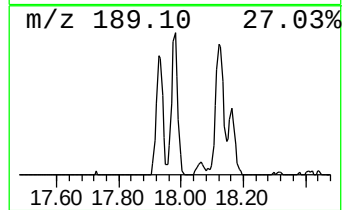
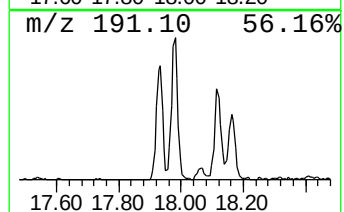
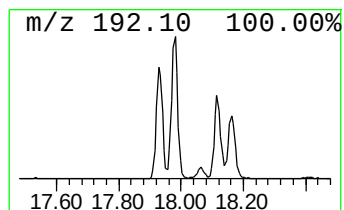
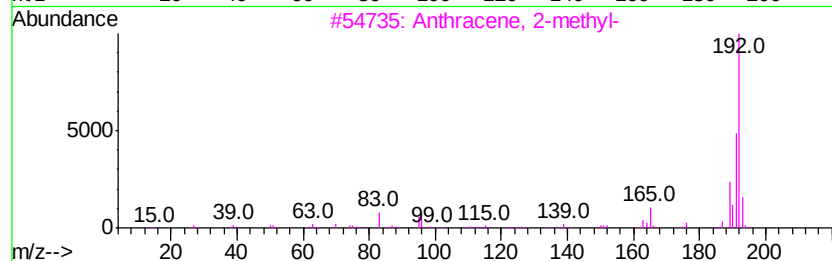
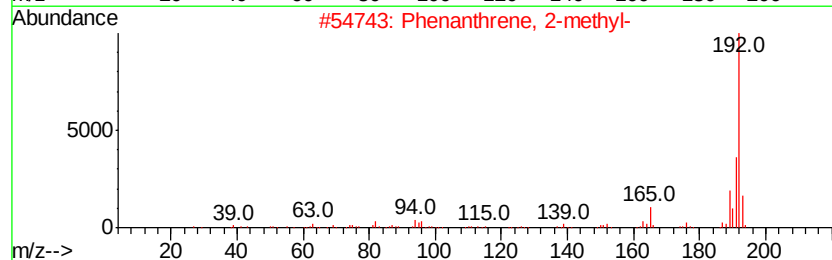
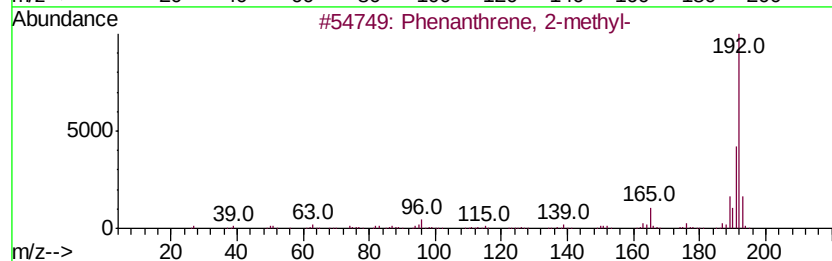
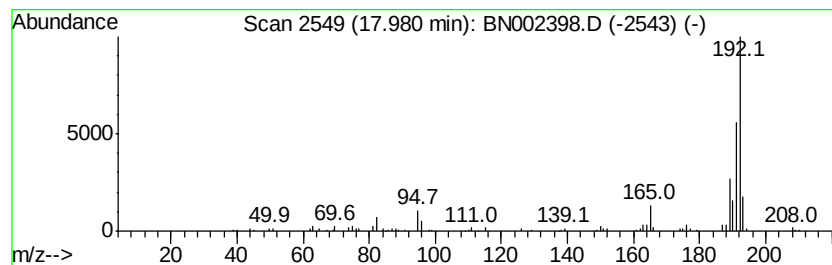
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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.	
17.98	2.30 ng/ul	352087	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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ALS Vial : 30 Sample Multiplier: 1

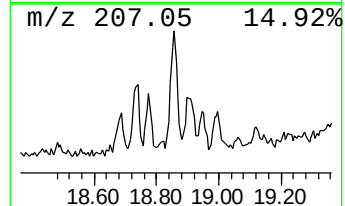
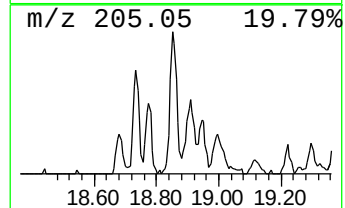
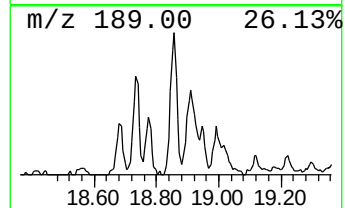
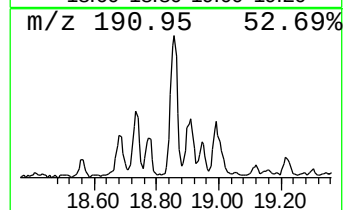
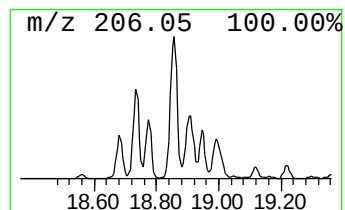
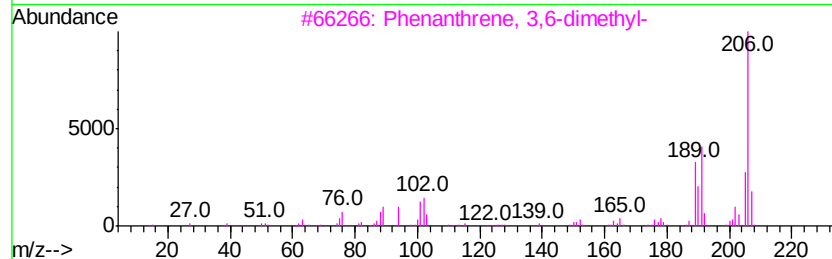
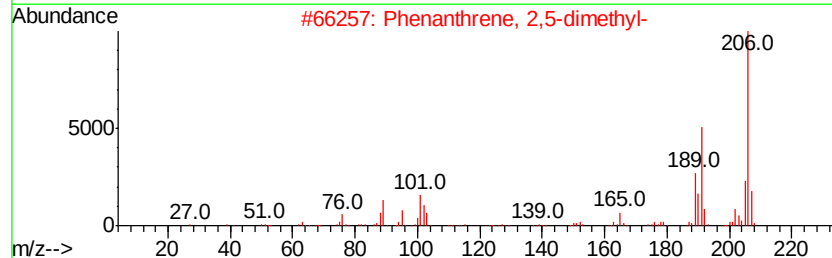
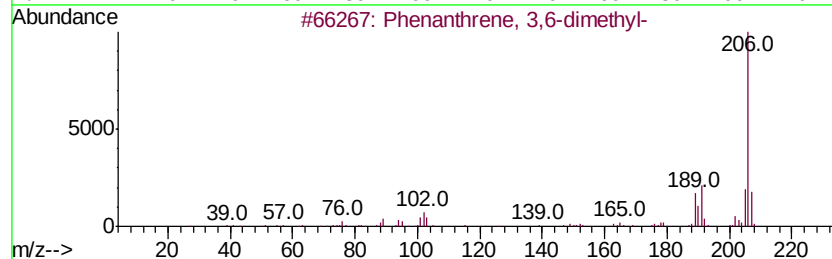
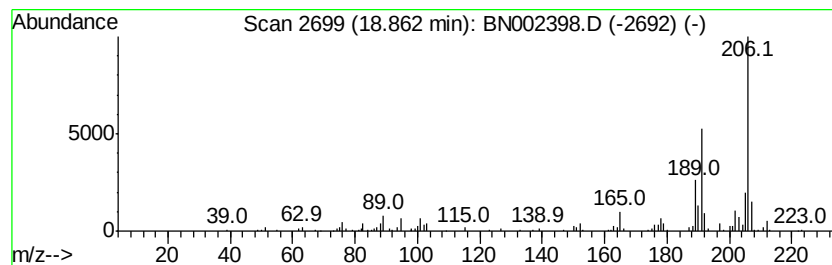
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.86	2.14 ng/ul	327999	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	90



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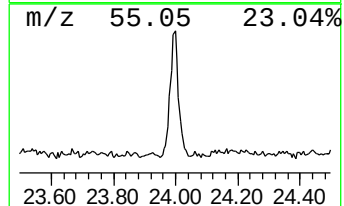
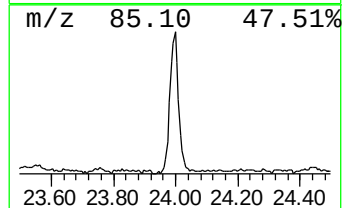
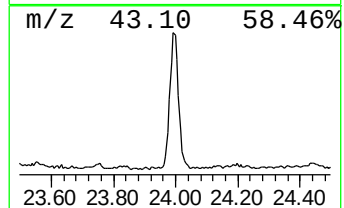
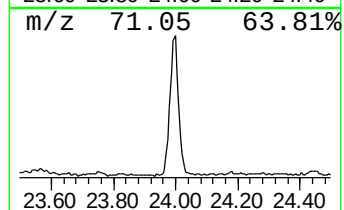
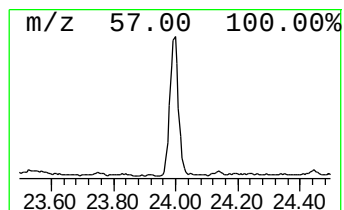
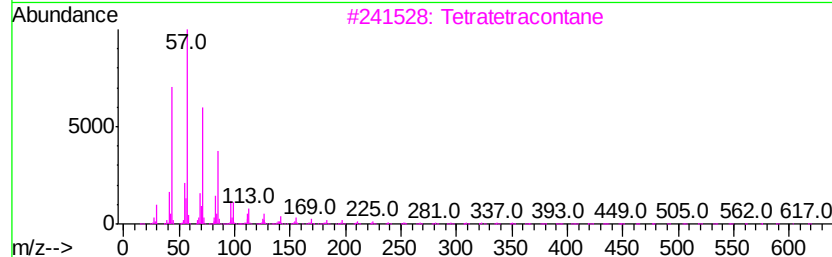
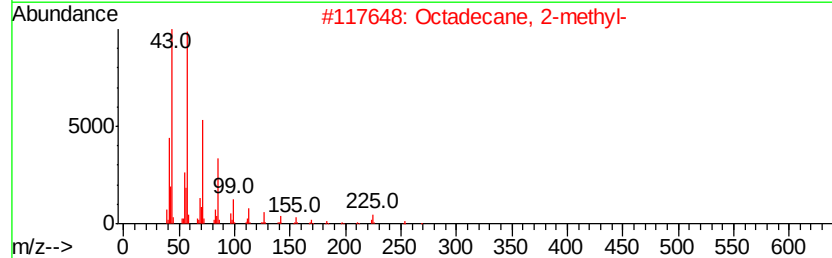
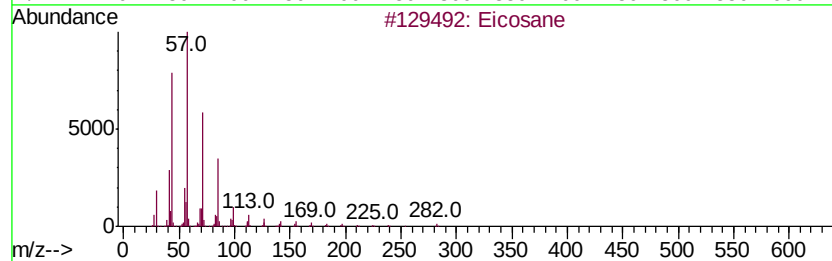
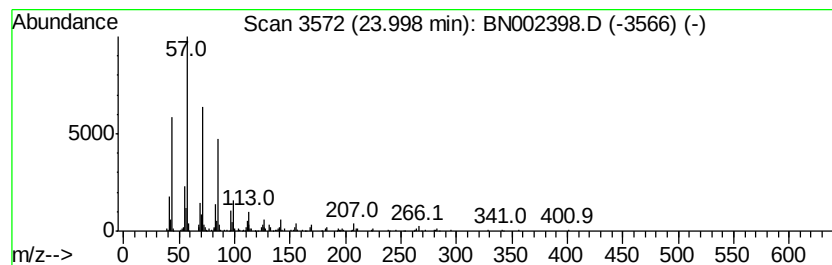
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.47 ng/ul	488164	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



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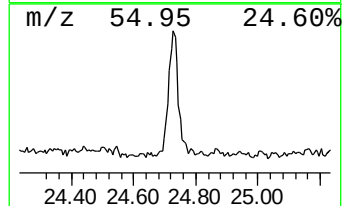
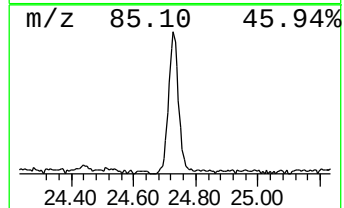
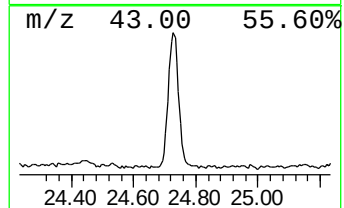
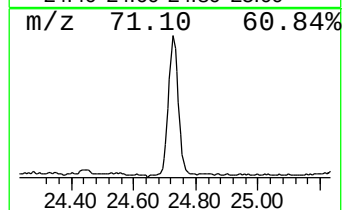
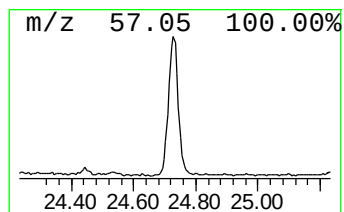
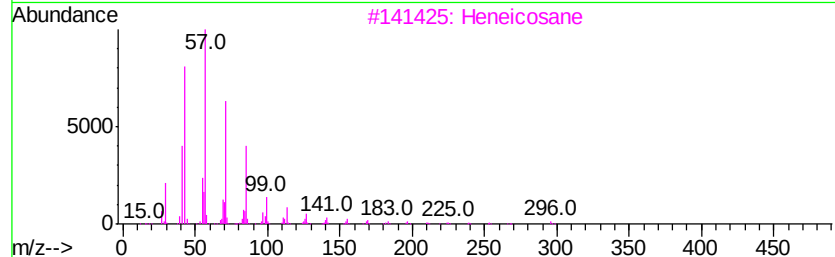
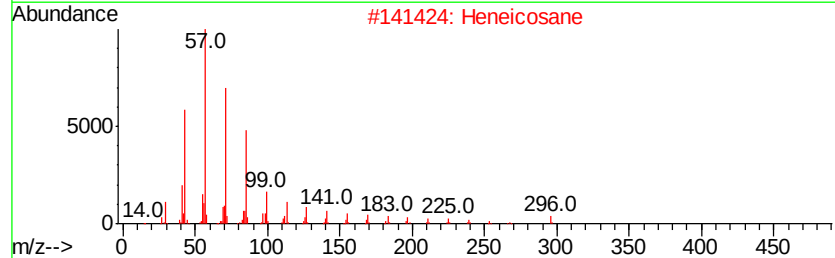
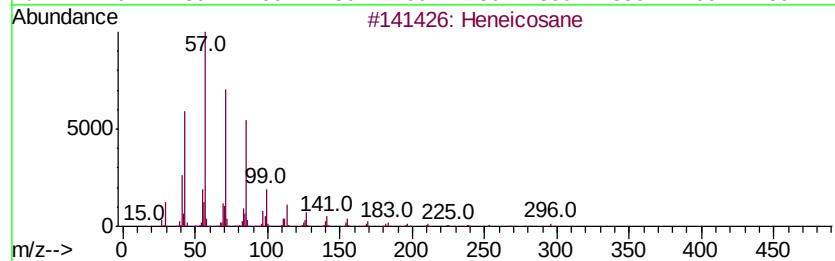
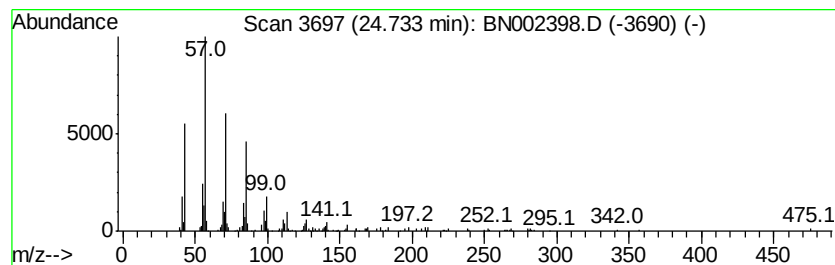
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.22 ng/ul	439022	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heneicosane	296	C21H44	000629-94-7	97
3		Heneicosane	296	C21H44	000629-94-7	93
4		Hexacosane	366	C26H54	000630-01-3	93
5		Tetracosane	338	C24H50	000646-31-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002398.D
Acq On : 18 Aug 2018 02:46
Operator : JU/SJ
Sample : J4421-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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...	17.98	2.3	ng/ul	352087	4	17.06	3067900	20.0
Phenanthrene, 3,6...	18.86	2.1	ng/ul	327999	4	17.06	3067900	20.0
(DEL) Alkane: Str...	24.00	2.5	ng/ul	488164	6	23.47	3950930	20.0
(DEL) Alkane: Str...	24.73	2.2	ng/ul	439022	6	23.47	3950930	20.0