

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002250.D
 Acq On : 08 Aug 2018 14:11
 Operator : JU/SJ
 Sample : J4268-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

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-BN071318MA.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	3.252	42	45	54	rVB2	34583	51408	1.43%	0.090%
2	3.869	147	150	157	rVB2	27451	41074	1.14%	0.072%
3	6.863	652	659	674	rBV	538444	948495	26.32%	1.659%
4	7.028	679	687	694	rBV	474153	733806	20.37%	1.283%
5	7.222	714	720	728	rBV	586340	932846	25.89%	1.631%
6	7.687	789	799	810	rBV	905353	1427230	39.61%	2.496%
7	8.393	912	919	927	rBV	588116	1013573	28.13%	1.772%
8	8.834	987	994	1002	rBV	565323	929875	25.81%	1.626%
9	9.552	1109	1116	1127	rBV	448021	744373	20.66%	1.302%
10	10.087	1201	1207	1218	rBV	634116	1099256	30.51%	1.922%
11	10.457	1263	1270	1276	rBV	1215921	2031024	56.37%	3.551%
12	10.510	1276	1279	1286	rVB	96471	145492	4.04%	0.254%
13	10.599	1286	1294	1310	rBV	510913	922324	25.60%	1.613%
14	12.128	1546	1554	1560	rBV	26729	45620	1.27%	0.080%
15	13.728	1820	1826	1830	rBV	1032269	1409586	39.12%	2.465%
16	13.775	1830	1834	1845	rVB	752644	1049557	29.13%	1.835%
17	14.010	1867	1874	1887	rBV	1247797	1940654	53.86%	3.393%
18	14.316	1919	1926	1934	rBV2	1428463	2257737	62.66%	3.948%
19	14.534	1958	1963	1971	rBV	193875	383999	10.66%	0.671%
20	14.598	1971	1974	1984	rVB2	37371	68032	1.89%	0.119%
21	14.722	1990	1995	1998	rBV	35745	50372	1.40%	0.088%
22	15.145	2059	2067	2071	rBV2	48247	78327	2.17%	0.137%
23	15.316	2089	2096	2101	rBV	1393882	2066290	57.35%	3.613%
24	15.369	2101	2105	2112	rVB	49432	73648	2.04%	0.129%
25	15.439	2112	2117	2124	rBV	287160	423061	11.74%	0.740%
26	15.810	2171	2180	2188	rVB3	16921	38304	1.06%	0.067%
27	16.045	2210	2220	2223	rBV7	46481	100613	2.79%	0.176%
28	16.722	2331	2335	2341	rBV2	27562	40573	1.13%	0.071%
29	16.839	2350	2355	2359	rBV3	40620	59318	1.65%	0.104%
30	16.886	2359	2363	2369	rVB3	44038	66694	1.85%	0.117%
31	16.975	2374	2378	2385	rBV4	35972	60920	1.69%	0.107%
32	17.069	2385	2394	2397	rBV	1521328	2259403	62.71%	3.951%
33	17.104	2397	2400	2405	rVV	688450	965022	26.78%	1.687%
34	17.163	2405	2410	2415	rVV	1427037	2064845	57.31%	3.611%

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35	17.198	2415	2416	2422	rVB	148398	127221	3.53%	0.222%
36	17.475	2453	2463	2466	rBV	66878	120049	3.33%	0.210%
37	17.581	2476	2481	2489	rVB2	55221	90194	2.50%	0.158%
38	17.851	2521	2527	2532	rBV7	26088	56703	1.57%	0.099%
39	17.904	2532	2536	2540	rVV5	57760	122946	3.41%	0.215%
40	17.939	2540	2542	2544	rVV2	69671	86425	2.40%	0.151%
41	17.975	2544	2548	2558	rVV2	392493	755594	20.97%	1.321%
42	18.069	2561	2564	2568	rVV3	33283	58665	1.63%	0.103%
43	18.133	2570	2575	2580	rVV2	125451	235657	6.54%	0.412%
44	18.175	2580	2582	2586	rVB	39808	46484	1.29%	0.081%
45	18.269	2595	2598	2606	rBV3	48790	76487	2.12%	0.134%
46	18.445	2624	2628	2632	rBV	57767	83252	2.31%	0.146%
47	18.486	2632	2635	2641	rVB2	87601	124043	3.44%	0.217%
48	18.869	2695	2700	2703	rBV2	41474	74327	2.06%	0.130%
49	18.910	2703	2707	2713	rVB5	41518	85493	2.37%	0.149%
50	19.004	2719	2723	2731	rVB2	43080	73769	2.05%	0.129%
51	19.128	2736	2744	2752	rBV	1656008	2241817	62.22%	3.920%
52	19.257	2763	2766	2768	rBV2	69147	86761	2.41%	0.152%
53	19.463	2795	2801	2804	rBV	1709329	2586805	71.79%	4.523%
54	19.492	2804	2806	2815	rVV	1332507	1565562	43.45%	2.738%
55	19.563	2815	2818	2823	rVB2	45405	78304	2.17%	0.137%
56	19.675	2833	2837	2845	rBV	59499	100765	2.80%	0.176%
57	19.739	2845	2848	2855	rVB2	32139	47819	1.33%	0.084%
58	19.822	2857	2862	2863	rBV	62572	101885	2.83%	0.178%
59	19.957	2880	2885	2886	rBV4	53736	75287	2.09%	0.132%
60	19.992	2887	2891	2894	rVV	154305	212065	5.89%	0.371%
61	20.027	2894	2897	2900	rVB	31504	37455	1.04%	0.065%
62	20.092	2904	2908	2912	rBV	136594	166851	4.63%	0.292%
63	20.151	2914	2918	2922	rVB2	76895	119035	3.30%	0.208%
64	20.186	2922	2924	2929	rVB5	29647	37204	1.03%	0.065%
65	20.257	2933	2936	2939	rVV2	34752	43518	1.21%	0.076%
66	20.292	2939	2942	2946	rVV	38955	46251	1.28%	0.081%
67	20.451	2967	2969	2975	rVB6	41931	59089	1.64%	0.103%
68	20.745	3015	3019	3025	rVB	90211	147905	4.10%	0.259%
69	20.910	3042	3047	3050	rBV2	113056	176469	4.90%	0.309%
70	20.945	3050	3053	3057	rBV	81222	87856	2.44%	0.154%
71	20.992	3057	3061	3065	rBV3	175980	332800	9.24%	0.582%

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72	21.186	3092	3094	3097	rBV	63394	60128	1.67%	0.105%
73	21.263	3100	3107	3111	rVV2	2058009	3603092	100.00%	6.300%
74	21.298	3111	3113	3123	rVB	794775	951449	26.41%	1.664%
75	21.422	3130	3134	3138	rBV2	148496	235236	6.53%	0.411%
76	21.574	3157	3160	3165	rVB3	86044	131349	3.65%	0.230%
77	21.863	3205	3209	3214	rBV3	257307	331327	9.20%	0.579%
78	22.445	3305	3308	3316	rVB	210776	309341	8.59%	0.541%
79	22.545	3321	3325	3331	rBV2	265115	407451	11.31%	0.712%
80	22.827	3367	3373	3378	rBV	1469903	2903420	80.58%	5.077%
81	23.298	3448	3453	3457	rBV	435832	784446	21.77%	1.372%
82	23.351	3457	3462	3466	rVV2	1065086	2004883	55.64%	3.506%
83	23.392	3466	3469	3475	rVB	696825	1148072	31.86%	2.008%
84	23.492	3479	3486	3491	rBV	1140353	2208209	61.29%	3.861%
85	24.021	3570	3576	3585	rVB	1250330	2454489	68.12%	4.292%
86	25.615	3841	3847	3855	rVB	260440	619404	17.19%	1.083%
87	25.715	3856	3864	3874	rVB	384473	1101347	30.57%	1.926%
88	26.392	3972	3979	3991	rVB2	279916	842526	23.38%	1.473%

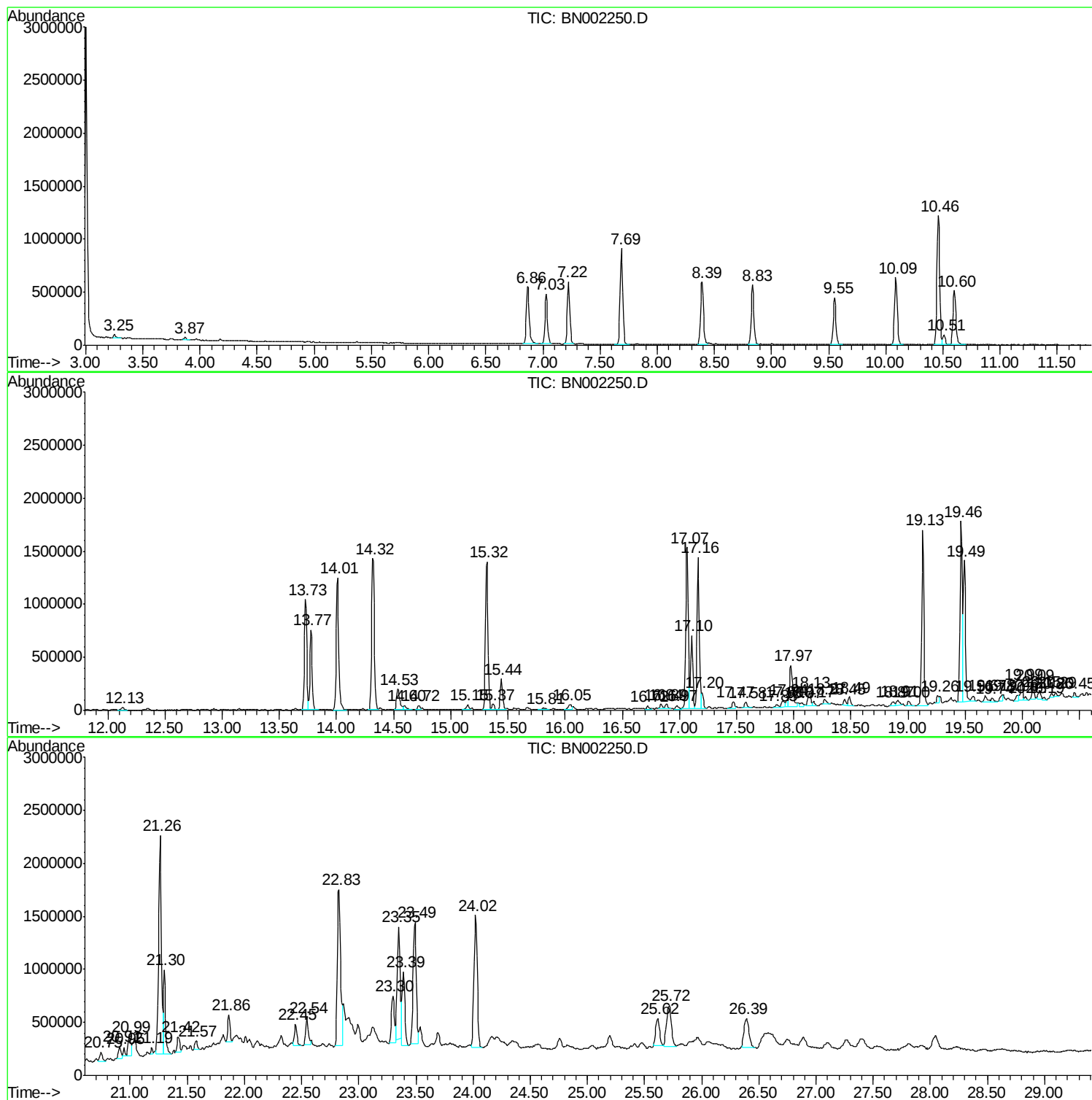
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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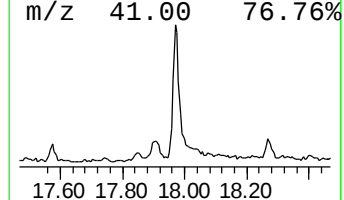
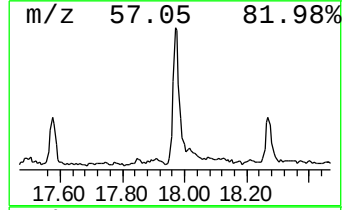
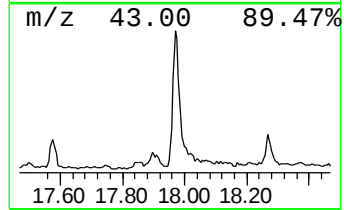
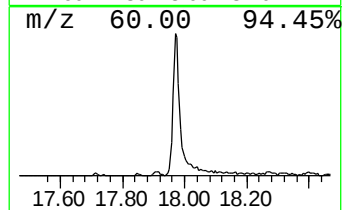
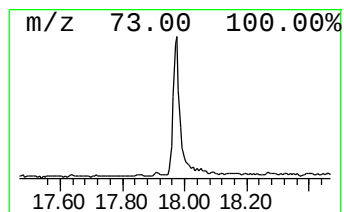
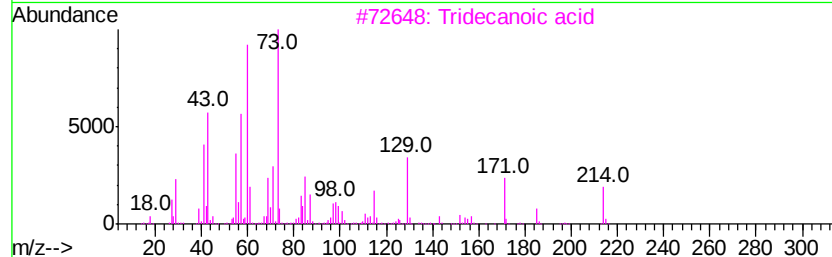
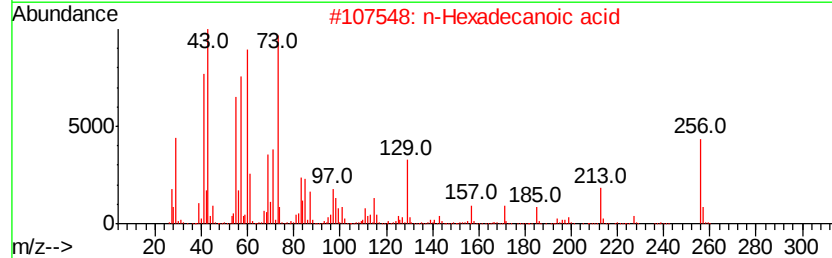
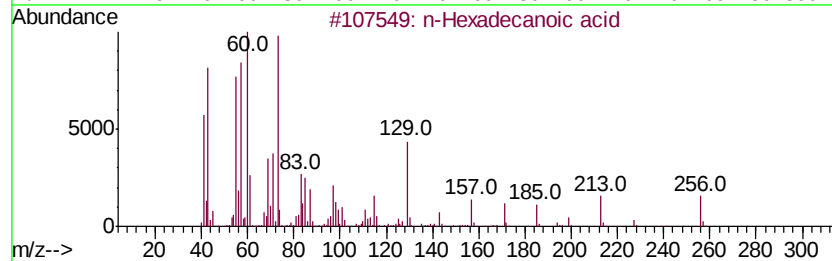
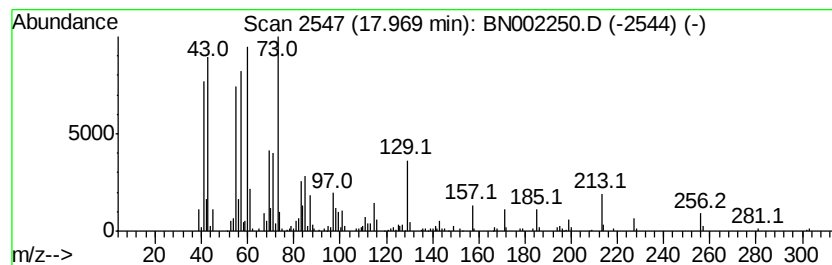
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.97	6.69 ng/ul	755594	Phenanthrene-d10	17.07		
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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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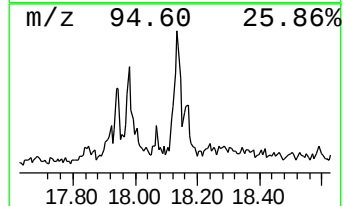
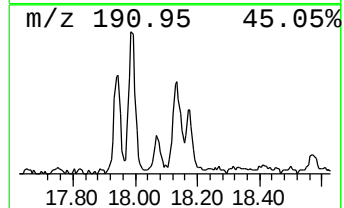
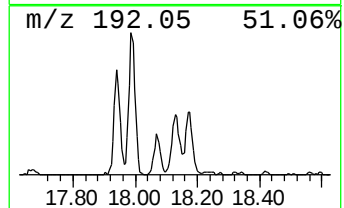
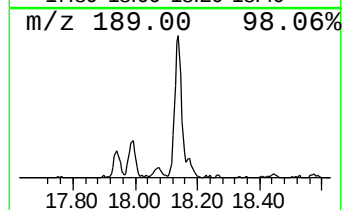
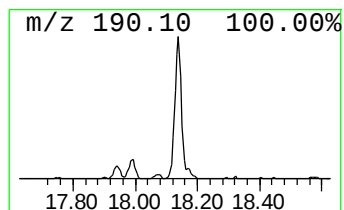
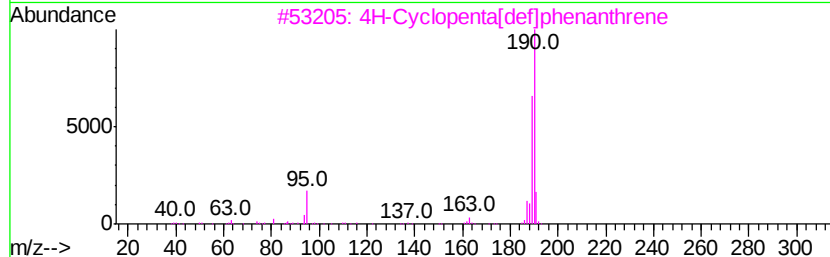
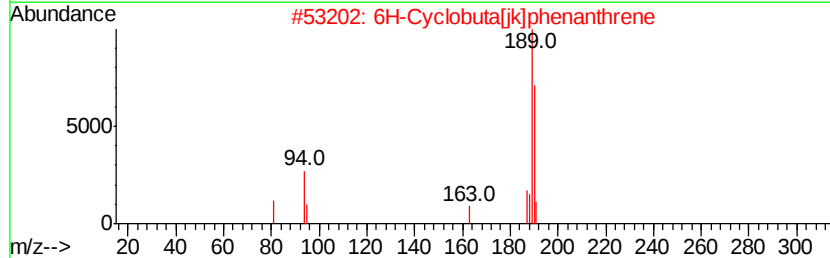
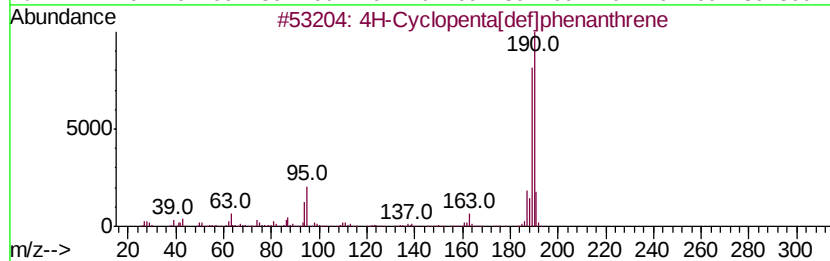
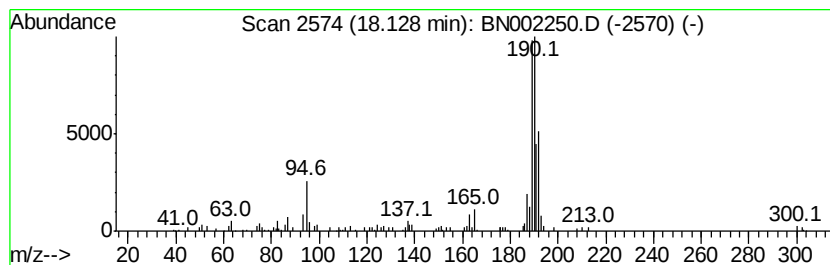
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.09 ng/ul	235657	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52



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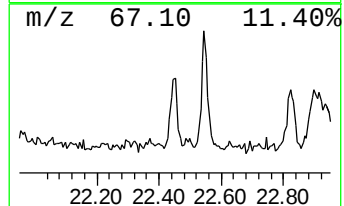
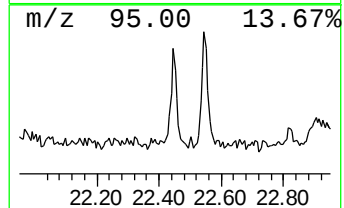
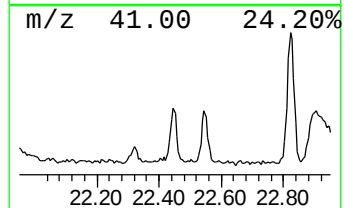
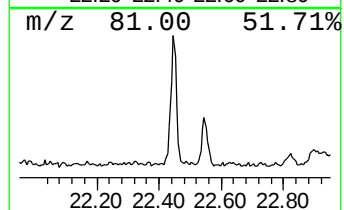
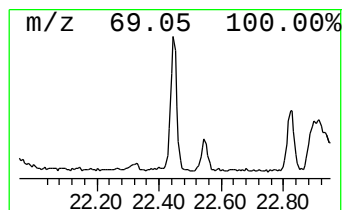
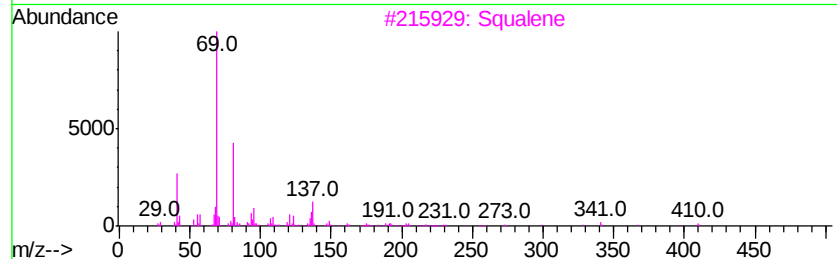
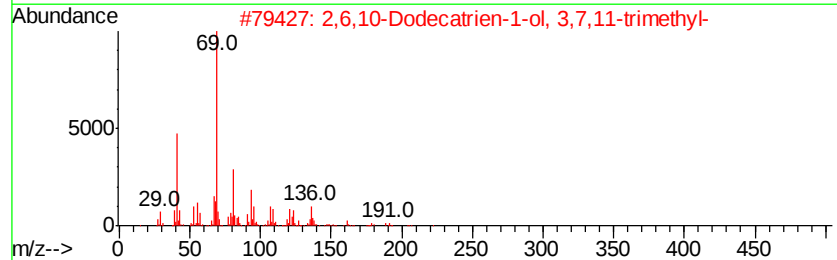
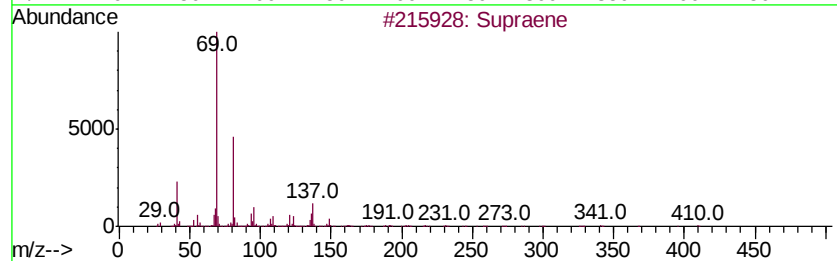
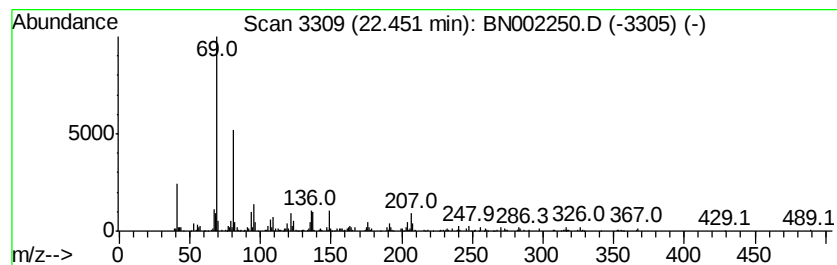
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Peak Number 3 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.80 ng/ul	309341	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 80
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...		222 C15H26O	004602-84-0 72
3	Squalene		410 C30H50	000111-02-4 64
4	Farnesol, acetate		264 C17H28O2	1000352-67-2 64
5	2,6,10-Dodecatrienoic acid, 3,7,...		250 C16H26O2	004176-79-8 59



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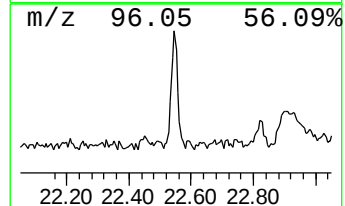
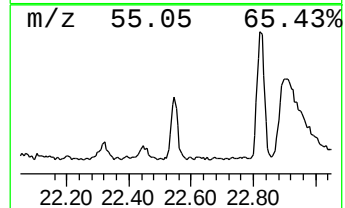
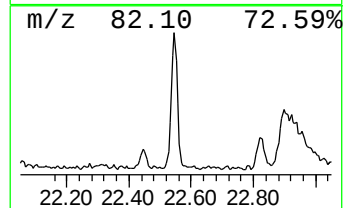
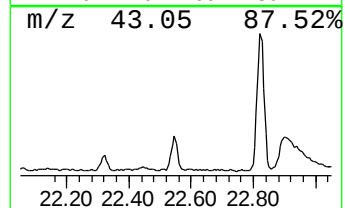
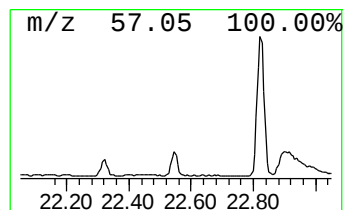
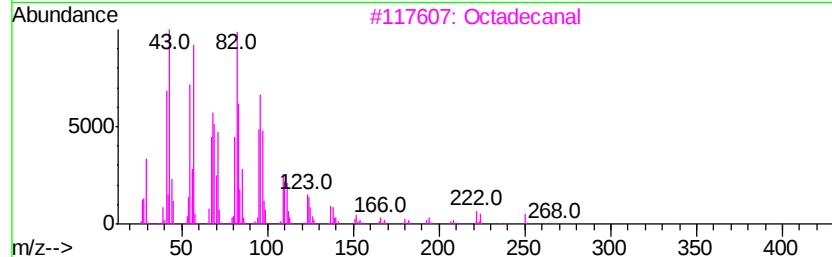
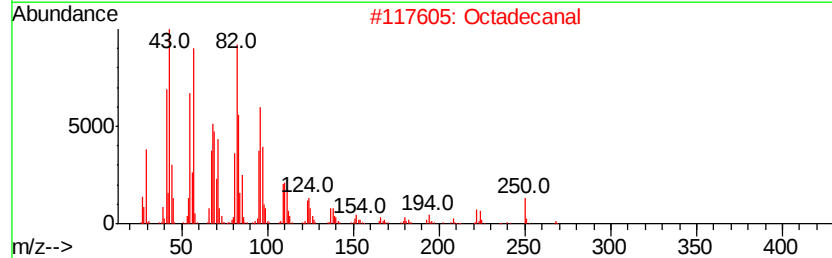
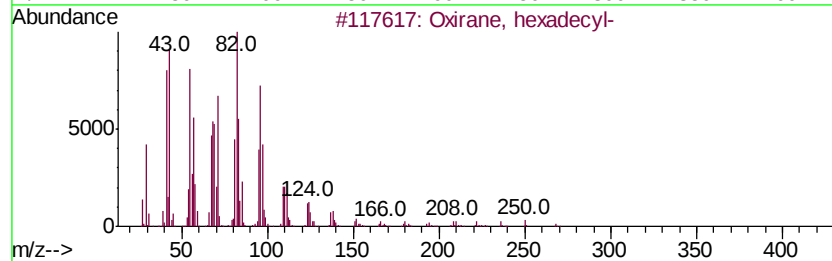
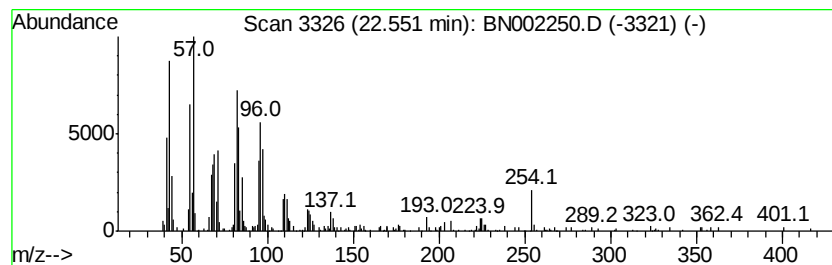
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.55	3.69 ng/ul	407451	Perylene-d12	23.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	12-Octadecenal	266	C18H34O	056554-91-7	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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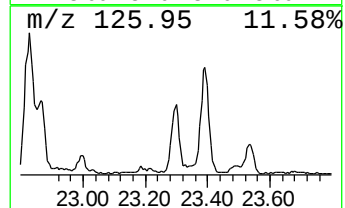
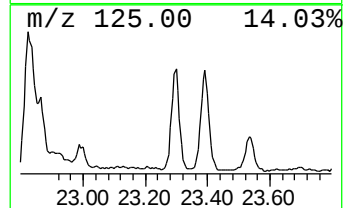
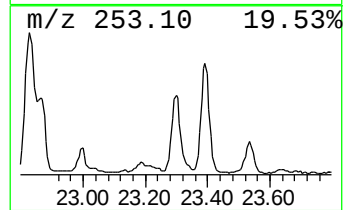
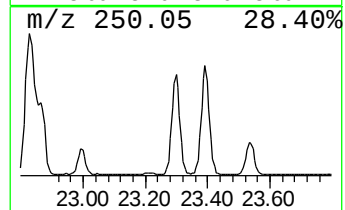
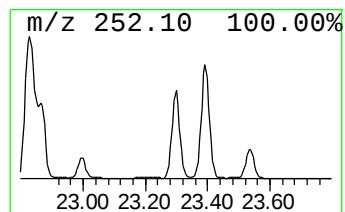
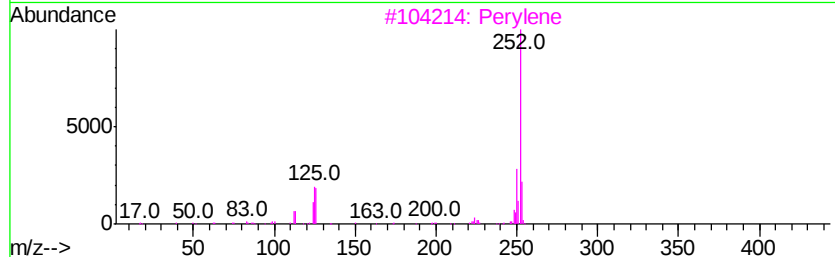
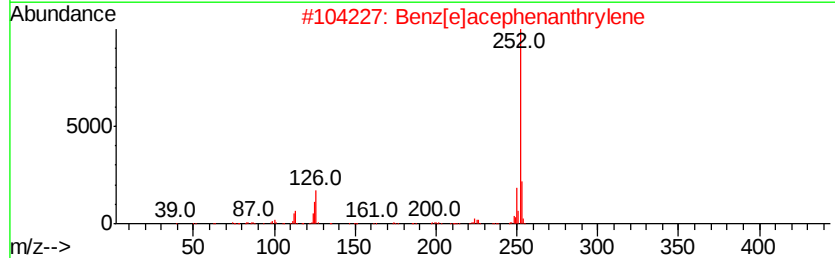
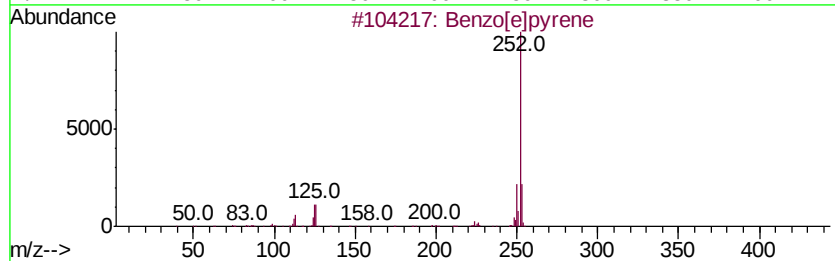
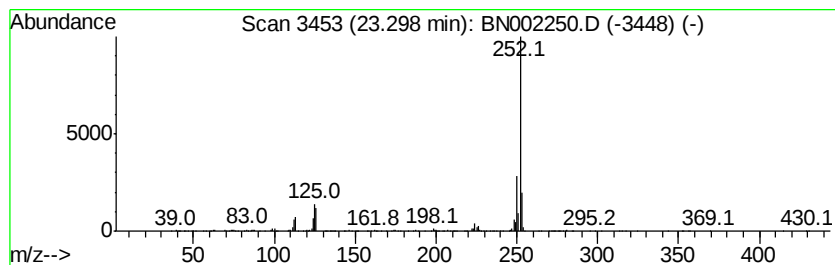
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	7.10 ng/ul	784446	Perylene-d12	23.49

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC7

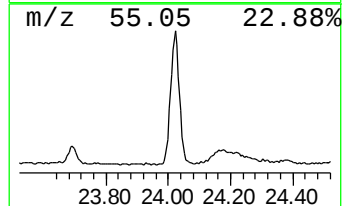
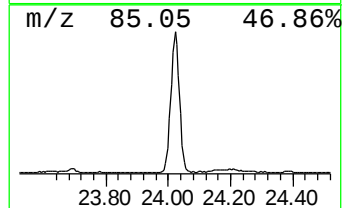
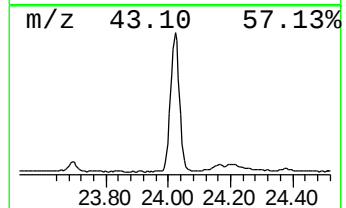
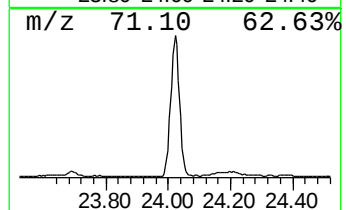
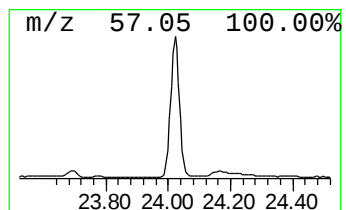
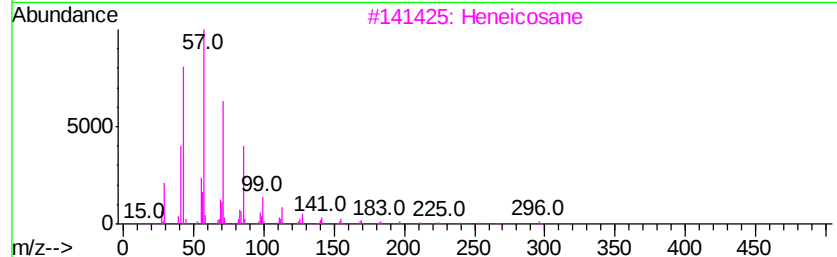
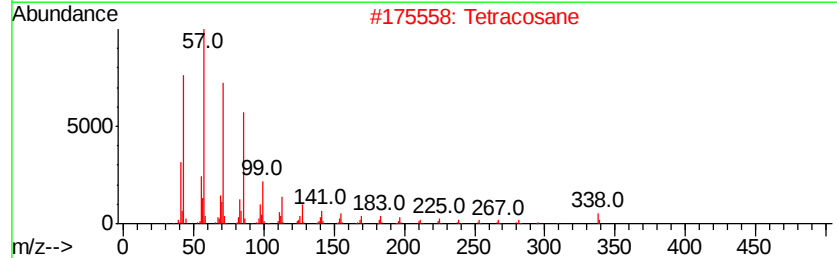
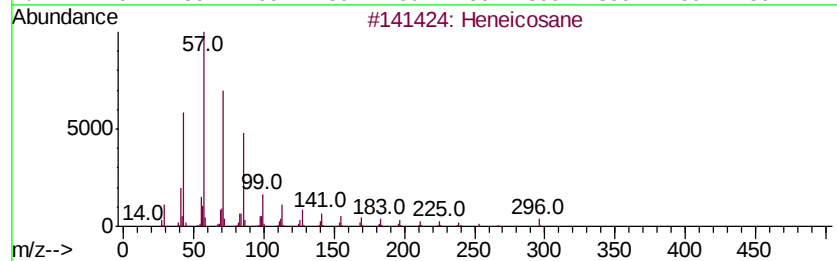
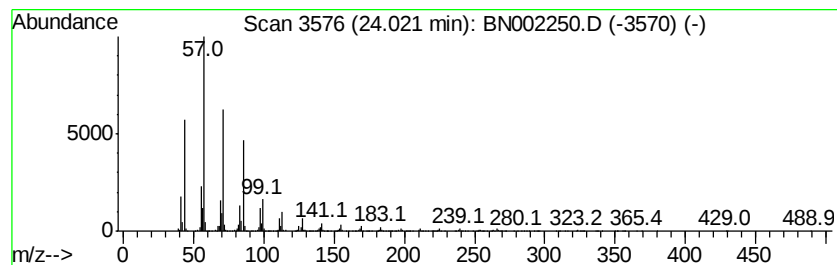
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	22.23 ng/ul	2454490	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tetracosane	338	C24H50	000646-31-1	96
3		Heneicosane	296	C21H44	000629-94-7	95
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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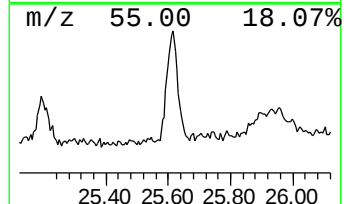
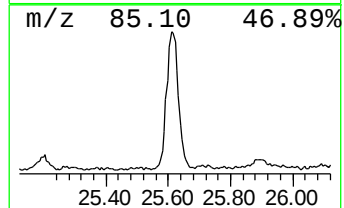
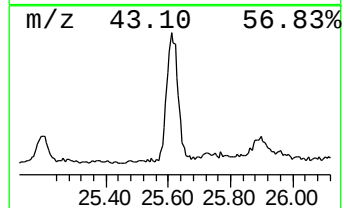
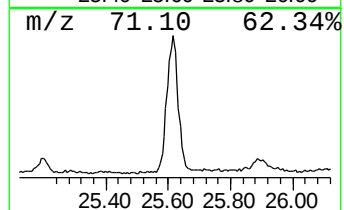
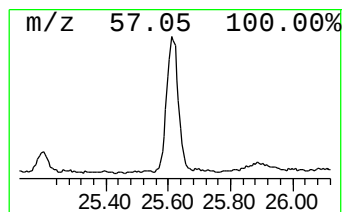
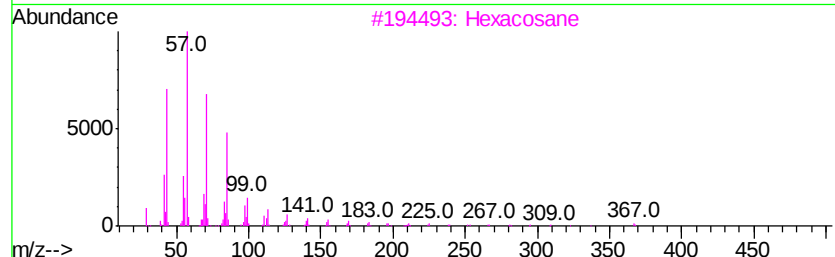
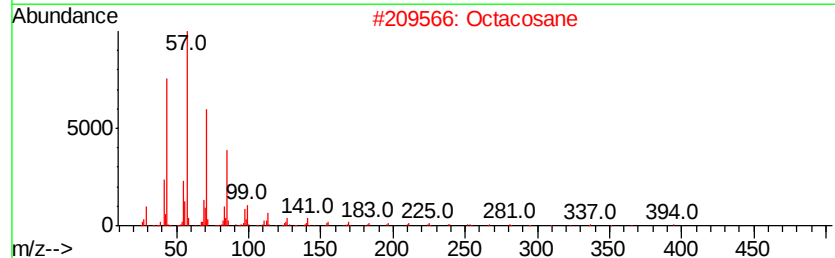
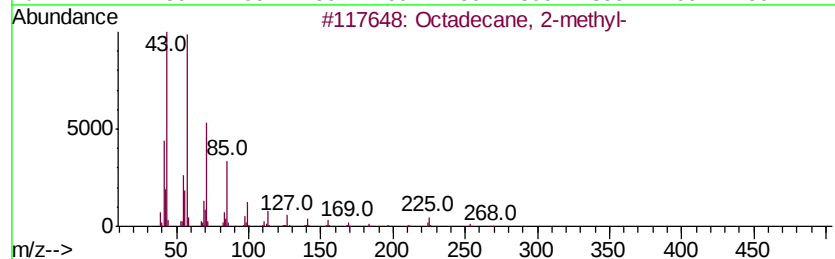
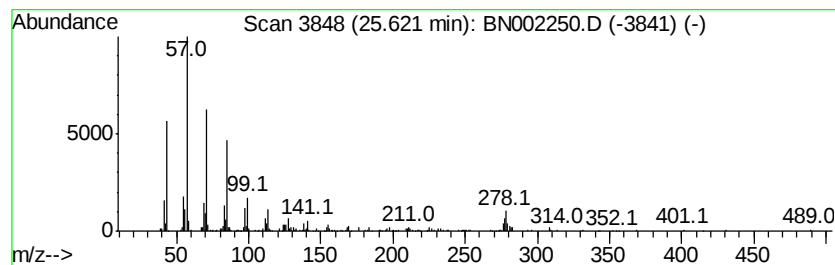
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.62	5.61 ng/ul	619404	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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
n-Hexadecanoic acid	17.97	6.7	ng/ul	755594	4	17.07	2259400	20.0
4H-Cyclopenta[def...	18.13	2.1	ng/ul	235657	4	17.07	2259400	20.0
Supraene	22.45	2.8	ng/ul	309341	6	23.49	2208210	20.0
Oxirane, hexadecyl-	22.55	3.7	ng/ul	407451	6	23.49	2208210	20.0
Benzo[e]pyrene	23.30	7.1	ng/ul	784446	6	23.49	2208210	20.0
(DEL) Alkane: Str...	24.02	22.2	ng/ul	2454490	6	23.49	2208210	20.0
(DEL) Alkane: Str...	25.62	5.6	ng/ul	619404	6	23.49	2208210	20.0