

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002246.D
 Acq On : 08 Aug 2018 11:50
 Operator : JU/SJ
 Sample : J4268-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

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	52	rVB	37980	55642	1.30%	0.073%
2	3.964	162	166	171	rVB	46540	62115	1.45%	0.081%
3	6.863	653	659	672	rBV	669343	1182596	27.59%	1.548%
4	7.028	681	687	700	rBV	574582	887769	20.71%	1.162%
5	7.222	714	720	732	rBV	727485	1161494	27.09%	1.521%
6	7.687	792	799	808	rBV	975269	1561696	36.43%	2.044%
7	8.393	912	919	929	rBV	730788	1274735	29.74%	1.669%
8	8.834	987	994	1003	rBV	720429	1183195	27.60%	1.549%
9	9.551	1105	1116	1126	rBV	559018	960616	22.41%	1.258%
10	10.087	1200	1207	1219	rBV	856330	1481935	34.57%	1.940%
11	10.457	1262	1270	1277	rBV	1386626	2375346	55.41%	3.110%
12	10.598	1287	1294	1310	rBV	655576	1187803	27.71%	1.555%
13	13.728	1820	1826	1831	rBV	1490833	2143929	50.01%	2.807%
14	13.775	1831	1834	1846	rVB	471504	653083	15.23%	0.855%
15	14.010	1866	1874	1889	rBV	1805222	2767018	64.55%	3.622%
16	14.316	1916	1926	1934	rBV2	1824747	2976419	69.43%	3.896%
17	14.381	1934	1937	1942	rVB	43076	58517	1.37%	0.077%
18	14.534	1957	1963	1979	rBV	334256	670981	15.65%	0.878%
19	15.316	2089	2096	2102	rBV	2167206	3153902	73.57%	4.129%
20	15.369	2102	2105	2112	rVB2	56454	74257	1.73%	0.097%
21	15.439	2112	2117	2125	rBV	459587	673502	15.71%	0.882%
22	15.557	2130	2137	2147	rVV6	32499	87155	2.03%	0.114%
23	15.810	2176	2180	2188	rVB2	21050	44243	1.03%	0.058%
24	16.045	2211	2220	2227	rBV5	39750	83774	1.95%	0.110%
25	16.728	2331	2336	2342	rVB2	43583	79006	1.84%	0.103%
26	16.833	2350	2354	2359	rBV7	32656	43503	1.01%	0.057%
27	16.886	2359	2363	2369	rVB2	62565	86713	2.02%	0.114%
28	16.980	2373	2379	2385	rBV2	110357	186918	4.36%	0.245%
29	17.063	2385	2393	2397	rBV	2155347	3242071	75.63%	4.244%
30	17.104	2397	2400	2405	rVB	1141464	1577512	36.80%	2.065%
31	17.163	2405	2410	2415	rBV2	2169720	3095696	72.21%	4.053%
32	17.263	2422	2427	2433	rBV	62186	110407	2.58%	0.145%
33	17.469	2453	2462	2471	rBV2	141487	286340	6.68%	0.375%
34	17.586	2476	2482	2488	rVV4	83034	142020	3.31%	0.186%

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35	17.645	2488	2492	2500	rVB5	23251	45598	1.06%	0.060%
36	17.857	2521	2528	2533	rBV3	77100	146373	3.41%	0.192%
37	17.939	2534	2542	2544	rBV	127909	210566	4.91%	0.276%
38	17.975	2544	2548	2556	rVB2	470726	870696	20.31%	1.140%
39	18.069	2562	2564	2570	rVB2	41681	48741	1.14%	0.064%
40	18.133	2570	2575	2579	rBV3	222483	380705	8.88%	0.498%
41	18.175	2579	2582	2587	rVB	91822	126961	2.96%	0.166%
42	18.269	2591	2598	2606	rBV5	74437	169266	3.95%	0.222%
43	18.445	2623	2628	2631	rBV	123675	165367	3.86%	0.216%
44	18.486	2631	2635	2639	rVV	237785	333653	7.78%	0.437%
45	18.522	2639	2641	2646	rVV2	38437	47406	1.11%	0.062%
46	18.692	2667	2670	2675	rVB3	45500	52825	1.23%	0.069%
47	18.745	2675	2679	2682	rVV	42679	55165	1.29%	0.072%
48	18.780	2682	2685	2690	rVB3	33362	50828	1.19%	0.067%
49	18.869	2695	2700	2703	rBV	76660	126314	2.95%	0.165%
50	19.004	2719	2723	2731	rBV	101648	184447	4.30%	0.241%
51	19.127	2737	2744	2752	rBV	2974858	4057071	94.64%	5.311%
52	19.257	2763	2766	2773	rVB3	64160	131264	3.06%	0.172%
53	19.374	2776	2786	2789	rVV3	61274	141019	3.29%	0.185%
54	19.463	2795	2801	2804	rBV2	2421425	3748944	87.45%	4.908%
55	19.492	2804	2806	2815	rVV	2416310	2885348	67.31%	3.777%
56	19.569	2815	2819	2825	rVB2	97960	148831	3.47%	0.195%
57	19.674	2832	2837	2841	rBV	112848	172183	4.02%	0.225%
58	19.739	2844	2848	2852	rVB	90202	136090	3.17%	0.178%
59	19.816	2856	2861	2862	rBV2	116267	145945	3.40%	0.191%
60	19.957	2880	2885	2887	rBV4	92388	156521	3.65%	0.205%
61	19.992	2887	2891	2895	rVV2	270543	362853	8.46%	0.475%
62	20.027	2895	2897	2903	rVB2	66634	67142	1.57%	0.088%
63	20.092	2904	2908	2912	rBV2	214625	283704	6.62%	0.371%
64	20.151	2915	2918	2922	rVB2	131381	172333	4.02%	0.226%
65	20.292	2938	2942	2945	rBV	86120	110610	2.58%	0.145%
66	20.339	2946	2950	2954	rVV2	92507	148172	3.46%	0.194%
67	20.404	2958	2961	2966	rVB2	96216	117780	2.75%	0.154%
68	20.557	2984	2987	2991	rBV	137885	168947	3.94%	0.221%
69	20.745	3015	3019	3025	rVB	192756	271799	6.34%	0.356%
70	20.910	3042	3047	3050	rBV3	217476	310933	7.25%	0.407%
71	20.945	3050	3053	3056	rVB	134911	144218	3.36%	0.189%

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72	20.992	3056	3061	3065	rBV3	491529	774782	18.07%	1.014%
73	21.186	3090	3094	3098	rBV	491765	528575	12.33%	0.692%
74	21.263	3100	3107	3111	rVV2	2278233	4286803	100.00%	5.612%
75	21.298	3111	3113	3123	rVB	1212492	1472603	34.35%	1.928%
76	21.421	3130	3134	3139	rBV2	232730	356777	8.32%	0.467%
77	21.574	3156	3160	3167	rBV2	130229	231528	5.40%	0.303%
78	21.863	3205	3209	3214	rBV3	543406	749054	17.47%	0.981%
79	22.545	3323	3325	3329	rBV4	89624	122241	2.85%	0.160%
80	22.827	3367	3373	3378	rBV	1540025	3141210	73.28%	4.112%
81	23.298	3448	3453	3457	rBV	594948	1073578	25.04%	1.405%
82	23.351	3457	3462	3466	rVV2	1101353	2166606	50.54%	2.836%
83	23.392	3466	3469	3476	rVB	925254	1506803	35.15%	1.973%
84	23.492	3479	3486	3491	rBV	1112041	2199000	51.30%	2.879%
85	23.692	3516	3520	3527	rVB2	268704	444317	10.36%	0.582%
86	24.021	3571	3576	3587	rVB	585660	1150038	26.83%	1.506%
87	25.192	3771	3775	3783	rVB4	230667	506817	11.82%	0.663%
88	25.615	3842	3847	3854	rVB3	245170	560260	13.07%	0.733%
89	25.709	3856	3863	3874	rVB3	510015	1473031	34.36%	1.928%
90	26.392	3973	3979	3994	rVB2	364777	1134498	26.46%	1.485%

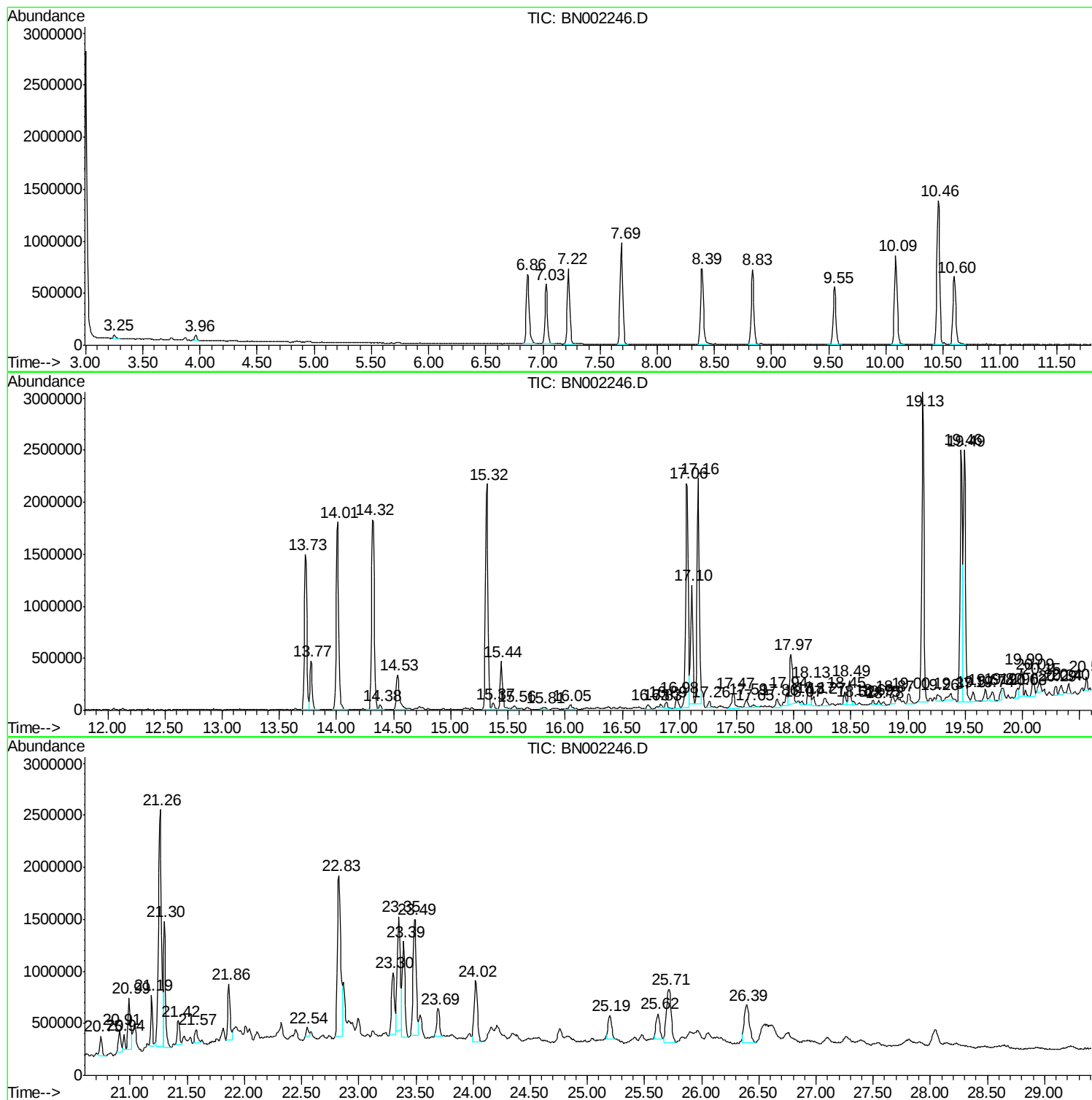
Sum of corrected areas: 76387047

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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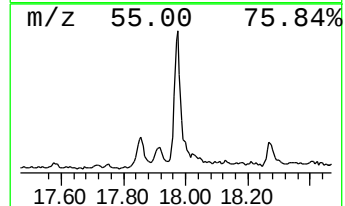
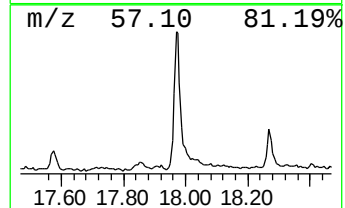
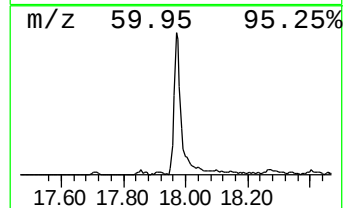
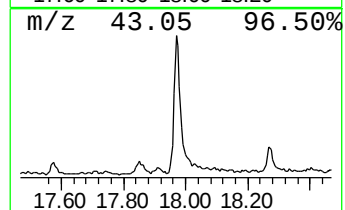
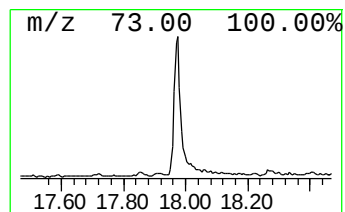
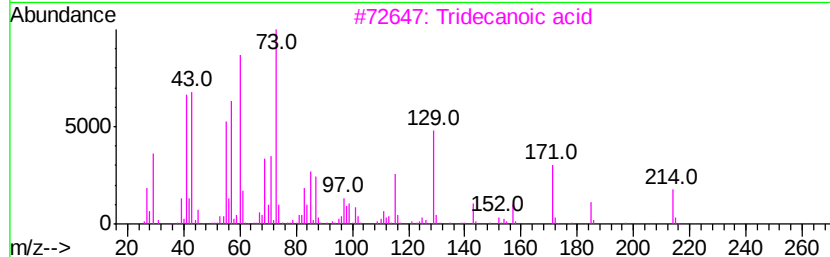
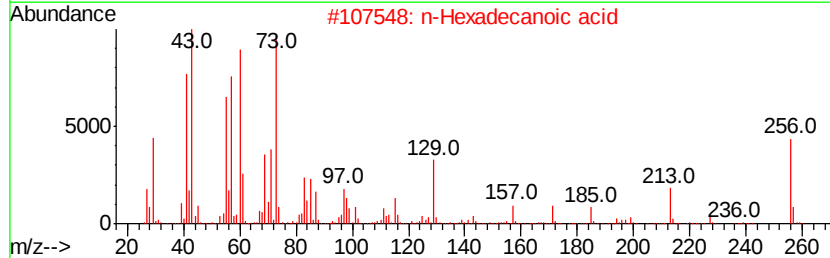
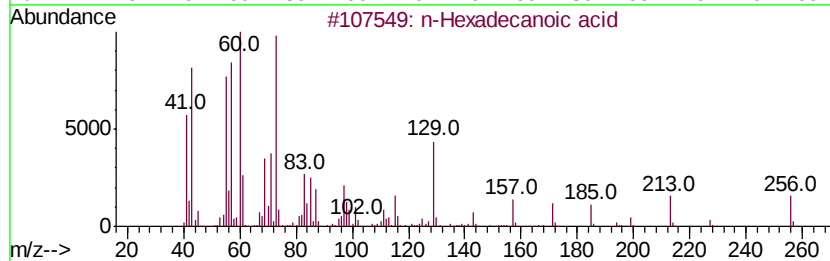
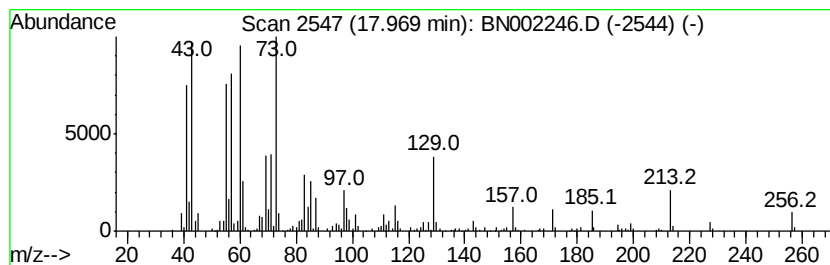
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.97	5.37 ng/ul	870696	Phenanthrene-d10	17.06		
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	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93	



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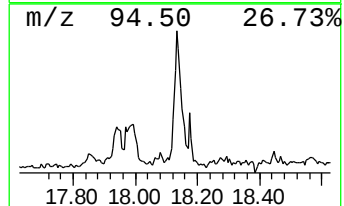
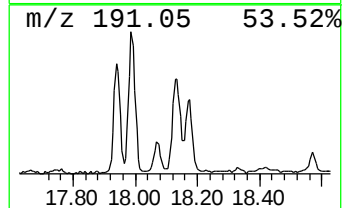
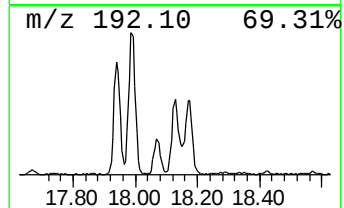
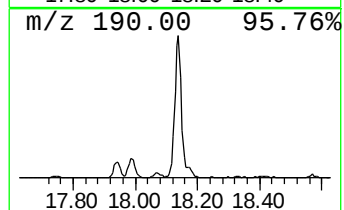
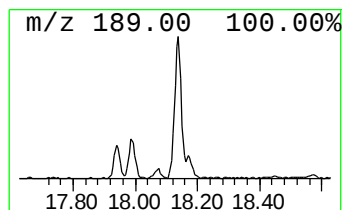
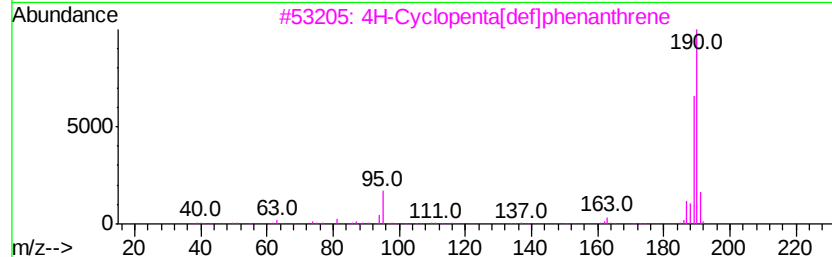
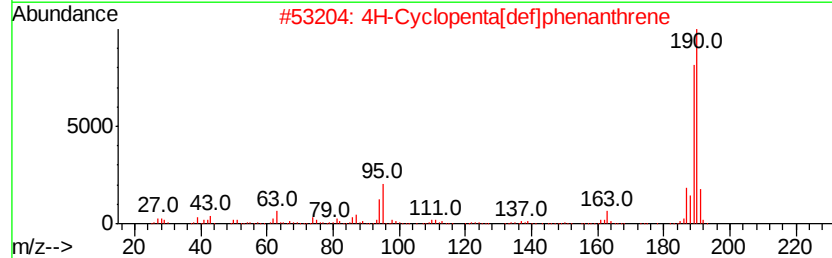
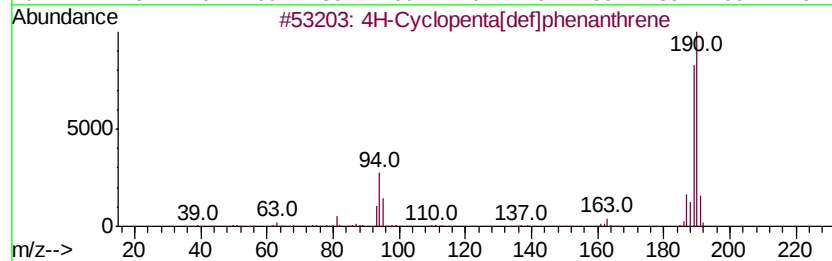
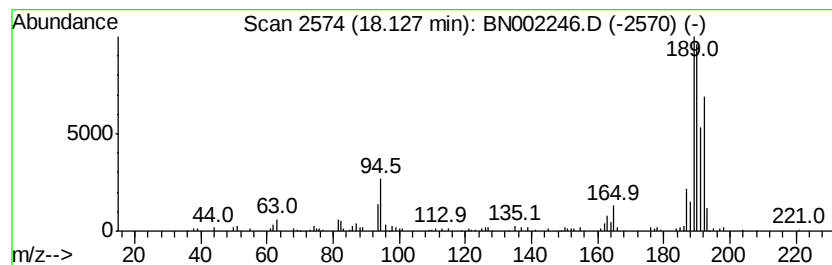
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.13	2.35 ng/ul	380705	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59	
4	Methyl diselenide	190	C2H6Se2	007101-31-7	53	
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50	



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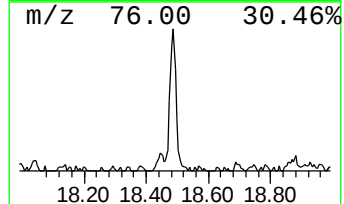
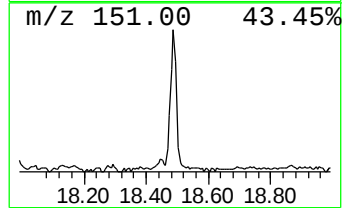
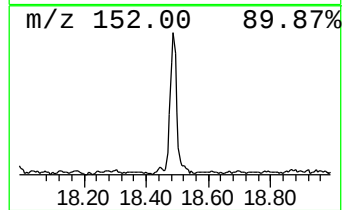
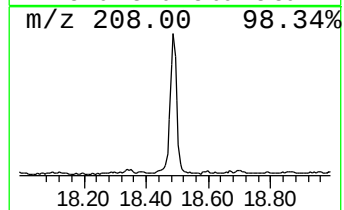
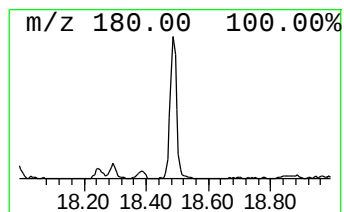
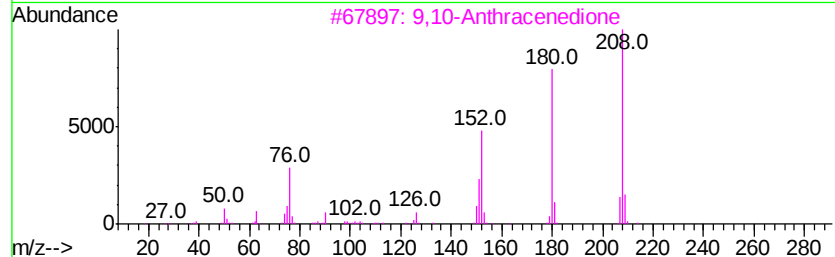
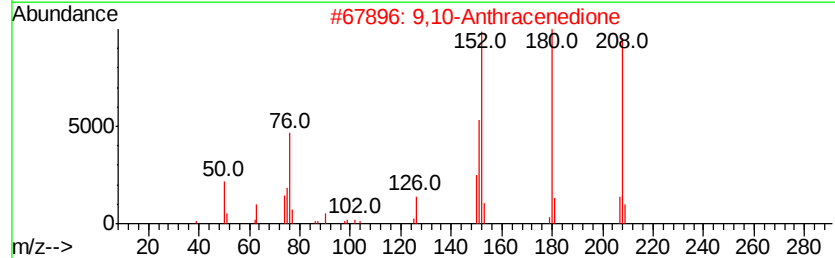
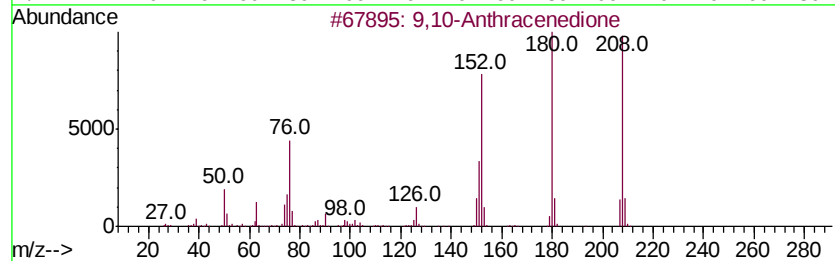
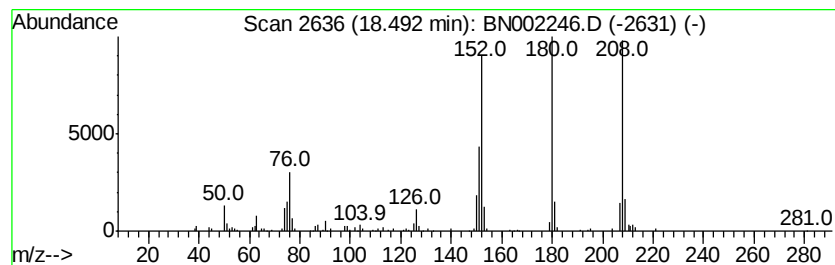
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.06 ng/ul	333653	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	83
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70



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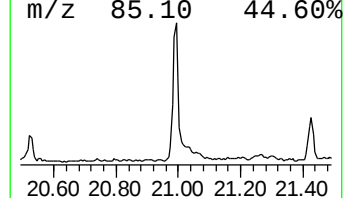
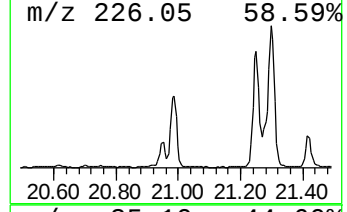
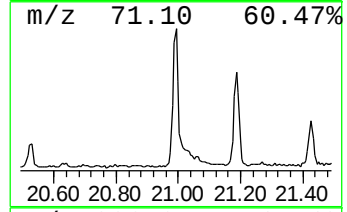
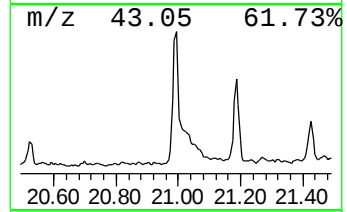
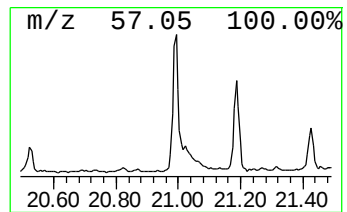
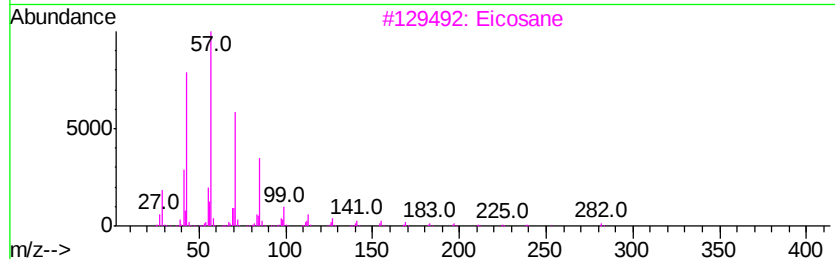
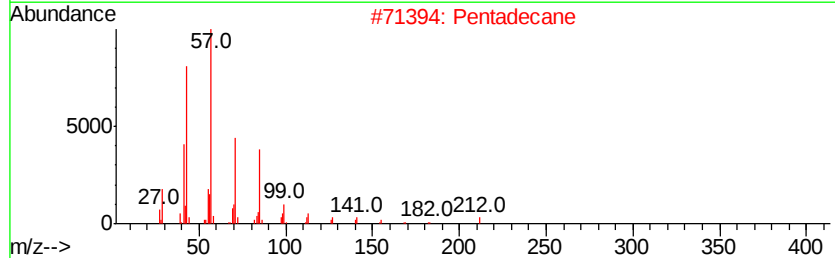
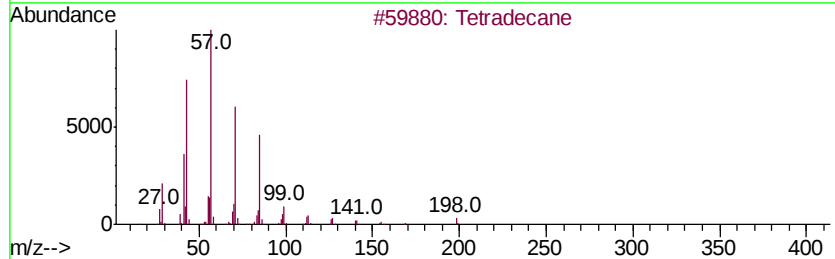
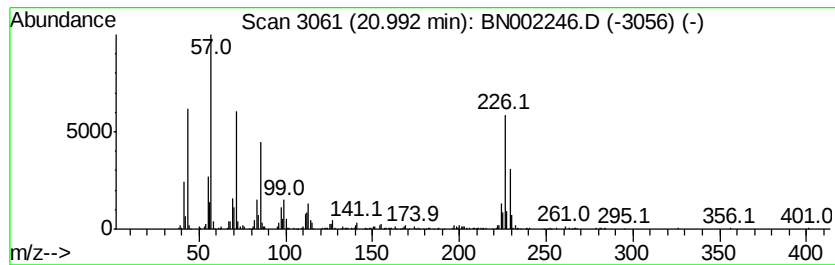
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.61 ng/ul	774782	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	64
2		Pentadecane	212	C15H32	000629-62-9	64
3		Eicosane	282	C20H42	000112-95-8	64
4		Hexadecane	226	C16H34	000544-76-3	52
5		Octacosane	394	C28H58	000630-02-4	50



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Acq On : 08 Aug 2018 11:50
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Sample : J4268-07
Misc :
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Instrument :
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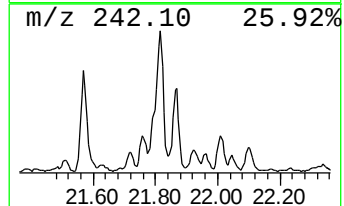
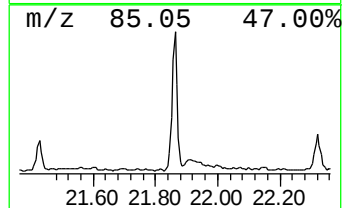
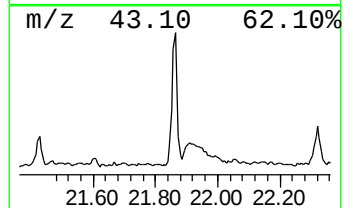
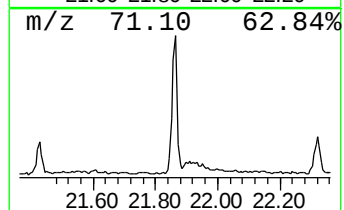
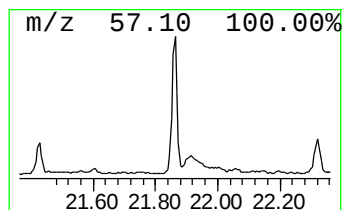
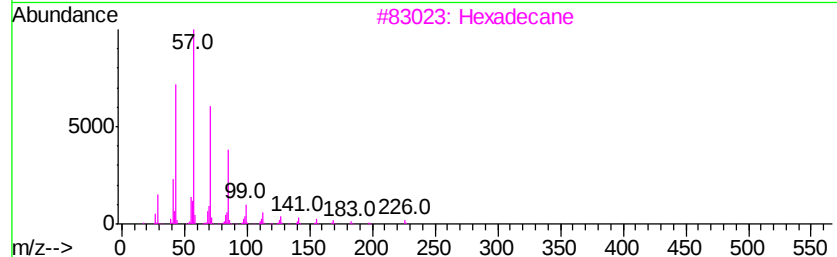
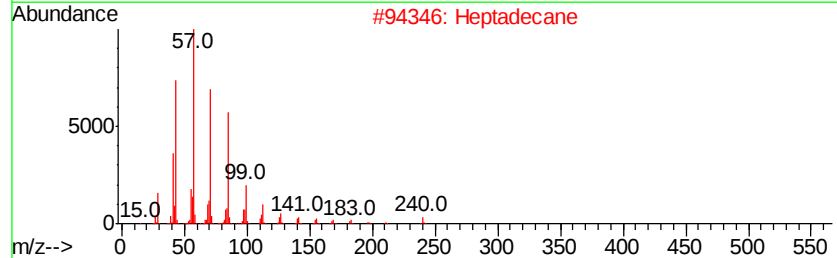
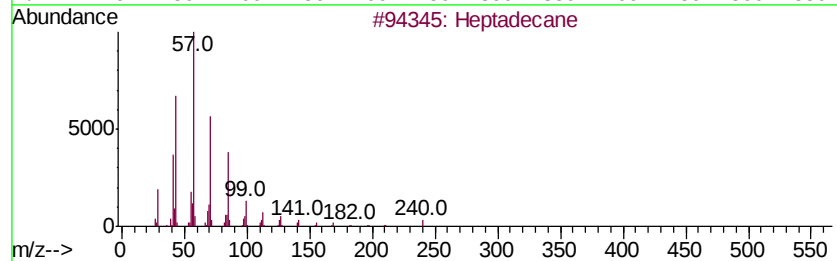
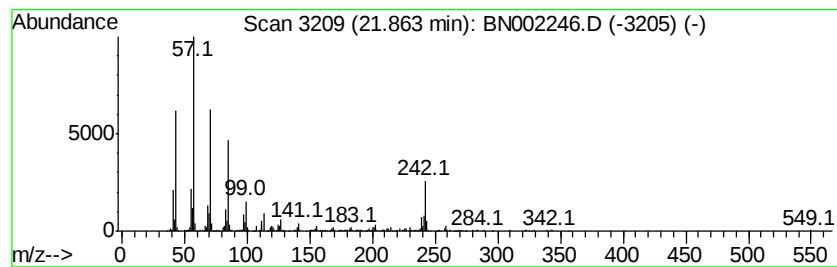
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.49 ng/ul	749054	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heptadecane	240	C17H36	000629-78-7	96
3		Hexadecane	226	C16H34	000544-76-3	93
4		Heptadecane	240	C17H36	000629-78-7	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
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Acq On : 08 Aug 2018 11:50
Operator : JU/SJ
Sample : J4268-07
Misc :
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Instrument :
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ClientSampleId :
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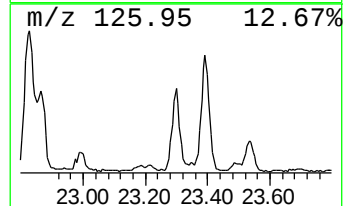
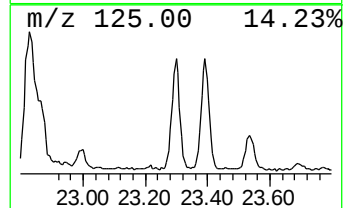
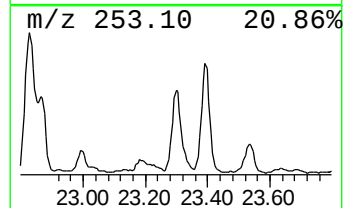
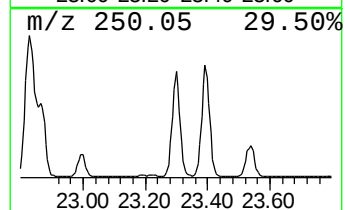
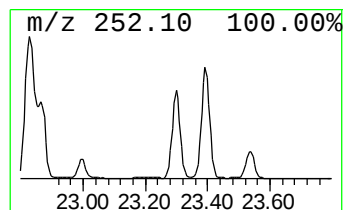
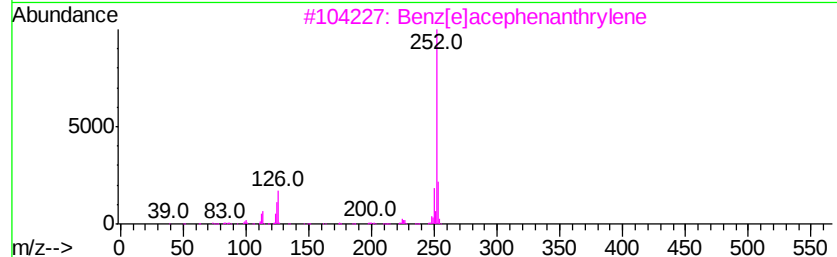
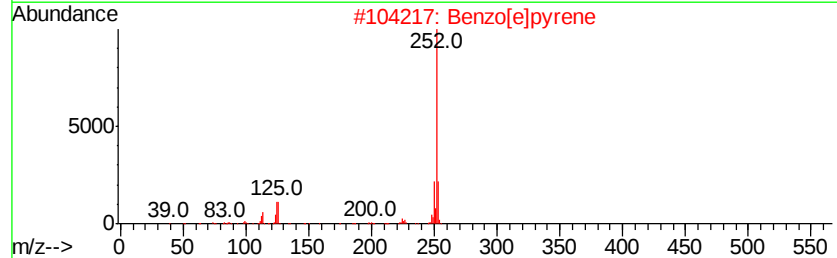
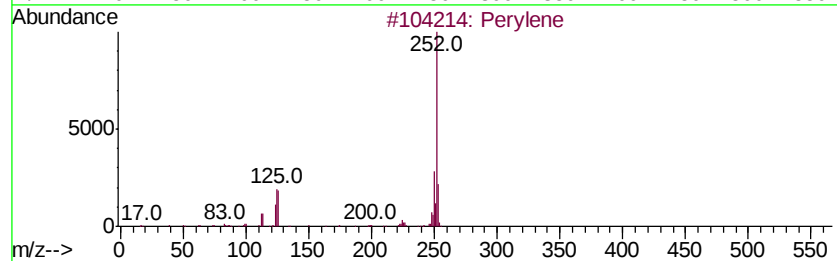
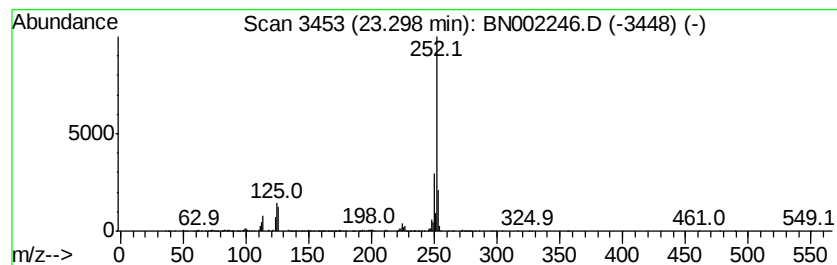
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	9.76 ng/ul	1073580	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
5		Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002246.D
Acq On : 08 Aug 2018 11:50
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Sample : J4268-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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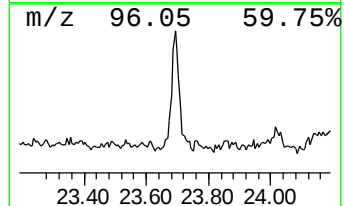
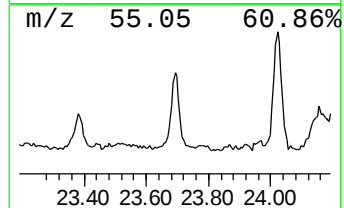
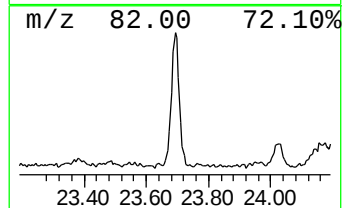
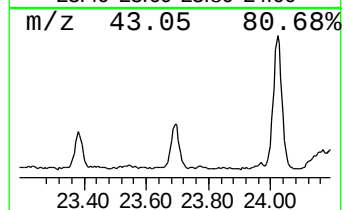
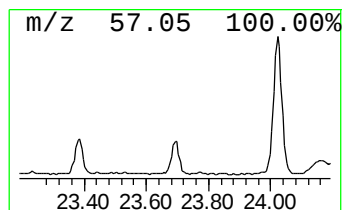
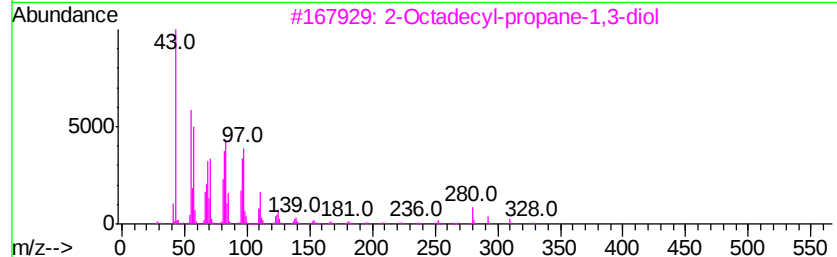
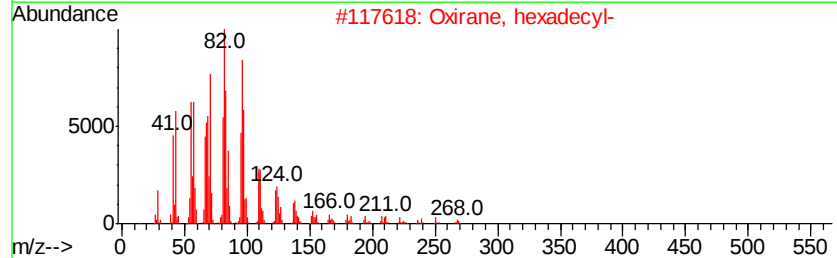
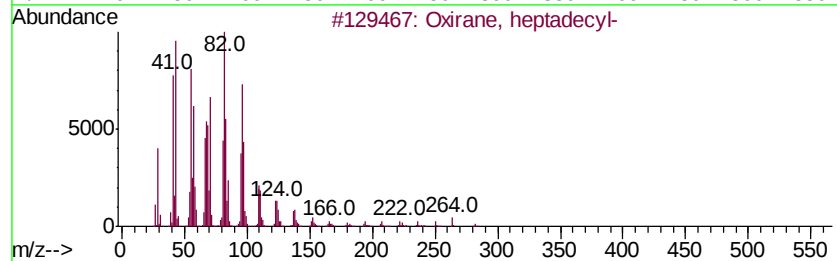
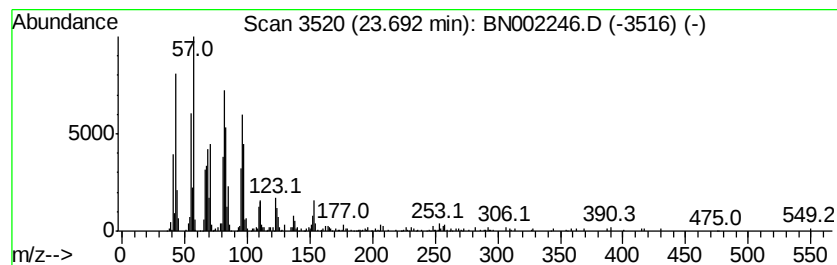
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxirane, heptadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	4.04 ng/ul	444317	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3		2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	80
4		Pentadecanal-	226	C15H30O	002765-11-9	68
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
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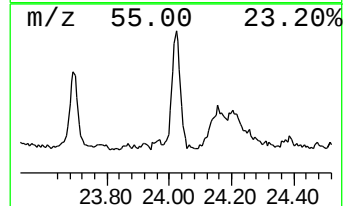
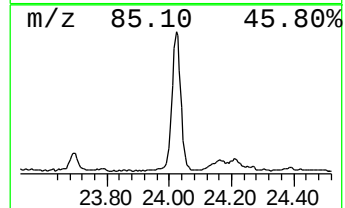
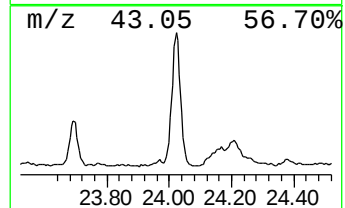
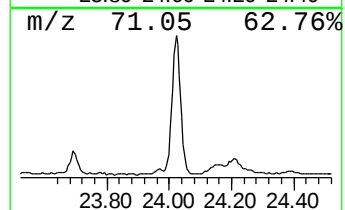
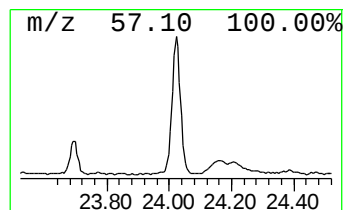
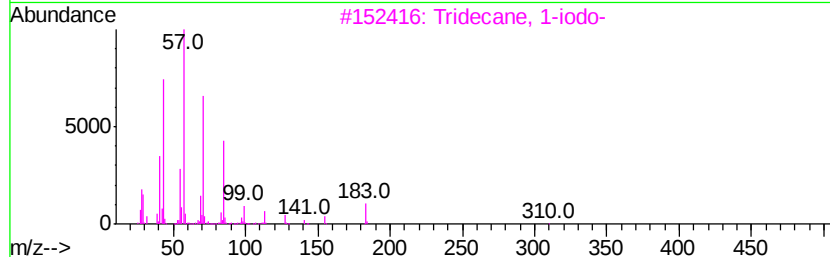
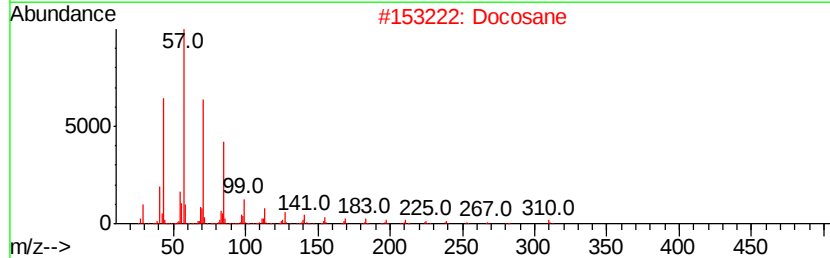
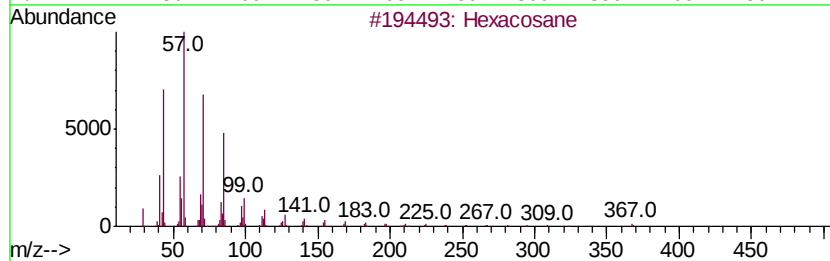
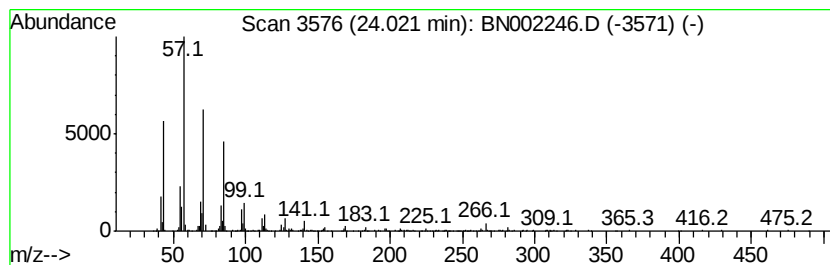
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	10.46 ng/ul	1150040	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Docosane	310	C22H46	000629-97-0	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
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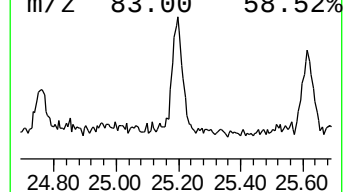
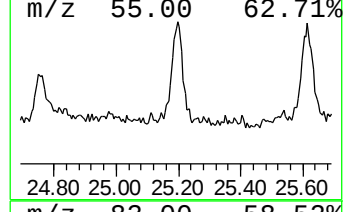
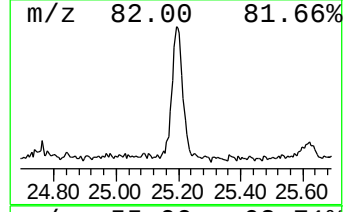
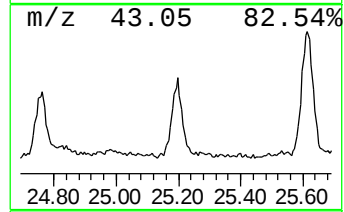
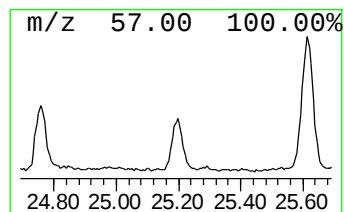
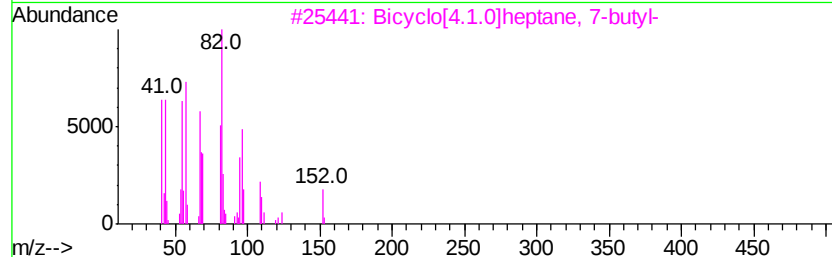
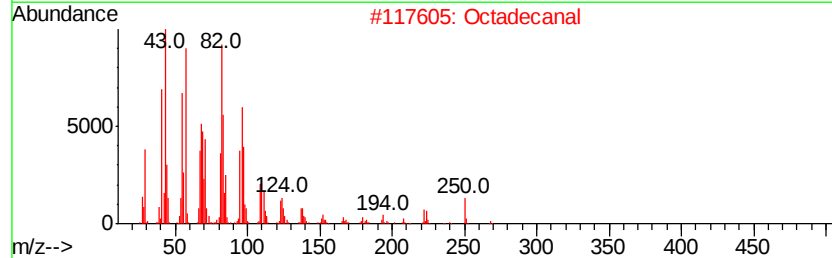
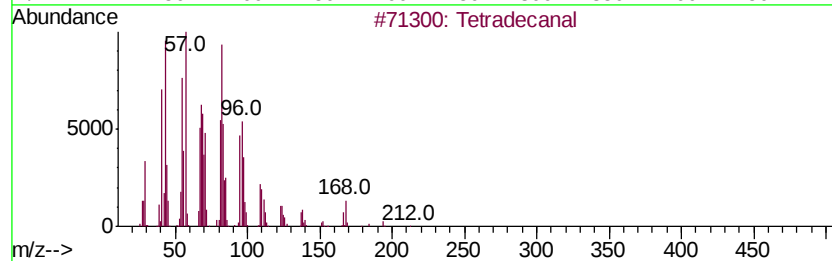
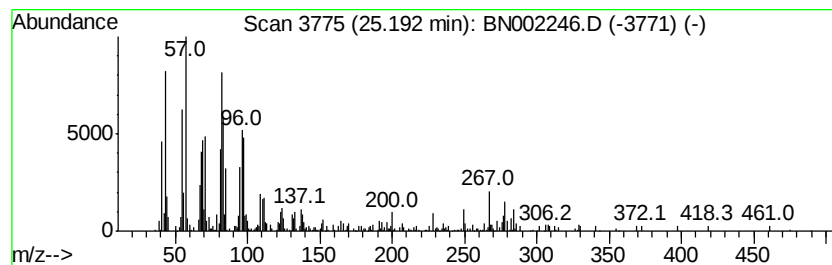
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tetradecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.19	4.61 ng/ul	506817	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	83
2		Octadecanal	268	C18H36O	000638-66-4	76
3		Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	64
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
5		Octadecanal	268	C18H36O	000638-66-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
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Misc :
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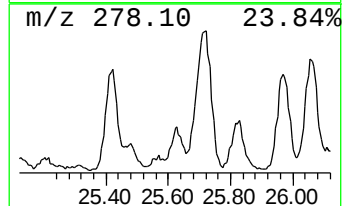
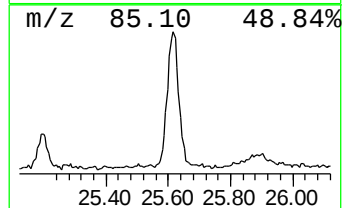
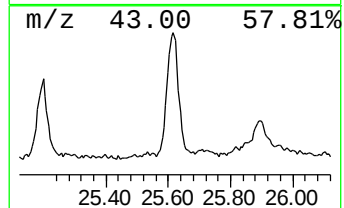
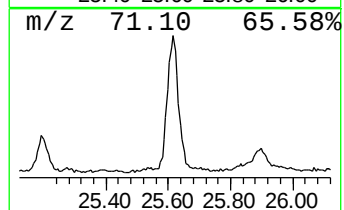
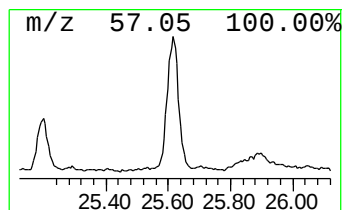
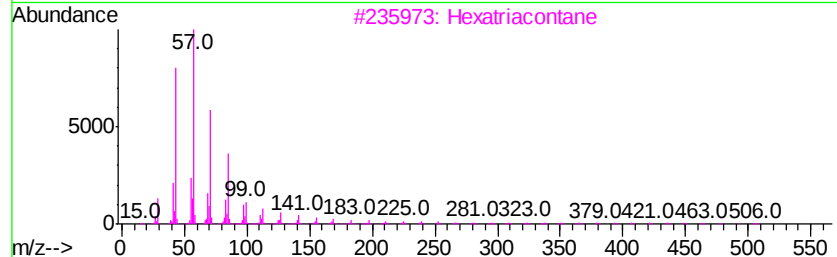
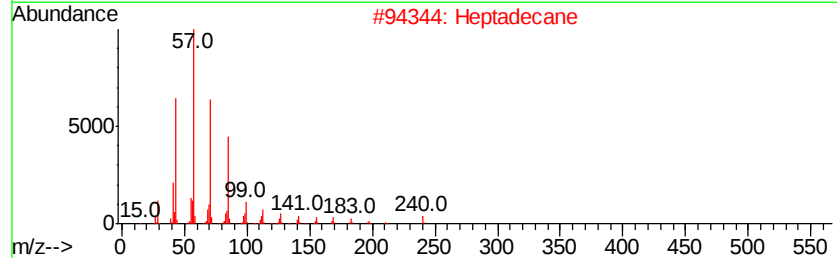
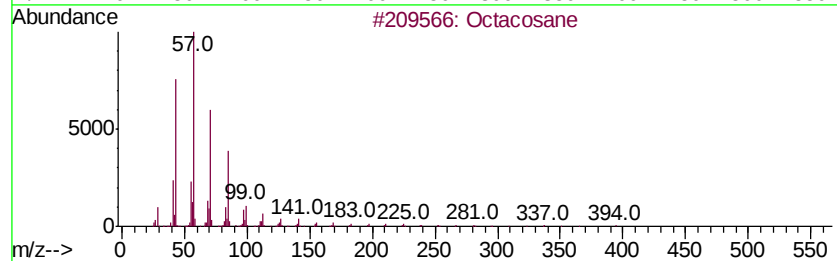
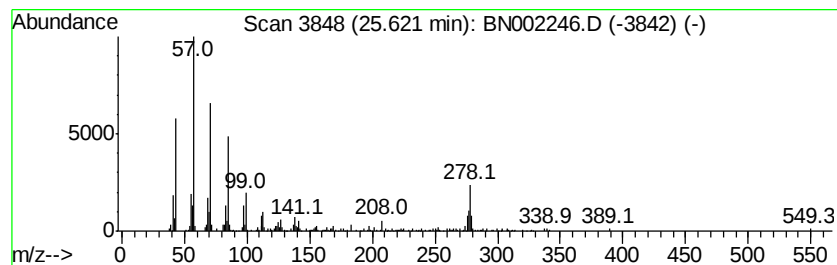
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.62	5.10 ng/ul	560260	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	68
2			Heptadecane	240	C17H36	000629-78-7	68
3			Hexatriacontane	507	C36H74	000630-06-8	68
4			Nonadecane	268	C19H40	000629-92-5	68
5			Pentacosane	352	C25H52	000629-99-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080818\
Data File : BN002246.D
Acq On : 08 Aug 2018 11:50
Operator : JU/SJ
Sample : J4268-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5

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	5.4	ng/ul	870696	4	17.06	3242070	20.0
4H-Cyclopenta[def...	18.13	2.4	ng/ul	380705	4	17.06	3242070	20.0
9,10-Anthracenedione	18.49	2.1	ng/ul	333653	4	17.06	3242070	20.0
(DEL) Alkane: Str...	20.99	3.6	ng/ul	774782	5	21.26	4286800	20.0
(DEL) Alkane: Str...	21.86	3.5	ng/ul	749054	5	21.26	4286800	20.0
Perylene	23.30	9.8	ng/ul	1073580	6	23.49	2199000	20.0
Oxirane, heptadecyl-	23.69	4.0	ng/ul	444317	6	23.49	2199000	20.0
(DEL) Alkane: Str...	24.02	10.5	ng/ul	1150040	6	23.49	2199000	20.0
Tetradecanal	25.19	4.6	ng/ul	506817	6	23.49	2199000	20.0
(DEL) Alkane: Str...	25.62	5.1	ng/ul	560260	6	23.49	2199000	20.0