

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009544.D
 Acq On : 04 Feb 2020 00:35
 Operator : CG/JU
 Sample : L1342-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AG8

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-BN020320MA.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	3.081	12	16	20	rBV2	23454	29598	0.83%	0.057%
2	3.570	95	99	104	rVB2	20614	27624	0.77%	0.053%
3	3.681	114	118	127	rVV2	17788	29281	0.82%	0.056%
4	4.646	277	282	288	rBV	16566	29606	0.83%	0.057%
5	6.640	614	621	637	rBV	417549	708925	19.77%	1.363%
6	6.799	640	648	660	rBV	336874	532427	14.84%	1.024%
7	6.987	671	680	691	rBV	422403	675337	18.83%	1.299%
8	7.440	751	757	766	rBV	695824	1072628	29.91%	2.063%
9	7.528	766	772	779	rVB	50643	82800	2.31%	0.159%
10	8.152	872	878	887	rBV	489224	785825	21.91%	1.511%
11	8.581	945	951	963	rVV	423924	704079	19.63%	1.354%
12	9.293	1066	1072	1080	rBV	345398	572911	15.97%	1.102%
13	9.828	1156	1163	1178	rBV	472973	833275	23.23%	1.602%
14	10.193	1218	1225	1233	rBV	957964	1546077	43.11%	2.973%
15	10.346	1245	1251	1267	rBV	218702	481117	13.41%	0.925%
16	13.316	1751	1756	1764	rBV2	41099	65206	1.82%	0.125%
17	13.504	1781	1788	1792	rVV	908513	1289475	35.95%	2.480%
18	13.551	1792	1796	1806	rVB	156052	233669	6.52%	0.449%
19	13.763	1826	1832	1846	rBV2	896246	1489658	41.53%	2.865%
20	14.075	1879	1885	1892	rVV2	1310486	1989763	55.48%	3.826%
21	14.310	1918	1925	1937	rBV	310357	577411	16.10%	1.110%
22	14.487	1950	1955	1958	rBV6	15845	30876	0.86%	0.059%
23	14.528	1959	1962	1966	rVV4	19523	28403	0.79%	0.055%
24	14.969	2033	2037	2043	rVB5	18356	29463	0.82%	0.057%
25	15.081	2050	2056	2062	rBV	1315683	1748519	48.75%	3.362%
26	15.134	2062	2065	2074	rVB4	20964	37870	1.06%	0.073%
27	15.222	2074	2080	2090	rBV	445285	621632	17.33%	1.195%
28	15.822	2177	2182	2183	rBV3	18664	25311	0.71%	0.049%
29	16.275	2256	2259	2267	rVB5	18462	36169	1.01%	0.070%
30	16.492	2291	2296	2304	rVB6	22186	45033	1.26%	0.087%
31	16.575	2304	2310	2315	rBV8	11997	26019	0.73%	0.050%
32	16.634	2315	2320	2321	rBV4	20034	30750	0.86%	0.059%
33	16.763	2337	2342	2348	rBV6	20771	28396	0.79%	0.055%
34	16.834	2348	2354	2358	rBV	1626858	2267424	63.22%	4.360%

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35	16.875	2358	2361	2365	rVB	417878	510502	14.23%	0.982%
36	16.934	2365	2371	2375	rBV	1305681	1826737	50.93%	3.513%
37	17.034	2383	2388	2393	rBV6	28368	48677	1.36%	0.094%
38	17.145	2404	2407	2414	rVB2	32529	55242	1.54%	0.106%
39	17.245	2414	2424	2429	rBV3	89997	170136	4.74%	0.327%
40	17.363	2440	2444	2448	rBV3	24403	32481	0.91%	0.062%
41	17.416	2448	2453	2459	rVB2	32513	53371	1.49%	0.103%
42	17.551	2474	2476	2485	rVB5	19630	34658	0.97%	0.067%
43	17.639	2485	2491	2497	rBV7	34072	67173	1.87%	0.129%
44	17.710	2498	2503	2507	rBV	122299	169905	4.74%	0.327%
45	17.763	2507	2512	2520	rBV2	463693	680498	18.97%	1.309%
46	17.828	2520	2523	2529	rVB2	59295	102179	2.85%	0.196%
47	17.898	2529	2535	2539	rBV2	155006	260396	7.26%	0.501%
48	17.939	2539	2542	2547	rVB2	85251	119348	3.33%	0.229%
49	18.110	2568	2571	2575	rVB6	34383	47775	1.33%	0.092%
50	18.198	2581	2586	2593	rBV2	105074	238164	6.64%	0.458%
51	18.263	2593	2597	2604	rVB4	80220	130800	3.65%	0.252%
52	18.439	2623	2627	2629	rBV5	26317	37047	1.03%	0.071%
53	18.469	2629	2632	2636	rVV2	37685	48566	1.35%	0.093%
54	18.516	2636	2640	2644	rVV	52837	70535	1.97%	0.136%
55	18.557	2644	2647	2651	rVB	36326	44078	1.23%	0.085%
56	18.639	2656	2661	2666	rBV	125262	203586	5.68%	0.391%
57	18.704	2666	2672	2675	rVV2	64969	107948	3.01%	0.208%
58	18.739	2675	2678	2681	rVB4	60811	73999	2.06%	0.142%
59	18.781	2681	2685	2691	rVB5	88864	156860	4.37%	0.302%
60	18.898	2697	2705	2711	rBV	1171479	1576286	43.95%	3.031%
61	18.969	2715	2717	2721	rBV2	19648	27695	0.77%	0.053%
62	19.010	2721	2724	2728	rVB5	68452	74261	2.07%	0.143%
63	19.057	2728	2732	2737	rBV2	291325	378795	10.56%	0.728%
64	19.110	2739	2741	2745	rBV5	23369	33697	0.94%	0.065%
65	19.233	2755	2762	2765	rBV	1617015	2633213	73.42%	5.063%
66	19.263	2765	2767	2776	rVV	1011555	1320764	36.82%	2.540%
67	19.351	2778	2782	2788	rVB3	71033	134472	3.75%	0.259%
68	19.451	2795	2799	2804	rBV	58214	90510	2.52%	0.174%
69	19.604	2817	2825	2831	rBV4	106608	282575	7.88%	0.543%
70	19.692	2837	2840	2843	rBV4	32215	42287	1.18%	0.081%
71	19.733	2843	2847	2850	rVV4	92921	165358	4.61%	0.318%

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72	19.769	2850	2853	2860	rVB	188249	282119	7.87%	0.542%
73	19.833	2860	2864	2867	rBV2	55371	71367	1.99%	0.137%
74	19.869	2867	2870	2874	rVB	117699	140199	3.91%	0.270%
75	19.928	2876	2880	2885	rVB2	133771	198254	5.53%	0.381%
76	20.063	2900	2903	2908	rBV2	97404	120534	3.36%	0.232%
77	20.110	2908	2911	2915	rBV	90563	129890	3.62%	0.250%
78	20.192	2922	2925	2929	rVB5	96084	123206	3.44%	0.237%
79	20.328	2945	2948	2952	rBV3	77993	99063	2.76%	0.190%
80	20.522	2978	2981	2988	rVB	127791	190158	5.30%	0.366%
81	20.686	3006	3009	3012	rVB2	111058	135310	3.77%	0.260%
82	20.727	3013	3016	3019	rVB2	98978	107856	3.01%	0.207%
83	20.786	3019	3026	3030	rBV4	730246	1088359	30.35%	2.093%
84	20.986	3056	3060	3063	rBV	608046	648557	18.08%	1.247%
85	21.039	3063	3069	3073	rVV3	2147553	3586611	100.00%	6.897%
86	21.075	3073	3075	3083	rVB	728624	896110	24.98%	1.723%
87	21.233	3099	3102	3109	rBV3	157681	224784	6.27%	0.432%
88	21.457	3138	3140	3144	rBV	90119	86270	2.41%	0.166%
89	21.657	3170	3174	3182	rVB2	426440	743309	20.72%	1.429%
90	22.086	3244	3247	3252	rVB	254191	280181	7.81%	0.539%
91	22.533	3318	3323	3324	rBV	662965	886802	24.73%	1.705%
92	22.563	3324	3328	3332	rVV	1208615	2160915	60.25%	4.155%
93	22.598	3332	3334	3344	rVB3	457800	672678	18.76%	1.294%
94	22.974	3394	3398	3401	rBV	311058	457536	12.76%	0.880%
95	23.021	3401	3406	3410	rVV	903973	1562923	43.58%	3.005%
96	23.063	3410	3413	3421	rVB2	576606	1196589	33.36%	2.301%
97	23.151	3423	3428	3434	rBV	1236412	2167851	60.44%	4.169%
98	23.680	3512	3518	3524	rVB	782139	1372791	38.28%	2.640%
99	23.751	3526	3530	3539	rVB3	234511	457756	12.76%	0.880%
100	25.945	3896	3903	3910	rBV4	436126	1152892	32.14%	2.217%

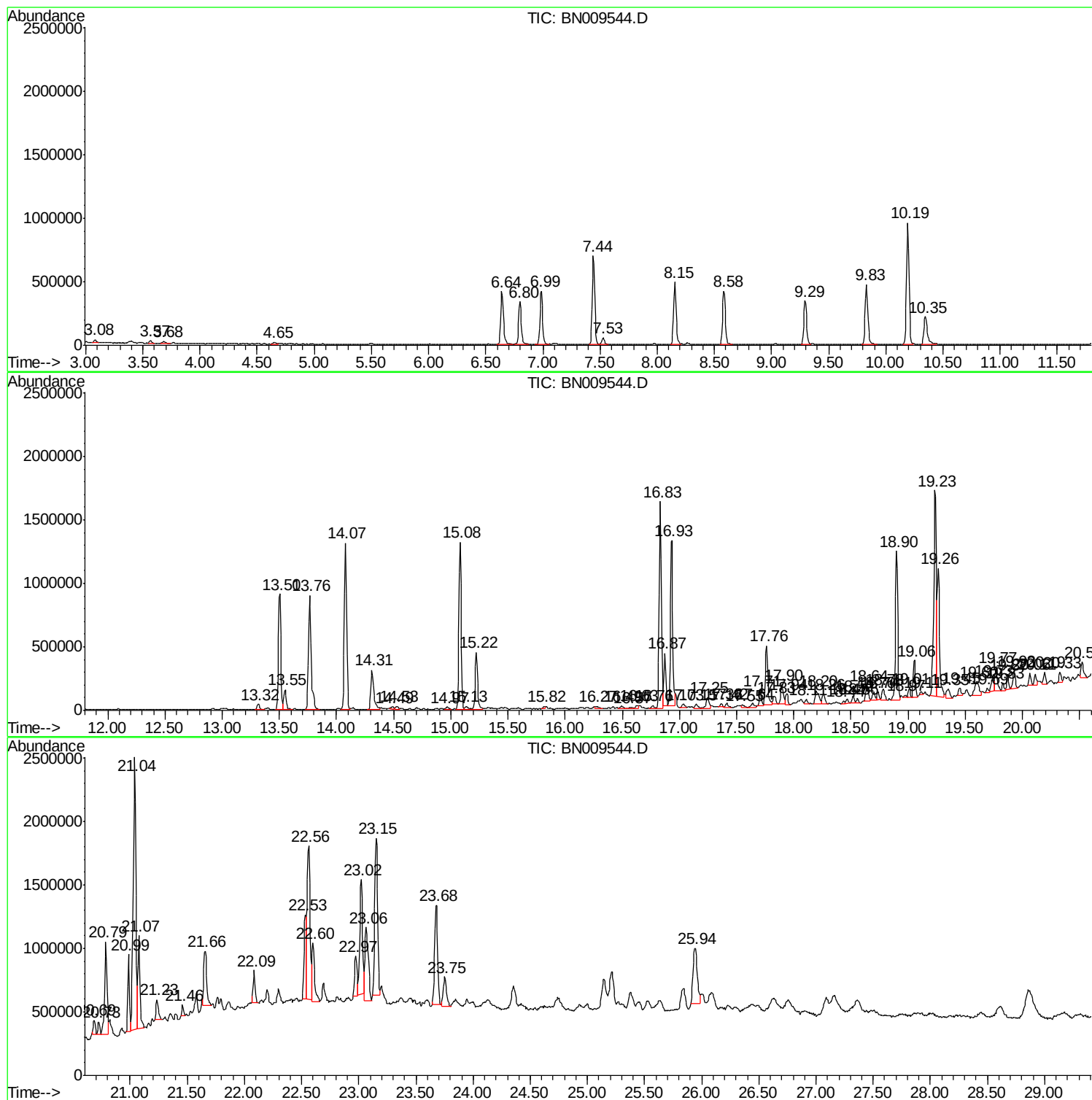
Sum of corrected areas: 52004001

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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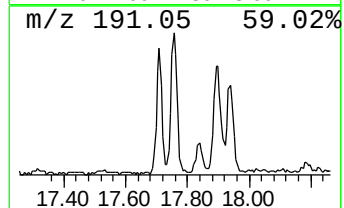
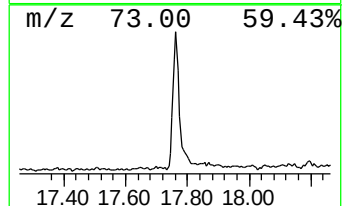
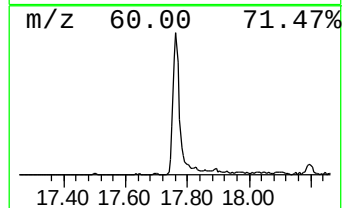
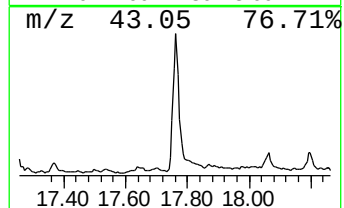
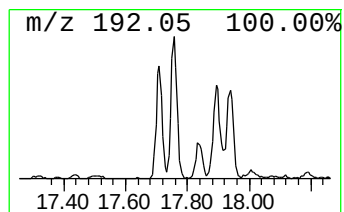
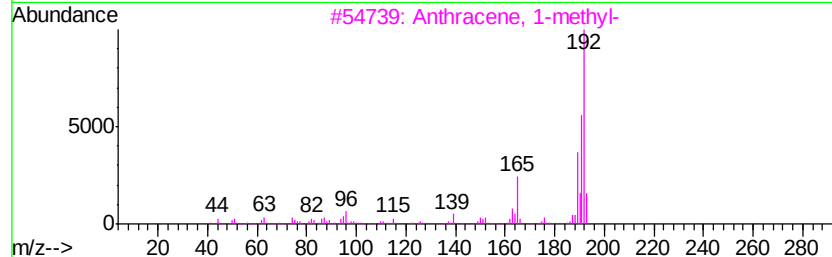
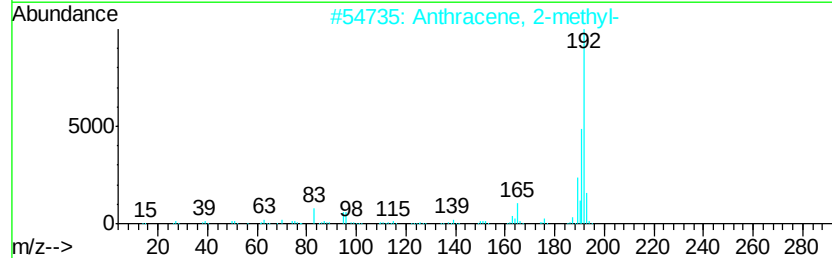
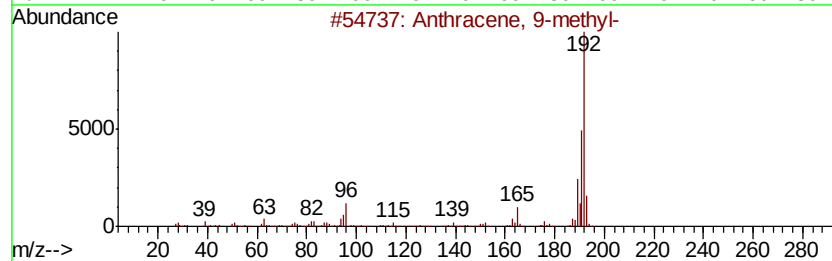
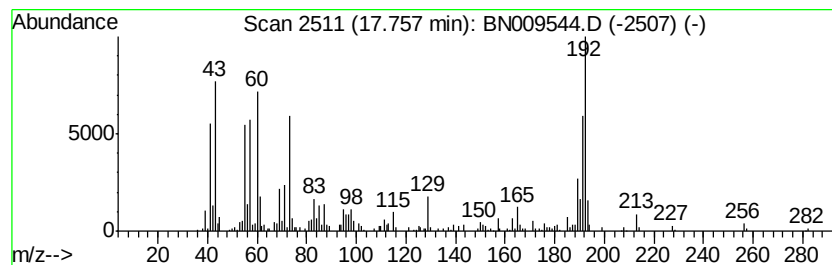
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	6.00 ng/ul	680498	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4		1H-Cyclopropa[1,1b]phenanthrene, 1a, ...	192	C15H12	000949-41-7	62
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60



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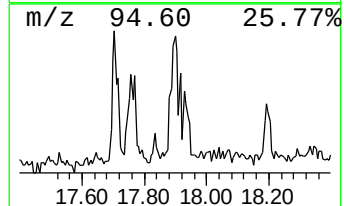
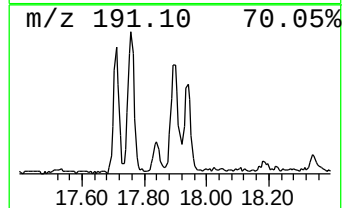
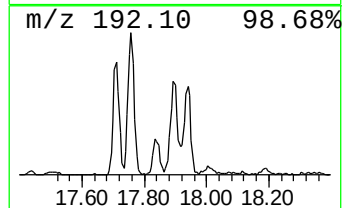
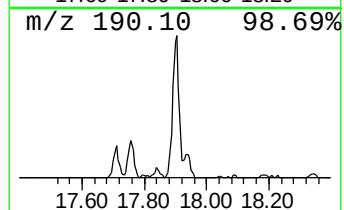
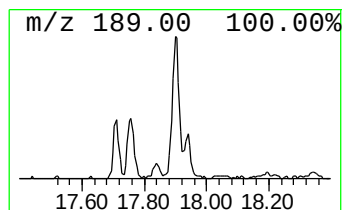
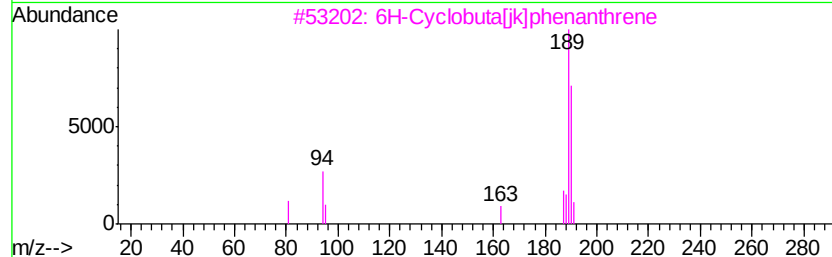
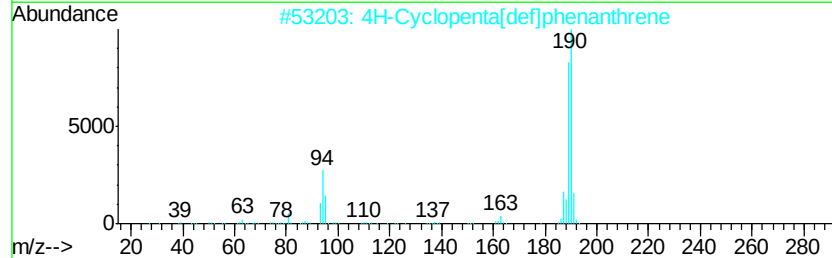
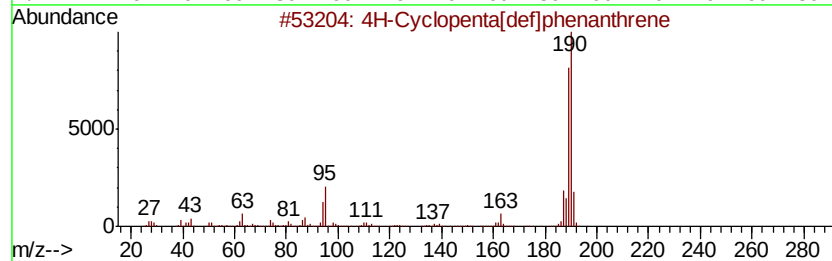
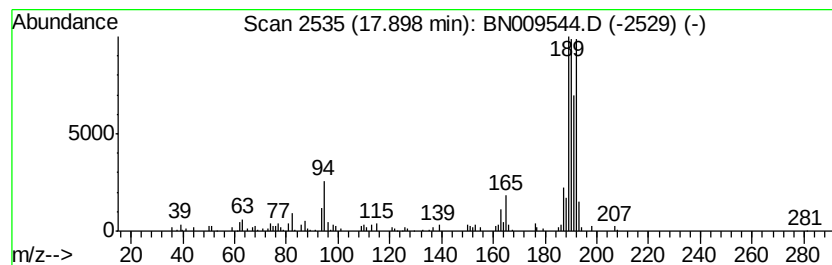
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.90	2.30 ng/ul	260396	Phenanthrene-d10		16.83		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3			6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	49
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



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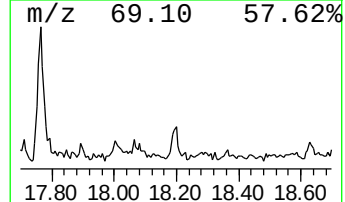
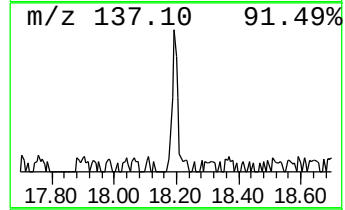
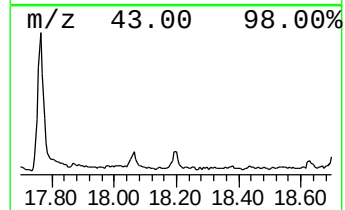
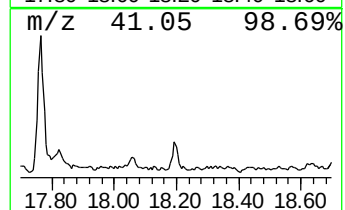
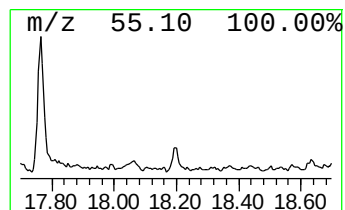
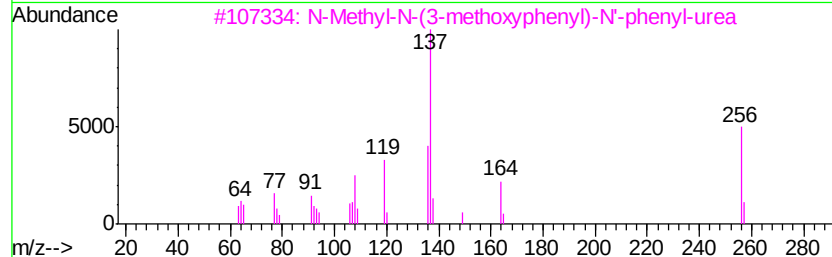
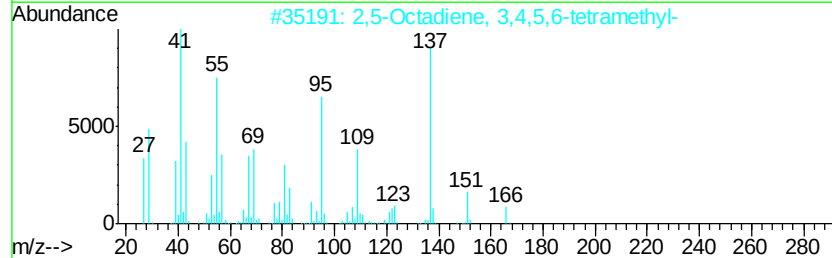
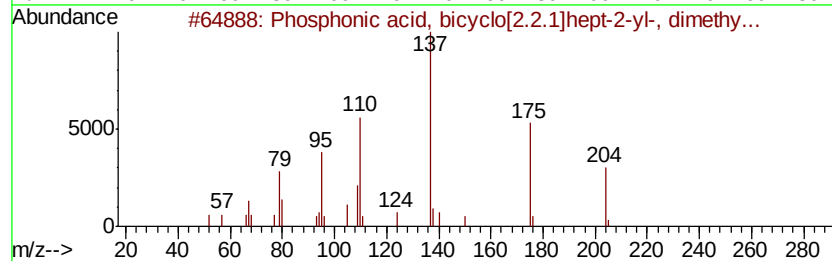
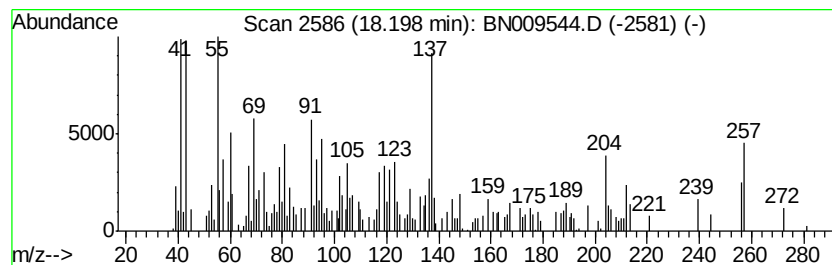
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Peak Number 3 Phosphonic acid, bicyclo[2.2.1]hept-2-yl-, dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.20	2.10 ng/ul	238164	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phosphonic acid, bicyclo[2.2.1]hept-2-yl-, dimethyl-	204	C9H17O3P	031061-88-8	50
2		2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	25
3		N-Methyl-N-(3-methoxyphenyl)-N'-phenyl-urea	256	C15H16N2O2	067309-71-1	25
4		5-(1-Bromo-1-methyl-ethyl)-2-methyl-2-butene	234	C10H19BrO	1000188-65-7	22
5		4a(2H)-Naphthalenecarboxylic acid	196	C12H20O2	062338-25-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009544.D
Acq On : 04 Feb 2020 00:35
Operator : CG/JU
Sample : L1342-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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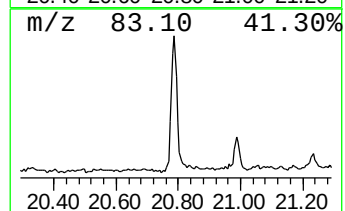
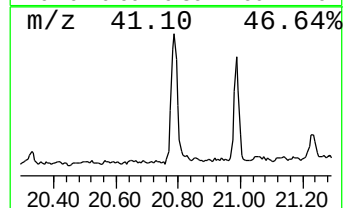
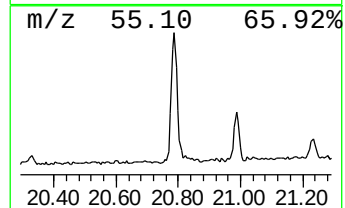
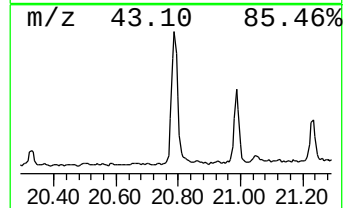
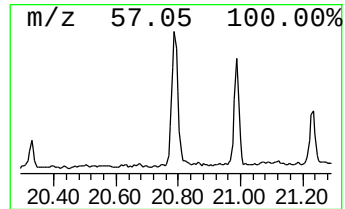
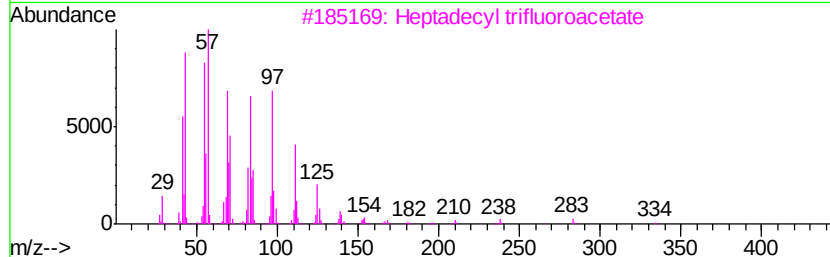
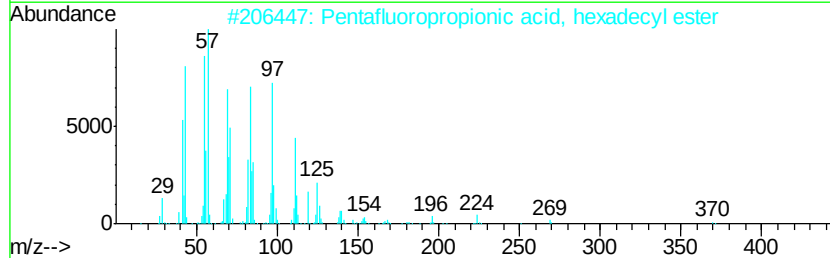
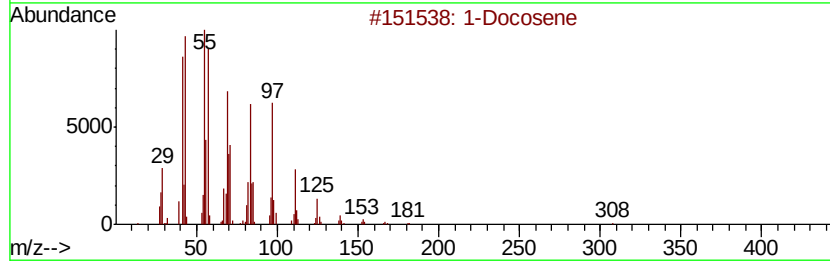
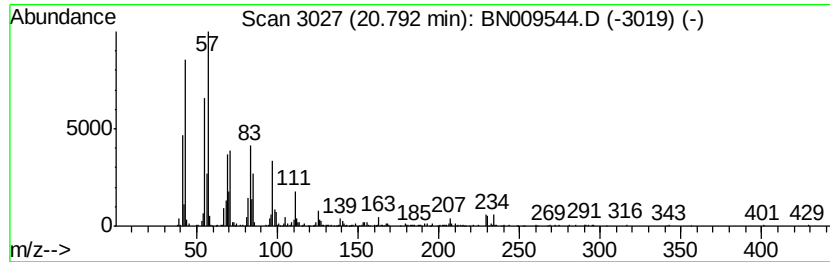
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	6.07 ng/ul	1088360	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	93
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



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Sample : L1342-04
Misc :
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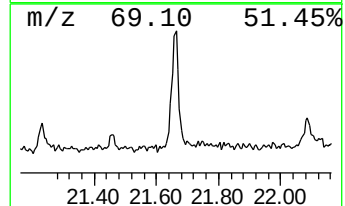
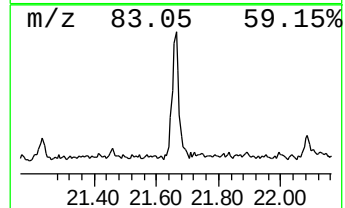
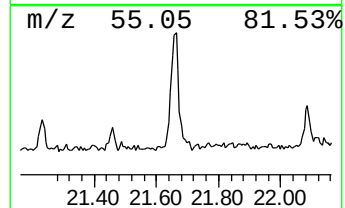
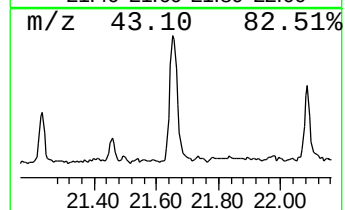
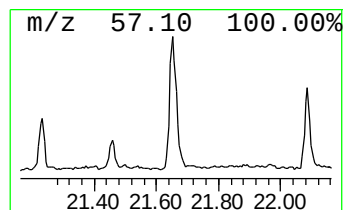
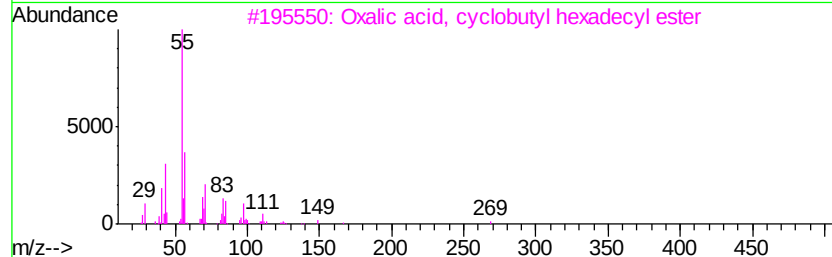
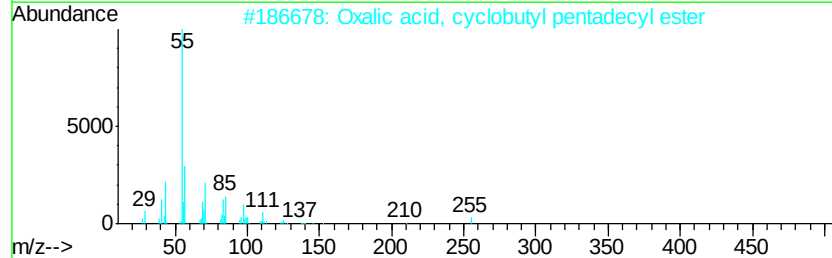
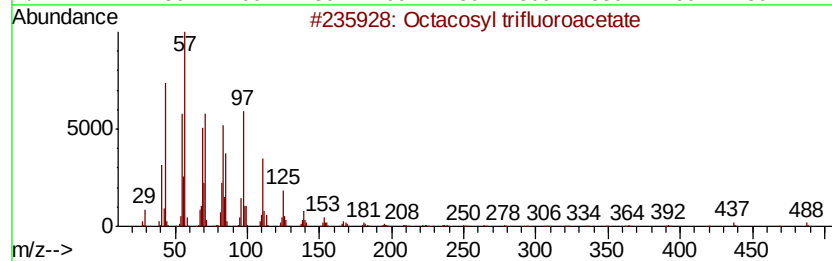
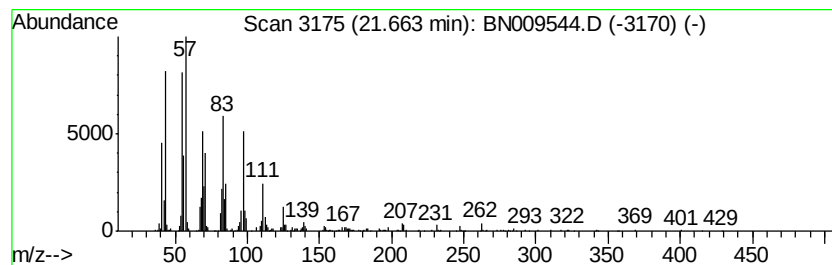
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octacosyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.66	4.14 ng/ul	743309	Chrysene-d12		21.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
2		Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	86
3		Oxalic acid, cyclobutyl hexadecv...	368	C22H40O4	1000309-70-6	80
4		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	76
5		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009544.D
Acq On : 04 Feb 2020 00:35
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Sample : L1342-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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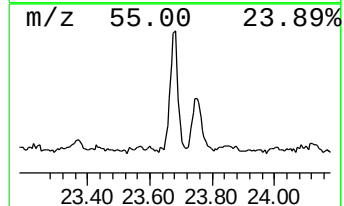
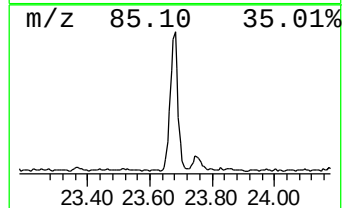
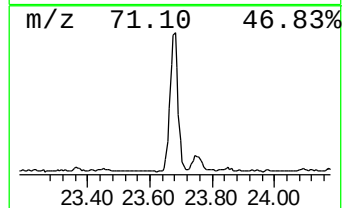
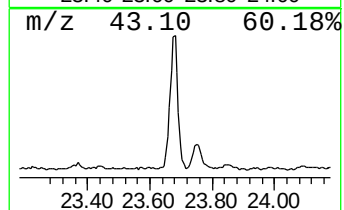
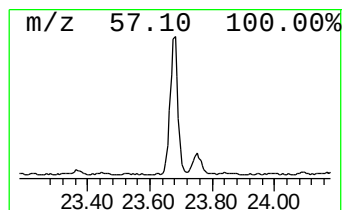
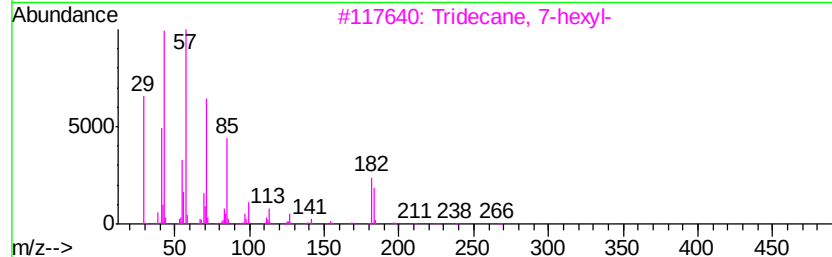
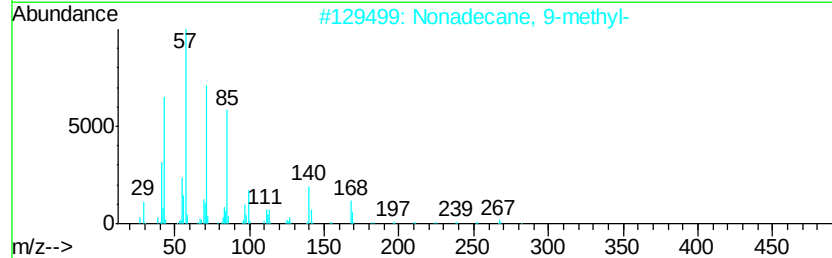
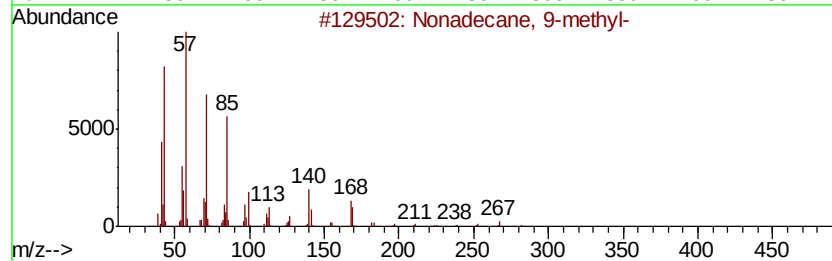
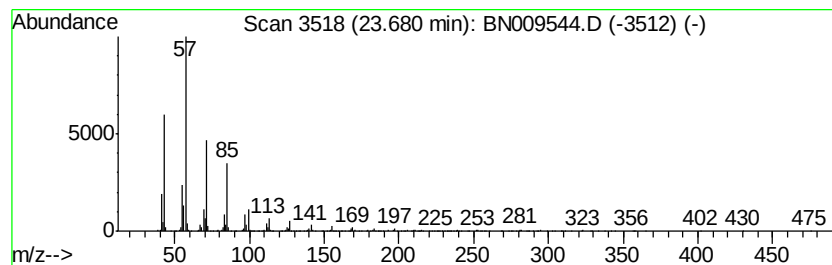
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	12.67 ng/ul	1372790	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009544.D
Acq On : 04 Feb 2020 00:35
Operator : CG/JU
Sample : L1342-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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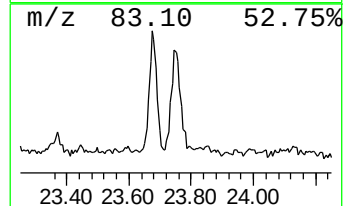
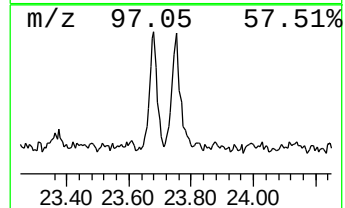
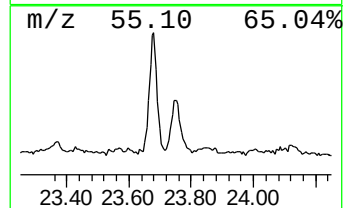
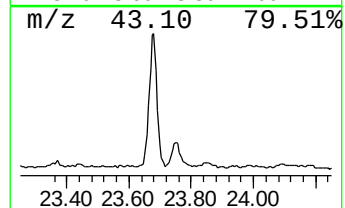
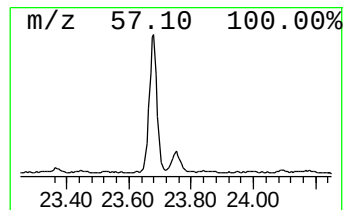
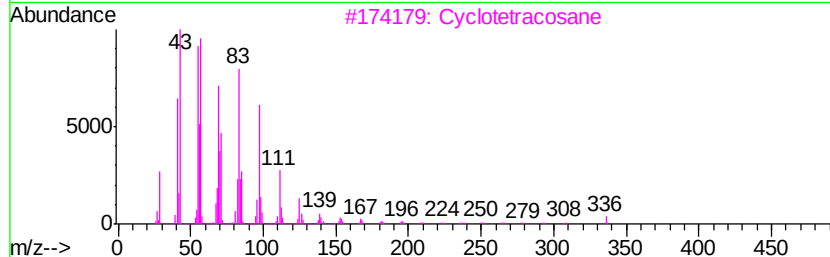
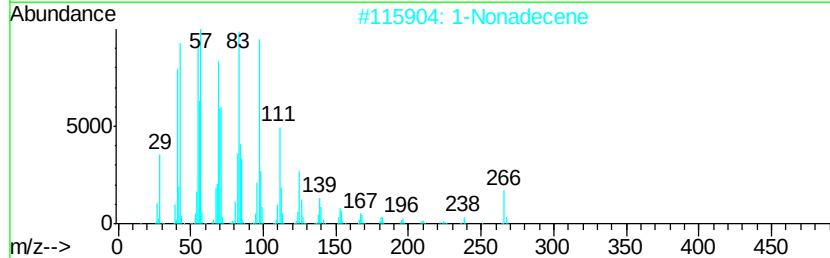
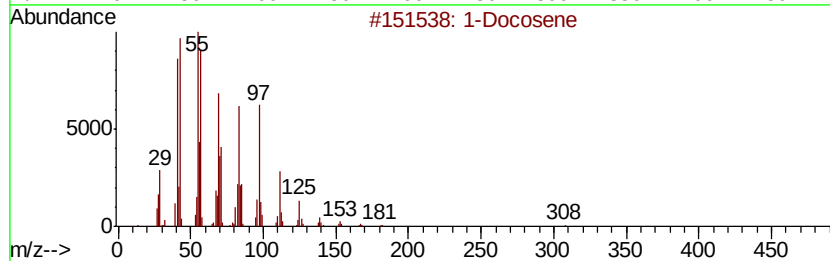
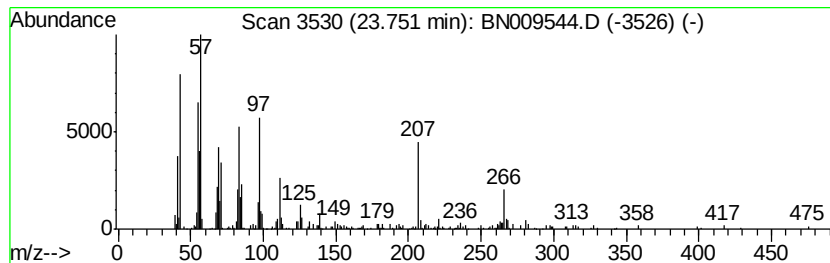
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	4.22 ng/ul	457756	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Nonadecene	266	C19H38	018435-45-5	78
3		Cyclotetracosane	336	C24H48	000297-03-0	70
4		Z-5-Nonadecene	266	C19H38	1000131-11-8	68
5		1-Octadecene	252	C18H36	000112-88-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Sample : L1342-04
Misc :
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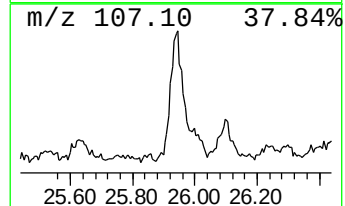
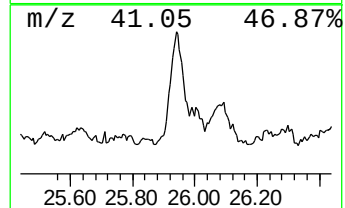
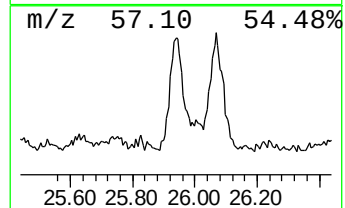
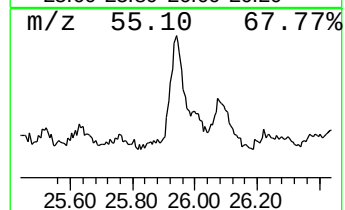
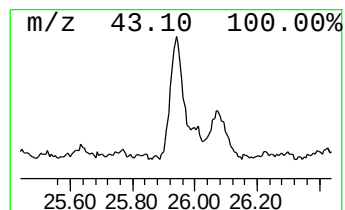
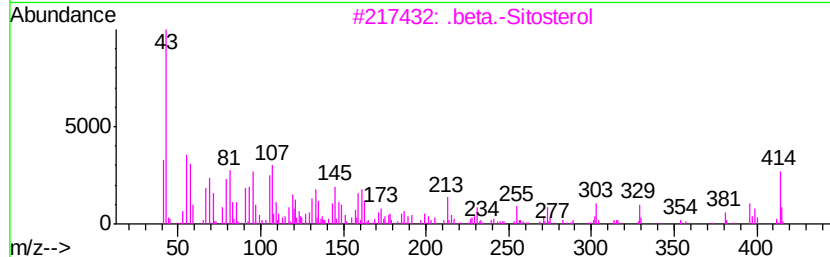
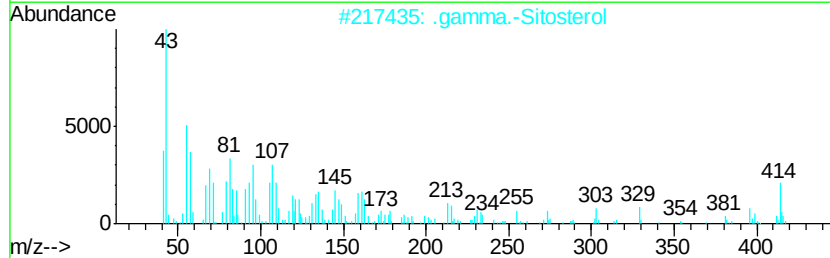
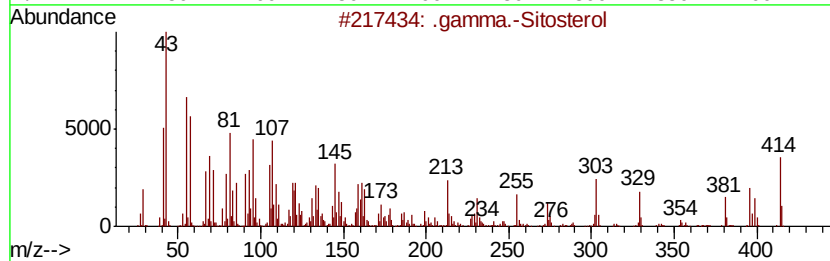
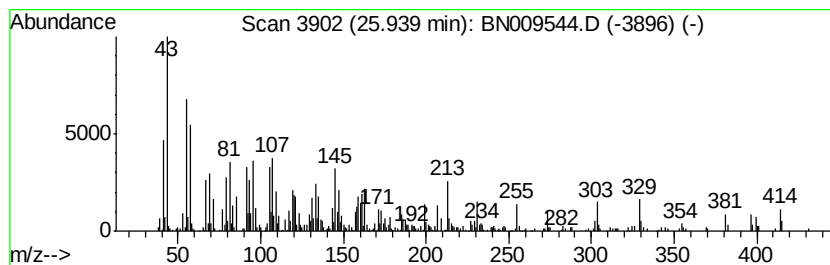
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	10.64 ng/ul	1152890	Perylene-d12	23.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H500	000083-47-6 99
2		.gamma.-Sitosterol	414 C29H500	000083-47-6 86
3		.beta.-Sitosterol	414 C29H500	000083-46-5 70
4		.beta.-Sitosterol	414 C29H500	000083-46-5 41
5		Ergost-7-en-3-ol, (3.beta.)-	400 C28H480	026047-31-4 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009544.D
 Acq On : 04 Feb 2020 00:35
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 Sample : L1342-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
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4H-Cyclopenta[def...	17.90	2.3	ng/ul	260396	4	16.83	2267420	20.0
Phosphonic acid, ...	18.20	2.1	ng/ul	238164	4	16.83	2267420	20.0
(DEL) Alkane: Str...	20.79	6.1	ng/ul	1088360	5	21.04	3586610	20.0
Octacosyl trifluo...	21.66	4.1	ng/ul	743309	5	21.04	3586610	20.0
(DEL) Alkane: Str...	23.68	12.7	ng/ul	1372790	6	23.15	2167850	20.0
(DEL) Alkane: Str...	23.75	4.2	ng/ul	457756	6	23.15	2167850	20.0
.gamma.-Sitosterol	25.94	10.6	ng/ul	1152890	6	23.15	2167850	20.0