

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002659.D
 Acq On : 12 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4792-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z39

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	3.728	122	126	133	rVB	29398	42865	1.20%	0.088%
2	6.846	650	656	670	rBV	355385	638667	17.87%	1.317%
3	7.005	677	683	696	rBV	287384	464425	13.00%	0.958%
4	7.199	710	716	726	rBV	367741	604600	16.92%	1.247%
5	7.658	788	794	802	rBV	637934	1026293	28.72%	2.116%
6	8.369	909	915	926	rBV	290972	509493	14.26%	1.051%
7	8.810	983	990	1002	rBV	355362	604286	16.91%	1.246%
8	9.522	1105	1111	1122	rBV	296356	516956	14.47%	1.066%
9	10.063	1196	1203	1217	rBV	427700	775302	21.70%	1.599%
10	10.428	1258	1265	1271	rBV	991387	1644810	46.03%	3.392%
11	10.475	1271	1273	1283	rVB	112618	170025	4.76%	0.351%
12	10.575	1283	1290	1304	rBV	357652	681993	19.08%	1.406%
13	12.099	1544	1549	1556	rBV	63404	101616	2.84%	0.210%
14	12.322	1581	1587	1595	rVB	40580	66297	1.86%	0.137%
15	13.193	1728	1735	1745	rBV	289422	476020	13.32%	0.982%
16	13.469	1775	1782	1788	rBV4	18068	44688	1.25%	0.092%
17	13.616	1801	1807	1812	rBV2	32816	58368	1.63%	0.120%
18	13.704	1817	1822	1826	rVV	951997	1302992	36.46%	2.687%
19	13.751	1826	1830	1840	rVB	718531	997885	27.92%	2.058%
20	13.981	1863	1869	1881	rBV	1052797	1677900	46.95%	3.460%
21	14.293	1915	1922	1929	rBV2	1505828	2298359	64.31%	4.740%
22	14.357	1929	1933	1941	rVB	73137	108151	3.03%	0.223%
23	14.528	1954	1962	1984	rBV	174456	455694	12.75%	0.940%
24	14.698	1984	1991	1994	rVV	114830	181815	5.09%	0.375%
25	14.728	1994	1996	2001	rVB2	35432	49228	1.38%	0.102%
26	15.292	2083	2092	2097	rBV	1369351	2022436	56.59%	4.171%
27	15.345	2097	2101	2110	rVB	178510	263025	7.36%	0.542%
28	15.428	2110	2115	2126	rBV	352907	568332	15.90%	1.172%
29	15.645	2147	2152	2157	rVB2	36560	57180	1.60%	0.118%
30	15.787	2169	2176	2185	rBV	45735	99327	2.78%	0.205%
31	16.351	2263	2272	2278	rBV4	30921	69899	1.96%	0.144%
32	16.587	2307	2312	2316	rBV3	37724	62942	1.76%	0.130%
33	16.863	2355	2359	2368	rVB	64548	101567	2.84%	0.209%
34	17.045	2383	2390	2393	rBV	1836318	2753770	77.06%	5.679%

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35	17.081	2393	2396	2401	rVV	930873	1312371	36.72%	2.706%
36	17.139	2401	2406	2410	rVV2	1446530	2134905	59.74%	4.403%
37	17.175	2410	2412	2418	rVB	223585	268914	7.52%	0.555%
38	17.245	2418	2424	2428	rBV3	27979	49820	1.39%	0.103%
39	17.451	2450	2459	2465	rBV2	98176	221862	6.21%	0.458%
40	17.551	2472	2476	2483	rBV4	26580	49626	1.39%	0.102%
41	17.722	2502	2505	2509	rVB4	41771	52661	1.47%	0.109%
42	17.916	2532	2538	2541	rBV	106438	169019	4.73%	0.349%
43	17.969	2541	2547	2553	rVV	150407	292943	8.20%	0.604%
44	18.051	2557	2561	2566	rVV	68932	116455	3.26%	0.240%
45	18.116	2566	2572	2576	rVV3	155459	291081	8.15%	0.600%
46	18.151	2576	2578	2587	rVB	75165	98912	2.77%	0.204%
47	18.239	2589	2593	2596	rBV4	26324	43880	1.23%	0.090%
48	18.345	2606	2611	2614	rBV7	53399	86096	2.41%	0.178%
49	18.392	2615	2619	2622	rVV2	109875	150833	4.22%	0.311%
50	18.422	2622	2624	2629	rVB	77149	99266	2.78%	0.205%
51	18.475	2629	2633	2636	rBV5	30952	48221	1.35%	0.099%
52	18.516	2636	2640	2644	rBV2	93709	124572	3.49%	0.257%
53	18.663	2656	2665	2671	rBV	421026	592084	16.57%	1.221%
54	18.722	2671	2675	2679	rBV5	32341	55548	1.55%	0.115%
55	18.792	2685	2687	2691	rVB3	29341	37608	1.05%	0.078%
56	18.857	2692	2698	2702	rBV3	63528	124859	3.49%	0.257%
57	18.939	2709	2712	2716	rVB3	38987	53582	1.50%	0.110%
58	19.104	2736	2740	2746	rBV	752152	1029599	28.81%	2.123%
59	19.163	2746	2750	2755	rVB	212957	293183	8.20%	0.605%
60	19.257	2762	2766	2770	rBV2	56182	72962	2.04%	0.150%
61	19.445	2791	2798	2801	rBV	1907037	2966559	83.01%	6.118%
62	19.551	2812	2816	2822	rVB2	76775	130060	3.64%	0.268%
63	19.639	2827	2831	2839	rBV3	99195	232792	6.51%	0.480%
64	19.798	2855	2858	2865	rVB4	41976	94413	2.64%	0.195%
65	19.892	2870	2874	2877	rBV	99727	120685	3.38%	0.249%
66	19.975	2884	2888	2891	rBV	94543	105033	2.94%	0.217%
67	20.075	2901	2905	2908	rBV2	88072	112449	3.15%	0.232%
68	20.269	2936	2938	2942	rBV2	45888	56098	1.57%	0.116%
69	20.380	2954	2957	2962	rVB	137819	179332	5.02%	0.370%
70	20.498	2974	2977	2980	rBV	62926	64588	1.81%	0.133%
71	20.927	3047	3050	3053	rVB	64178	65793	1.84%	0.136%

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72	20.963	3053	3056	3062	rBV4	130063	176346	4.93%	0.364%
73	21.104	3078	3080	3084	rBV4	51223	69267	1.94%	0.143%
74	21.245	3097	3104	3108	rBV2	2400501	3573629	100.00%	7.369%
75	21.280	3108	3110	3120	rVB	320423	370285	10.36%	0.764%
76	21.398	3127	3130	3137	rVB	225117	271554	7.60%	0.560%
77	21.833	3200	3204	3213	rVB2	198292	278097	7.78%	0.573%
78	22.286	3277	3281	3290	rVB	308938	438468	12.27%	0.904%
79	22.416	3300	3303	3314	rVB2	131149	208379	5.83%	0.430%
80	22.792	3362	3367	3374	rBV2	450541	991773	27.75%	2.045%
81	23.269	3444	3448	3451	rBV	172308	277699	7.77%	0.573%
82	23.321	3451	3457	3470	rVB2	1144716	2965602	82.99%	6.116%
83	23.463	3474	3481	3487	rBV	1331491	2475018	69.26%	5.104%
84	23.974	3563	3568	3577	rVB	222969	427168	11.95%	0.881%
85	24.698	3686	3691	3698	rBV2	154847	324528	9.08%	0.669%
86	25.674	3852	3857	3866	rVB	152397	409585	11.46%	0.845%
87	26.815	4045	4051	4063	rVB3	194996	560622	15.69%	1.156%
88	27.327	4129	4138	4141	rBV3	416472	1178601	32.98%	2.430%

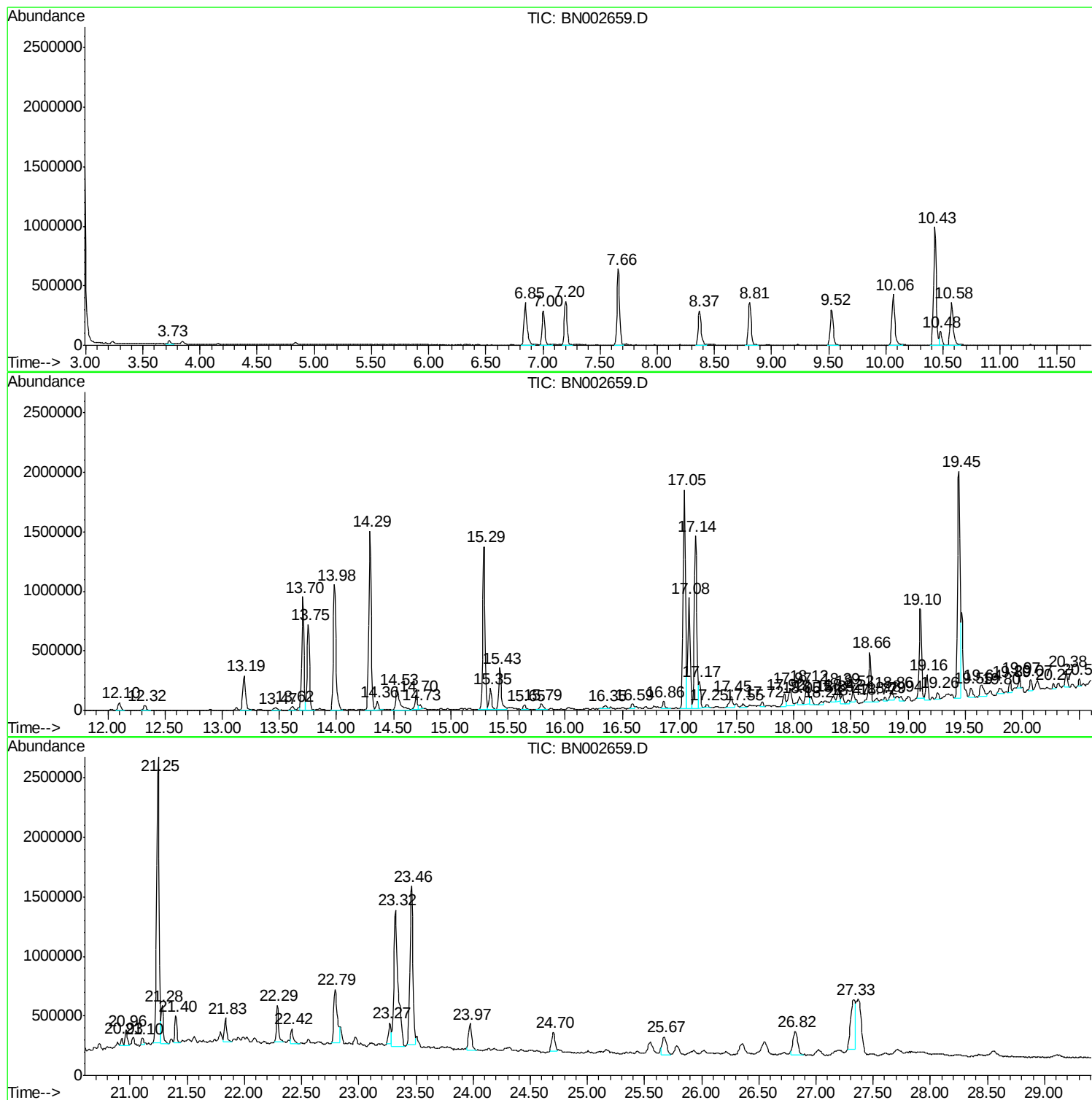
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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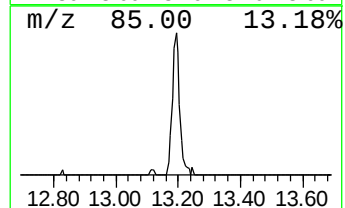
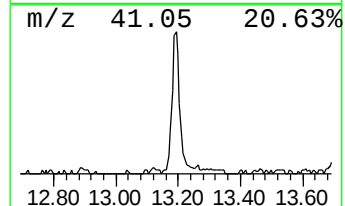
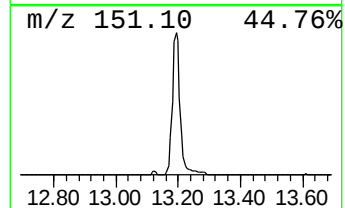
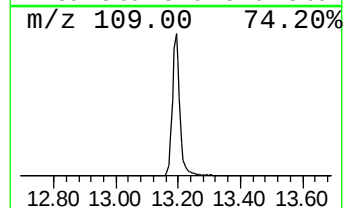
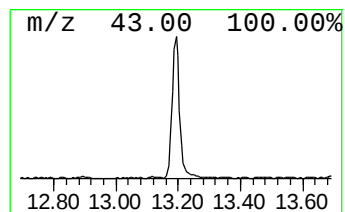
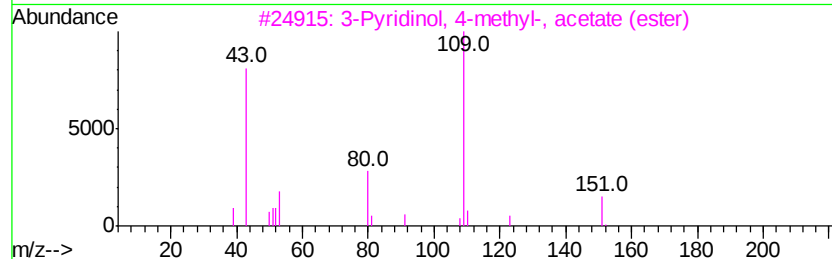
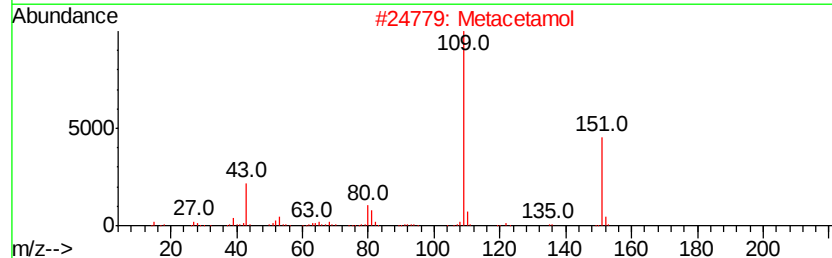
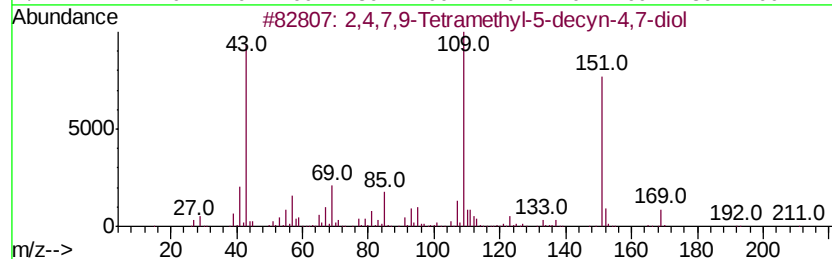
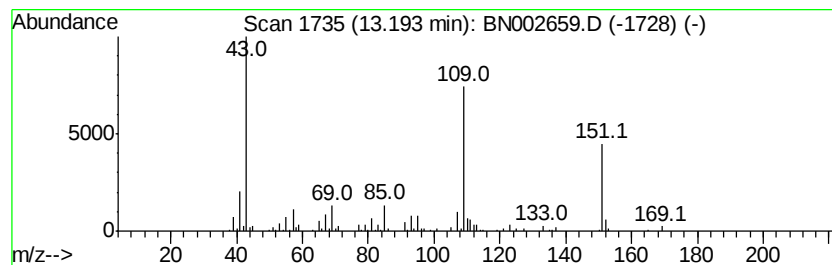
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.14 ng/ul	476020	Acenaphthene-d10	14.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91		
2	Metacetamol	151	C8H9NO2	000621-42-1	59		
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59		
4	Acetaminophen	151	C8H9NO2	000103-90-2	59		
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47		



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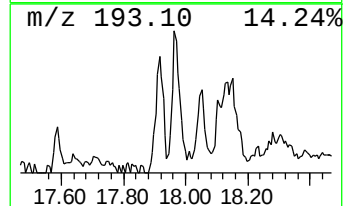
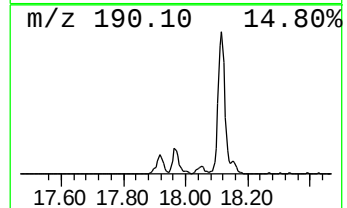
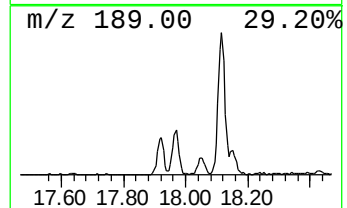
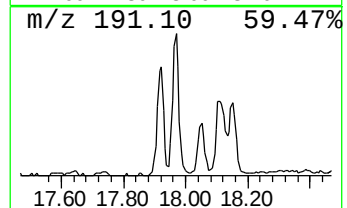
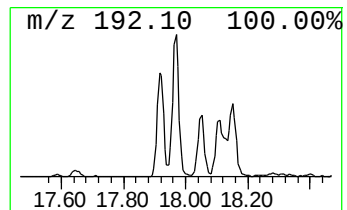
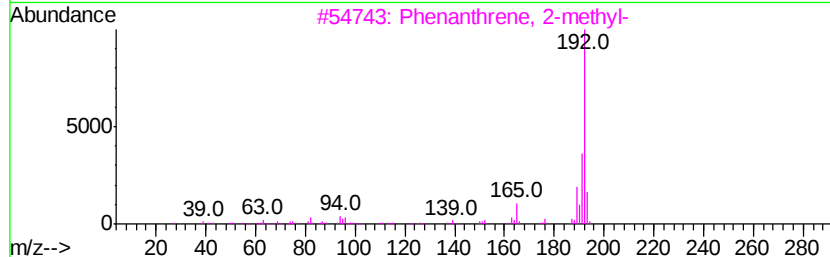
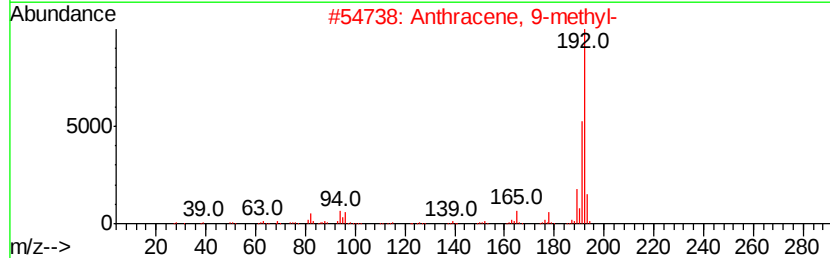
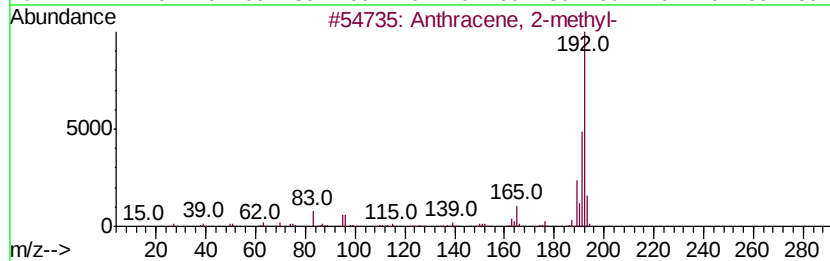
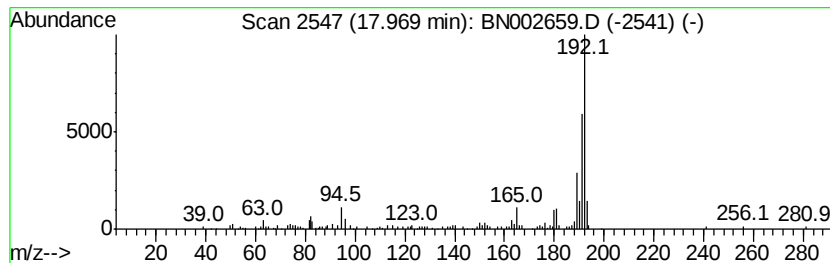
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.13 ng/ul	292943	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



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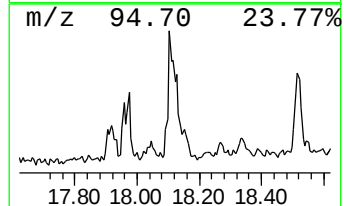
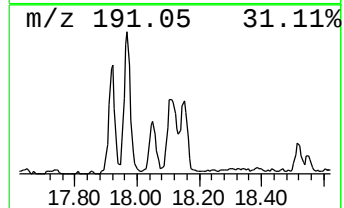
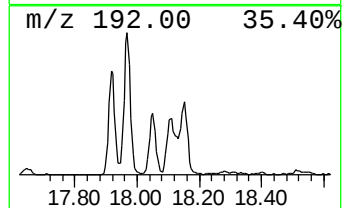
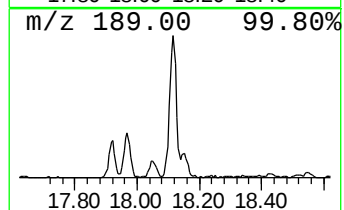
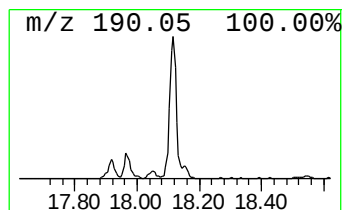
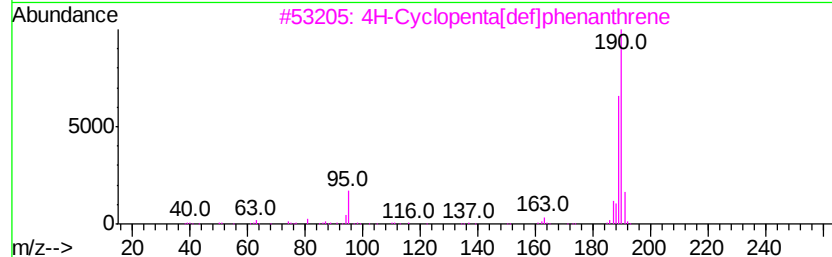
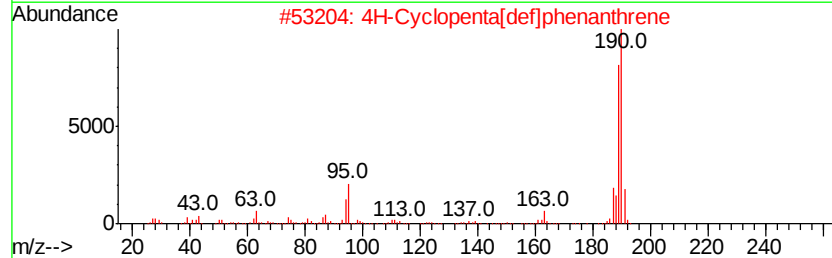
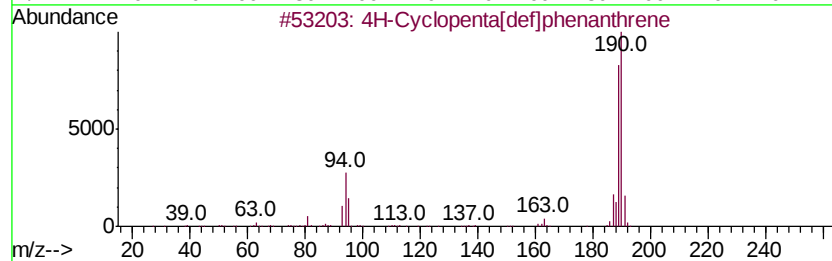
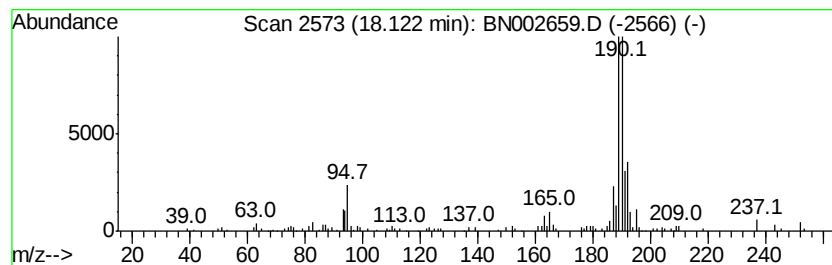
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.11 ng/ul	291081	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47



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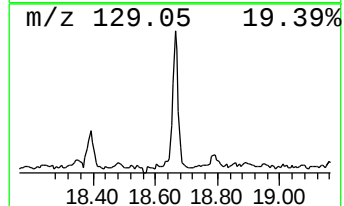
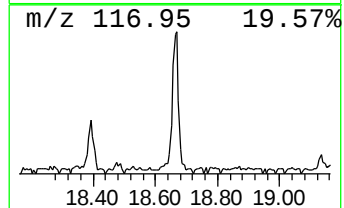
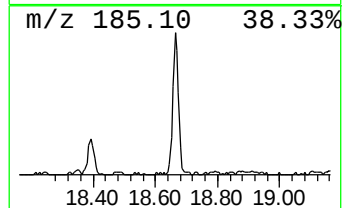
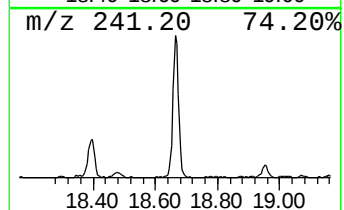
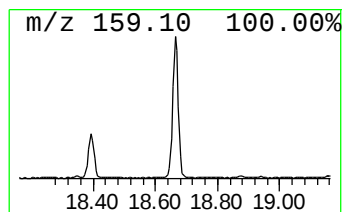
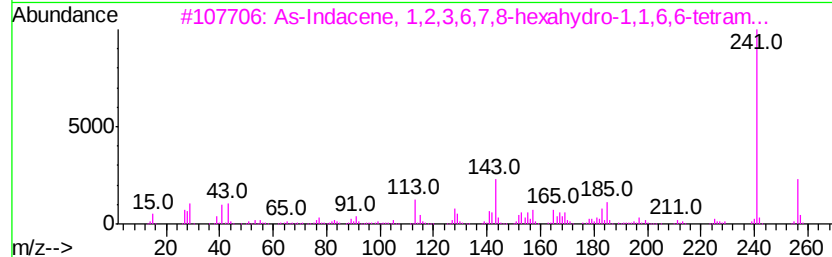
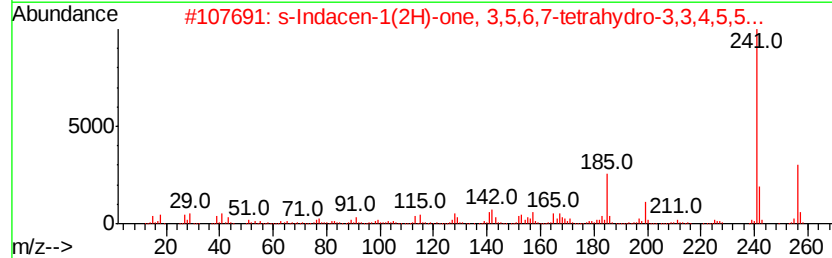
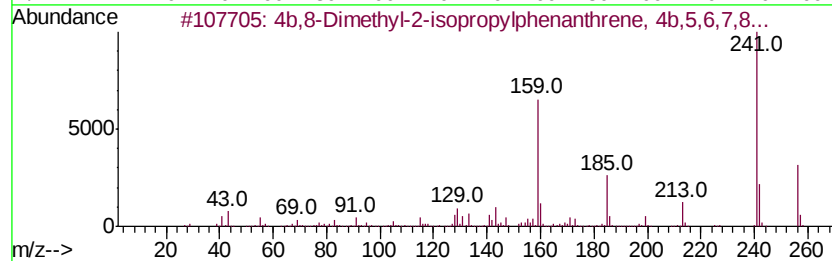
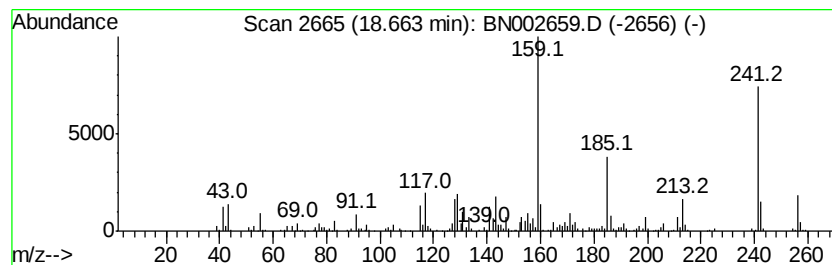
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	4.30 ng/ul	592084	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	86
3		As-Indacene, 1,2,3,6,7,8-hexahvd...	256	C19H28	017465-47-3	47
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	30
5		Bisphenol C	256	C17H20O2	000079-97-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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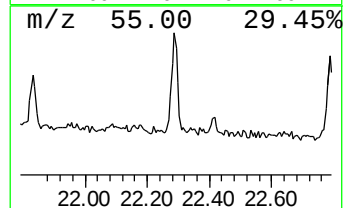
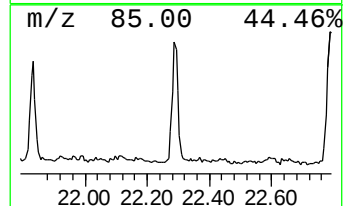
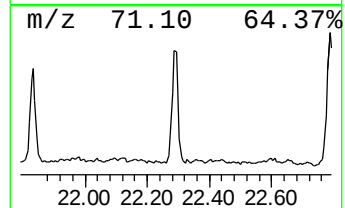
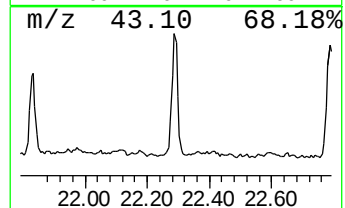
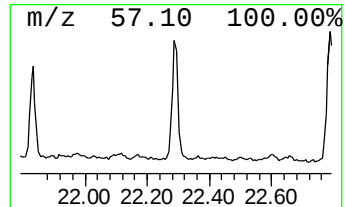
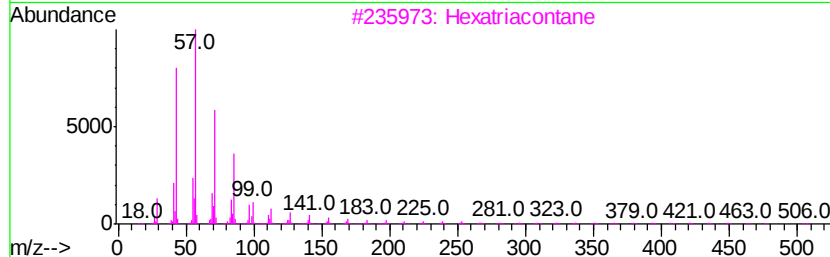
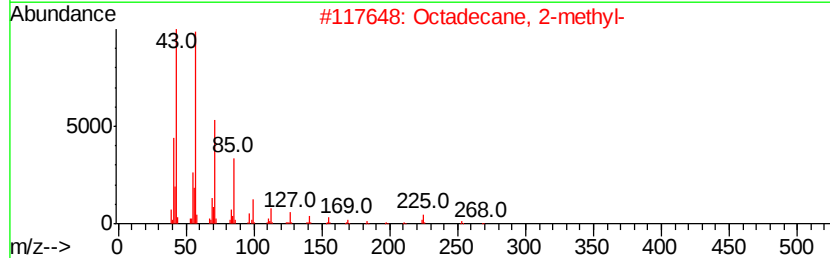
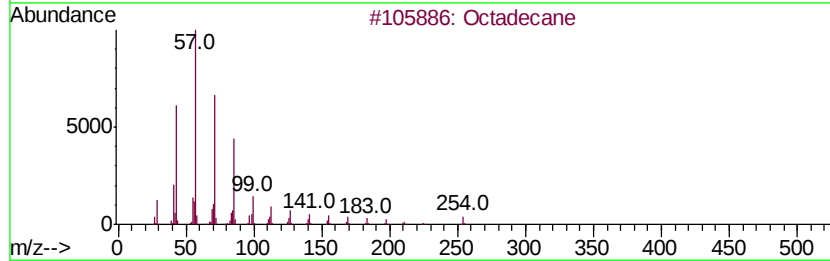
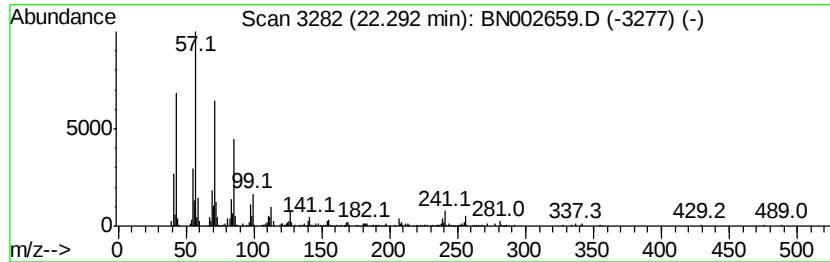
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.45 ng/ul	438468	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Hexatriacontane	507	C36H74	000630-06-8	76
4		Hexacosane	366	C26H54	000630-01-3	76
5		2-methyloctacosane	408	C29H60	1000376-72-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
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ClientSampleId :
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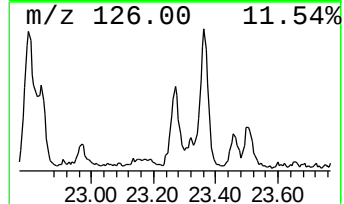
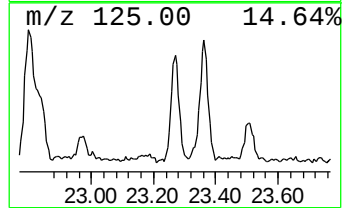
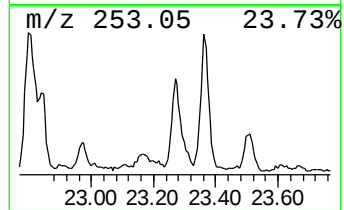
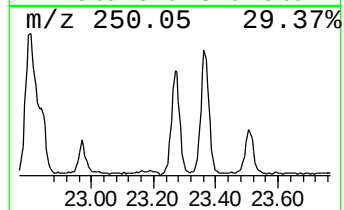
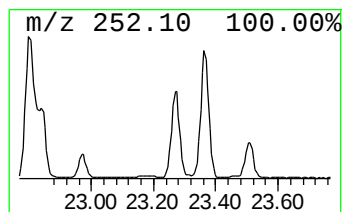
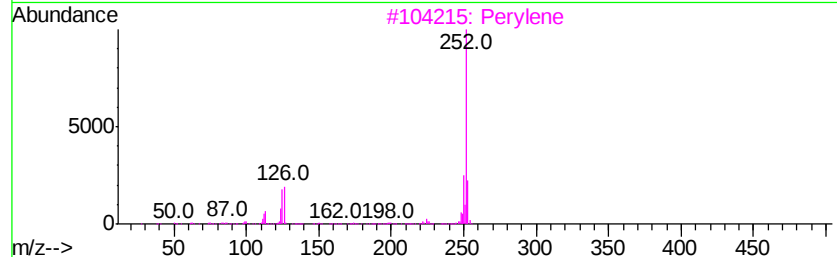
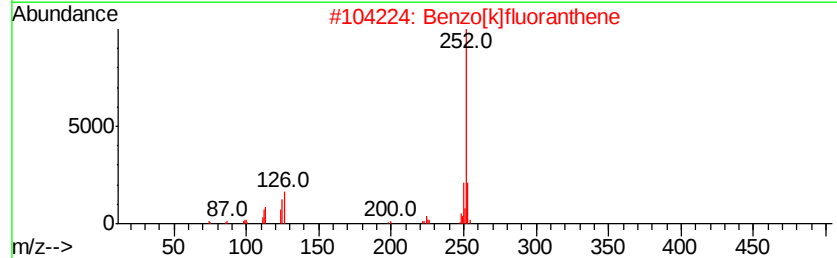
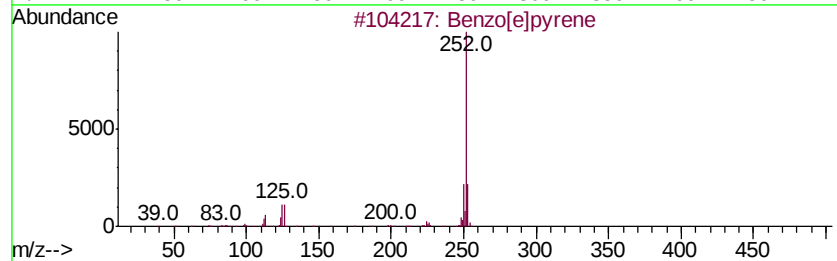
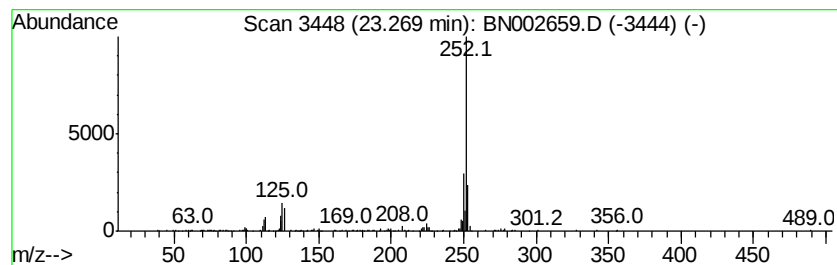
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	2.24 ng/ul	277699	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	94
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
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Instrument :
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ClientSampleId :
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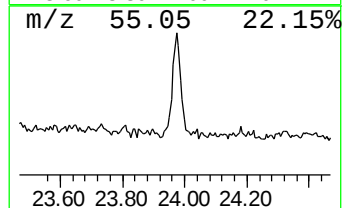
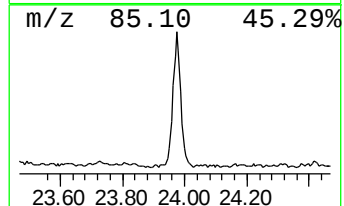
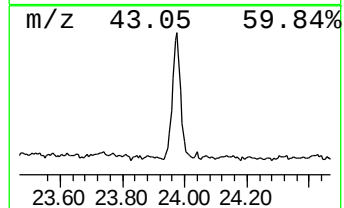
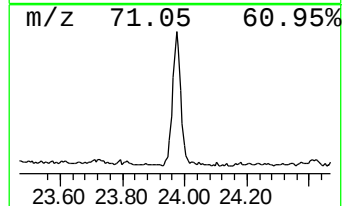
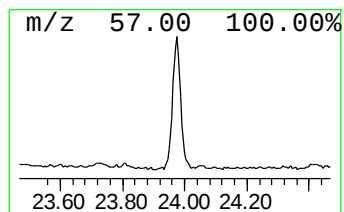
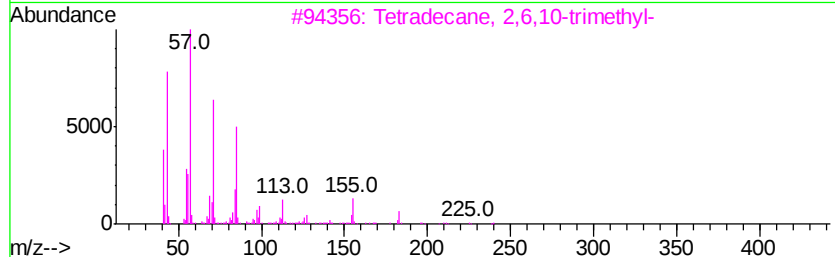
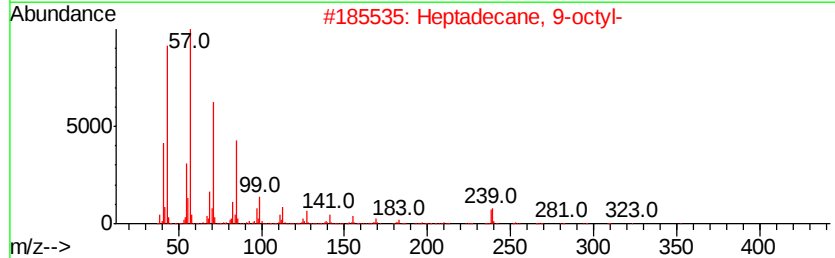
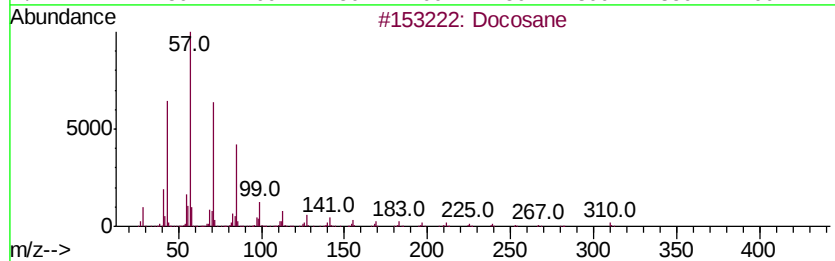
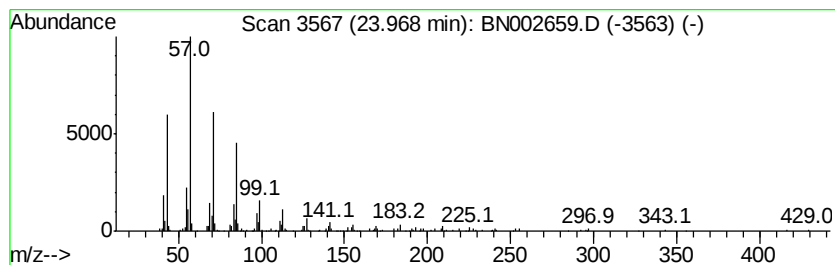
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.45 ng/ul	427168	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
4		Heneicosane	296	C21H44	000629-94-7	81
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
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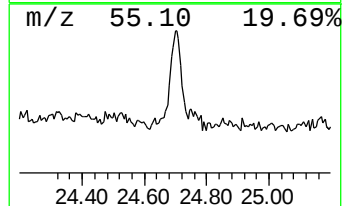
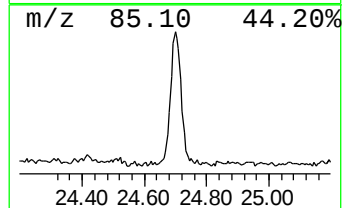
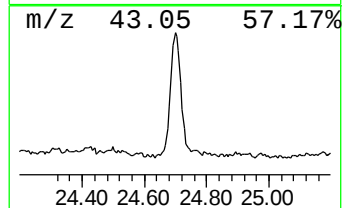
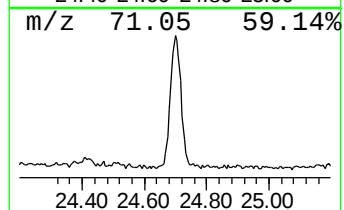
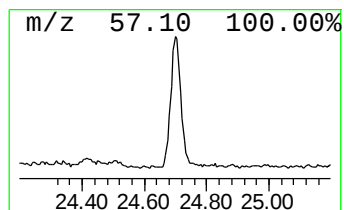
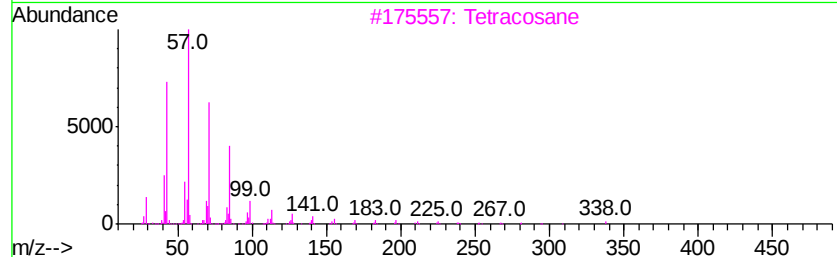
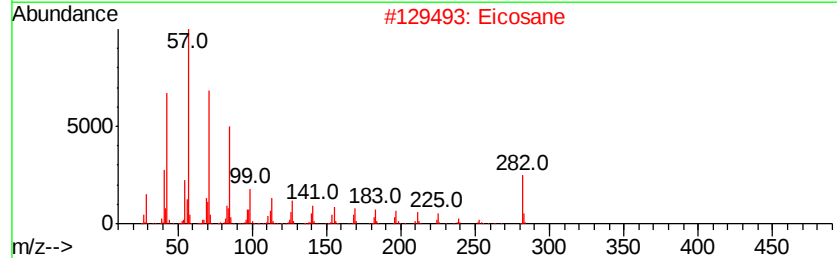
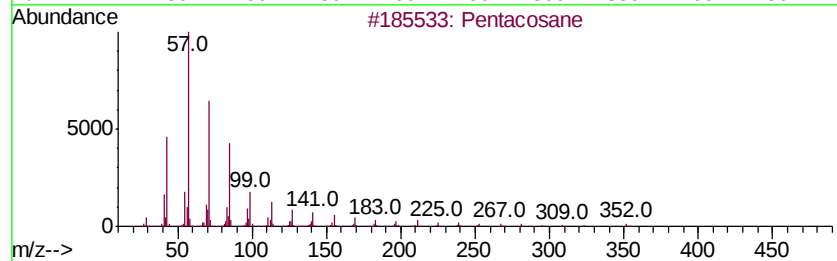
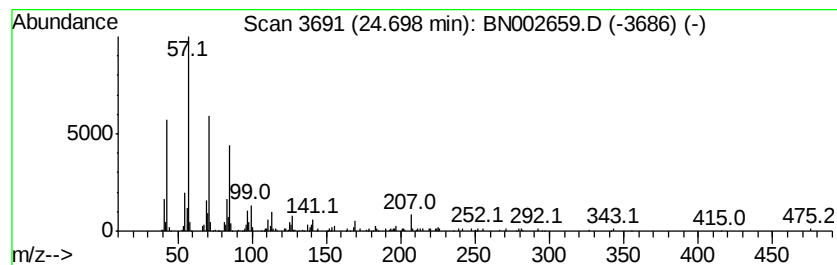
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.62 ng/ul	324528	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Octacosane	394	C28H58	000630-02-4	90



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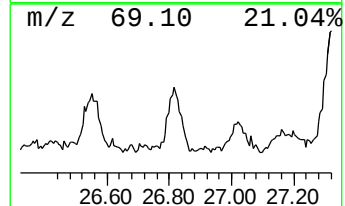
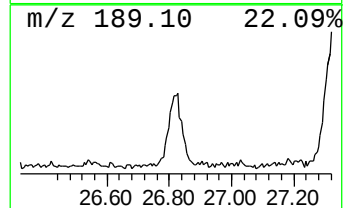
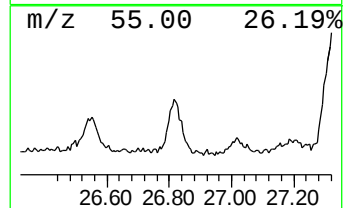
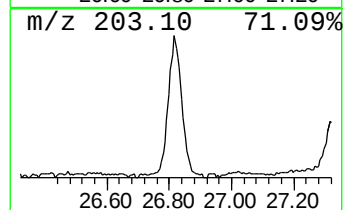
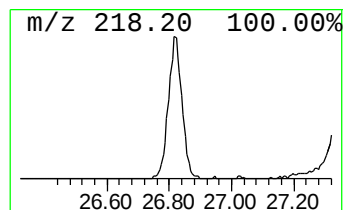
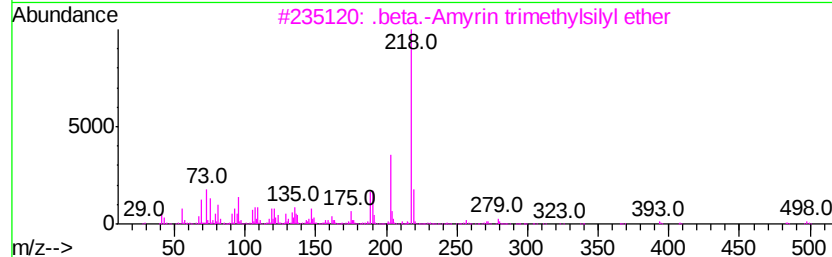
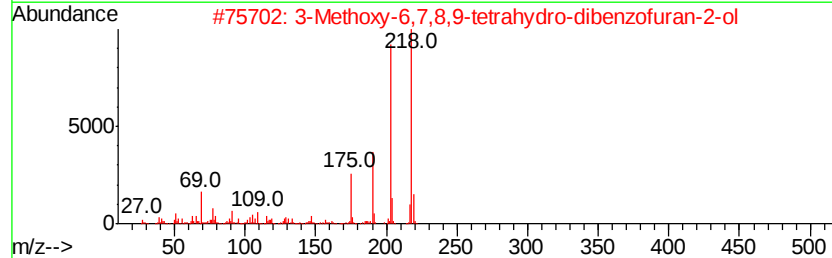
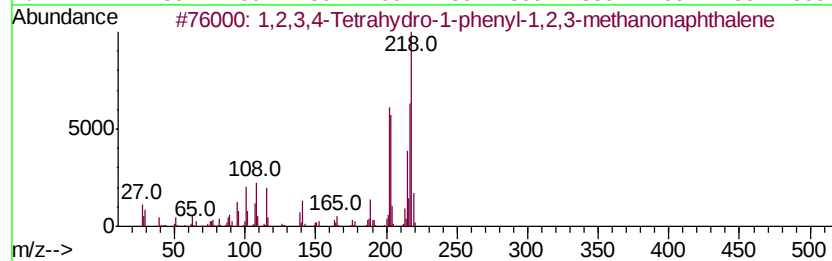
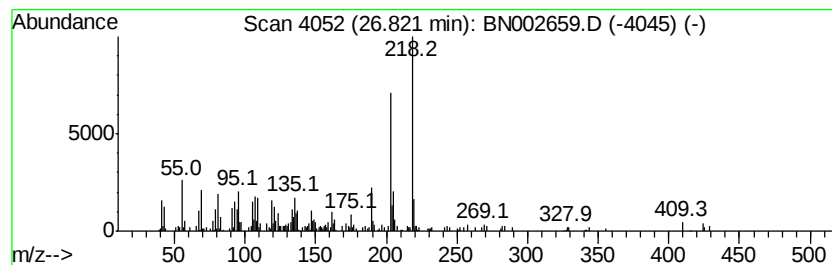
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.82	4.53 ng/ul	560622	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218 C17H14	138089-69-7	64
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218 C13H14O3	1000186-57-9	58
3	.beta.-Amyrin trimethylsilyl ether	498 C33H58OSi	001721-67-1	49
4	.alpha.-Amyrin, trimethylsilyl e...	498 C33H58OSi	1000374-76-6	43
5	Benzo[b]naphtho[2,3-d]furan	218 C16H10O	000243-42-5	42



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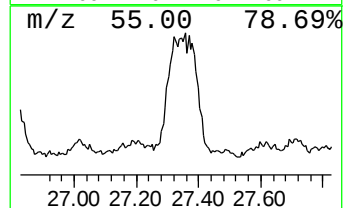
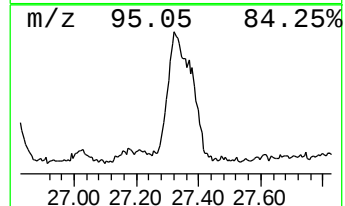
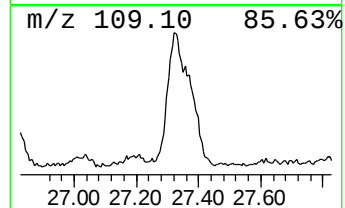
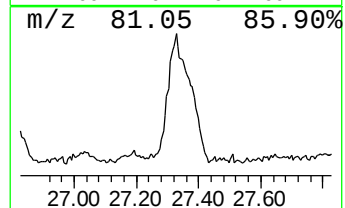
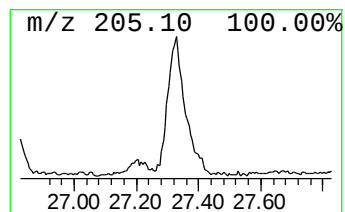
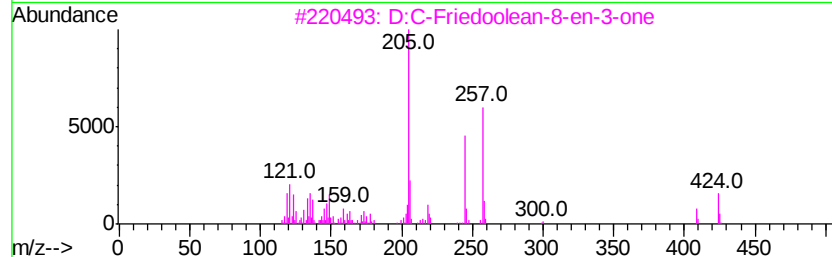
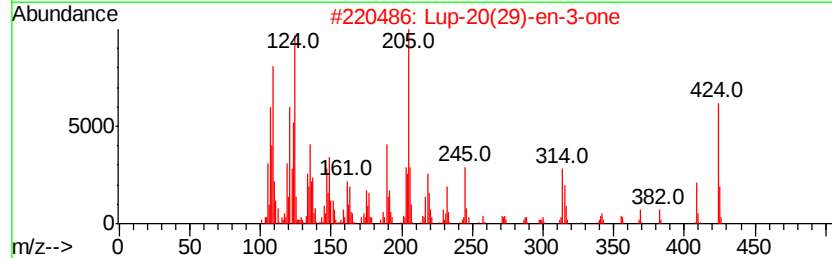
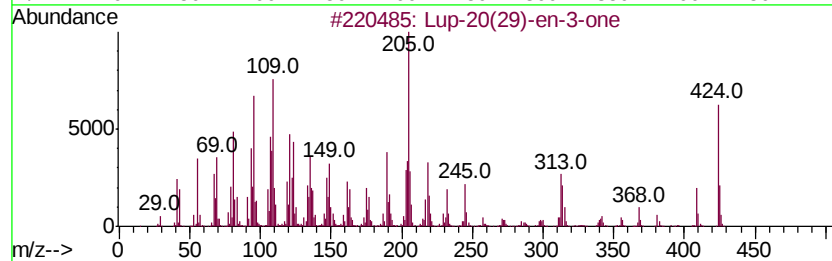
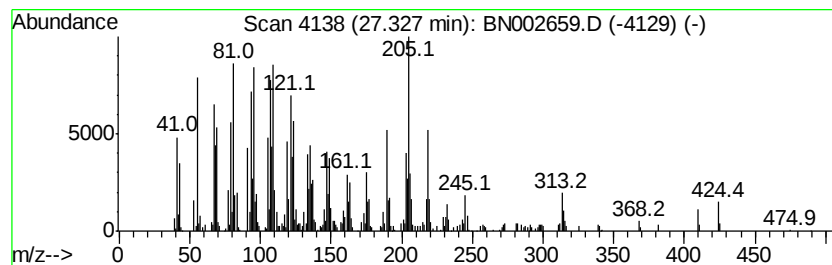
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.33	9.52 ng/ul	1178600	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	98
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	91
3		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	64
4		4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	64
5		Guaia-9,11-diene	204	C15H24	1000374-19-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z39

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
2,4,7,9-Tetrameth...	13.19	4.1	ng/ul	476020	3	14.29	2298360	20.0
Anthracene, 2-met...	17.97	2.1	ng/ul	292943	4	17.05	2753770	20.0
4H-Cyclopenta[def...	18.12	2.1	ng/ul	291081	4	17.05	2753770	20.0
4b,8-Dimethyl-2-i...	18.66	4.3	ng/ul	592084	4	17.05	2753770	20.0
(DEL) Alkane: Str...	22.29	2.5	ng/ul	438468	5	21.25	3573630	20.0
Benzo[e]pyrene	23.27	2.2	ng/ul	277699	6	23.46	2475020	20.0
(DEL) Alkane: Str...	23.97	3.5	ng/ul	427168	6	23.46	2475020	20.0
(DEL) Alkane: Str...	24.70	2.6	ng/ul	324528	6	23.46	2475020	20.0
1,2,3,4-Tetrahydr...	26.82	4.5	ng/ul	560622	6	23.46	2475020	20.0
Lup-20(29)-en-3-one	27.33	9.5	ng/ul	1178600	6	23.46	2475020	20.0