

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024750.D
 Acq On : 07 Feb 2020 07:04
 Operator : CG/JU
 Sample : L1398-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6S9

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_M\METHODS\SOM-EPA-BM020620MA.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	3.710	136	140	148	rVV	136552	174708	2.25%	0.149%
2	3.934	174	178	187	rBV	98510	144072	1.86%	0.123%
3	4.328	238	245	252	rBV	76936	118467	1.53%	0.101%
4	6.604	626	632	646	rVB	744073	1199073	15.45%	1.022%
5	6.757	652	658	674	rVB	608104	954529	12.30%	0.813%
6	6.946	683	690	700	rBV	832560	1329973	17.14%	1.133%
7	7.410	758	769	779	rBV	989375	1617607	20.84%	1.378%
8	8.122	882	890	900	rVV	1000889	1576258	20.31%	1.343%
9	8.545	951	962	975	rBV	763926	1257495	16.20%	1.072%
10	8.740	990	995	1000	rBV	69717	109992	1.42%	0.094%
11	9.040	1037	1046	1056	rBV	112553	179545	2.31%	0.153%
12	9.263	1075	1084	1093	rBV	672455	1104347	14.23%	0.941%
13	9.798	1168	1175	1185	rVV	1124333	1840147	23.71%	1.568%
14	10.163	1230	1237	1243	rBV	1399318	2320468	29.90%	1.977%
15	10.210	1243	1245	1253	rVB	92889	140175	1.81%	0.119%
16	10.304	1255	1261	1277	rBV	901078	1642175	21.16%	1.399%
17	11.839	1516	1522	1534	rVB2	64818	115292	1.49%	0.098%
18	12.069	1556	1561	1566	rVB	43740	66562	0.86%	0.057%
19	13.380	1779	1784	1789	rVV2	53658	94792	1.22%	0.081%
20	13.486	1796	1802	1807	rVV	2203823	3033487	39.09%	2.585%
21	13.533	1807	1810	1814	rVV	92606	129193	1.66%	0.110%
22	13.622	1816	1825	1834	rVB3	34135	98584	1.27%	0.084%
23	13.745	1839	1846	1861	rVB	2489813	3800638	48.97%	3.239%
24	14.063	1894	1900	1906	rVV	2362823	3444173	44.38%	2.935%
25	14.122	1906	1910	1916	rVV	135514	208062	2.68%	0.177%
26	14.280	1932	1937	1949	rBV	680294	1226062	15.80%	1.045%
27	14.469	1963	1969	1979	rVV2	101254	216457	2.79%	0.184%
28	14.869	2028	2037	2040	rBV3	33286	64613	0.83%	0.055%
29	15.063	2064	2070	2076	rBV	3422869	4683779	60.35%	3.991%
30	15.116	2076	2079	2085	rVB	156636	226545	2.92%	0.193%
31	15.192	2085	2092	2099	rBV	986604	1380190	17.78%	1.176%
32	15.304	2105	2111	2114	rBV3	35506	65323	0.84%	0.056%
33	15.421	2127	2131	2142	rVB	63991	116866	1.51%	0.100%
34	15.569	2148	2156	2163	rVB4	57389	134523	1.73%	0.115%

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35	15.798	2190	2195	2199	rBV5	27390	63259	0.82%	0.054%
36	16.127	2243	2251	2257	rBV6	38292	100935	1.30%	0.086%
37	16.363	2283	2291	2295	rBV4	49204	100344	1.29%	0.086%
38	16.404	2295	2298	2301	rVV4	48048	74093	0.95%	0.063%
39	16.474	2305	2310	2319	rVV2	90352	179804	2.32%	0.153%
40	16.563	2320	2325	2331	rVV4	61169	140443	1.81%	0.120%
41	16.633	2333	2337	2342	rVV	133936	204195	2.63%	0.174%
42	16.815	2357	2368	2372	rBV	2969484	4271118	55.03%	3.640%
43	16.857	2372	2375	2380	rVB	2009175	2442563	31.47%	2.081%
44	16.915	2380	2385	2389	rBV	3516936	4939138	63.64%	4.209%
45	17.015	2398	2402	2407	rBV3	40596	68795	0.89%	0.059%
46	17.221	2433	2437	2443	rBV	151657	245175	3.16%	0.209%
47	17.398	2464	2467	2471	rVB2	61846	77232	1.00%	0.066%
48	17.545	2488	2492	2496	rVB2	39481	65603	0.85%	0.056%
49	17.692	2512	2517	2521	rVV	292620	424970	5.48%	0.362%
50	17.739	2521	2525	2534	rVB	436358	612332	7.89%	0.522%
51	17.821	2534	2539	2544	rBV2	154564	224425	2.89%	0.191%
52	17.880	2544	2549	2554	rVV2	443845	761570	9.81%	0.649%
53	17.921	2554	2556	2561	rVB	221925	259843	3.35%	0.221%
54	18.204	2599	2604	2607	rVV	246566	352837	4.55%	0.301%
55	18.239	2607	2610	2616	rVB3	78438	122138	1.57%	0.104%
56	18.457	2643	2647	2652	rVV2	105038	175373	2.26%	0.149%
57	18.504	2652	2655	2658	rVV	97625	129542	1.67%	0.110%
58	18.545	2658	2662	2666	rVB2	87470	129585	1.67%	0.110%
59	18.627	2671	2676	2681	rBV	233534	369214	4.76%	0.315%
60	18.686	2681	2686	2689	rBV2	97688	186543	2.40%	0.159%
61	18.762	2695	2699	2707	rVB3	168900	316960	4.08%	0.270%
62	18.886	2715	2720	2726	rVB	3902081	4990750	64.31%	4.253%
63	18.962	2730	2733	2736	rBV	72576	95171	1.23%	0.081%
64	19.039	2743	2746	2749	rVB	52099	62896	0.81%	0.054%
65	19.127	2759	2761	2767	rVB2	81458	122011	1.57%	0.104%
66	19.221	2772	2777	2780	rVV	5245916	7533112	97.06%	6.419%
67	19.251	2780	2782	2787	rVV	3308637	3585880	46.20%	3.056%
68	19.292	2787	2789	2792	rVV2	126992	141865	1.83%	0.121%
69	19.327	2792	2795	2803	rVB2	158229	314315	4.05%	0.268%
70	19.439	2810	2814	2817	rBV	195516	256674	3.31%	0.219%
71	19.592	2833	2840	2845	rBV2	262199	636874	8.21%	0.543%

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72	19.721	2858	2862	2865	rBV3	217152	379904	4.90%	0.324%
73	19.756	2865	2868	2872	rVB	470136	602214	7.76%	0.513%
74	19.833	2878	2881	2882	rBV2	115921	107965	1.39%	0.092%
75	19.856	2882	2885	2889	rVB	274134	336529	4.34%	0.287%
76	19.915	2890	2895	2899	rBV2	394934	618886	7.97%	0.527%
77	20.056	2915	2919	2923	rBV	201763	244989	3.16%	0.209%
78	20.098	2923	2926	2933	rBV2	202068	316456	4.08%	0.270%
79	20.509	2992	2996	3003	rVB	312487	483165	6.23%	0.412%
80	20.715	3028	3031	3033	rBV	263402	267068	3.44%	0.228%
81	20.745	3033	3036	3039	rVV	207008	221718	2.86%	0.189%
82	20.786	3039	3043	3054	rVB3	1226706	2068253	26.65%	1.762%
83	21.027	3078	3084	3088	rBV2	4380243	7760937	100.00%	6.613%
84	21.062	3088	3090	3098	rVB	1847043	2319814	29.89%	1.977%
85	21.180	3107	3110	3115	rBV	229863	305489	3.94%	0.260%
86	21.233	3117	3119	3125	rVB5	263404	354156	4.56%	0.302%
87	21.662	3188	3192	3198	rBV4	674567	1124316	14.49%	0.958%
88	22.303	3297	3301	3309	rVB	927281	1238415	15.96%	1.055%
89	22.521	3333	3338	3342	rBV	1745316	3464470	44.64%	2.952%
90	22.562	3342	3345	3349	rVV2	1381888	2290655	29.52%	1.952%
91	22.603	3349	3352	3360	rVB2	1809152	2725063	35.11%	2.322%
92	22.962	3408	3413	3416	rBV	833193	1403904	18.09%	1.196%
93	23.003	3416	3420	3425	rVV	3322039	5658057	72.90%	4.821%
94	23.044	3425	3427	3432	rVB	1243666	1621425	20.89%	1.382%
95	23.092	3433	3435	3438	rBV	288333	365806	4.71%	0.312%
96	23.139	3438	3443	3448	rVB	2395492	3922019	50.54%	3.342%
97	23.374	3481	3483	3490	rVB2	417974	602939	7.77%	0.514%
98	23.692	3532	3537	3543	rVB	1081534	1793435	23.11%	1.528%
99	23.762	3544	3549	3557	rVV	837290	1578366	20.34%	1.345%
100	25.186	3783	3791	3802	rVB3	1219917	3585759	46.20%	3.056%

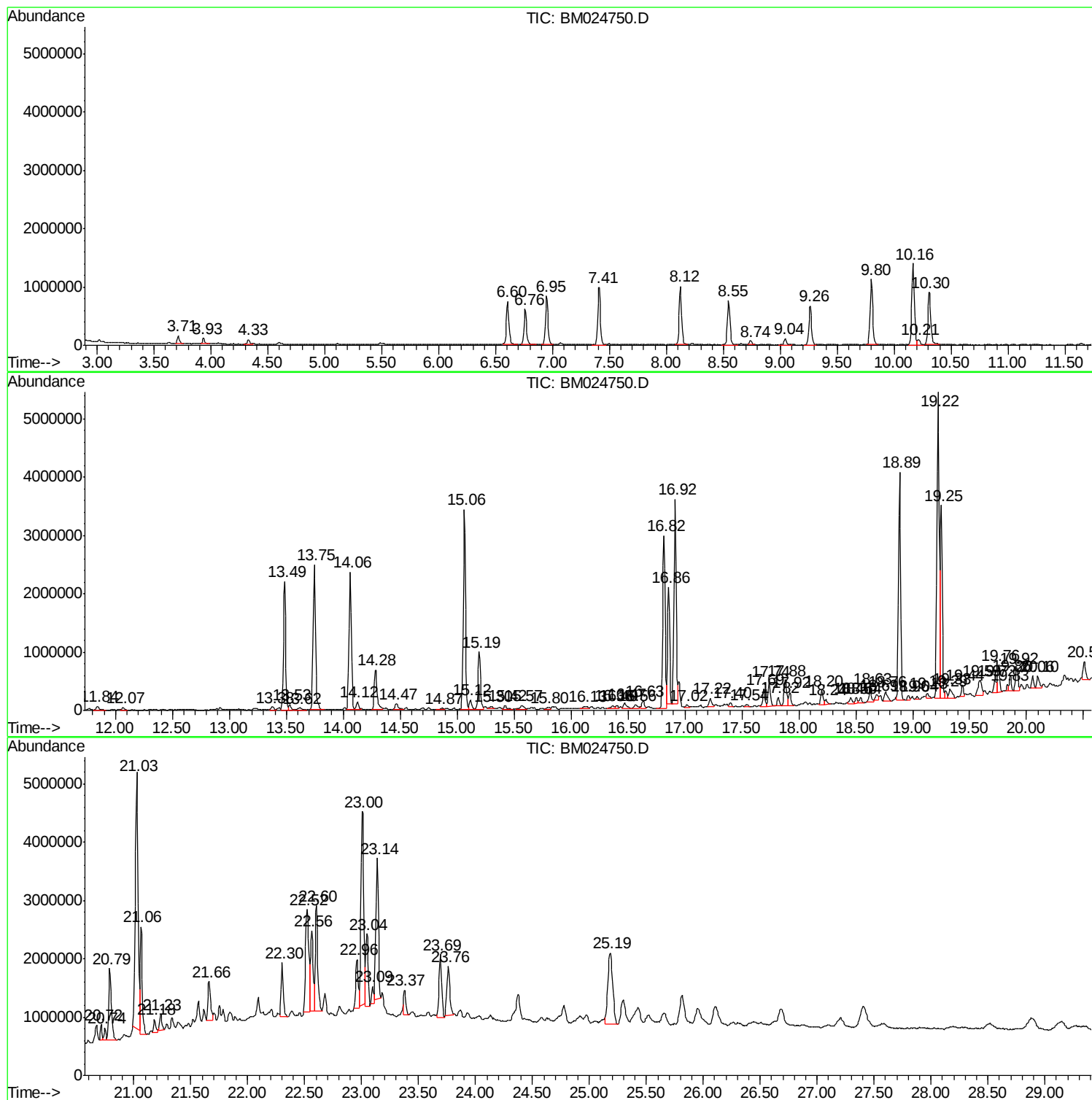
Sum of corrected areas: 117353921

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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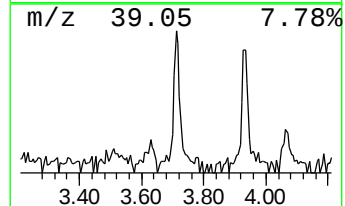
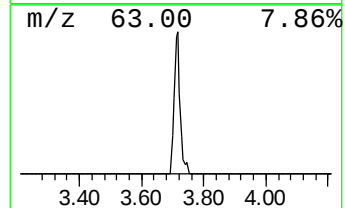
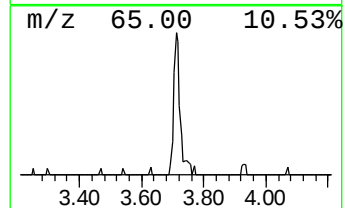
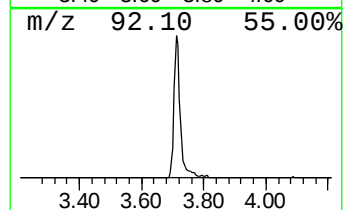
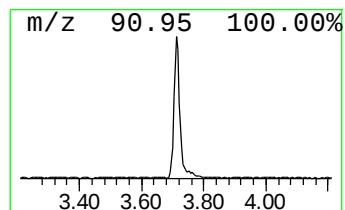
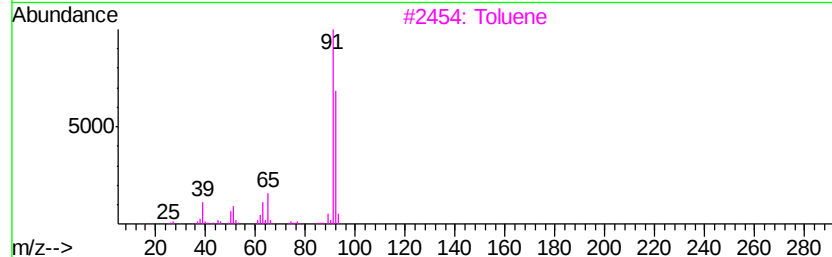
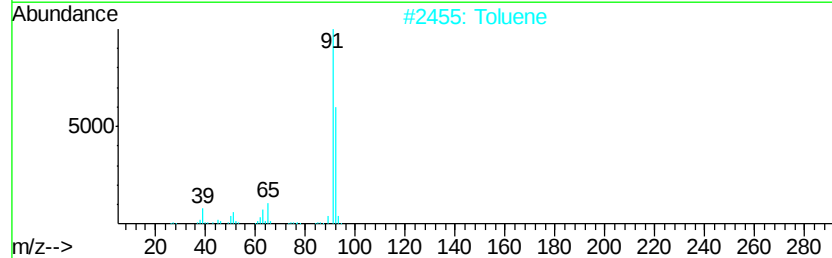
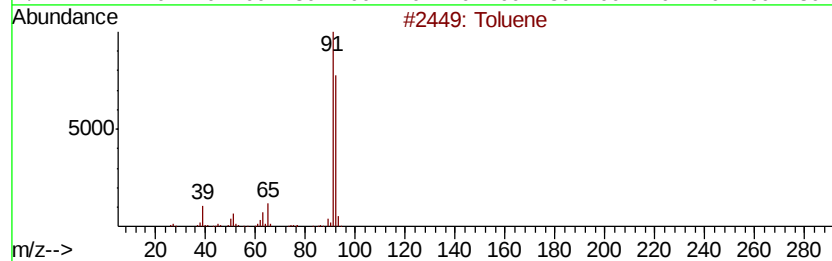
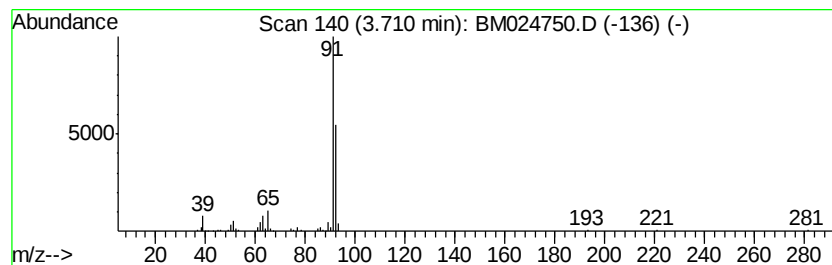
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.16 ng/ul	174708	1,4-Dichlorobenzene-d4	7.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	94
2		Toluene	92	C7H8	000108-88-3	90
3		Toluene	92	C7H8	000108-88-3	90
4		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87



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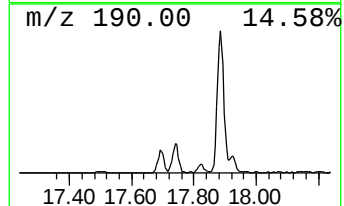
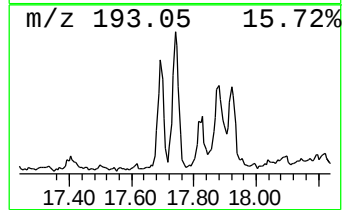
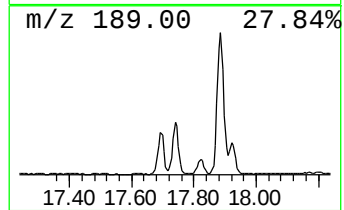
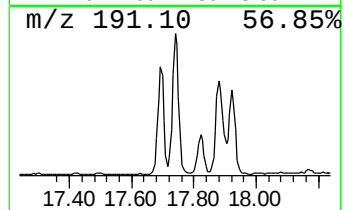
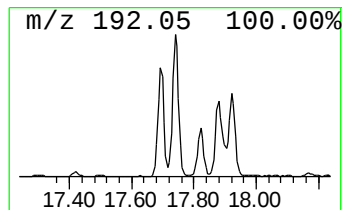
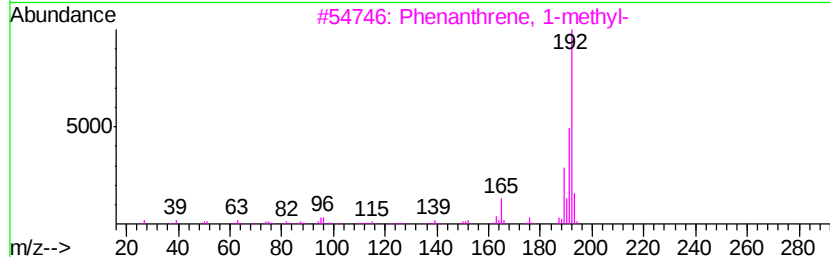
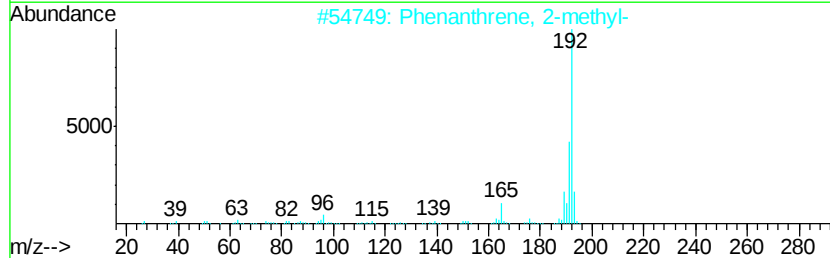
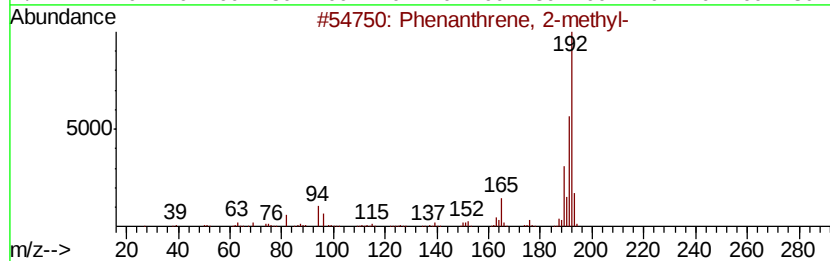
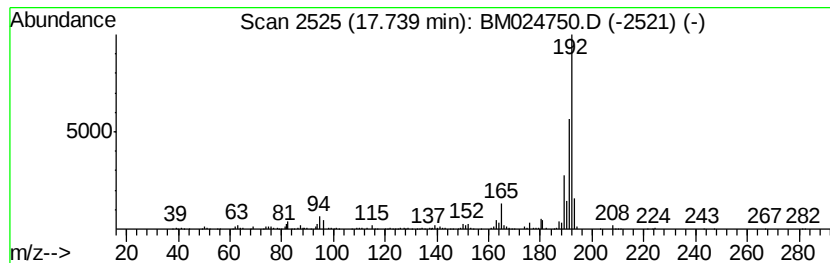
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Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.87 ng/ul	612332	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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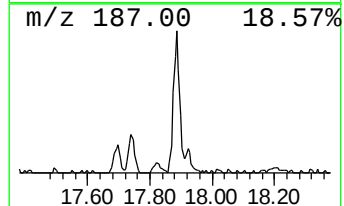
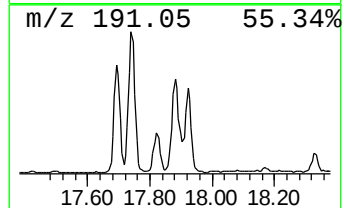
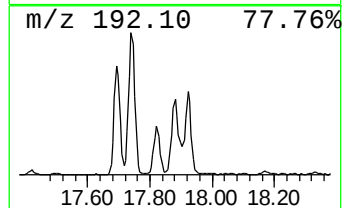
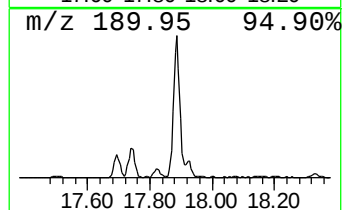
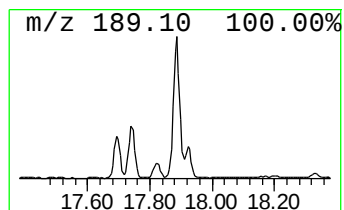
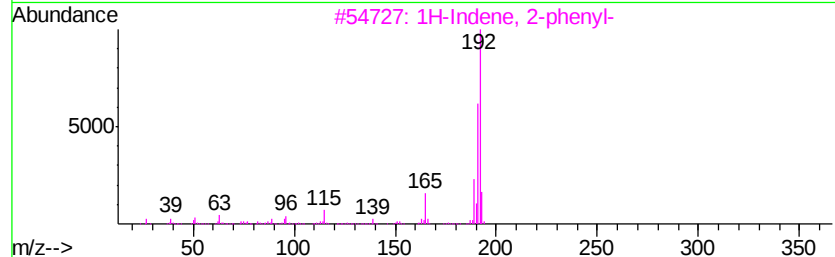
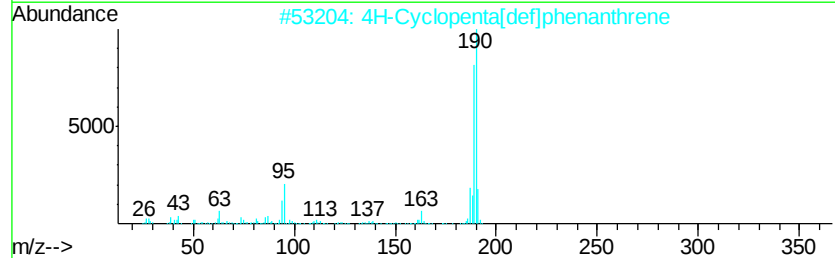
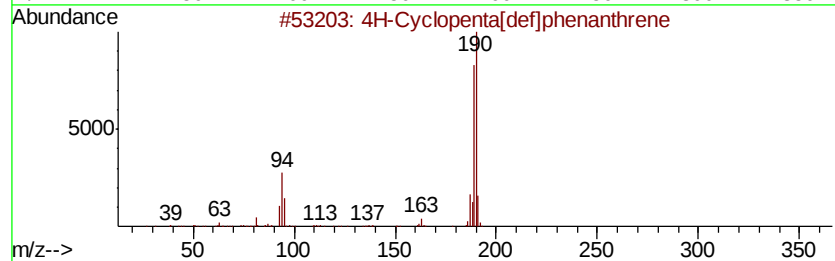
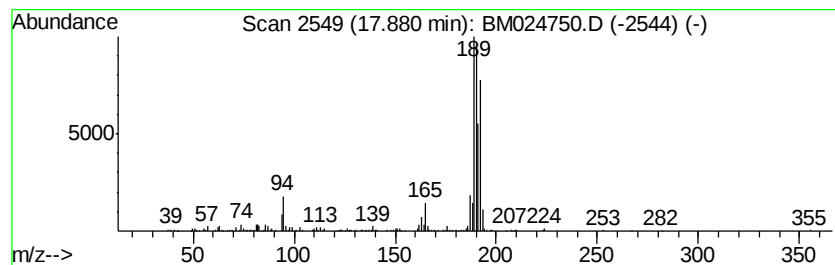
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.57 ng/ul	761570	Phenanthrene-d10	16.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

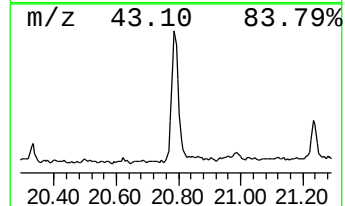
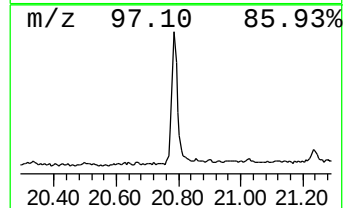
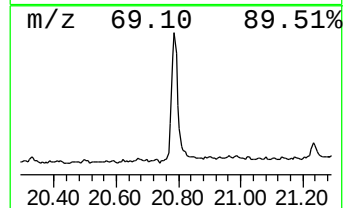
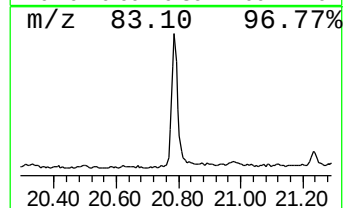
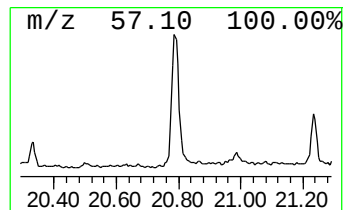
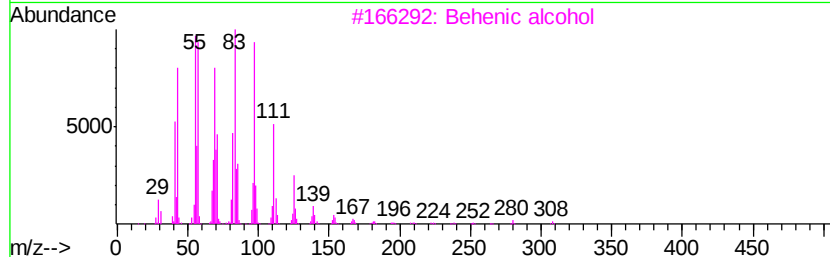
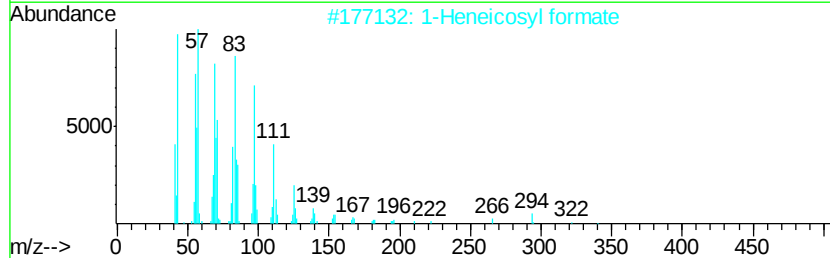
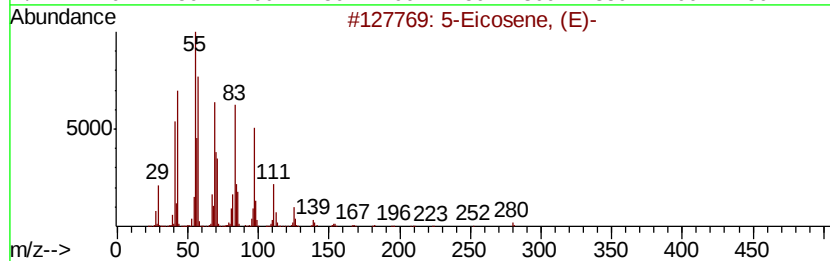
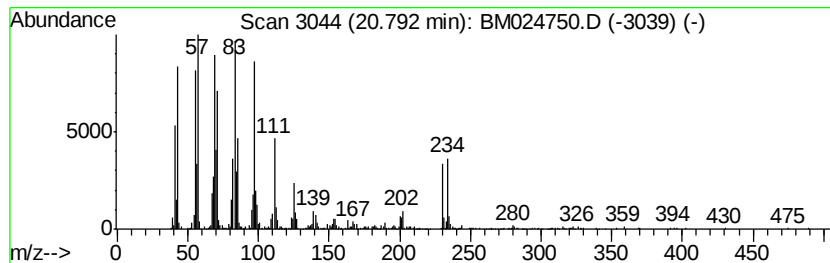
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.79	5.33 ng/ul	2068250	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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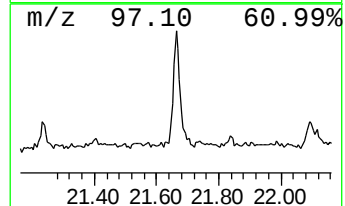
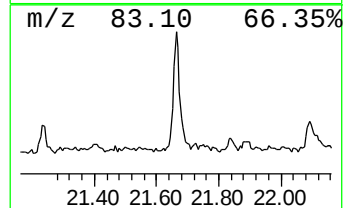
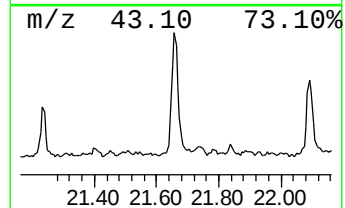
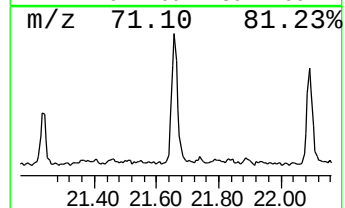
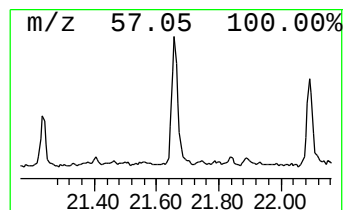
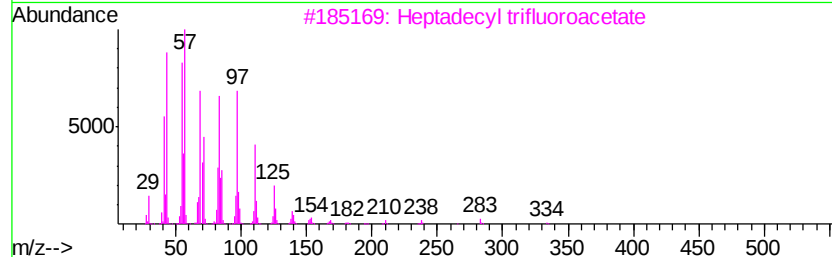
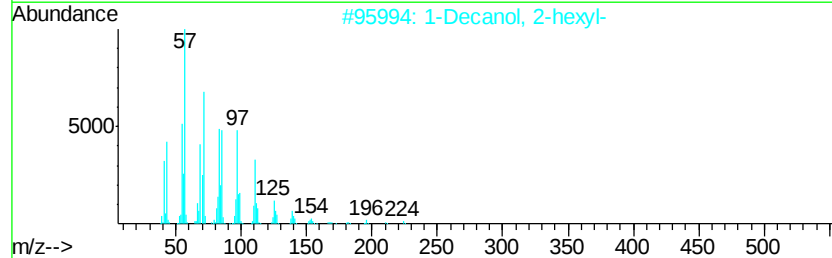
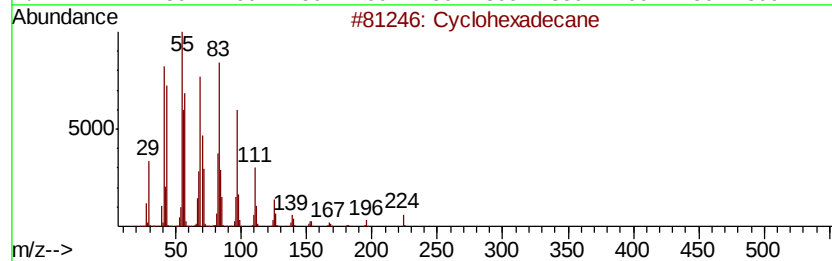
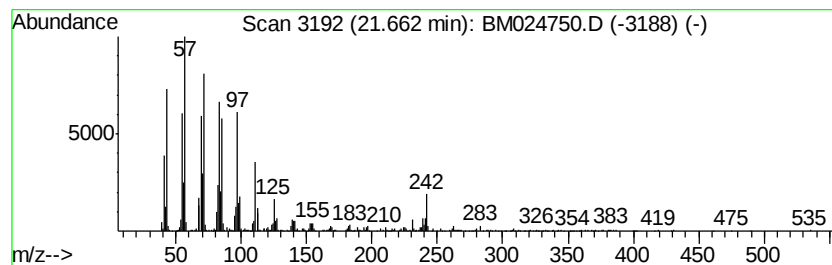
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.66 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.66	2.90 ng/ul	1124320	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane	224	C16H32	000295-65-8	95
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
3	Heptadecvl trifluoroacetate	352	C19H35F3O2	1000351-87-0	89
4	Cvclopentadecane	210	C15H30	000295-48-7	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
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Sample : L1398-18
Misc :
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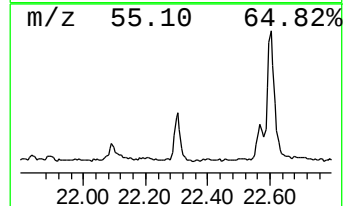
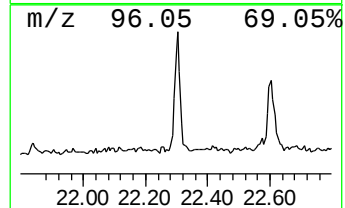
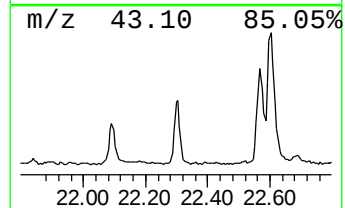
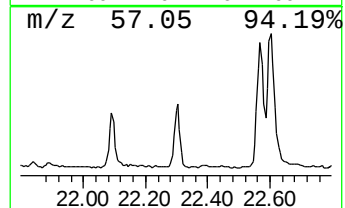
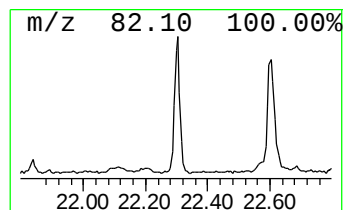
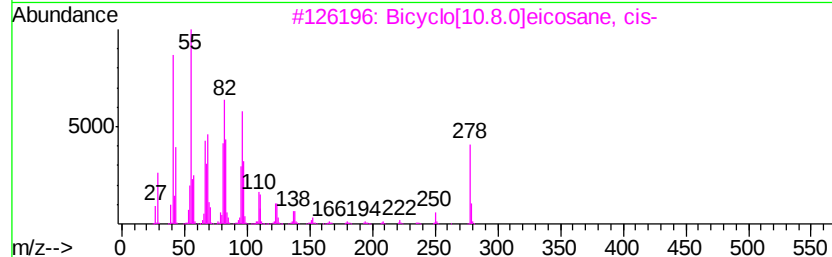
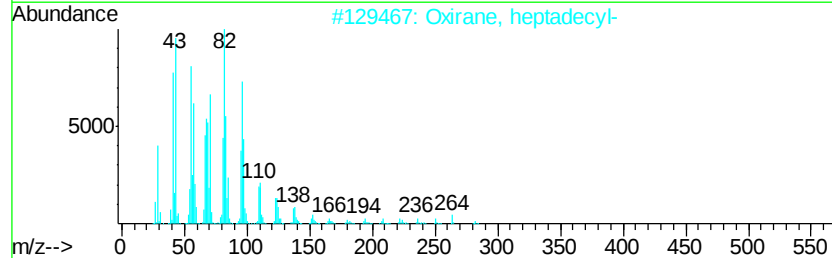
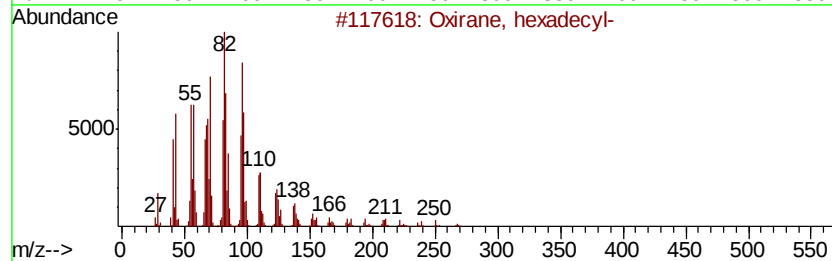
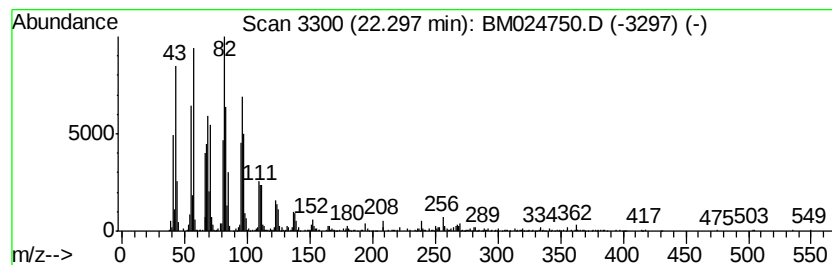
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.32 ng/ul	1238420	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
4		Octadecanal	268	C18H36O	000638-66-4	93
5		1,22-Docosanediol	342	C22H46O2	022513-81-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
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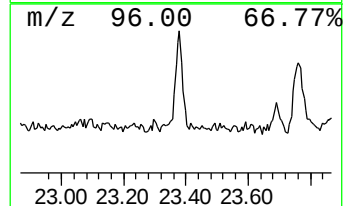
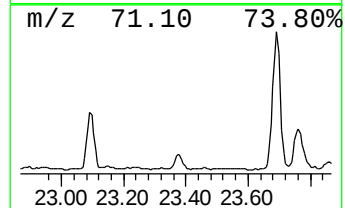
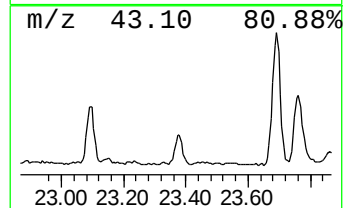
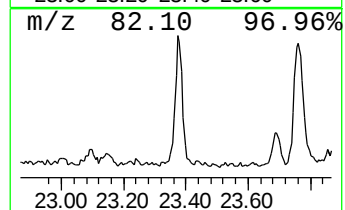
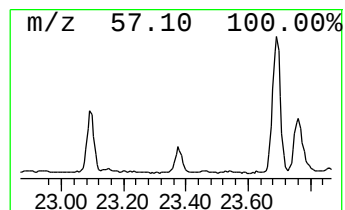
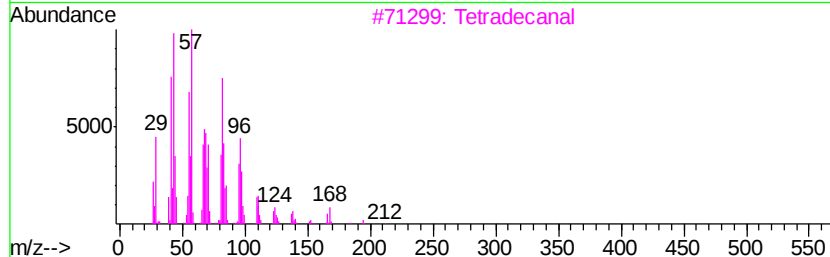
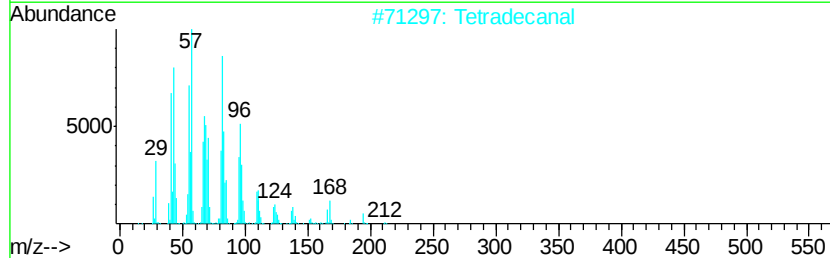
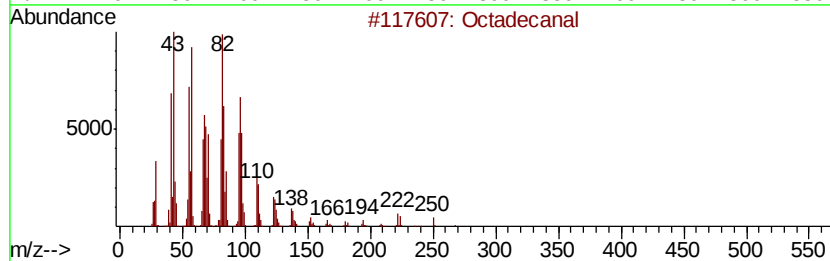
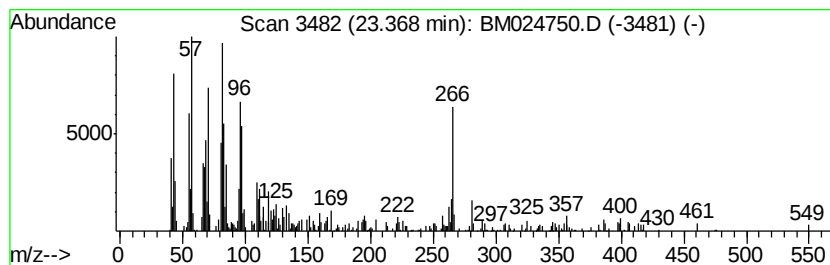
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	3.07 ng/ul	602939	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	59
2		Tetradecanal	212	C14H28O	000124-25-4	42
3		Tetradecanal	212	C14H28O	000124-25-4	42
4		Heptadecanal	254	C17H34O	1000376-70-0	38
5		Hexadecanal	240	C16H32O	000629-80-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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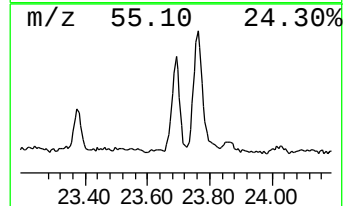
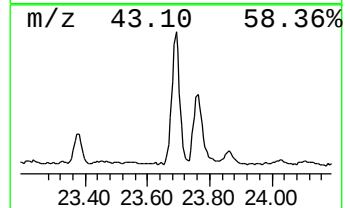
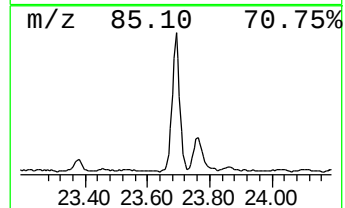
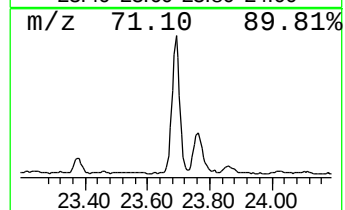
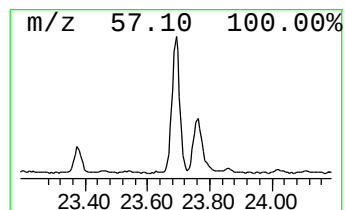
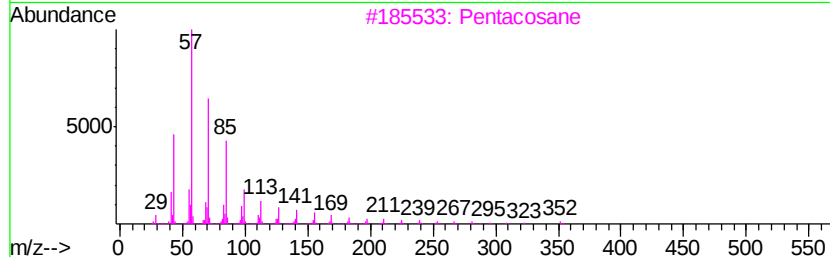
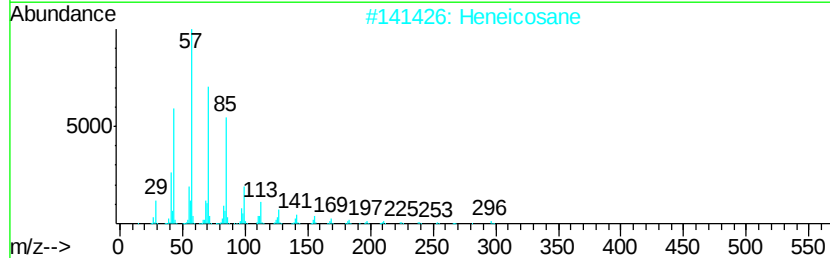
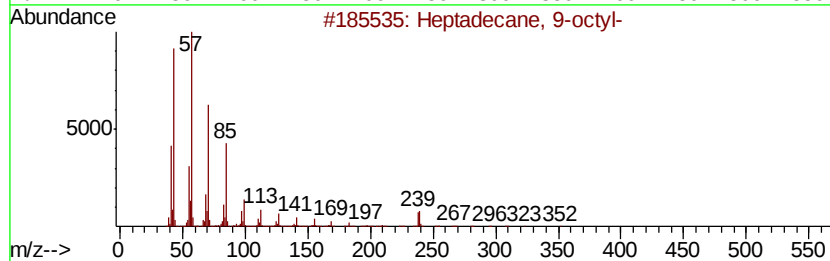
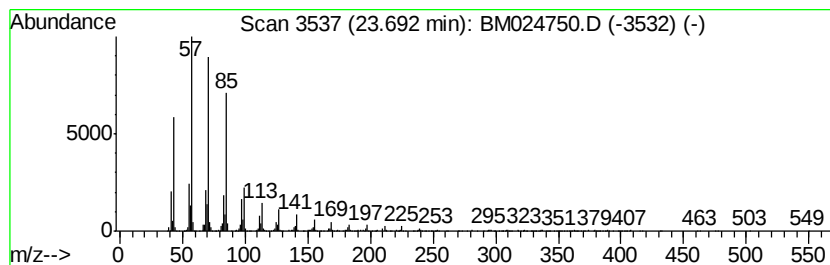
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	9.15 ng/ul	1793440	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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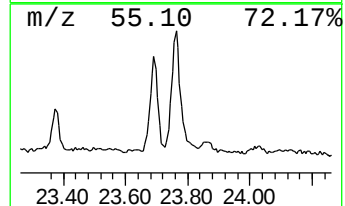
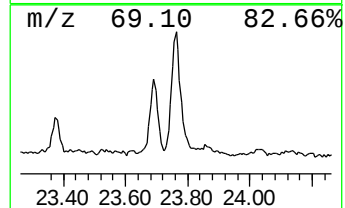
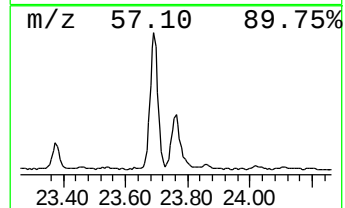
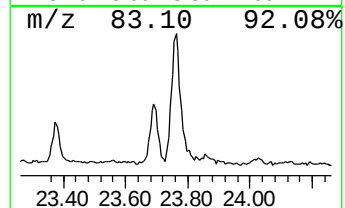
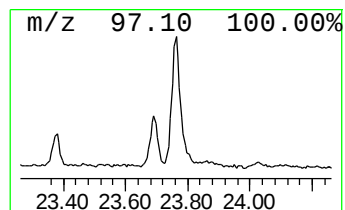
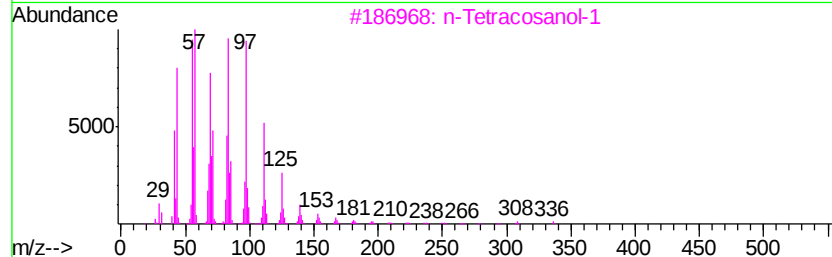
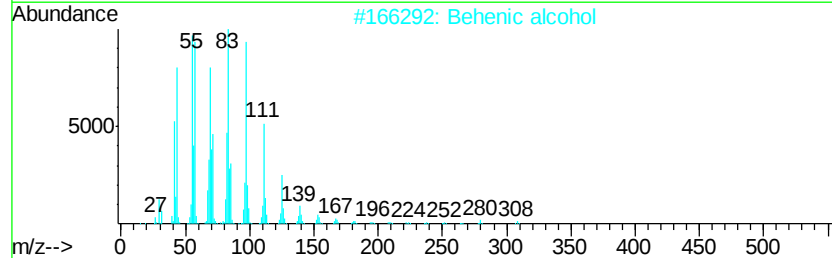
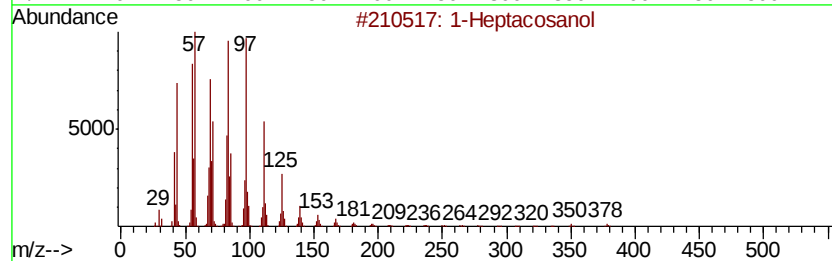
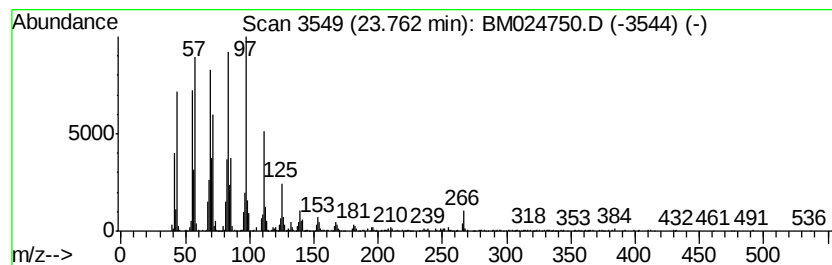
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	8.05 ng/ul	1578370	Perylene-d12	23.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 95
2	Behenic alcohol		326 C22H46O	000661-19-8 93
3	n-Tetracosanol-1		354 C24H50O	000506-51-4 93
4	Octacosanol		410 C28H58O	000557-61-9 91
5	1-Hexacosanol		382 C26H54O	000506-52-5 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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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Phenanthrene, 2-m...	17.74	2.9	ng/ul	612332	4	16.82	4271120	20.0
4H-Cyclopenta[def...	17.88	3.6	ng/ul	761570	4	16.82	4271120	20.0
(DEL) Alkane: Str...	20.79	5.3	ng/ul	2068250	5	21.03	7760940	20.0
(DEL) Alkane: Cyc...	21.66	2.9	ng/ul	1124320	5	21.03	7760940	20.0
Oxirane, hexadecyl-	22.30	6.3	ng/ul	1238420	6	23.14	3922020	20.0
Octadecanal	23.37	3.1	ng/ul	602939	6	23.14	3922020	20.0
Heptadecane, 9-oc...	23.69	9.2	ng/ul	1793440	6	23.14	3922020	20.0
1-Heptacosanol	23.76	8.1	ng/ul	1578370	6	23.14	3922020	20.0