

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009513.D
 Acq On : 31 Jan 2020 16:25
 Operator : CG/JU
 Sample : L1271-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT04

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-BN012220MA.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	3.087	13	17	32	rVB	67878	104405	3.49%	0.262%
2	3.234	40	42	45	rBV4	3005	4031	0.13%	0.010%
3	3.404	68	71	73	rBV3	8340	10853	0.36%	0.027%
4	3.522	88	91	95	rVB2	7142	8650	0.29%	0.022%
5	3.693	116	120	125	rVB3	17447	27009	0.90%	0.068%
6	3.775	130	134	136	rBV3	6078	6881	0.23%	0.017%
7	4.087	183	187	201	rVB	241353	356236	11.91%	0.894%
8	4.663	280	285	298	rBV	103826	177794	5.95%	0.446%
9	5.046	346	350	354	rVB5	2356	3608	0.12%	0.009%
10	5.257	380	386	389	rBV5	7106	11580	0.39%	0.029%
11	5.834	481	484	487	rBV3	2484	3796	0.13%	0.010%
12	6.157	537	539	547	rBV5	8194	14469	0.48%	0.036%
13	6.522	598	601	602	rBV3	3400	3187	0.11%	0.008%
14	6.651	617	623	640	rVB	654616	1147040	38.36%	2.879%
15	6.810	640	650	662	rBV	447437	714305	23.89%	1.793%
16	6.993	675	681	693	rBV	639389	1002684	33.54%	2.517%
17	7.451	753	759	769	rVB	586367	899432	30.08%	2.258%
18	7.545	771	775	780	rVB3	9119	13813	0.46%	0.035%
19	8.163	873	880	891	rBV	689728	1105160	36.96%	2.774%
20	8.463	926	931	933	rBV5	2247	3273	0.11%	0.008%
21	8.592	944	953	964	rBV	608349	980267	32.79%	2.461%
22	9.045	1027	1030	1035	rVB3	7716	11907	0.40%	0.030%
23	9.304	1068	1074	1082	rBV	507244	805362	26.94%	2.021%
24	9.357	1082	1083	1088	rVB3	4806	5421	0.18%	0.014%
25	9.839	1158	1165	1177	rBV	701756	1179580	39.45%	2.961%
26	10.204	1218	1227	1234	rBV	792710	1261480	42.19%	3.166%
27	10.351	1244	1252	1267	rBV	608333	1105569	36.98%	2.775%
28	10.816	1327	1331	1333	rBV3	2314	3291	0.11%	0.008%
29	11.057	1368	1372	1373	rBV3	3677	3750	0.13%	0.009%
30	11.275	1403	1409	1410	rBV5	2409	2995	0.10%	0.008%
31	11.763	1488	1492	1495	rVV4	10253	16186	0.54%	0.041%
32	11.804	1496	1499	1506	rVB3	9797	17083	0.57%	0.043%
33	12.698	1649	1651	1656	rVB4	2848	3201	0.11%	0.008%
34	12.939	1687	1692	1696	rBV7	3115	5182	0.17%	0.013%

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 Title : SVOA CALIBRATION

35	13.004	1698	1703	1706	rBV4	2917	3276	0.11%	0.008%
36	13.510	1783	1789	1794	rBV	1239449	1698077	56.79%	4.262%
37	13.557	1794	1797	1805	rVB	447644	595382	19.91%	1.494%
38	13.775	1827	1834	1844	rBV	1355159	2013265	67.34%	5.053%
39	14.027	1873	1877	1880	rBV2	5857	5945	0.20%	0.015%
40	14.086	1881	1887	1896	rVV2	1152840	1690254	56.53%	4.243%
41	14.316	1921	1926	1944	rBV	437425	827392	27.67%	2.077%
42	14.463	1949	1951	1955	rVB5	3033	3288	0.11%	0.008%
43	14.527	1959	1962	1964	rBV4	2956	4065	0.14%	0.010%
44	14.922	2026	2029	2031	rBV3	3994	3415	0.11%	0.009%
45	14.986	2036	2040	2044	rVB4	9396	13493	0.45%	0.034%
46	15.086	2051	2057	2066	rBV	1766272	2502179	83.69%	6.281%
47	15.227	2076	2081	2093	rBV	510351	756523	25.30%	1.899%
48	15.333	2095	2099	2102	rVB2	15180	18118	0.61%	0.045%
49	15.433	2114	2116	2120	rVB2	3943	3095	0.10%	0.008%
50	15.545	2130	2135	2139	rVB6	3959	6352	0.21%	0.016%
51	15.786	2169	2176	2177	rBV4	3157	6278	0.21%	0.016%
52	15.851	2183	2187	2189	rVV4	4622	5936	0.20%	0.015%
53	15.874	2189	2191	2196	rVB6	7054	9551	0.32%	0.024%
54	16.016	2210	2215	2218	rBV5	3887	5276	0.18%	0.013%
55	16.098	2226	2229	2233	rVB4	4178	4285	0.14%	0.011%
56	16.292	2258	2262	2264	rBV3	3483	4540	0.15%	0.011%
57	16.321	2264	2267	2269	rVB3	3059	3015	0.10%	0.008%
58	16.639	2316	2321	2326	rBV6	9157	16607	0.56%	0.042%
59	16.839	2349	2355	2362	rBV	1483377	1978137	66.16%	4.965%
60	16.939	2366	2372	2382	rVV	1879330	2612077	87.36%	6.556%
61	17.063	2388	2393	2397	rVB5	18330	25162	0.84%	0.063%
62	17.168	2406	2411	2413	rBV4	2896	4748	0.16%	0.012%
63	17.216	2416	2419	2422	rBV4	3330	5083	0.17%	0.013%
64	17.257	2422	2426	2433	rVV6	19049	27038	0.90%	0.068%
65	17.310	2433	2435	2439	rVB5	2499	3017	0.10%	0.008%
66	17.380	2440	2447	2450	rBV5	4510	7276	0.24%	0.018%
67	17.545	2474	2475	2479	rVB4	4366	3474	0.12%	0.009%
68	17.768	2509	2513	2528	rBV	237445	406037	13.58%	1.019%
69	17.945	2541	2543	2546	rVB4	2967	3904	0.13%	0.010%
70	18.204	2583	2587	2591	rBV6	14079	22068	0.74%	0.055%
71	18.451	2626	2629	2631	rBV3	6434	7397	0.25%	0.019%

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72	18.527	2640	2642	2645	rVB4	4434	3188	0.11%	0.008%
73	18.639	2659	2661	2668	rVB7	6485	9158	0.31%	0.023%
74	18.715	2672	2674	2678	rVB3	5313	4329	0.14%	0.011%
75	18.774	2681	2684	2688	rBV2	8380	13044	0.44%	0.033%
76	18.874	2697	2701	2705	rBV	22615	33286	1.11%	0.084%
77	18.910	2705	2707	2711	rVB4	13418	16084	0.54%	0.040%
78	18.951	2711	2714	2715	rBV3	4136	4946	0.17%	0.012%
79	19.062	2729	2733	2740	rBV3	65547	99206	3.32%	0.249%
80	19.127	2742	2744	2750	rVB	24533	30980	1.04%	0.078%
81	19.245	2757	2764	2776	rBV	2201644	2989875	100.00%	7.505%
82	19.804	2855	2859	2862	rBV6	22481	32646	1.09%	0.082%
83	20.186	2922	2924	2925	rBV2	11638	7434	0.25%	0.019%
84	20.204	2925	2927	2931	rVB5	21030	21947	0.73%	0.055%
85	20.792	3022	3027	3035	rBV	828649	1052579	35.20%	2.642%
86	21.051	3065	3071	3076	rBV	1642819	2143288	71.68%	5.380%
87	21.239	3100	3103	3107	rVB	97775	103618	3.47%	0.260%
88	21.656	3171	3174	3182	rBV3	171721	262334	8.77%	0.658%
89	22.092	3245	3248	3252	rVB	204436	232879	7.79%	0.585%
90	22.568	3325	3329	3333	rVB	255619	328750	11.00%	0.825%
91	23.033	3401	3408	3414	rBV	1636435	2780699	93.00%	6.980%
92	23.092	3414	3418	3423	rVV	284585	421022	14.08%	1.057%
93	23.162	3424	3430	3439	rVB	1235400	2095129	70.07%	5.259%
94	23.686	3515	3519	3525	rVB2	259199	440300	14.73%	1.105%
95	23.762	3528	3532	3540	rVB	204599	388807	13.00%	0.976%

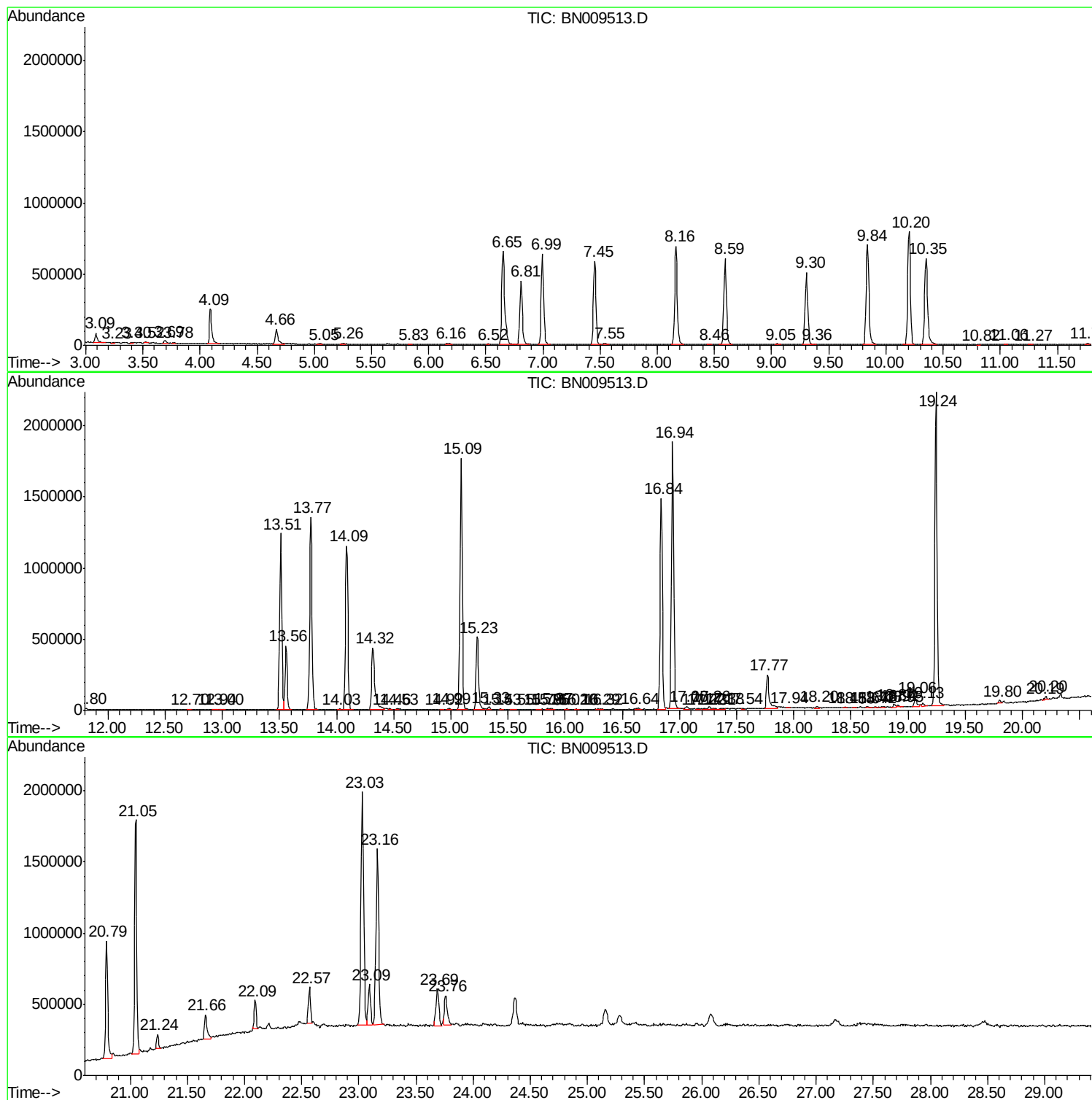
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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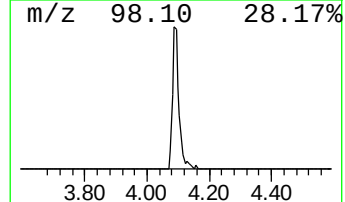
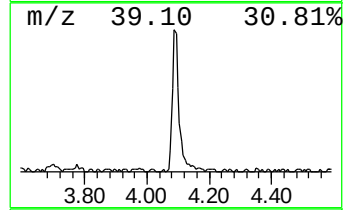
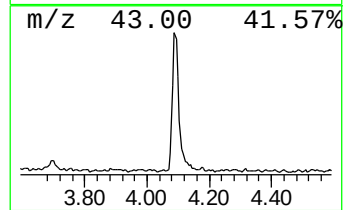
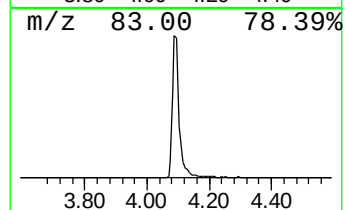
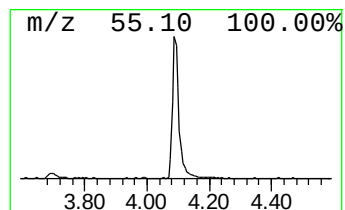
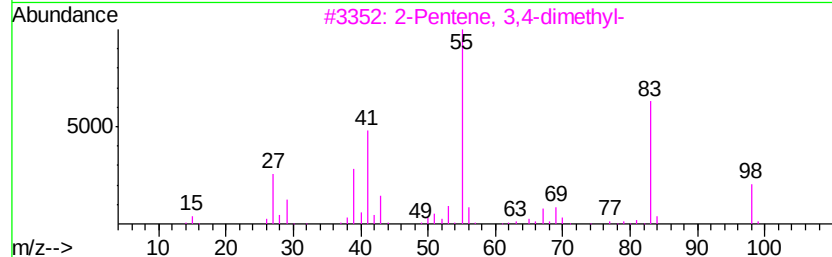
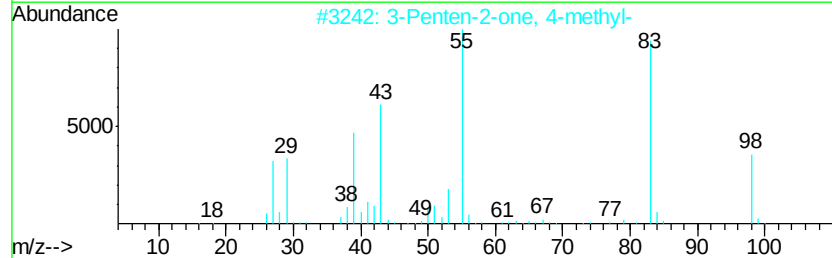
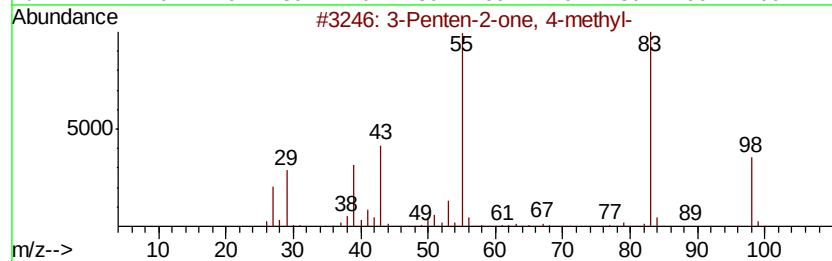
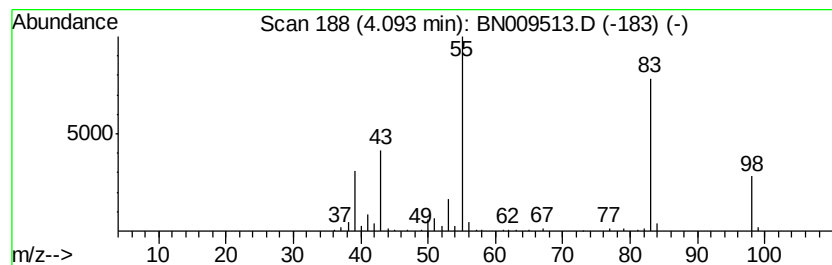
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	7.92 ng/ul	356236	1,4-Dichlorobenzene-d4	7.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			3-Hexen-2-one	98	C6H10O	000763-93-9	80



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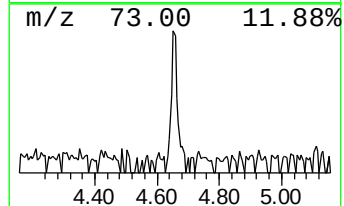
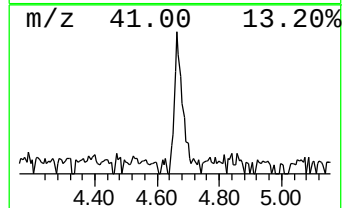
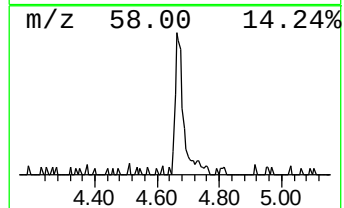
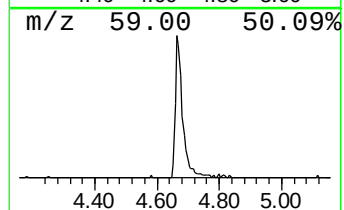
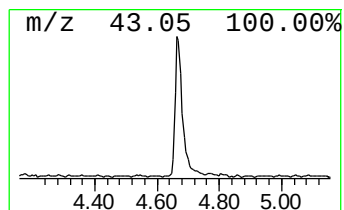
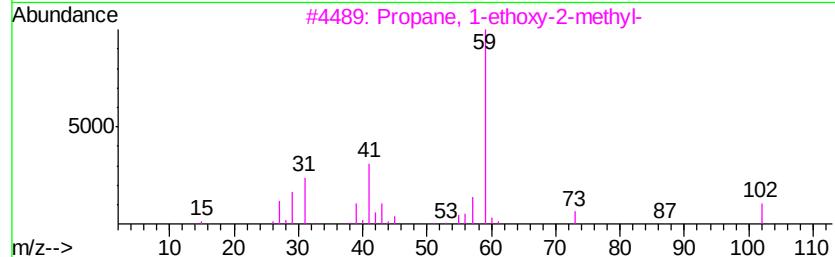
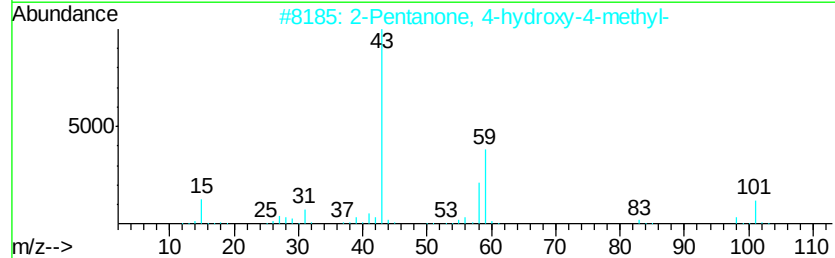
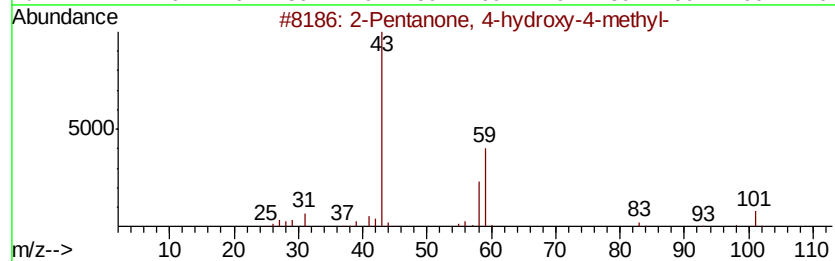
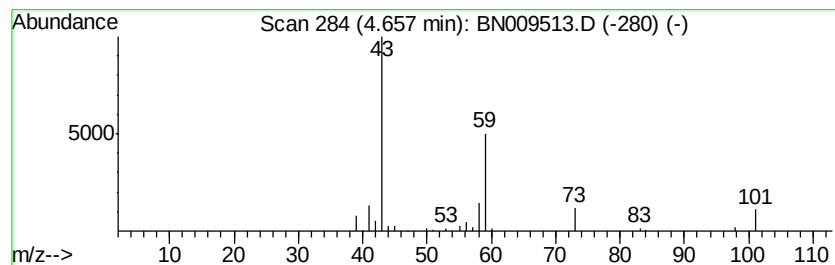
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	3.95 ng/ul	177794	1,4-Dichlorobenzene-d4	7.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
5		3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33



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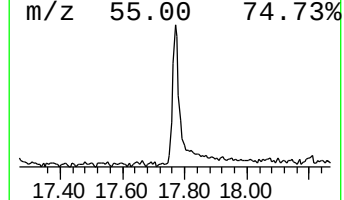
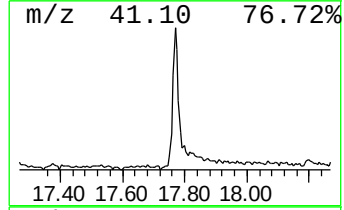
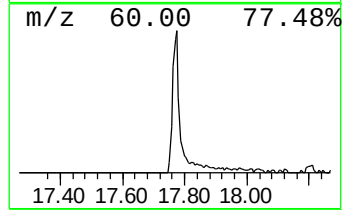
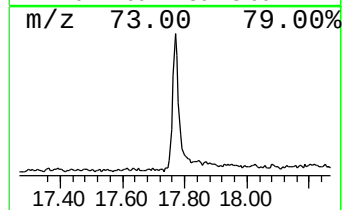
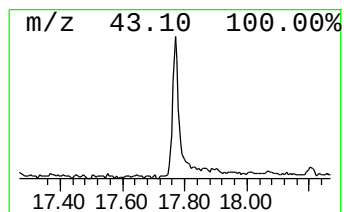
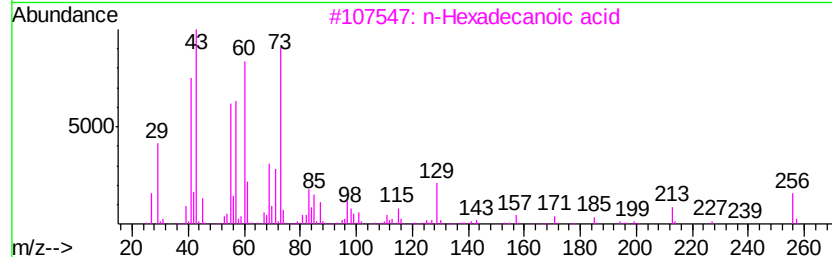
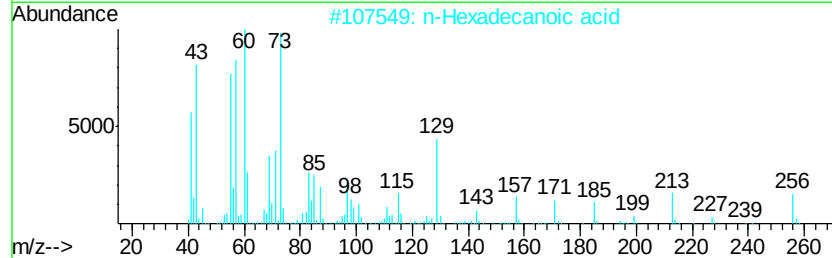
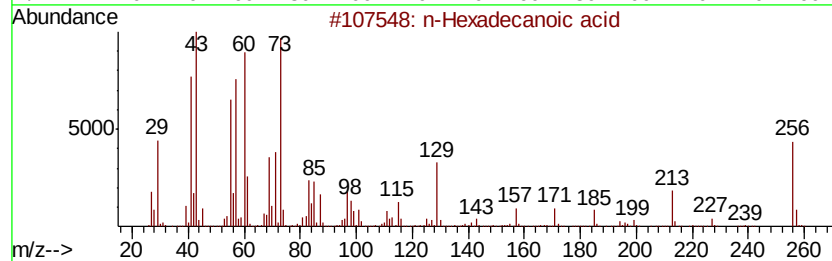
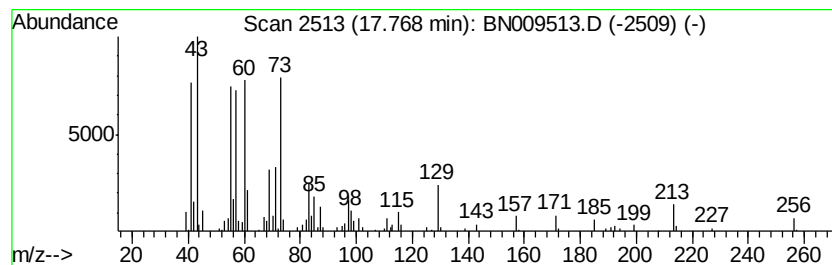
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.11 ng/ul	406037	Phenanthrene-d10	16.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	90
4	Tridecanoic acid	214 C13H26O2	000638-53-9	89
5	Tridecanoic acid	214 C13H26O2	000638-53-9	81



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ClientSampleId :
GAT04

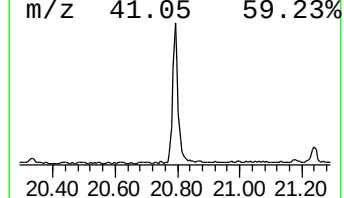
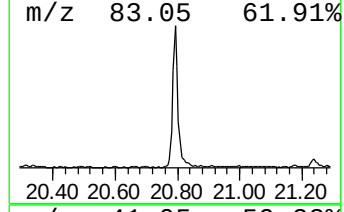
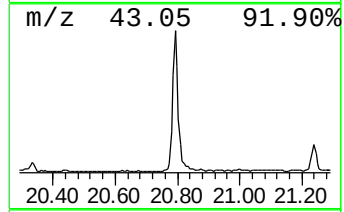
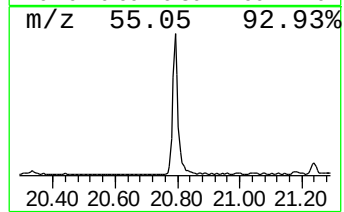
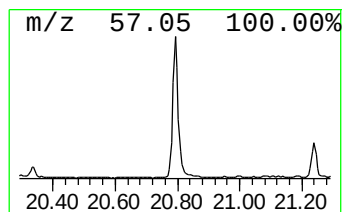
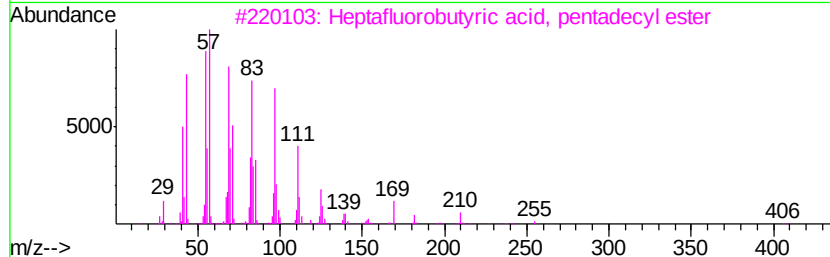
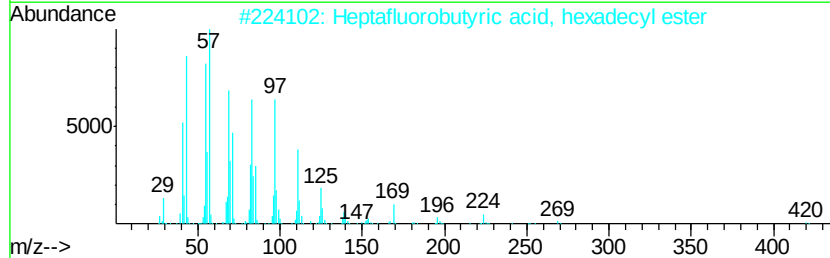
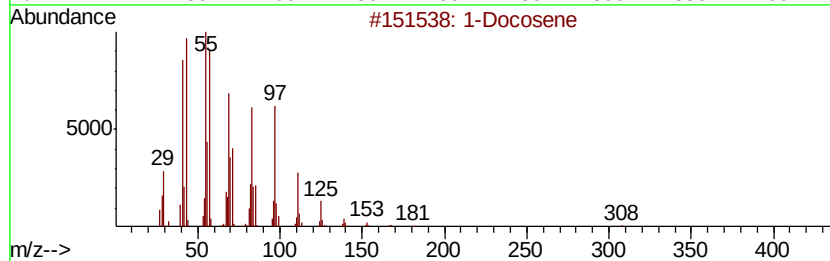
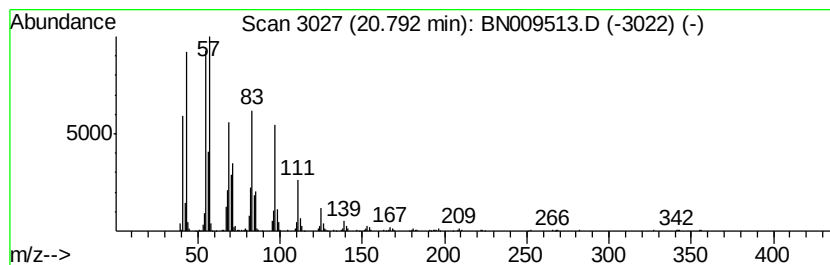
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	9.82 ng/ul	1052580	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	95
2			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009513.D
Acq On : 31 Jan 2020 16:25
Operator : CG/JU
Sample : L1271-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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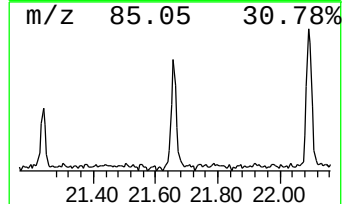
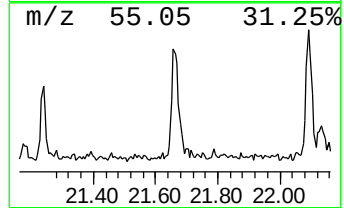
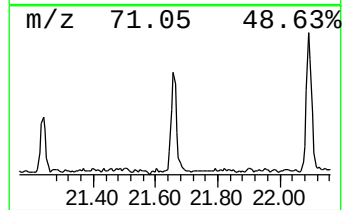
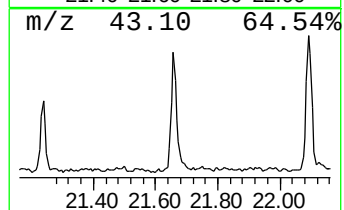
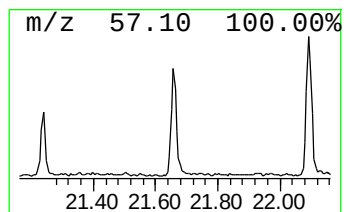
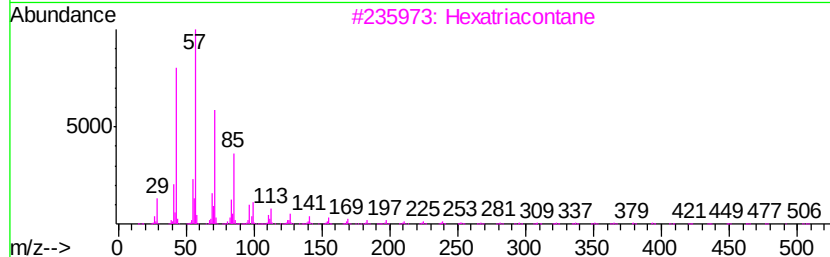
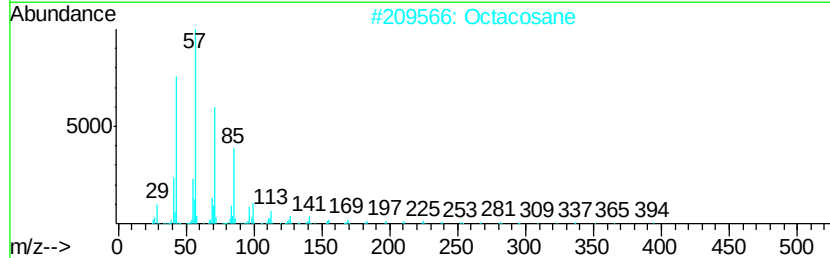
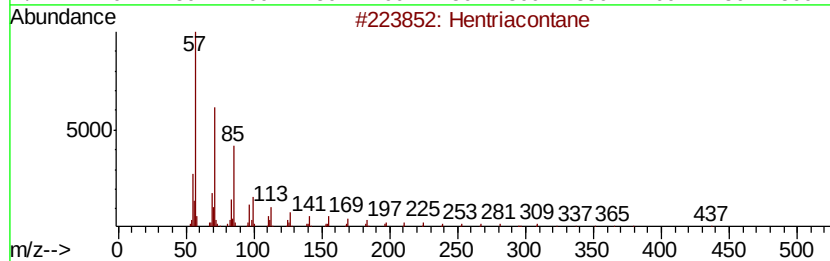
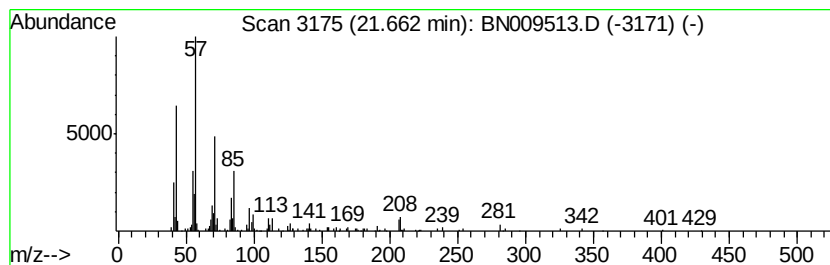
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.45 ng/ul	262334	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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Sample : L1271-13
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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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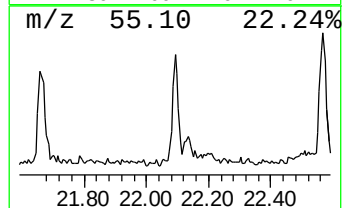
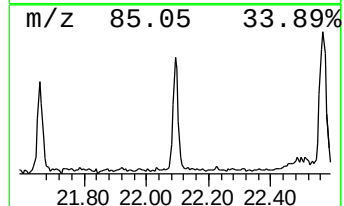
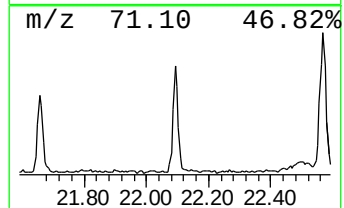
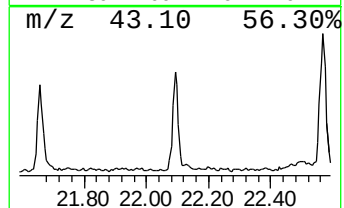
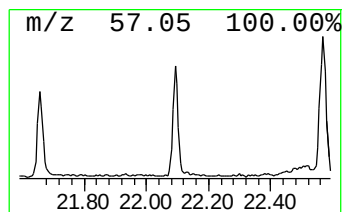
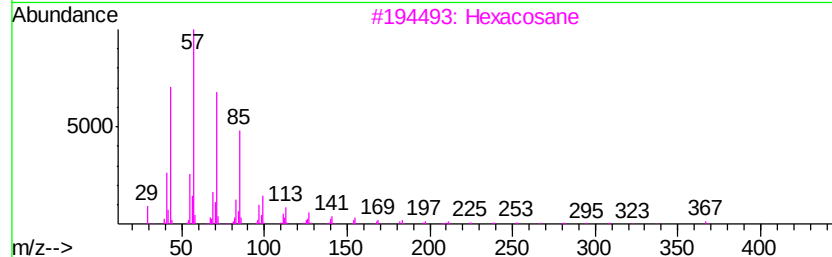
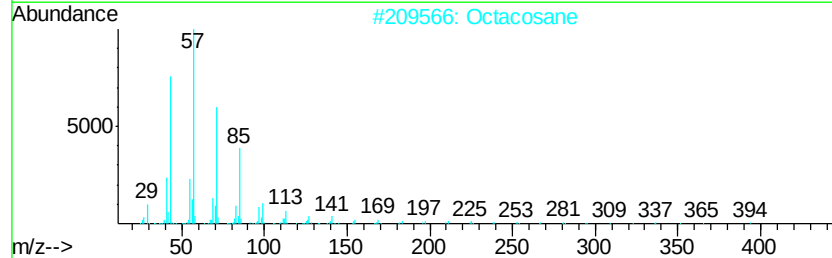
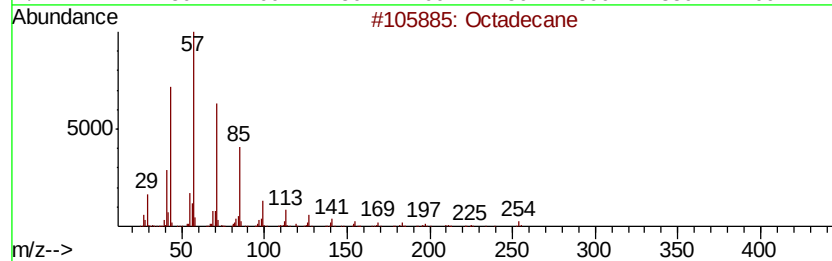
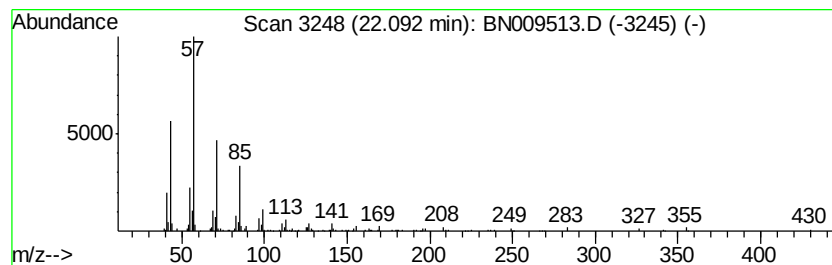
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.17 ng/ul	232879	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	80
2		Octacosane	394	C28H58	000630-02-4	76
3		Hexacosane	366	C26H54	000630-01-3	76
4		Heptacosane	380	C27H56	000593-49-7	68
5		Eicosane	282	C20H42	000112-95-8	68



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Acq On : 31 Jan 2020 16:25
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Misc :
ALS Vial : 38 Sample Multiplier: 1

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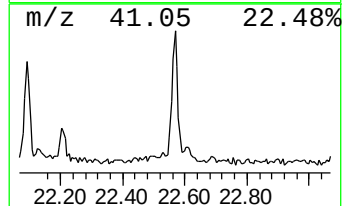
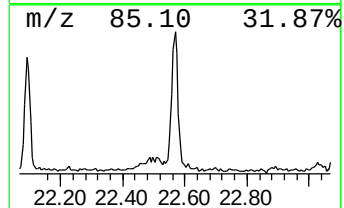
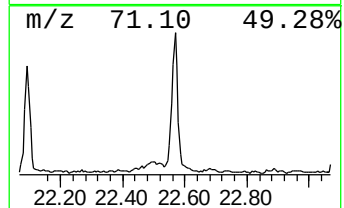
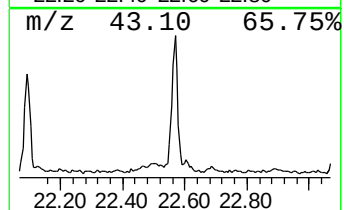
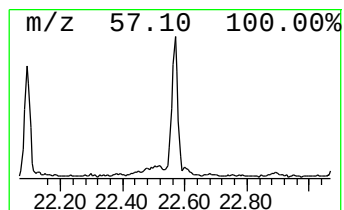
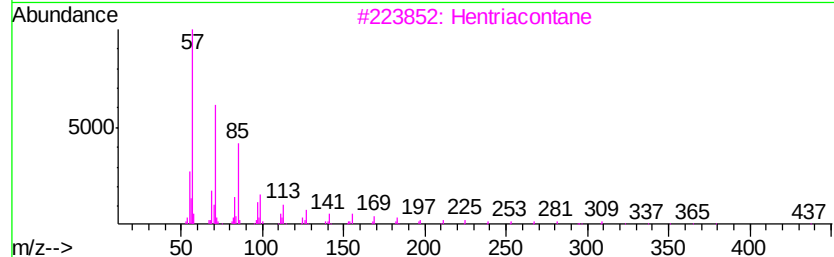
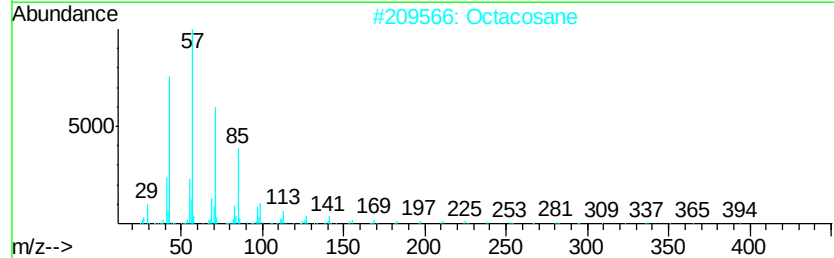
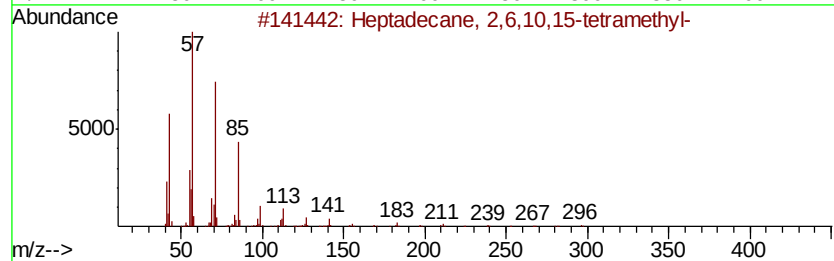
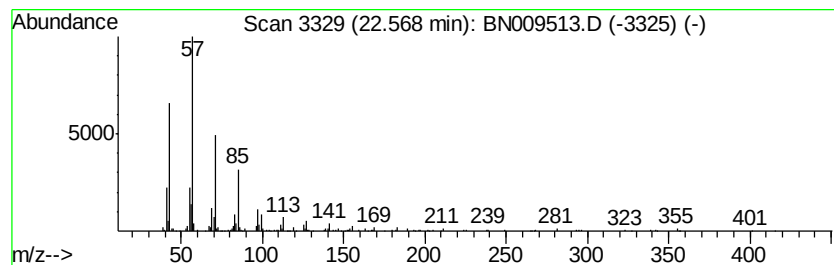
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.14 ng/ul	328750	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Hexatriacontane	507	C36H74	000630-06-8	83
5		Hentriacontane	437	C31H64	000630-04-6	83



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ALS Vial : 38 Sample Multiplier: 1

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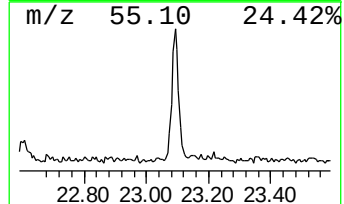
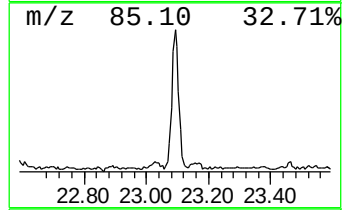
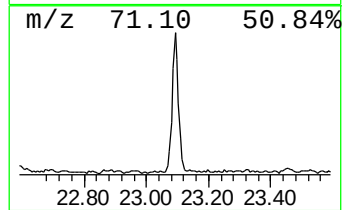
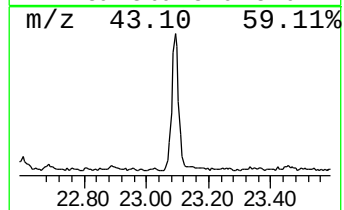
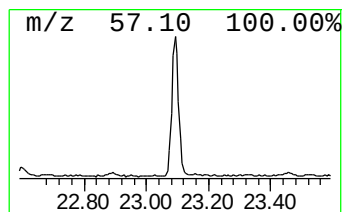
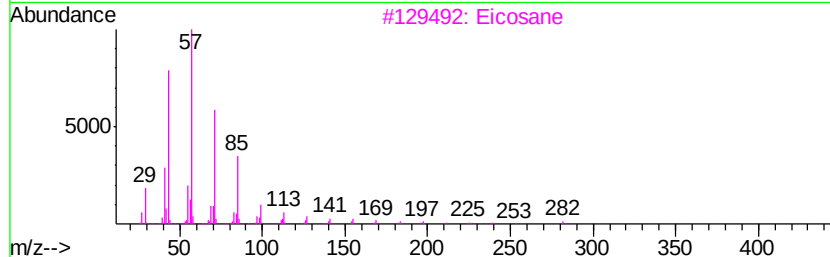
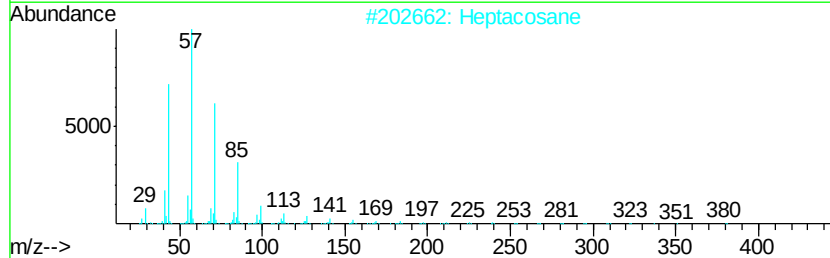
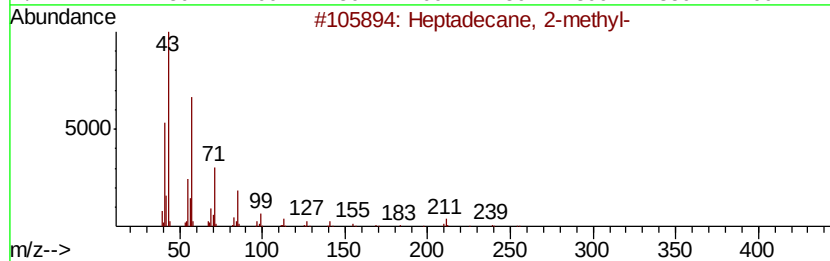
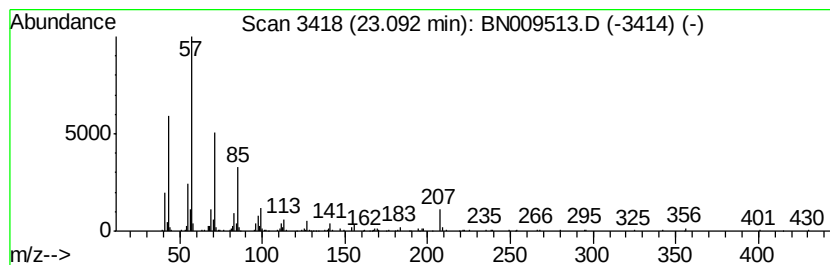
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Quant Title : SVOA CALIBRATION

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.
23.09	4.02 ng/ul	421022	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
2		Heptacosane	380	C27H56	000593-49-7	81
3		Eicosane	282	C20H42	000112-95-8	74
4		Hexatriacontane	507	C36H74	000630-06-8	74
5		Nonadecane	268	C19H40	000629-92-5	74



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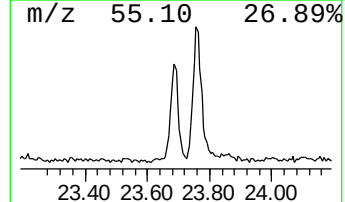
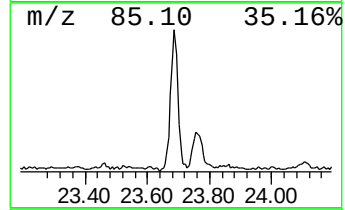
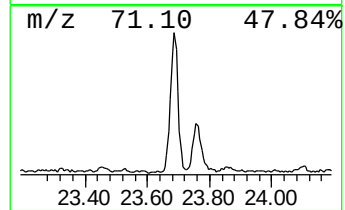
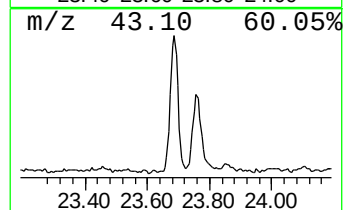
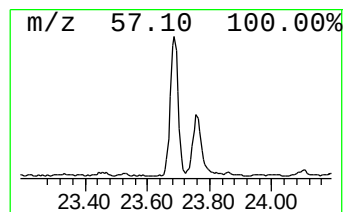
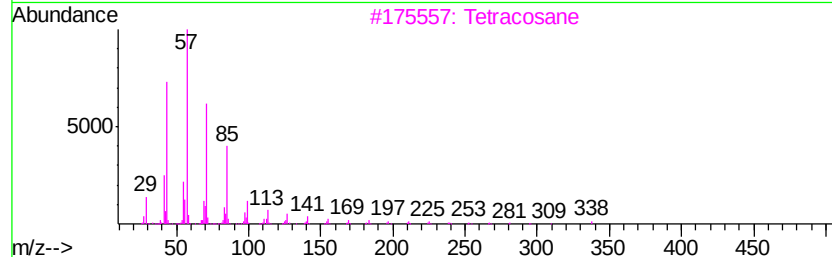
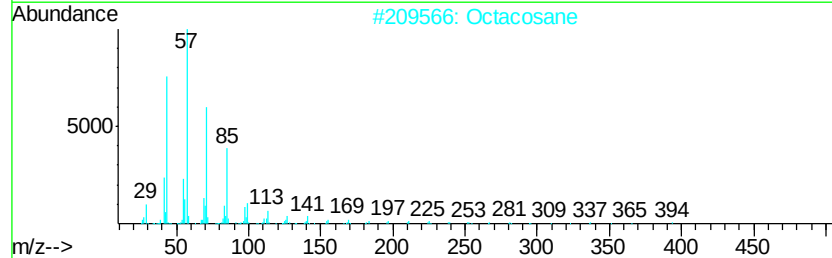
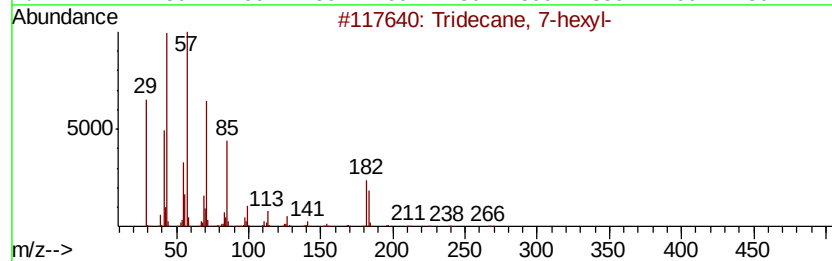
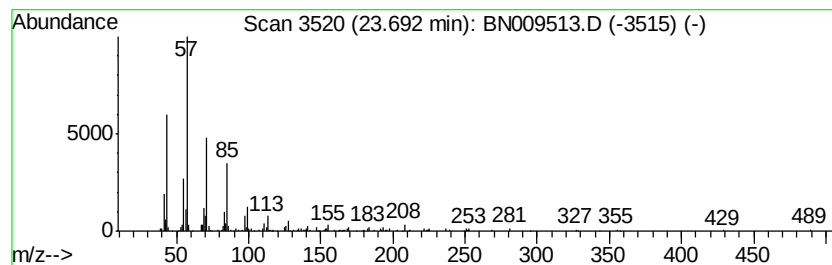
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	4.20 ng/ul	440300	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		1-Iodoundecane	282	C11H23I	004282-44-4	87
5		Heneicosane	296	C21H44	000629-94-7	81



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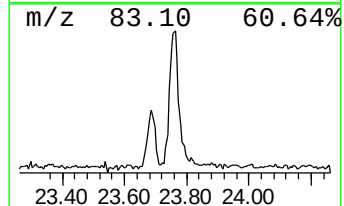
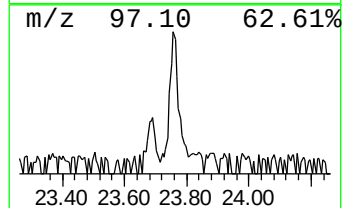
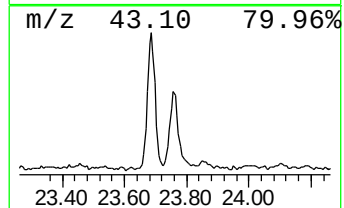
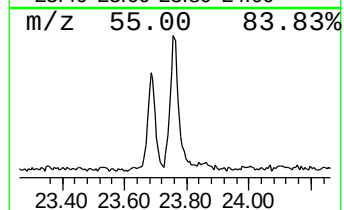
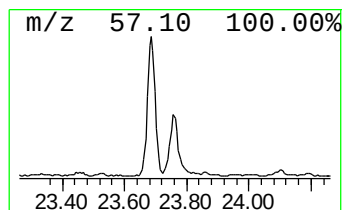
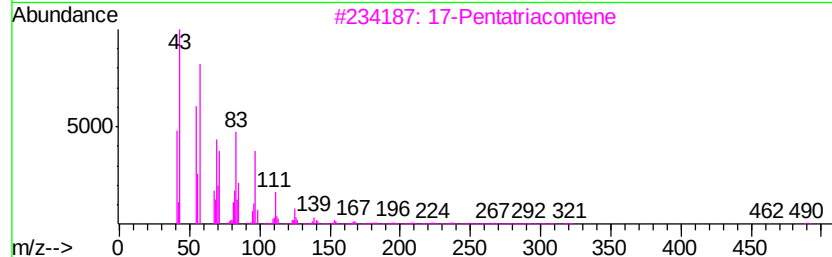
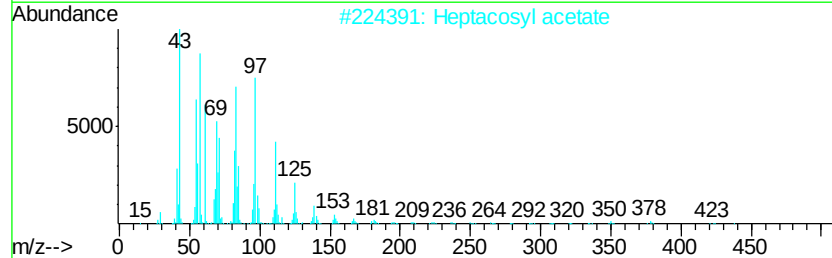
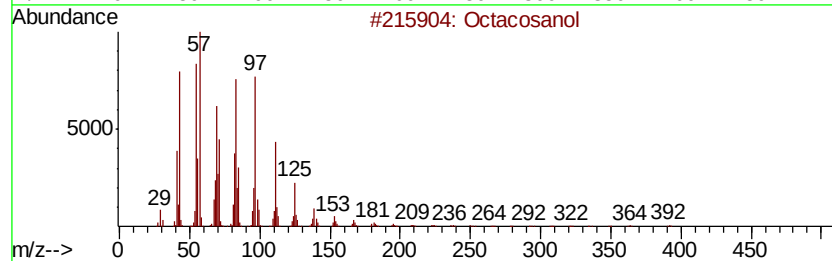
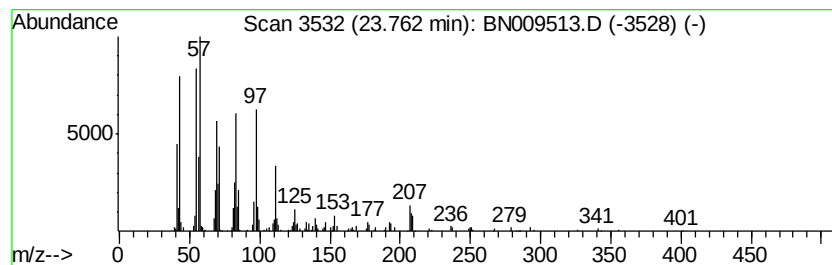
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	3.71 ng/ul	388807	Perylene-d12	23.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	90
2			Heptacosyl acetate	438	C29H58O2	1000351-78-2	58
3			17-Pentatriacontene	491	C35H70	006971-40-0	58
4			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	53
5			Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	53



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Instrument :
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ClientSampleId :
GAT04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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
3-Penten-2-one, 4...	4.09	7.9	ng/ul	356236	1	7.45	899432	20.0
2-Pentanone, 4-hy...	4.66	4.0	ng/ul	177794	1	7.45	899432	20.0
n-Hexadecanoic acid	17.77	4.1	ng/ul	406037	4	16.84	1978140	20.0
(DEL) Alkane: Str...	20.79	9.8	ng/ul	1052580	5	21.05	2143290	20.0
(DEL) Alkane: Str...	21.66	2.5	ng/ul	262334	5	21.05	2143290	20.0
(DEL) Alkane: Str...	22.09	2.2	ng/ul	232879	5	21.05	2143290	20.0
(DEL) Alkane: Str...	22.57	3.1	ng/ul	328750	6	23.16	2095130	20.0
(DEL) Alkane: Str...	23.09	4.0	ng/ul	421022	6	23.16	2095130	20.0
(DEL) Alkane: Str...	23.69	4.2	ng/ul	440300	6	23.16	2095130	20.0
Octacosanol	23.76	3.7	ng/ul	388807	6	23.16	2095130	20.0