

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023304.D
 Acq On : 20 Oct 2019 01:50
 Operator : JU
 Sample : K5378-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0027

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-BM101419MA.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	3.169	28	31	40	rVB	67366	99005	0.57%	0.101%
2	3.675	114	117	121	rVB2	25913	31829	0.18%	0.033%
3	3.805	135	139	147	rVB	70157	110802	0.64%	0.114%
4	3.893	150	154	161	rVB	31611	49088	0.28%	0.050%
5	4.799	303	308	311	rBV2	20765	35101	0.20%	0.036%
6	6.334	565	569	578	rVB9	11518	19467	0.11%	0.020%
7	6.822	641	652	664	rBV2	1089539	1914024	11.08%	1.961%
8	6.987	674	680	695	rVB	786431	1274862	7.38%	1.306%
9	7.187	706	714	722	rBV	1112253	1785779	10.34%	1.830%
10	7.651	786	793	804	rBV	1498953	2406613	13.93%	2.466%
11	8.351	905	912	925	rVV	1180808	1941584	11.24%	1.989%
12	8.469	928	932	938	rVB5	9974	18940	0.11%	0.019%
13	8.792	978	987	996	rBV	964166	1631976	9.45%	1.672%
14	9.275	1064	1069	1075	rVB2	21464	34534	0.20%	0.035%
15	9.516	1101	1110	1118	rBV	760578	1248305	7.23%	1.279%
16	10.051	1191	1201	1214	rBV	1337081	2235595	12.94%	2.290%
17	10.428	1257	1265	1273	rBV	1978306	3290440	19.05%	3.371%
18	10.563	1280	1288	1300	rBV	1121391	1902100	11.01%	1.949%
19	12.027	1532	1537	1542	rVV	26678	38831	0.22%	0.040%
20	12.186	1559	1564	1571	rBV8	11106	20214	0.12%	0.021%
21	12.910	1681	1687	1692	rBV9	10092	20947	0.12%	0.021%
22	13.710	1815	1823	1827	rBV	2272663	3098497	17.93%	3.174%
23	13.757	1827	1831	1839	rVV	884271	1196516	6.93%	1.226%
24	13.986	1862	1870	1878	rBV	2618589	3838633	22.22%	3.933%
25	14.292	1914	1922	1932	rBV2	2796359	4274916	24.74%	4.380%
26	14.492	1949	1956	1973	rBV	712339	1145612	6.63%	1.174%
27	14.645	1978	1982	1987	rVV6	20825	36439	0.21%	0.037%
28	14.721	1990	1995	2002	rVV2	142914	209081	1.21%	0.214%
29	15.127	2060	2064	2069	rVB3	15940	24198	0.14%	0.025%
30	15.180	2069	2073	2078	rBV3	21383	29302	0.17%	0.030%
31	15.292	2085	2092	2099	rBV	3321747	4752557	27.51%	4.869%
32	15.410	2106	2112	2120	rBV	615280	901325	5.22%	0.923%
33	15.533	2126	2133	2136	rBV2	42043	60000	0.35%	0.061%
34	16.833	2351	2354	2360	rVB4	24438	39605	0.23%	0.041%

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35	17.039	2383	2389	2395	rBV2	3530927	4897257	28.35%	5.017%
36	17.139	2400	2406	2416	rVV	3525391	5038808	29.17%	5.162%
37	17.239	2420	2423	2430	rVB9	17449	31099	0.18%	0.032%
38	17.351	2437	2442	2447	rBV6	14686	27350	0.16%	0.028%
39	17.451	2457	2459	2463	rVB5	16209	21441	0.12%	0.022%
40	17.957	2541	2545	2551	rBV	124693	175510	1.02%	0.180%
41	18.027	2554	2557	2563	rVB4	16564	28053	0.16%	0.029%
42	18.268	2595	2598	2602	rVB6	31964	39032	0.23%	0.040%
43	18.904	2704	2706	2710	rVB3	31858	33214	0.19%	0.034%
44	19.056	2728	2732	2737	rBV2	191258	292596	1.69%	0.300%
45	19.098	2737	2739	2744	rVB3	38713	51328	0.30%	0.053%
46	19.245	2762	2764	2768	rBV4	21389	25692	0.15%	0.026%
47	19.321	2774	2777	2781	rVB2	34222	42861	0.25%	0.044%
48	19.433	2790	2796	2803	rBV	4486817	6119025	35.42%	6.269%
49	20.021	2894	2896	2900	rVB3	74106	78415	0.45%	0.080%
50	20.521	2978	2981	2985	rVB	108149	102528	0.59%	0.105%
51	20.980	3054	3059	3064	rBV2	862797	1240747	7.18%	1.271%
52	21.227	3096	3101	3107	rBV	4690200	5924878	34.29%	6.070%
53	21.421	3131	3134	3139	rBV2	229842	261973	1.52%	0.268%
54	21.850	3204	3207	3214	rBV3	357575	605846	3.51%	0.621%
55	22.309	3283	3285	3292	rVB	367570	443319	2.57%	0.454%
56	22.815	3368	3371	3375	rVB	566658	702931	4.07%	0.720%
57	23.291	3446	3452	3461	rVB	3711474	6556720	37.95%	6.717%
58	23.380	3464	3467	3470	rVV2	457232	718819	4.16%	0.736%
59	23.433	3470	3476	3485	rVB	3260516	6247526	36.16%	6.401%
60	24.027	3573	3577	3584	rVB	515295	907735	5.25%	0.930%
61	27.738	4197	4208	4225	rVB3	4667454	17276305	100.00%	17.700%

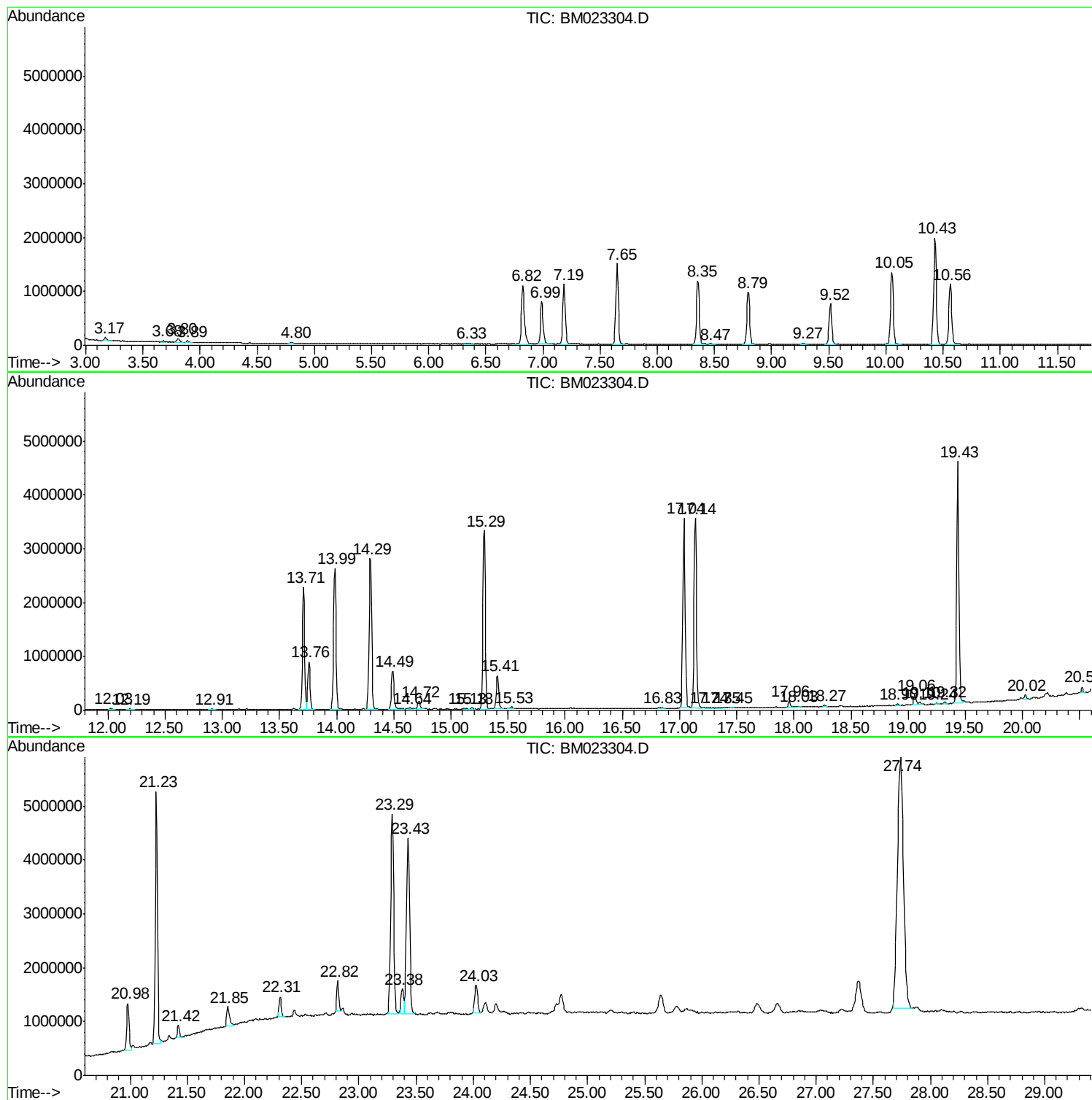
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TIC Library : C:\DATABASE\NIST11.L
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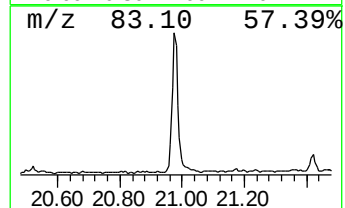
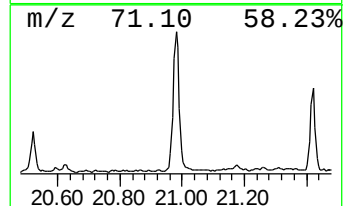
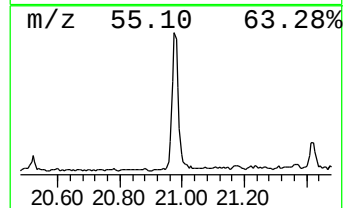
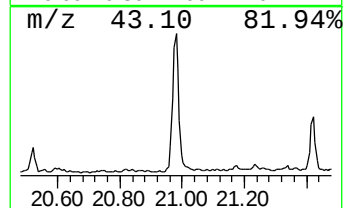
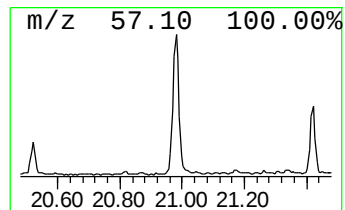
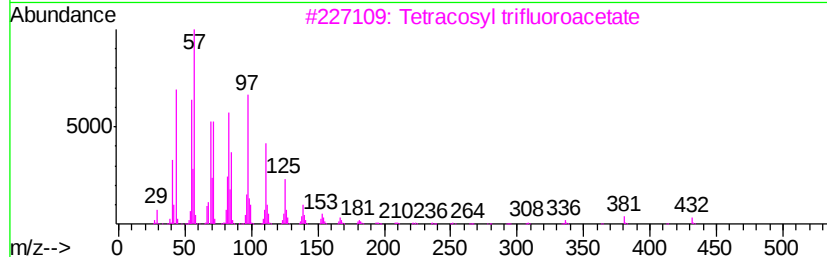
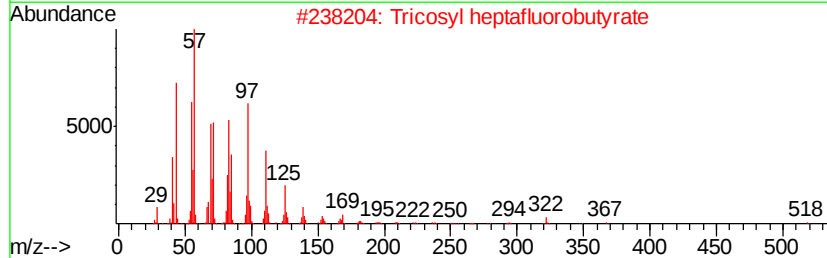
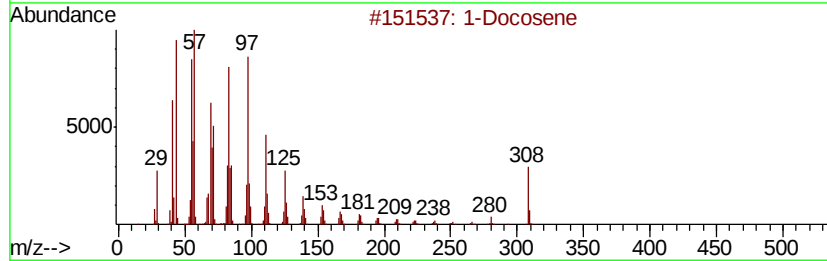
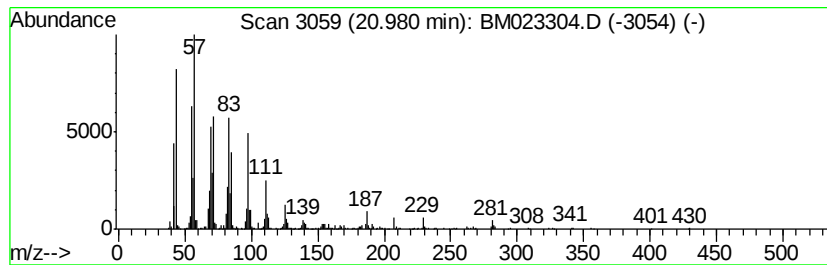
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic20.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.19 ng/ul	1240750	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 91
2	Tricosyl heptafluorobutyrate		536 C27H47F7O2	1000351-83-4 91
3	Tetracosyl trifluoroacetate		450 C26H49F3O2	1000351-76-4 91
4	Heneicosyl heptafluorobutyrate		508 C25H43F7O2	1000351-83-8 90
5	1-Eicosene		280 C20H40	003452-07-1 89



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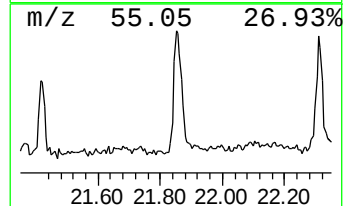
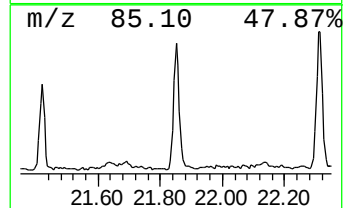
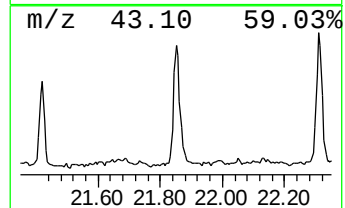
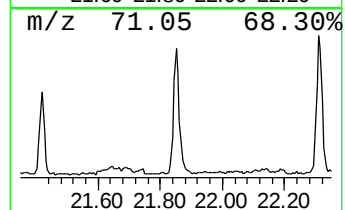
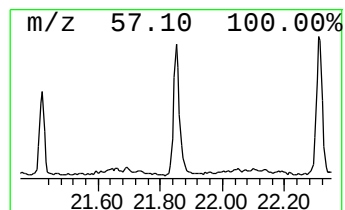
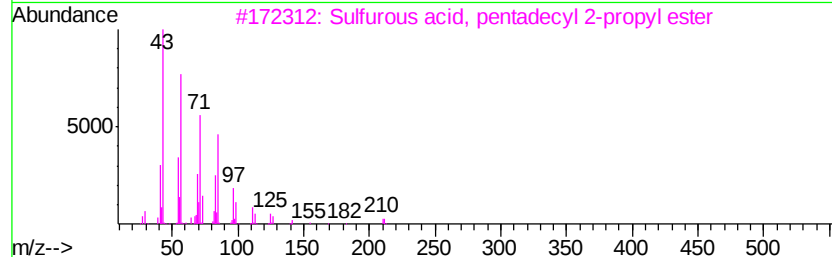
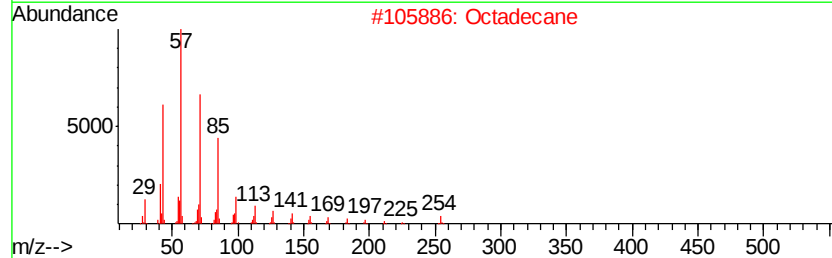
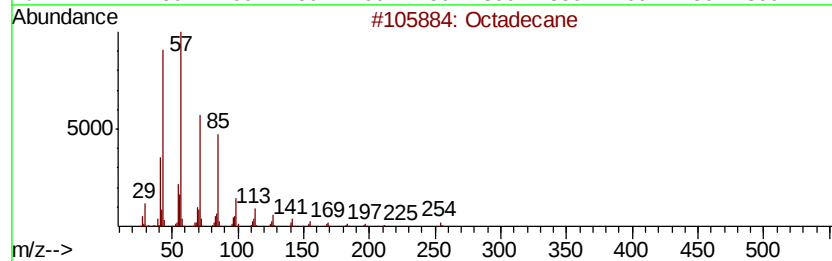
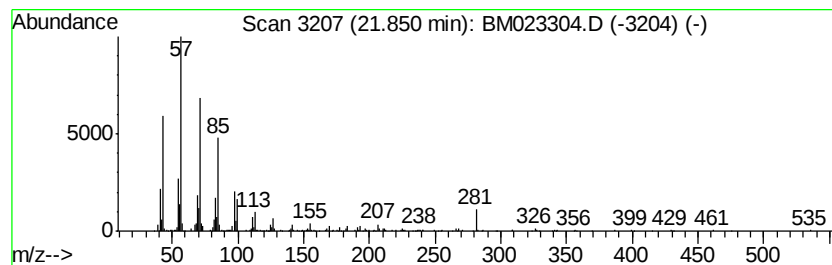
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.05 ng/ul	605846	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Octadecane	254	C18H38	000593-45-3	81
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	80
4		Hexacosane	366	C26H54	000630-01-3	74
5		Eicosane	282	C20H42	000112-95-8	74



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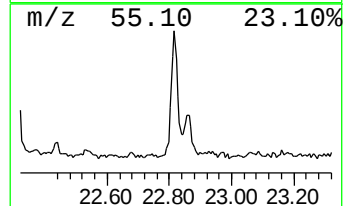
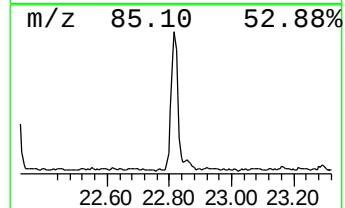
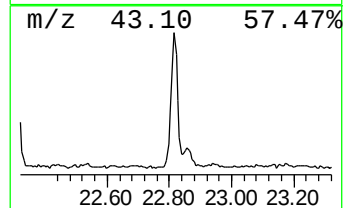
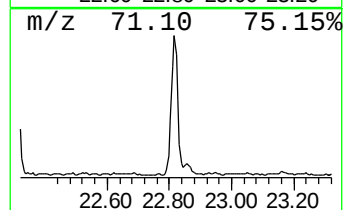
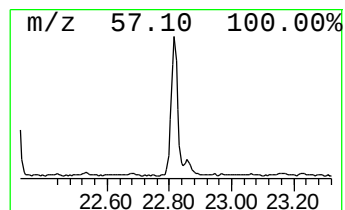
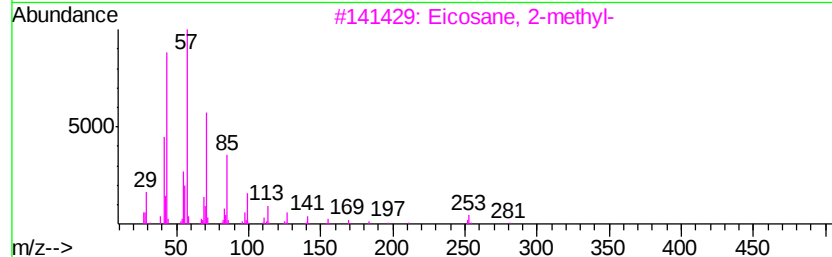
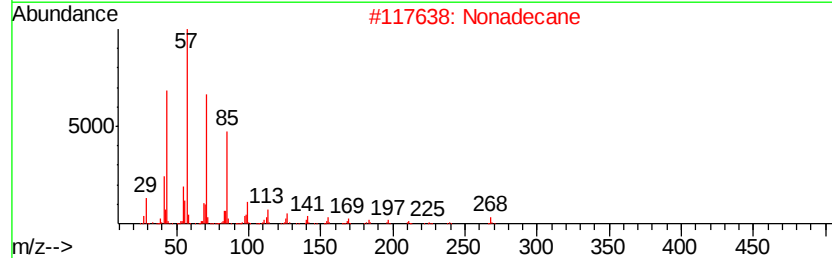
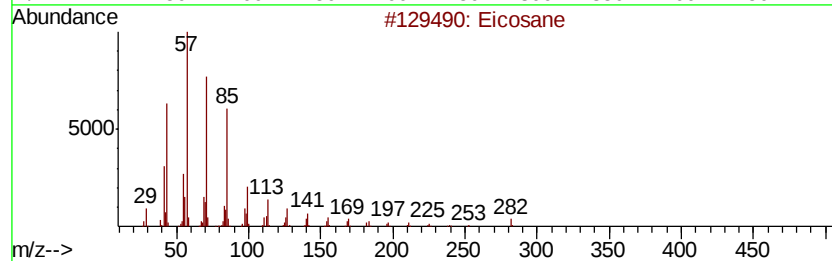
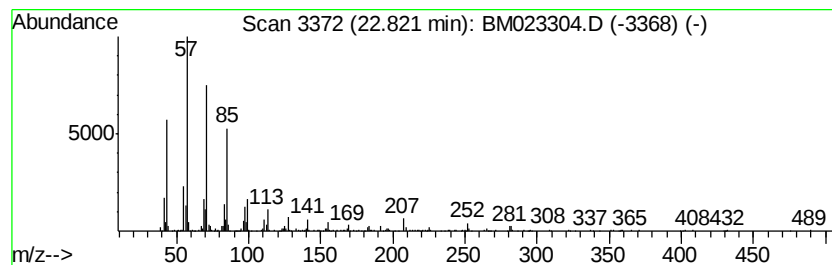
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.25 ng/ul	702931	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



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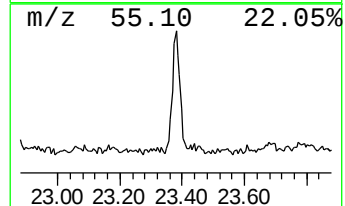
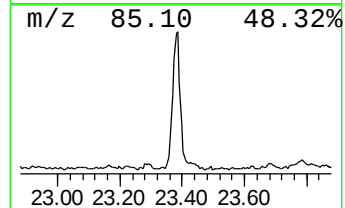
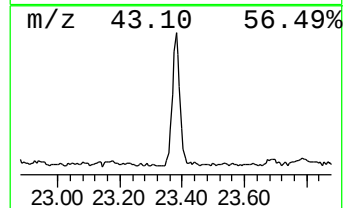
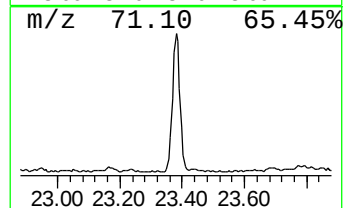
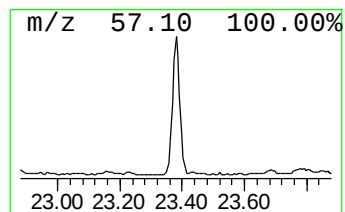
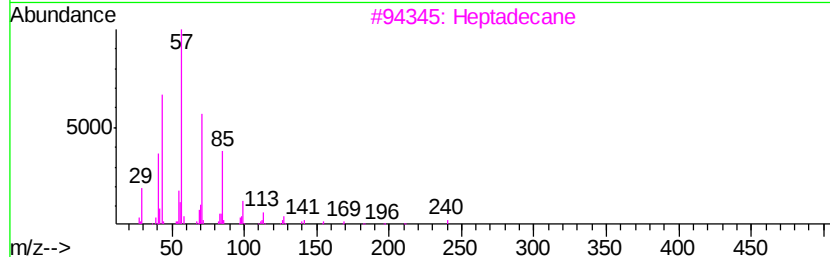
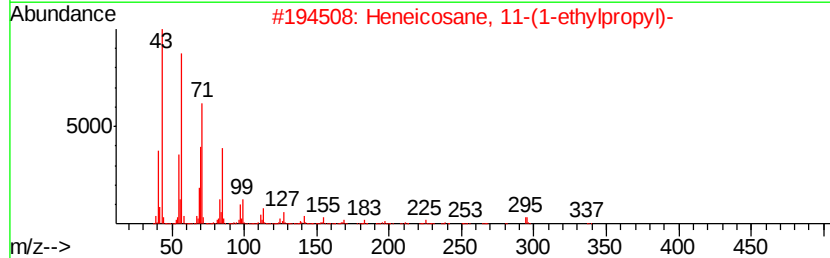
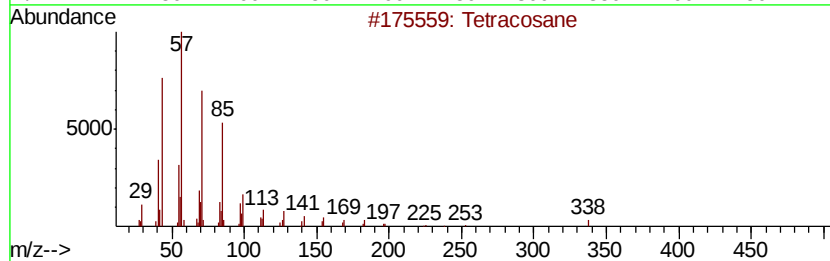
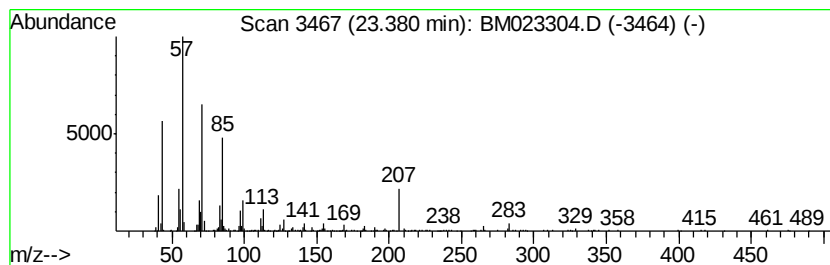
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	2.30 ng/ul	718819	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	81
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
3		Heptadecane	240	C17H36	000629-78-7	74
4		Heneicosane	296	C21H44	000629-94-7	74
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72



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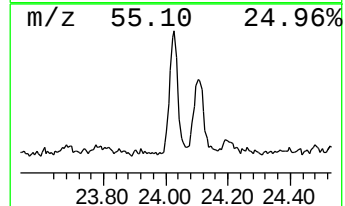
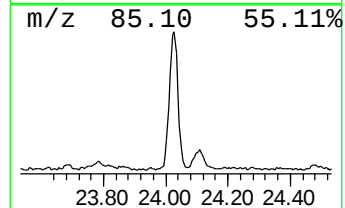
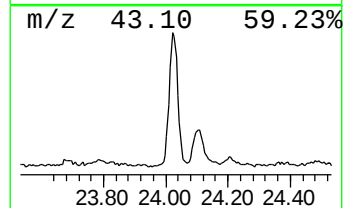
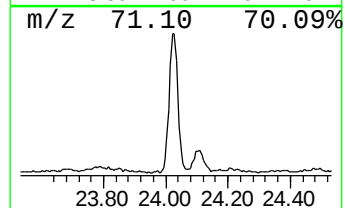
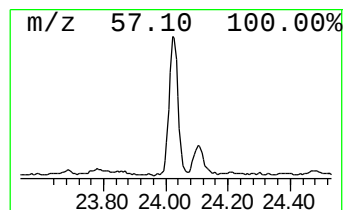
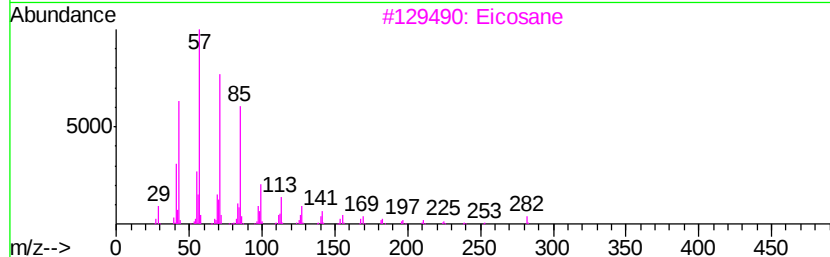
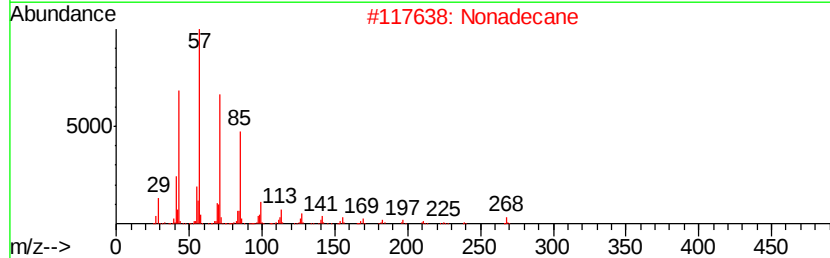
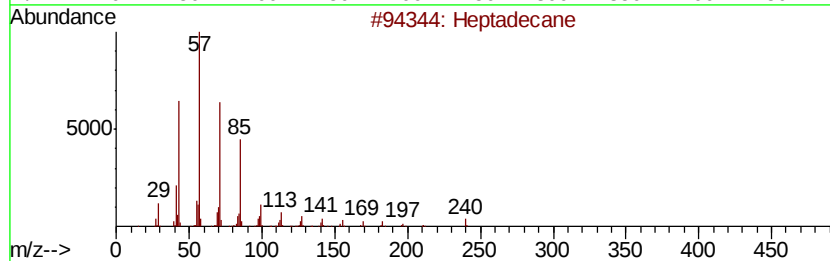
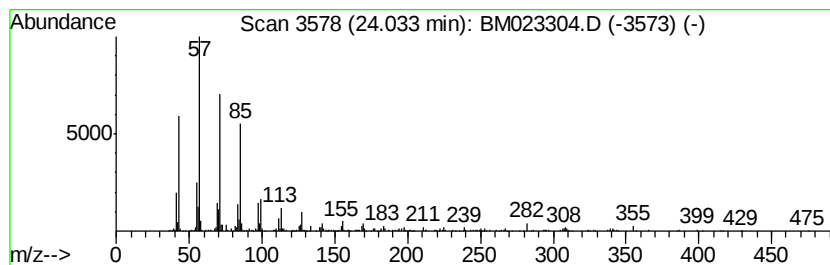
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Quant Title : SVOA CALIBRATION

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.
24.03	2.91 ng/ul	907735	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Eicosane	282	C20H42	000112-95-8	94
4		Octadecane	254	C18H38	000593-45-3	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023304.D
Acq On : 20 Oct 2019 01:50
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0027

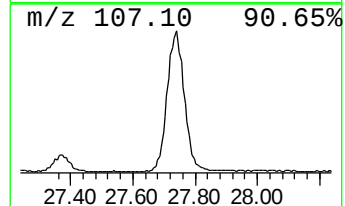
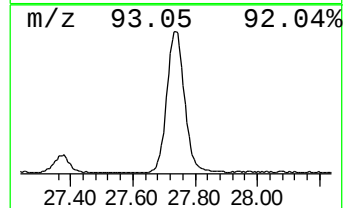
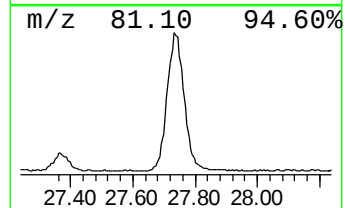
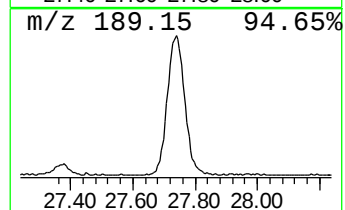
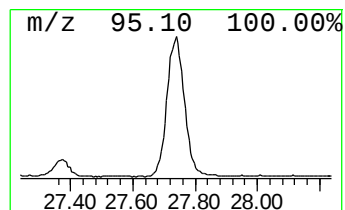
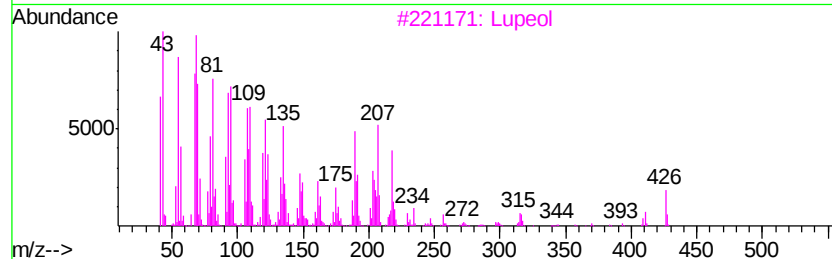
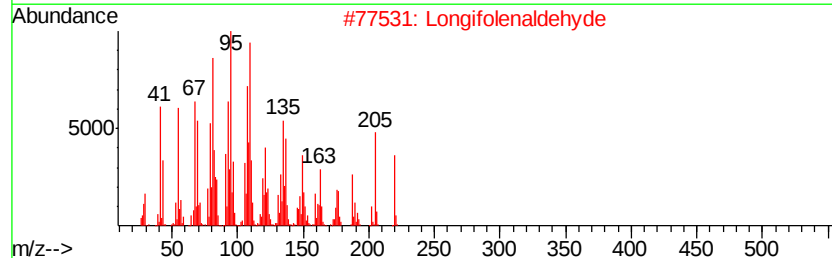
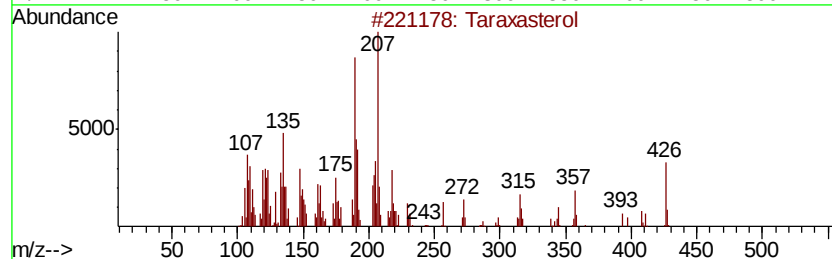
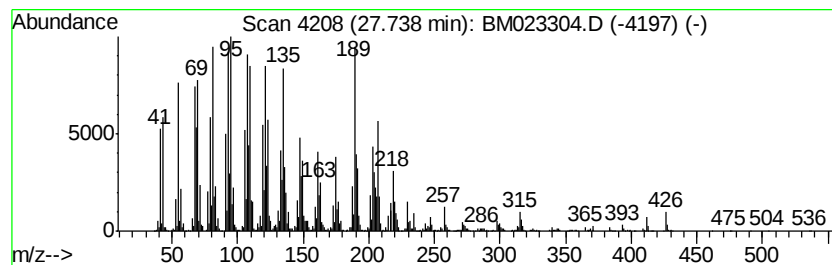
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Taraxasterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	55.31 ng/ul	17276300	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Taraxasterol	426	C30H50O	001059-14-9	83
2		Longifolenaldehyde	220	C15H24O	019890-84-7	64
3		Lupeol	426	C30H50O	000545-47-1	55
4		Caparratriene	206	C15H26	1000374-08-7	49
5		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101919\
Data File : BM023304.D
Acq On : 20 Oct 2019 01:50
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
(DEL) Alkane: Cyc...	20.98	4.2	ng/ul	1240750	5	21.23	5924880	20.0
(DEL) Alkane: Str...	21.85	2.0	ng/ul	605846	5	21.23	5924880	20.0
(DEL) Alkane: Str...	22.82	2.3	ng/ul	702931	6	23.43	6247530	20.0
(DEL) Alkane: Str...	23.38	2.3	ng/ul	718819	6	23.43	6247530	20.0
(DEL) Alkane: Str...	24.03	2.9	ng/ul	907735	6	23.43	6247530	20.0
Taraxasterol	27.74	55.3	ng/ul	17276300	6	23.43	6247530	20.0