

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029442.D
 Acq On : 09 Apr 2021 21:40
 Operator : CG/JU
 Sample : M1881-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF8

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-BM040721MA.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	2.928	3	7	30	rVB	3395171	4207752	100.00%	23.399%
2	3.193	50	52	59	rVB3	9690	12990	0.31%	0.072%
3	3.704	135	139	143	rBV4	12652	16869	0.40%	0.094%
4	3.828	155	160	165	rVB2	26151	38933	0.93%	0.217%
5	3.916	171	175	180	rVB	11237	15730	0.37%	0.087%
6	4.287	236	238	242	rVB4	5640	4786	0.11%	0.027%
7	4.822	325	329	341	rVB	24917	48244	1.15%	0.268%
8	5.693	473	477	480	rBV3	6172	8513	0.20%	0.047%
9	6.857	667	675	689	rBV2	188467	390720	9.29%	2.173%
10	7.028	697	704	713	rBV	139091	231581	5.50%	1.288%
11	7.222	730	737	749	rVV	203782	327122	7.77%	1.819%
12	7.322	749	754	760	rVB6	5339	8041	0.19%	0.045%
13	7.687	809	816	824	rBV	475584	739829	17.58%	4.114%
14	8.386	926	935	945	rBV	86228	152467	3.62%	0.848%
15	8.504	950	955	964	rBV	78004	134140	3.19%	0.746%
16	8.628	972	976	984	rBV2	5139	10967	0.26%	0.061%
17	8.839	1004	1012	1023	rBV	178770	303580	7.21%	1.688%
18	8.951	1026	1031	1035	rVV2	5703	9424	0.22%	0.052%
19	9.010	1038	1041	1045	rVB5	3795	4916	0.12%	0.027%
20	9.275	1081	1086	1088	rBV2	4409	5533	0.13%	0.031%
21	9.557	1127	1134	1141	rBV	140462	237062	5.63%	1.318%
22	9.704	1153	1159	1165	rBV3	11218	23175	0.55%	0.129%
23	9.916	1188	1195	1202	rBV3	16249	26009	0.62%	0.145%
24	10.086	1218	1224	1235	rBV	190741	324322	7.71%	1.804%
25	10.463	1281	1288	1297	rVB	578375	978189	23.25%	5.440%
26	10.604	1304	1312	1328	rBV	137074	256745	6.10%	1.428%
27	11.010	1375	1381	1387	rBV8	5234	11052	0.26%	0.061%
28	11.257	1418	1423	1428	rBV5	6610	13091	0.31%	0.073%
29	11.833	1516	1521	1528	rBV5	4351	8736	0.21%	0.049%
30	12.057	1553	1559	1564	rVV6	2803	5625	0.13%	0.031%
31	12.939	1701	1709	1712	rVB7	2390	4672	0.11%	0.026%
32	13.157	1742	1746	1751	rBV5	3668	4851	0.12%	0.027%
33	13.227	1754	1758	1765	rVB4	3326	5678	0.13%	0.032%
34	13.733	1838	1844	1849	rBV	341579	461864	10.98%	2.568%

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35	13.780	1849	1852	1857	rVB	24713	32290	0.77%	0.180%
36	14.010	1883	1891	1902	rBV	360266	543868	12.93%	3.024%
37	14.239	1926	1930	1933	rVB5	3342	5100	0.12%	0.028%
38	14.321	1937	1944	1952	rBV	774703	1101467	26.18%	6.125%
39	14.521	1972	1978	1989	rBV	94672	166271	3.95%	0.925%
40	14.745	2012	2016	2022	rBV4	22563	33899	0.81%	0.189%
41	15.157	2078	2086	2087	rBV5	4476	8193	0.19%	0.046%
42	15.192	2087	2092	2095	rVB3	3612	5063	0.12%	0.028%
43	15.315	2105	2113	2121	rBV	454672	637626	15.15%	3.546%
44	15.433	2127	2133	2140	rBV	70003	99394	2.36%	0.553%
45	15.557	2151	2154	2158	rBV3	4080	5340	0.13%	0.030%
46	16.051	2233	2238	2240	rBV4	3515	5484	0.13%	0.030%
47	16.110	2244	2248	2252	rVB5	3951	5469	0.13%	0.030%
48	16.310	2279	2282	2285	rBV4	4228	5259	0.12%	0.029%
49	16.615	2329	2334	2343	rVB	16473	25143	0.60%	0.140%
50	16.809	2361	2367	2369	rBV3	5664	8684	0.21%	0.048%
51	16.845	2370	2373	2377	rVB5	4201	5916	0.14%	0.033%
52	17.062	2404	2410	2415	rBV	791505	1099050	26.12%	6.112%
53	17.098	2415	2416	2420	rVV2	8333	9189	0.22%	0.051%
54	17.162	2420	2427	2438	rVB	422749	634036	15.07%	3.526%
55	17.568	2492	2496	2501	rBV6	5256	8153	0.19%	0.045%
56	17.739	2521	2525	2532	rVB5	6116	7421	0.18%	0.041%
57	17.827	2537	2540	2546	rBV7	3611	7292	0.17%	0.041%
58	17.962	2556	2563	2571	rBV	114824	181167	4.31%	1.007%
59	18.027	2571	2574	2578	rVV5	14522	22906	0.54%	0.127%
60	18.074	2578	2582	2587	rVB6	11088	15969	0.38%	0.089%
61	18.398	2633	2637	2639	rBV5	5718	7575	0.18%	0.042%
62	18.533	2656	2660	2667	rVB2	13917	19375	0.46%	0.108%
63	18.733	2690	2694	2695	rBV4	4535	5927	0.14%	0.033%
64	18.762	2695	2699	2703	rVV	13824	19018	0.45%	0.106%
65	18.803	2704	2706	2709	rVB3	5685	5752	0.14%	0.032%
66	19.009	2731	2741	2752	rBV7	17917	69712	1.66%	0.388%
67	19.121	2756	2760	2766	rVB	25207	36403	0.87%	0.202%
68	19.245	2777	2781	2788	rBV	70247	108657	2.58%	0.604%
69	19.450	2811	2816	2825	rBV	555763	774680	18.41%	4.308%
70	20.439	2981	2984	2987	rBV3	18924	22503	0.53%	0.125%
71	20.962	3070	3073	3081	rBV	127882	181522	4.31%	1.009%

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72	21.239	3115	3120	3124	rBV	850901	1061650	25.23%	5.904%
73	22.786	3380	3383	3388	rVB	83738	104753	2.49%	0.583%
74	23.309	3466	3472	3476	rBV	383083	705041	16.76%	3.921%
75	23.450	3489	3496	3506	rVB	615592	1147314	27.27%	6.380%

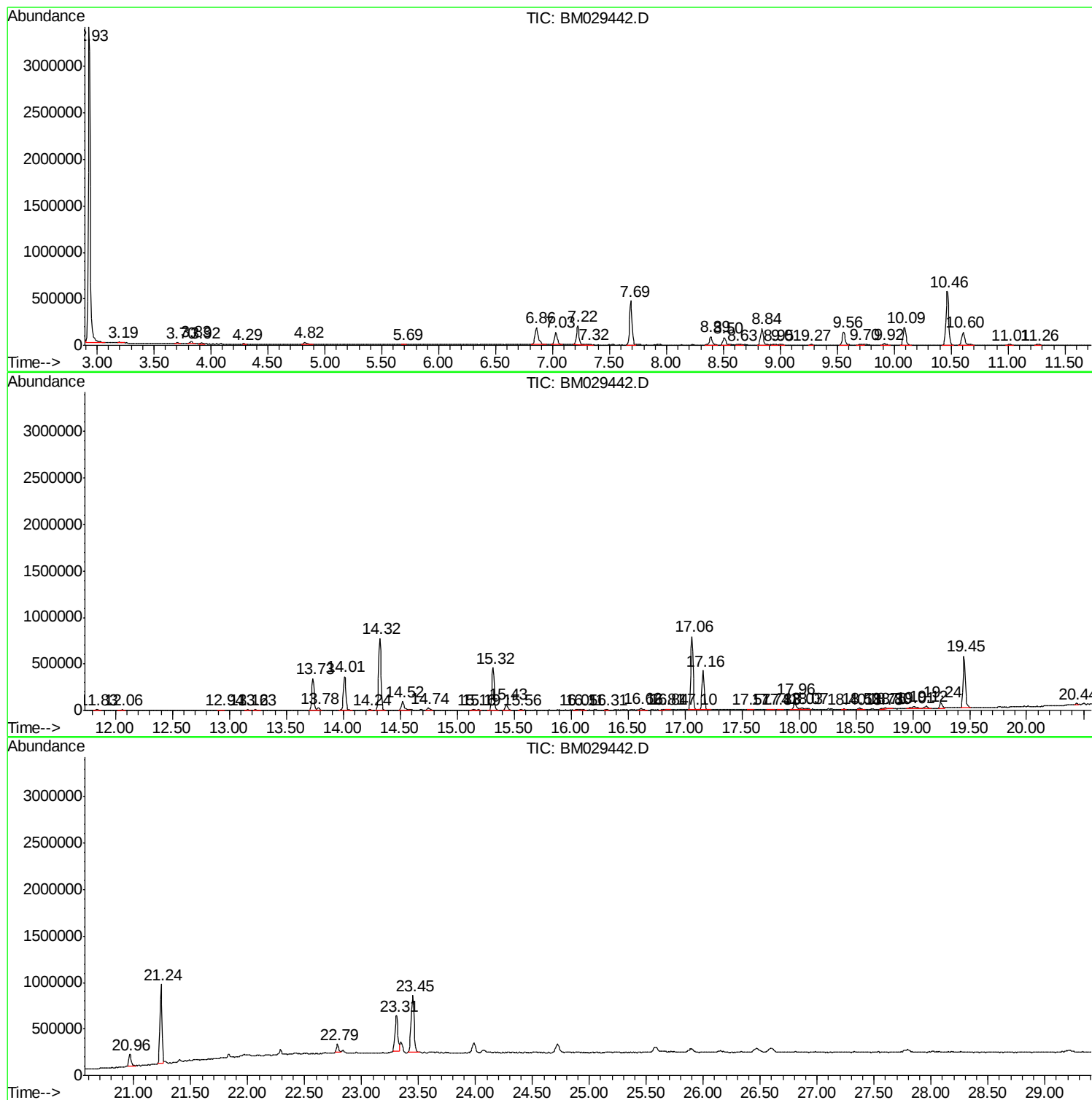
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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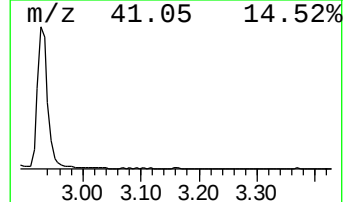
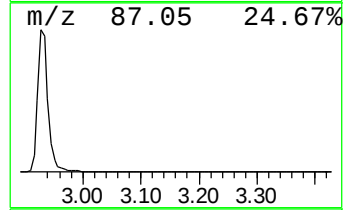
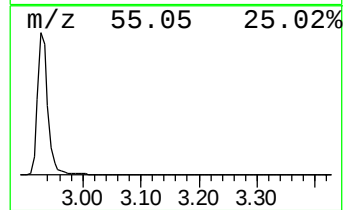
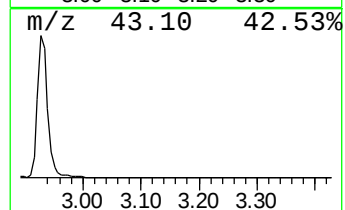
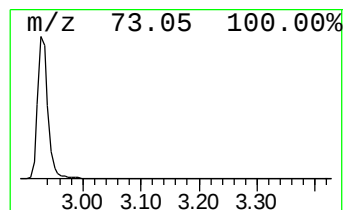
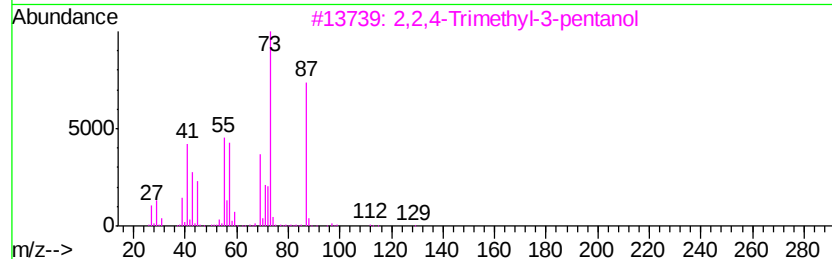
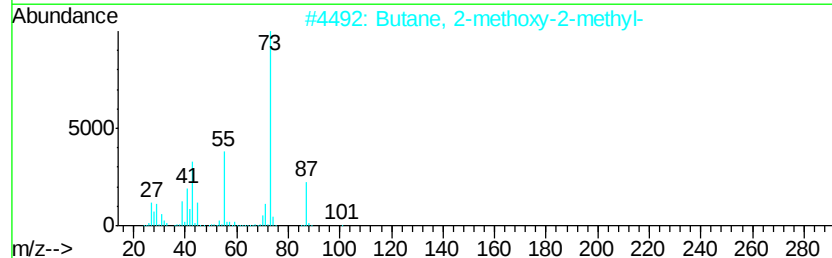
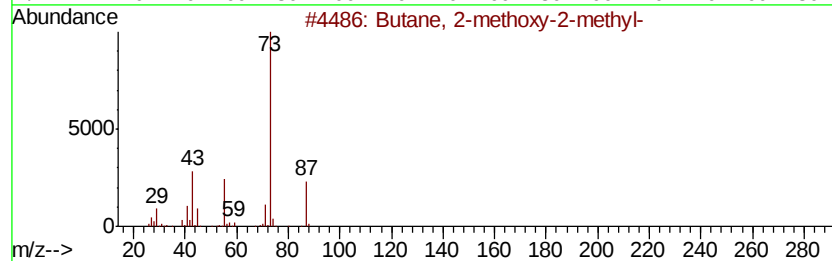
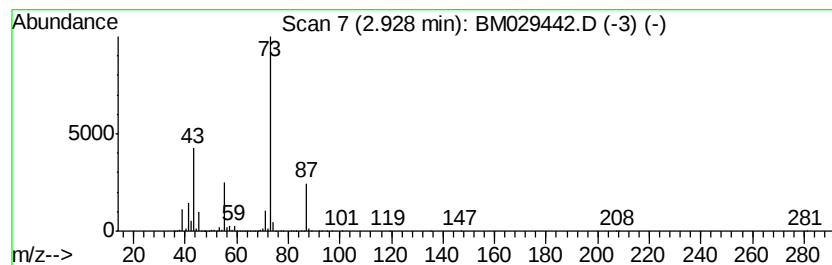
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	113.75 ng/ul	4207750	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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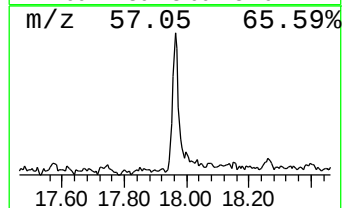
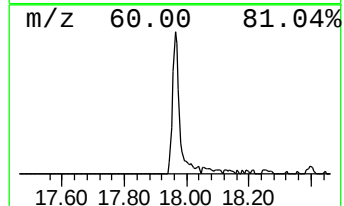
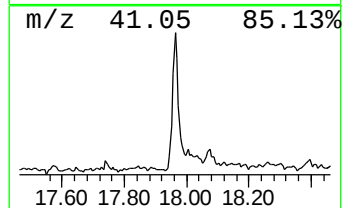
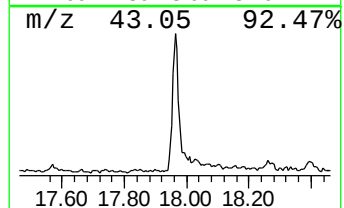
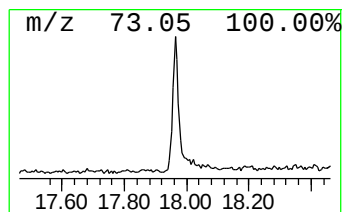
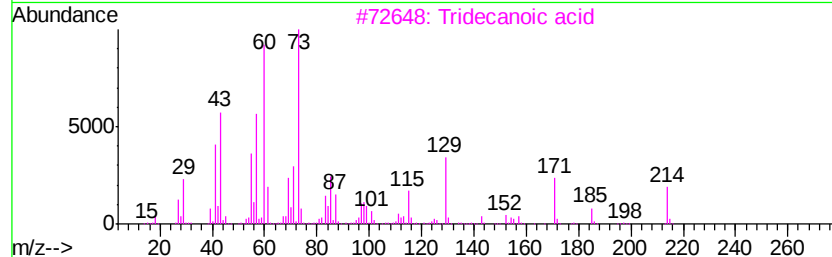
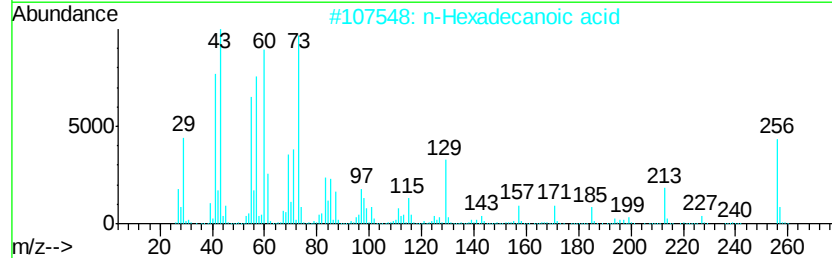
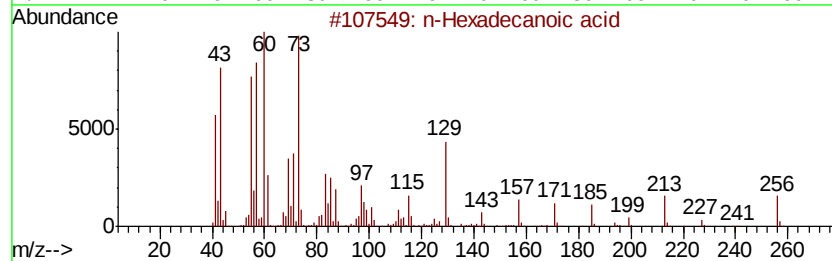
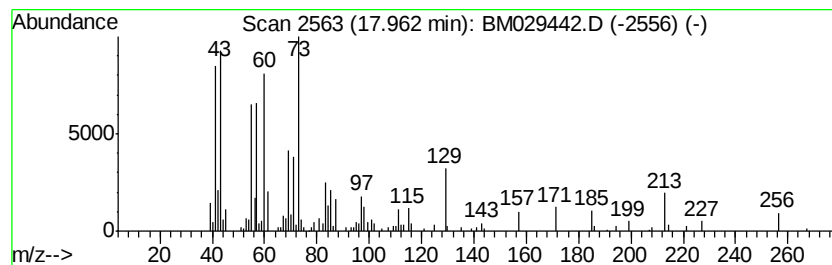
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.30 ng/ul	181167	Phenanthrene-d10	17.06

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	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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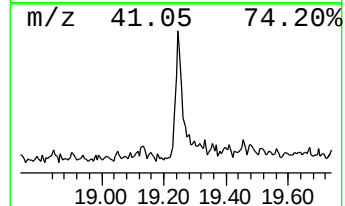
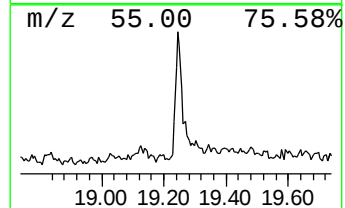
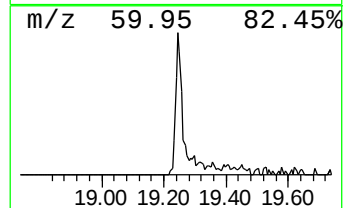
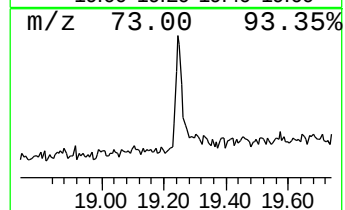
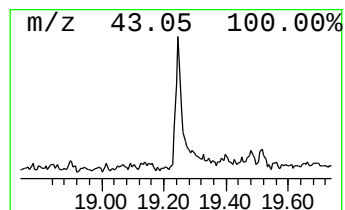
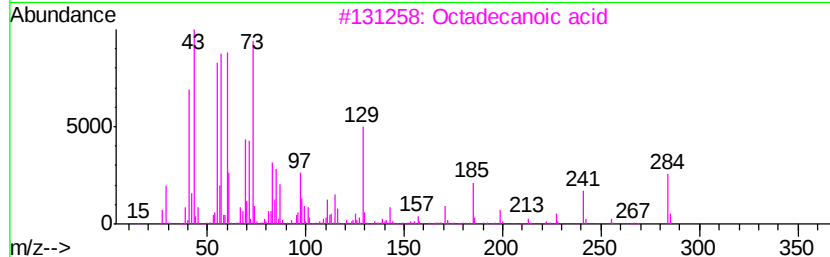
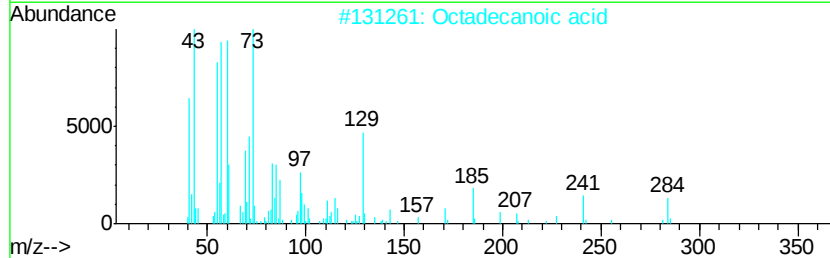
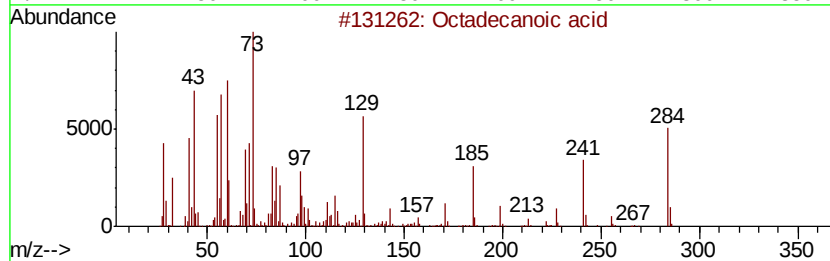
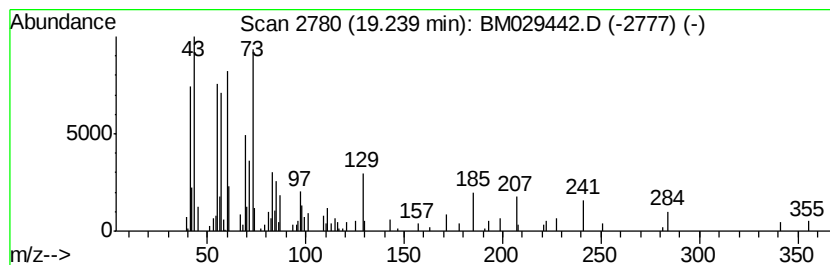
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.05 ng/ul	108657	Chrysene-d12	21.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



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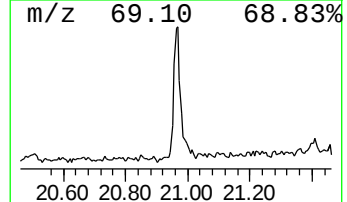
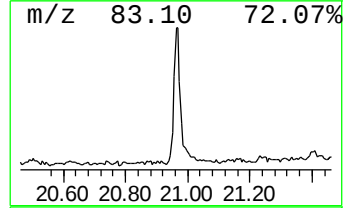
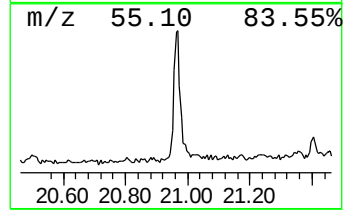
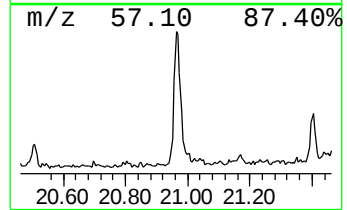
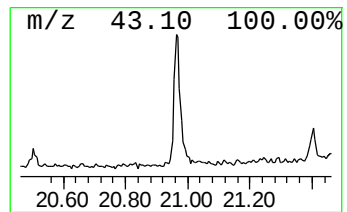
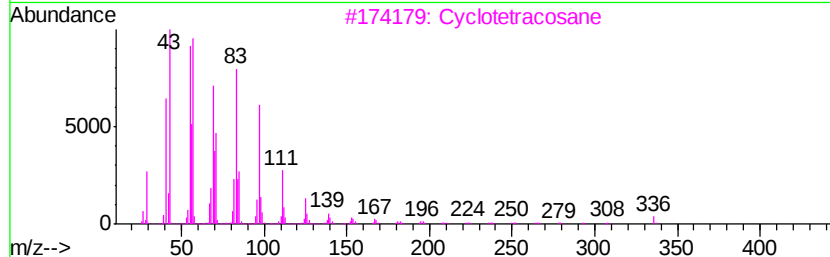
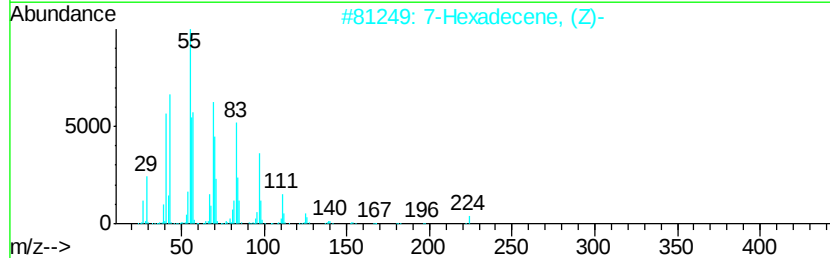
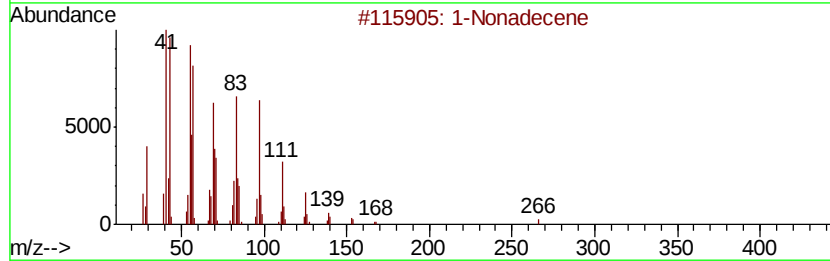
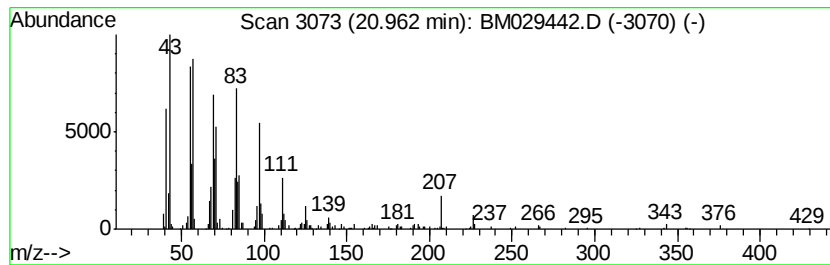
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.42 ng/ul	181522	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029442.D
Acq On : 09 Apr 2021 21:40
Operator : CG/JU
Sample : M1881-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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
Butane, 2-methoxy...	2.93	113.8	ng/ul	4207750	1	7.69	739829	20.0
n-Hexadecanoic acid	17.96	3.3	ng/ul	181167	4	17.06	1099050	20.0
Octadecanoic acid	19.24	2.0	ng/ul	108657	5	21.24	1061650	20.0
(DEL) Alkane: Str...	20.96	3.4	ng/ul	181522	5	21.24	1061650	20.0