

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014537.D
 Acq On : 13 Mar 2018 03:00
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F42

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	6.686	640	646	658	rBV	266907	577745	24.53%	2.065%
2	6.828	664	670	683	rBV	233757	394041	16.73%	1.409%
3	7.016	694	702	714	rBV	349905	615360	26.12%	2.200%
4	7.475	773	780	792	rBV2	324186	583668	24.78%	2.087%
5	8.210	898	905	919	rBV	381485	780823	33.15%	2.791%
6	8.639	971	978	989	rBV	351425	647630	27.49%	2.315%
7	9.357	1093	1100	1112	rBV	317649	638992	27.13%	2.284%
8	9.898	1186	1192	1210	rBV2	345715	833202	35.37%	2.979%
9	10.245	1244	1251	1258	rBV	473881	812311	34.48%	2.904%
10	10.416	1272	1280	1296	rBV	315581	749158	31.80%	2.678%
11	12.363	1607	1611	1616	rBV5	18091	34190	1.45%	0.122%
12	12.463	1622	1628	1638	rVB	88829	162138	6.88%	0.580%
13	12.721	1665	1672	1678	rBV2	116293	182772	7.76%	0.653%
14	13.127	1738	1741	1748	rBV4	14060	30703	1.30%	0.110%
15	13.563	1807	1815	1828	rBV	877743	1377757	58.49%	4.925%
16	13.663	1828	1832	1837	rVB4	29335	38052	1.62%	0.136%
17	13.827	1851	1860	1874	rVB	1006405	1517539	64.42%	5.425%
18	14.139	1907	1913	1924	rVB2	722771	1099428	46.67%	3.930%
19	14.439	1958	1964	1983	rBV3	181719	603100	25.60%	2.156%
20	14.945	2046	2050	2054	rBV2	41512	49736	2.11%	0.178%
21	14.992	2054	2058	2066	rVB2	30785	46269	1.96%	0.165%
22	15.145	2078	2084	2095	rVB	1190577	1763636	74.87%	6.305%
23	15.327	2108	2115	2124	rBV2	284072	530256	22.51%	1.896%
24	15.392	2124	2126	2130	rVB5	20342	28789	1.22%	0.103%
25	15.709	2176	2180	2185	rBV5	14241	27042	1.15%	0.097%
26	16.051	2234	2238	2243	rBV3	27907	37489	1.59%	0.134%
27	16.662	2338	2342	2345	rBV3	16071	28503	1.21%	0.102%
28	16.827	2366	2370	2374	rBV4	20186	28333	1.20%	0.101%
29	16.903	2378	2383	2390	rVV2	995472	1397986	59.35%	4.998%
30	17.003	2394	2400	2412	rBV2	1363718	2014428	85.52%	7.202%
31	17.198	2428	2433	2438	rVB	101468	137761	5.85%	0.492%
32	17.298	2442	2450	2457	rVV9	24009	44826	1.90%	0.160%
33	17.398	2464	2467	2473	rBV4	27103	40324	1.71%	0.144%
34	17.768	2524	2530	2533	rBV7	19160	33392	1.42%	0.119%

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35	17.809	2533	2537	2544	rVV3	185236	285953	12.14%	1.022%
36	17.880	2544	2549	2558	rVB	537476	686506	29.14%	2.454%
37	18.092	2580	2585	2592	rBV5	30340	53621	2.28%	0.192%
38	18.674	2681	2684	2689	rVB7	24120	40820	1.73%	0.146%
39	18.739	2691	2695	2702	rVB3	45401	62846	2.67%	0.225%
40	18.956	2728	2732	2736	rBV6	29764	55829	2.37%	0.200%
41	19.103	2754	2757	2763	rBV6	85418	128283	5.45%	0.459%
42	19.250	2778	2782	2787	rBV4	77333	91319	3.88%	0.326%
43	19.315	2787	2793	2801	rBV	1671383	2355568	100.00%	8.421%
44	19.862	2880	2886	2890	rVB2	166726	212093	9.00%	0.758%
45	20.303	2958	2961	2964	rVB4	60253	54166	2.30%	0.194%
46	20.368	2968	2972	2977	rVB	126087	160279	6.80%	0.573%
47	20.833	3047	3051	3056	rVB2	300728	354691	15.06%	1.268%
48	21.033	3082	3085	3088	rBV	120400	123702	5.25%	0.442%
49	21.127	3095	3101	3110	rBV2	1204745	1716981	72.89%	6.138%
50	23.150	3439	3445	3453	rBV	1227162	2236424	94.94%	7.995%
51	23.285	3463	3468	3478	rVB2	769265	1465531	62.22%	5.239%

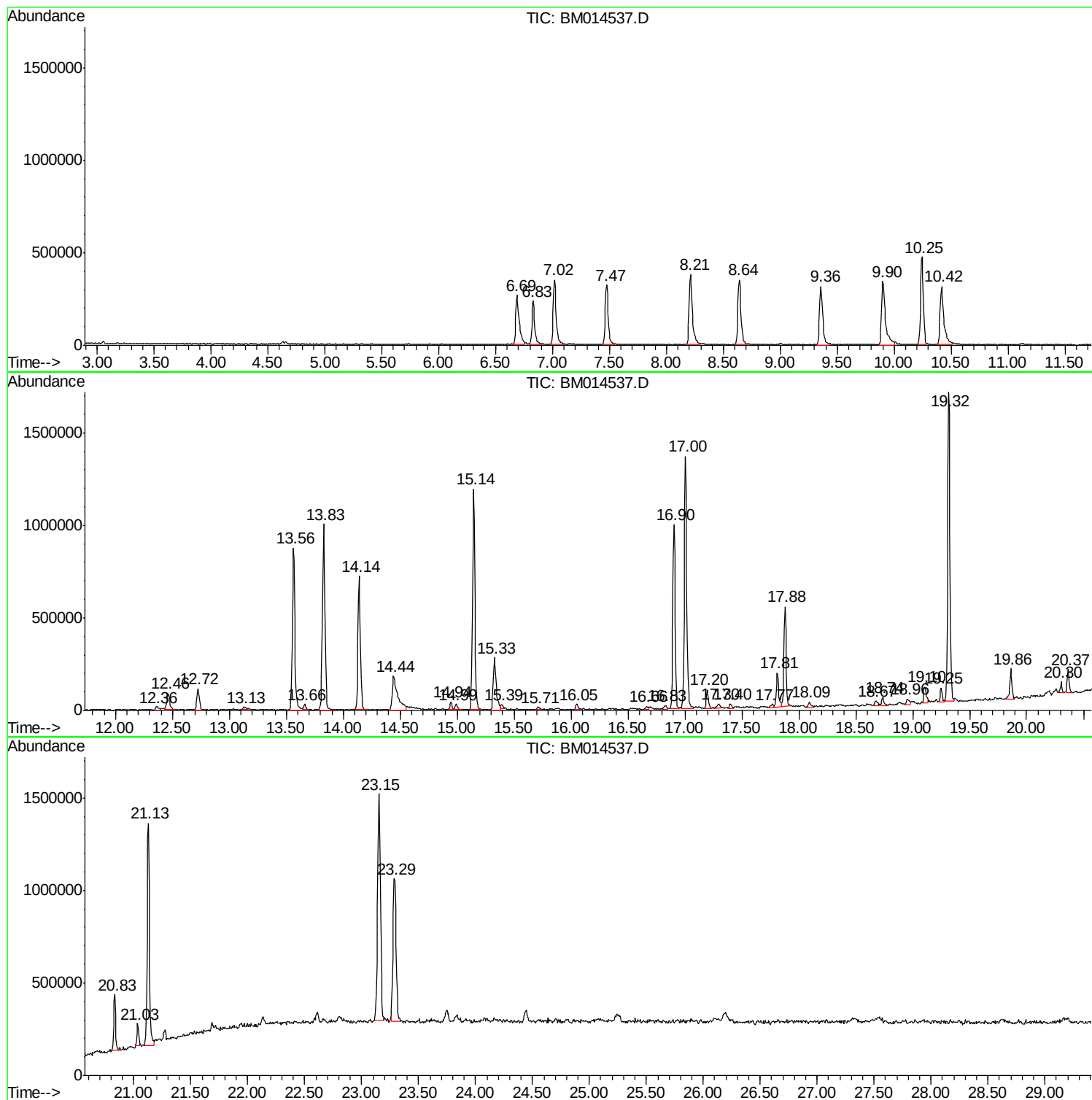
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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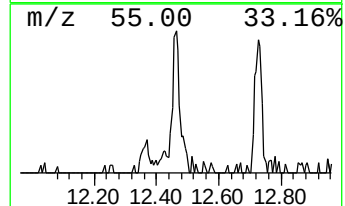
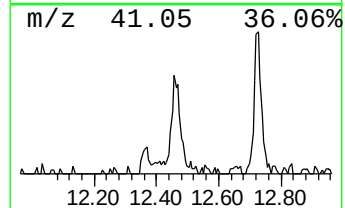
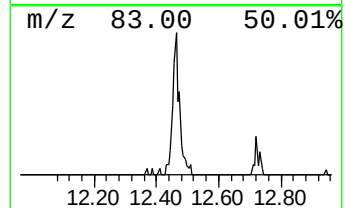
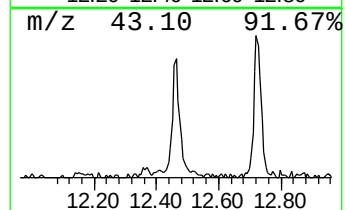
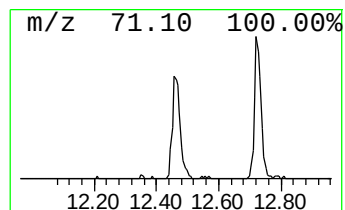
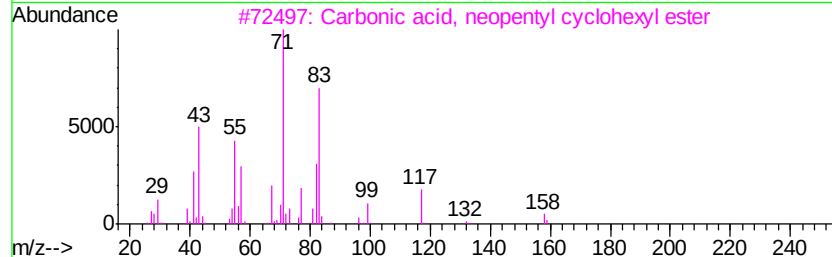
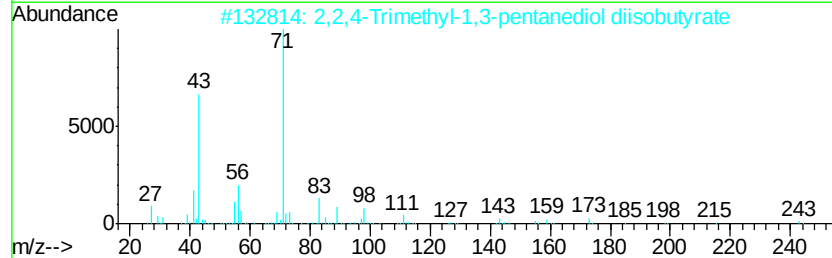
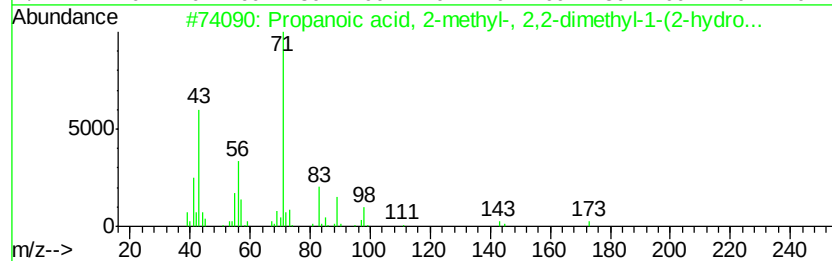
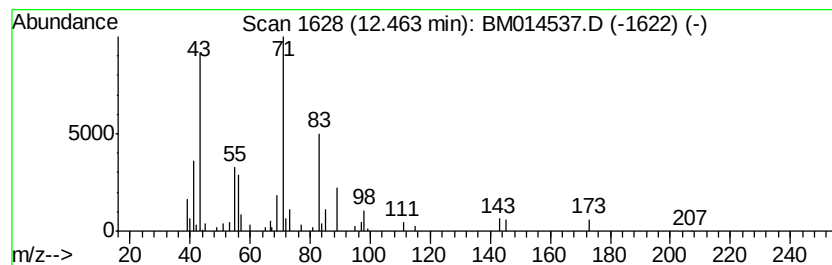
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.95 ng/ul	162138	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	59
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
3		Carbonic acid, neopentyl cyclohe...	214	C12H22O3	1000357-85-5	33
4		4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	32
5		2-Decanone, 5,9-dimethyl-	184	C12H24O	033933-82-3	32



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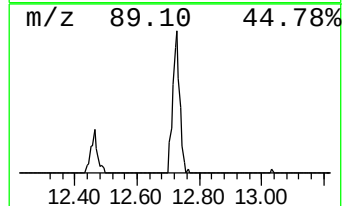
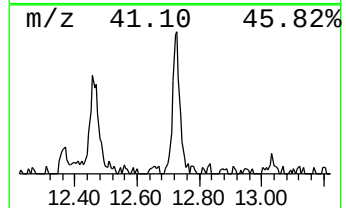
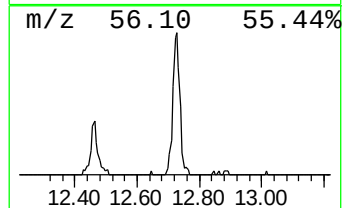
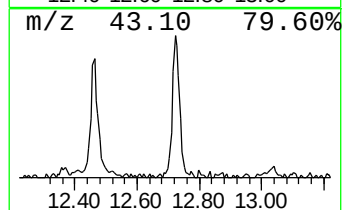
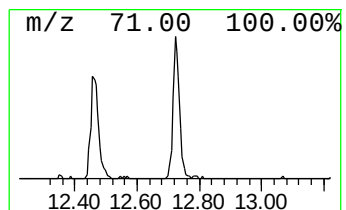
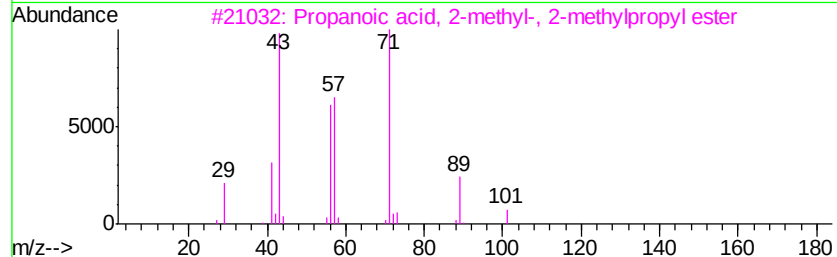
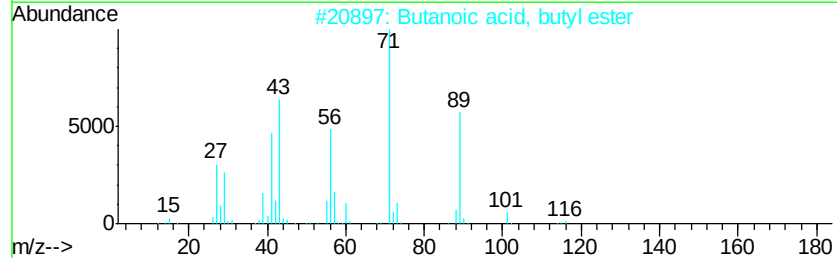
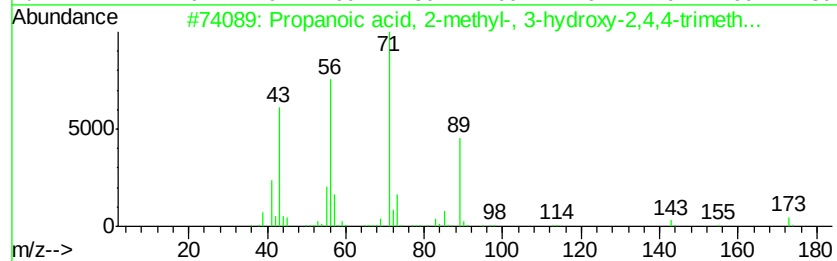
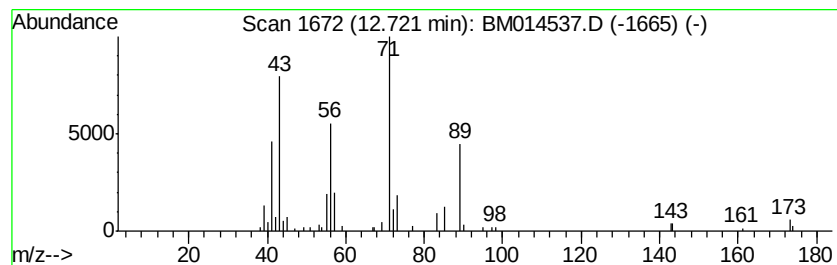
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Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.32 ng/ul	182772	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
3		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	64
4		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
5		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	59



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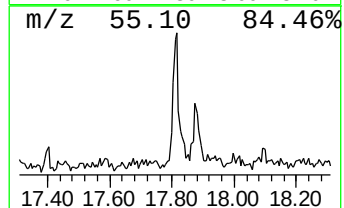
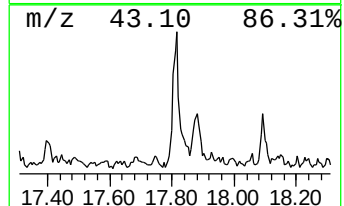
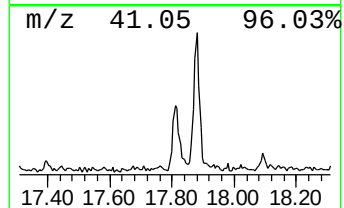
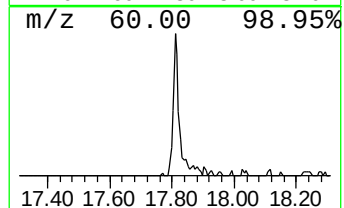
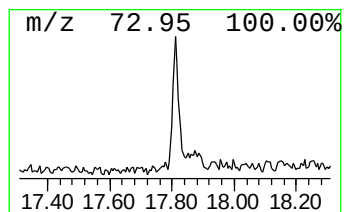
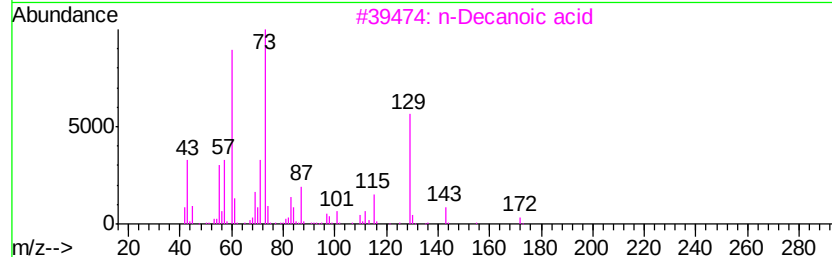
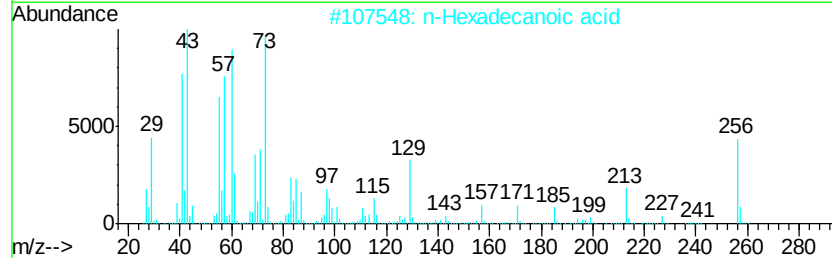
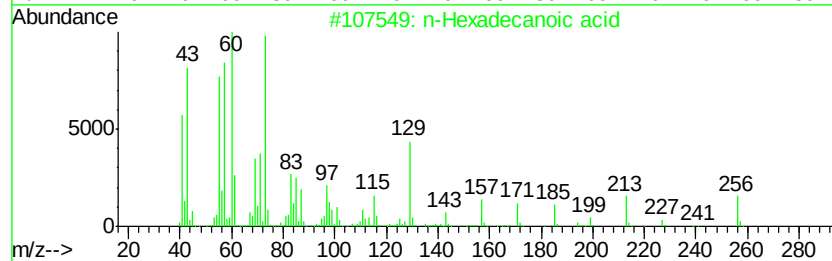
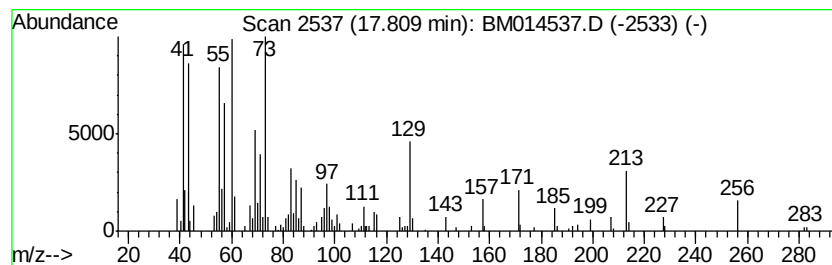
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.81	4.09 ng/ul	285953	Phenanthrene-d10		16.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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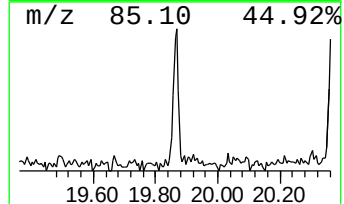
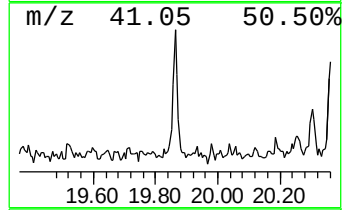
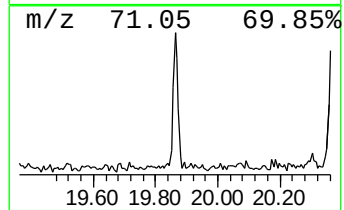
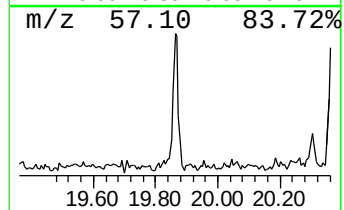
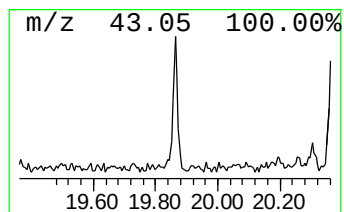
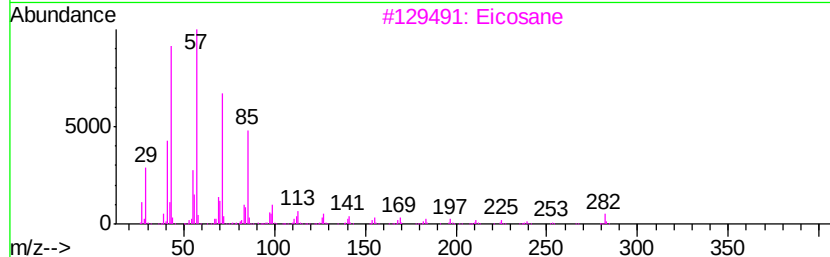
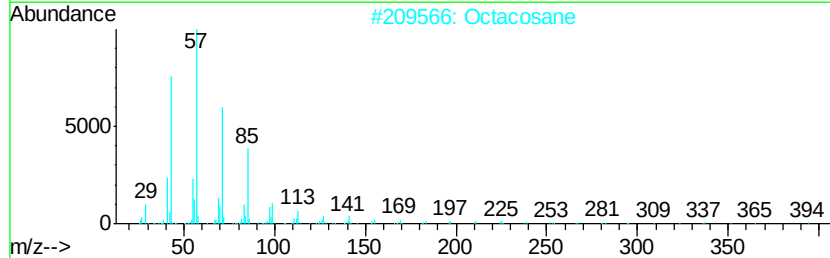
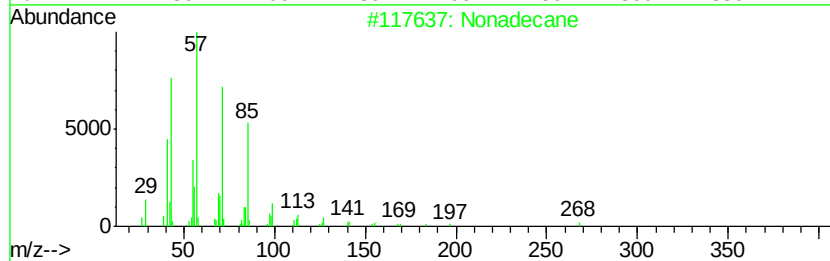
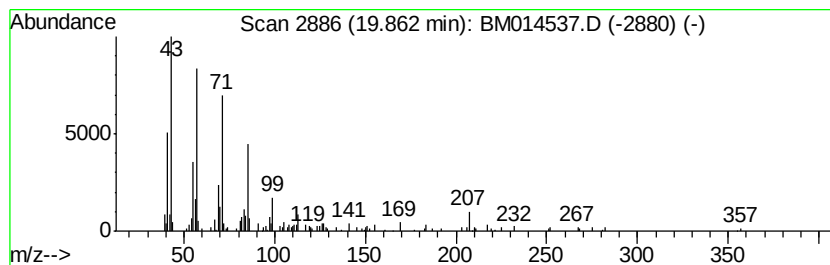
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	2.47 ng/ul	212093	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octacosane	394	C28H58	000630-02-4	74
3		Eicosane	282	C20H42	000112-95-8	74
4		Heneicosane	296	C21H44	000629-94-7	74
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



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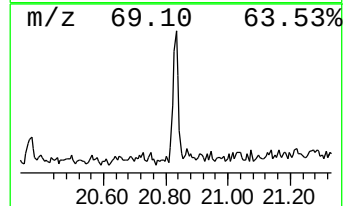
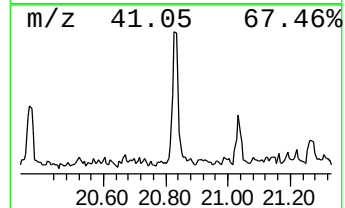
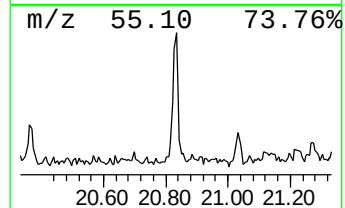
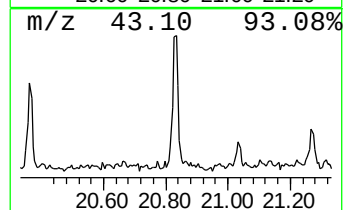
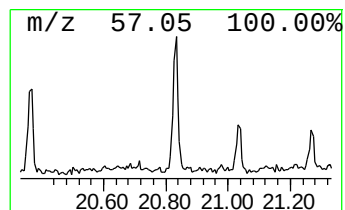
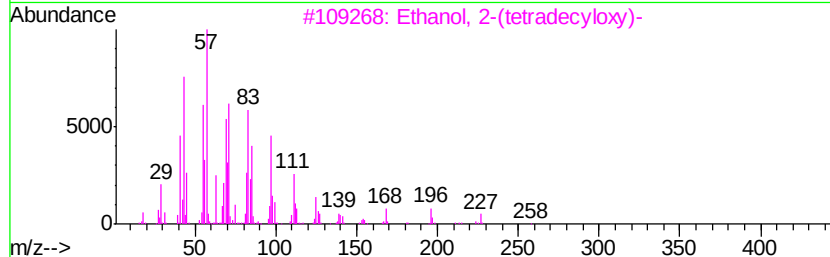
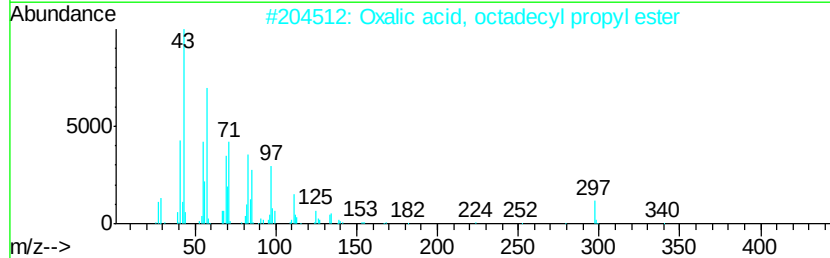
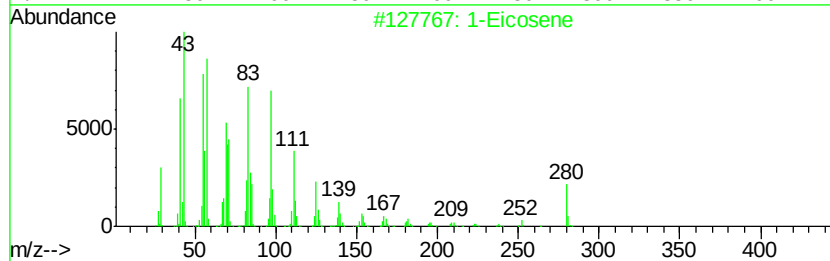
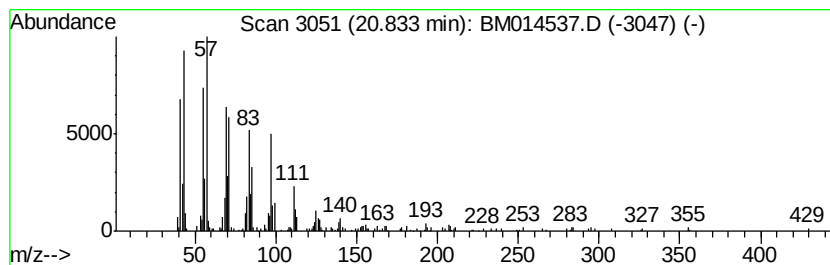
Instrument :
BNA_M
ClientSampleId :
F6F42

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	4.13 ng/ul	354691	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	96
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031218\
Data File : BM014537.D
Acq On : 13 Mar 2018 03:00
Operator : SJ/JU
Sample : J1835-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
Propanoic acid, 2...	12.46	3.0	ng/ul	162138	3	14.14	1099430	20.0
Propanoic acid, 2...	12.72	3.3	ng/ul	182772	3	14.14	1099430	20.0
n-Hexadecanoic acid	17.81	4.1	ng/ul	285953	4	16.90	1397990	20.0
(DEL) Alkane: Str...	19.86	2.5	ng/ul	212093	5	21.13	1716980	20.0
(DEL) Alkane: Cyc...	20.83	4.1	ng/ul	354691	5	21.13	1716980	20.0