

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM031418\
 Data File : BM014569.D
 Acq On : 14 Mar 2018 13:33
 Operator : SJ/JU
 Sample : J1835-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F40

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	4.634	291	297	298	rBV2	15261	21657	1.30%	0.099%
2	4.657	298	301	310	rVB5	19438	36070	2.17%	0.165%
3	6.704	641	649	661	rBV2	146262	385051	23.13%	1.758%
4	6.834	665	671	680	rVV	146903	247182	14.85%	1.129%
5	7.022	698	703	716	rBV	216285	396542	23.82%	1.811%
6	7.475	774	780	793	rBV	405262	711345	42.72%	3.248%
7	8.222	901	907	921	rBV2	233517	512889	30.80%	2.342%
8	8.645	972	979	995	rBV2	244015	455602	27.36%	2.081%
9	9.363	1094	1101	1113	rBV	209654	428729	25.75%	1.958%
10	9.916	1189	1195	1217	rBV2	224836	596961	35.85%	2.726%
11	10.245	1242	1251	1264	rBV	601616	1058693	63.59%	4.835%
12	10.427	1276	1282	1295	rBV2	172882	455441	27.35%	2.080%
13	11.122	1395	1400	1405	rBV5	10167	20892	1.25%	0.095%
14	12.363	1607	1611	1615	rBV4	12491	19943	1.20%	0.091%
15	12.463	1623	1628	1638	rVB4	75317	139613	8.39%	0.638%
16	12.727	1667	1673	1683	rBV2	91644	141820	8.52%	0.648%
17	13.033	1720	1725	1729	rVB4	10974	19635	1.18%	0.090%
18	13.121	1733	1740	1748	rBV6	32577	83791	5.03%	0.383%
19	13.380	1777	1784	1786	rBV6	18407	32596	1.96%	0.149%
20	13.568	1809	1816	1828	rBV	646831	975714	58.60%	4.456%
21	13.663	1828	1832	1838	rVB3	37884	54780	3.29%	0.250%
22	13.833	1849	1861	1870	rBV	726680	1086055	65.23%	4.960%
23	14.145	1907	1914	1921	rVB2	884087	1368881	82.22%	6.251%
24	14.486	1966	1972	1987	rBV2	107118	360012	21.62%	1.644%
25	14.945	2046	2050	2054	rBV3	34522	47388	2.85%	0.216%
26	14.998	2054	2059	2064	rVB3	34922	46309	2.78%	0.211%
27	15.151	2079	2085	2097	rBV	789945	1236785	74.28%	5.648%
28	15.345	2113	2118	2124	rBV2	166294	306184	18.39%	1.398%
29	15.392	2124	2126	2130	rVV5	27101	45291	2.72%	0.207%
30	15.427	2130	2132	2138	rVB6	22185	31410	1.89%	0.143%
31	15.715	2176	2181	2186	rVB7	16886	27016	1.62%	0.123%
32	16.057	2233	2239	2242	rBV5	24712	37878	2.28%	0.173%
33	16.833	2366	2371	2373	rBV5	27014	38267	2.30%	0.175%
34	16.909	2377	2384	2391	rBV2	1162357	1664956	100.00%	7.603%

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35	17.009	2395	2401	2411	rBV2	860806	1338453	80.39%	6.112%
36	17.198	2428	2433	2437	rBV	129068	169051	10.15%	0.772%
37	17.298	2446	2450	2458	rVB8	31443	53907	3.24%	0.246%
38	17.398	2465	2467	2471	rBV3	15910	22289	1.34%	0.102%
39	17.698	2514	2518	2523	rBV8	14246	23818	1.43%	0.109%
40	17.762	2525	2529	2531	rVV5	17268	26429	1.59%	0.121%
41	17.815	2534	2538	2545	rVV3	155062	242987	14.59%	1.110%
42	17.880	2545	2549	2556	rVB	641477	826180	49.62%	3.773%
43	18.098	2582	2586	2590	rBV7	20232	29612	1.78%	0.135%
44	18.680	2682	2685	2689	rVB6	21975	26494	1.59%	0.121%
45	18.739	2691	2695	2698	rBV4	52911	54939	3.30%	0.251%
46	18.962	2731	2733	2735	rBV3	23214	17757	1.07%	0.081%
47	19.109	2754	2758	2765	rBV9	59097	117889	7.08%	0.538%
48	19.250	2778	2782	2786	rVB5	67884	83057	4.99%	0.379%
49	19.327	2789	2795	2801	rBV	1024924	1452109	87.22%	6.631%
50	19.868	2883	2887	2891	rVB	116997	160249	9.62%	0.732%
51	20.197	2940	2943	2947	rBV5	90876	114281	6.86%	0.522%
52	20.244	2948	2951	2959	rVV9	72088	142521	8.56%	0.651%
53	20.309	2960	2962	2967	rVB5	74221	66562	4.00%	0.304%
54	20.368	2969	2972	2976	rBV	96830	107815	6.48%	0.492%
55	20.833	3048	3051	3055	rBV2	221271	244817	14.70%	1.118%
56	21.039	3083	3086	3089	rBV	91368	110164	6.62%	0.503%
57	21.133	3097	3102	3108	rBV2	1061525	1427418	85.73%	6.518%
58	23.168	3443	3448	3456	rVB2	488152	949407	57.02%	4.336%
59	23.303	3466	3471	3478	rVB	550373	998786	59.99%	4.561%

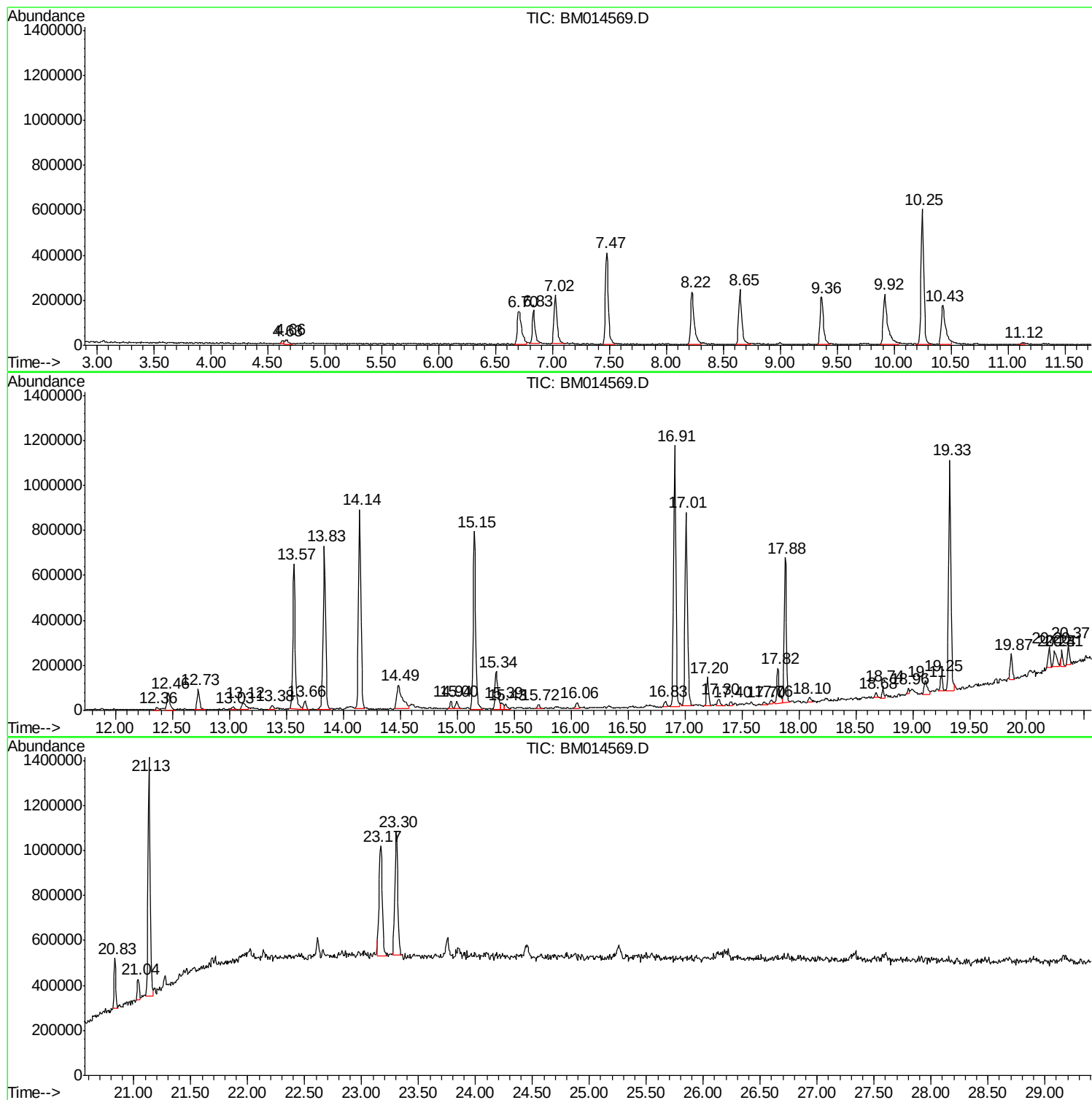
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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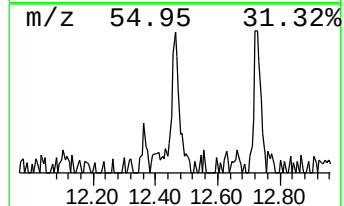
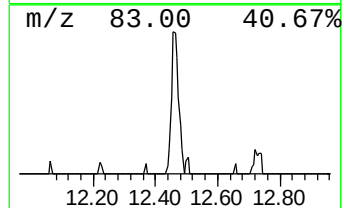
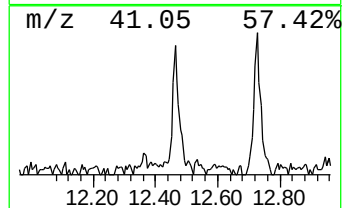
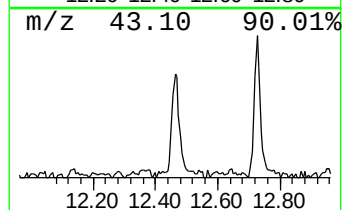
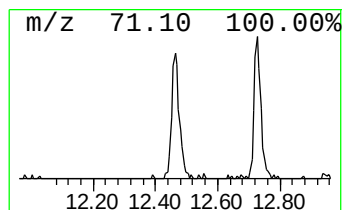
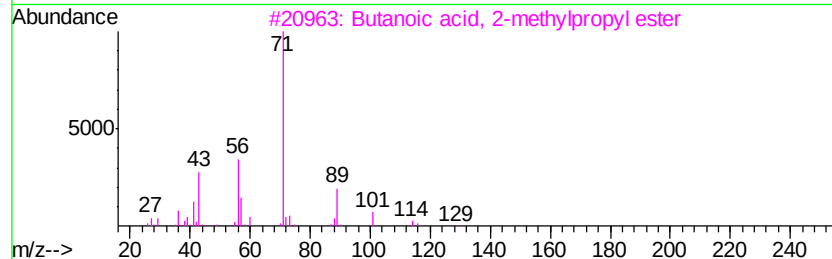
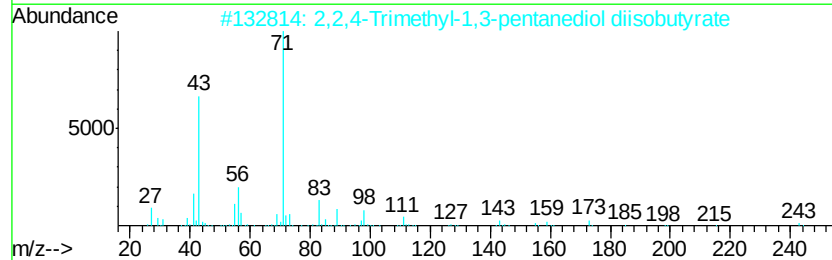
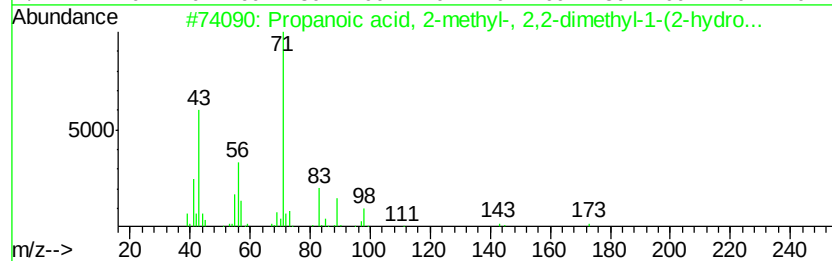
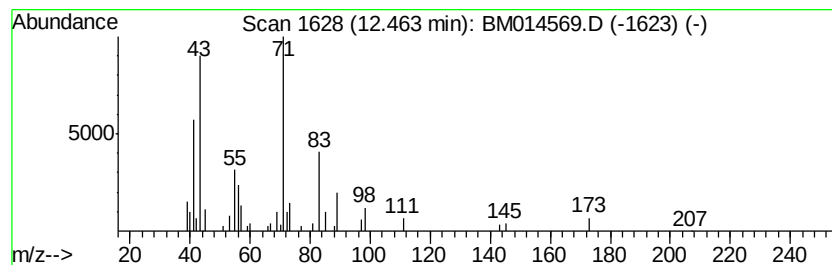
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.04 ng/ul	139613	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		Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	47
4		Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	47
5		Oxirane, propyl-	86	C5H10O	001003-14-1	38



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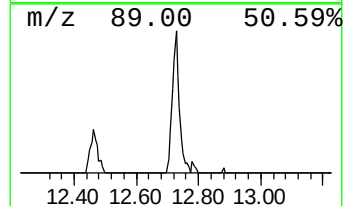
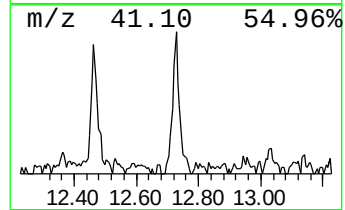
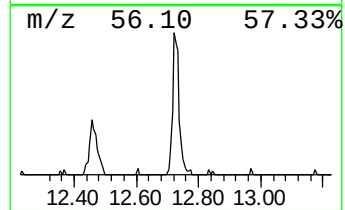
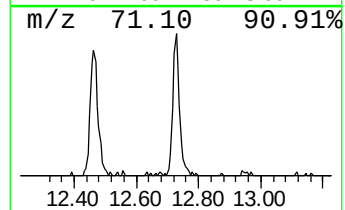
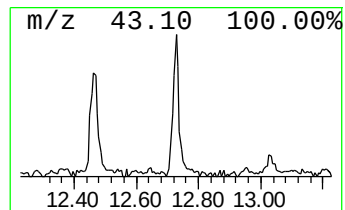
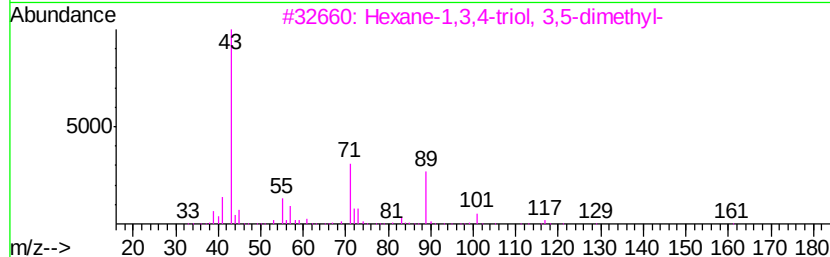
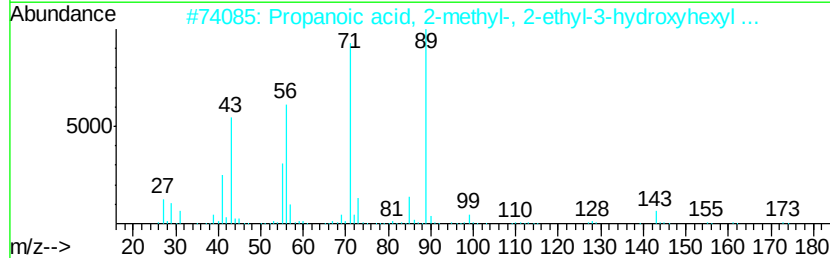
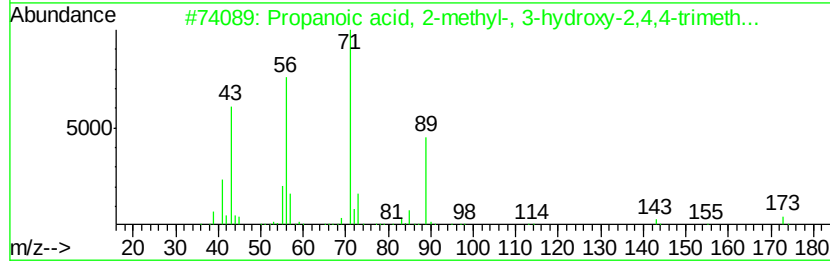
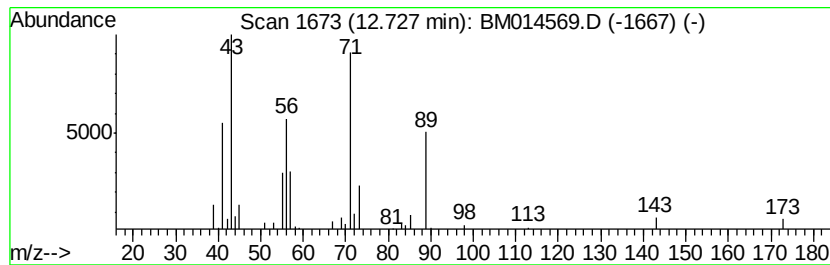
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.07 ng/ul	141820	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	78
2		Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
3		Hexane-1,3,4-triol, 3,5-dimethyl-	162	C8H18O3	1000268-02-6	50
4		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	45
5		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	40



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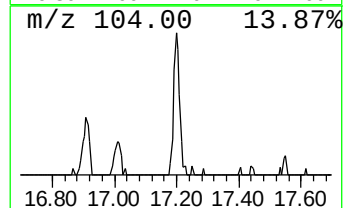
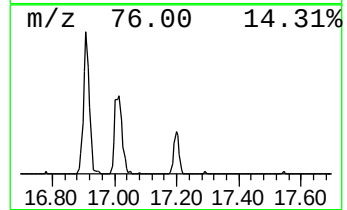
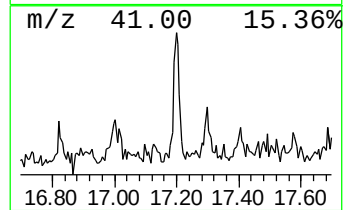
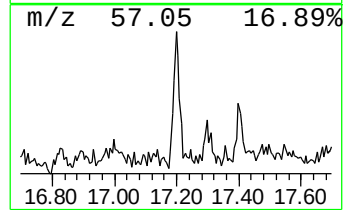
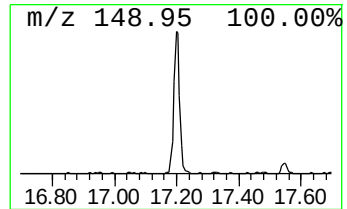
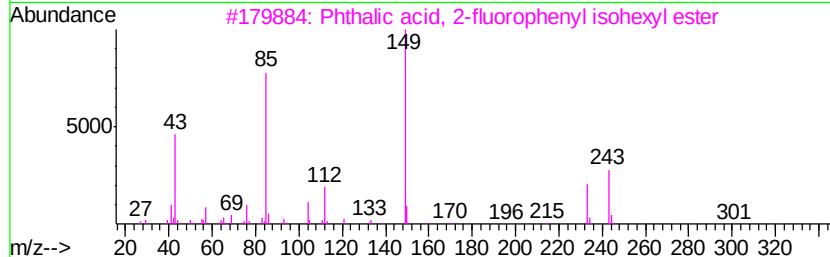
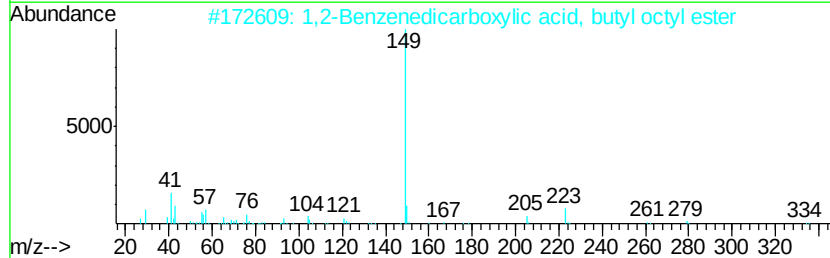
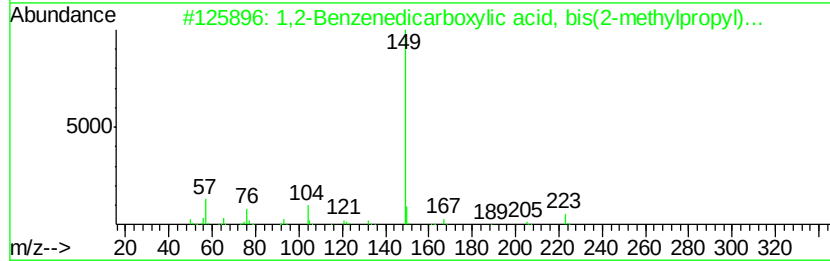
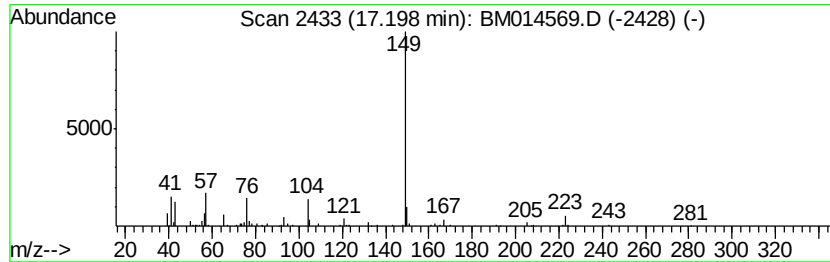
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Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.03 ng/ul	169051	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78
3		Phthalic acid, 2-fluorophenyl is...	344	C20H21F04	1000360-51-5	78
4		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	72
5		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	72



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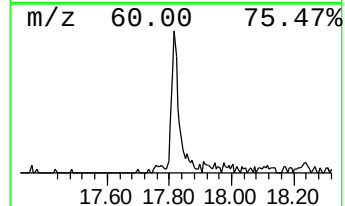
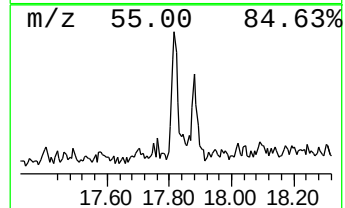
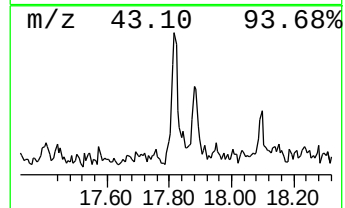
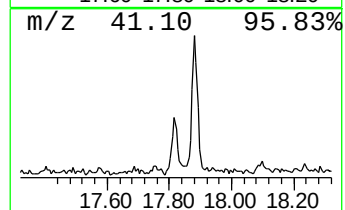
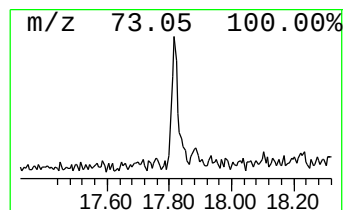
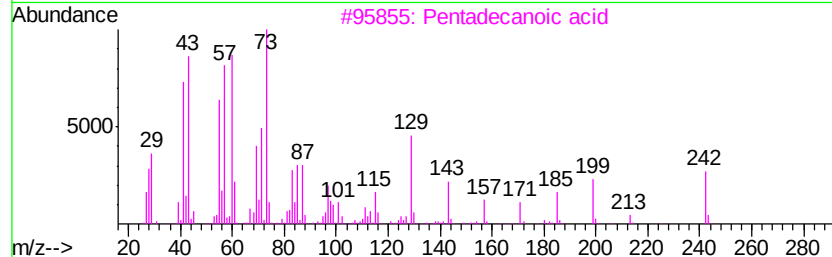
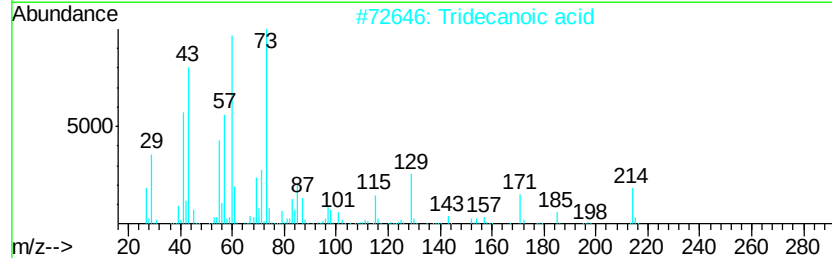
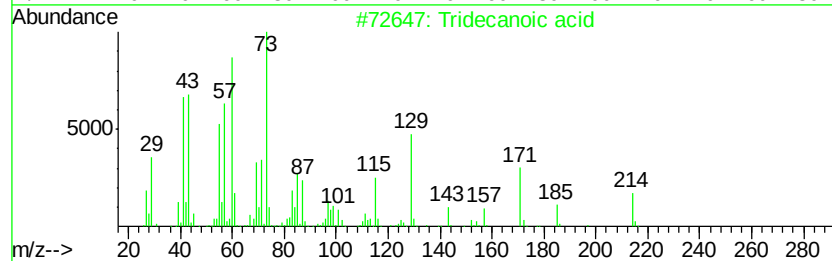
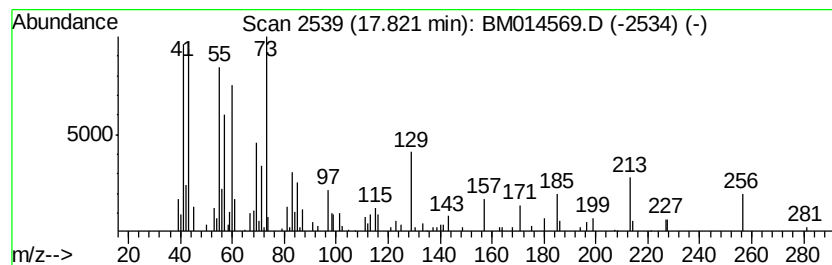
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.82	2.92 ng/ul	242987	Phenanthrene-d10		16.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	72
2			Tridecanoic acid	214	C13H26O2	000638-53-9	72
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4			Tridecanoic acid	214	C13H26O2	000638-53-9	50
5			Dodecanoic acid	200	C12H24O2	000143-07-7	50



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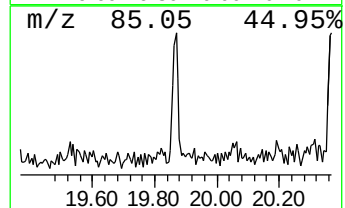
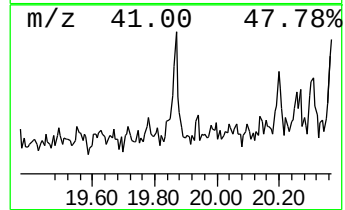
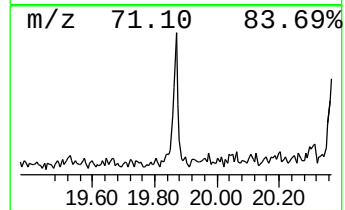
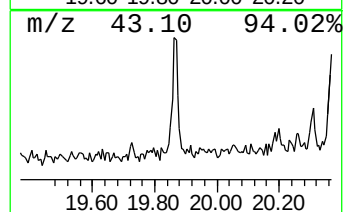
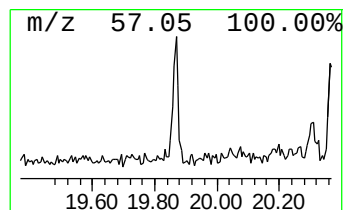
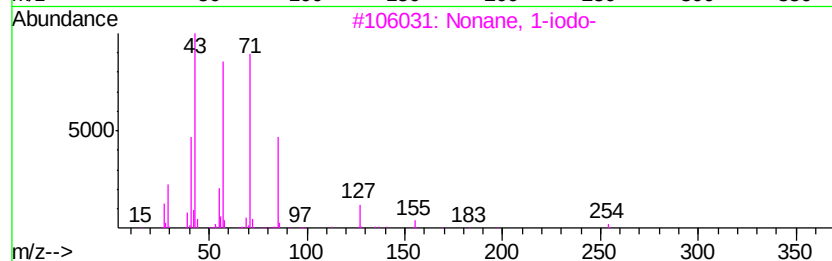
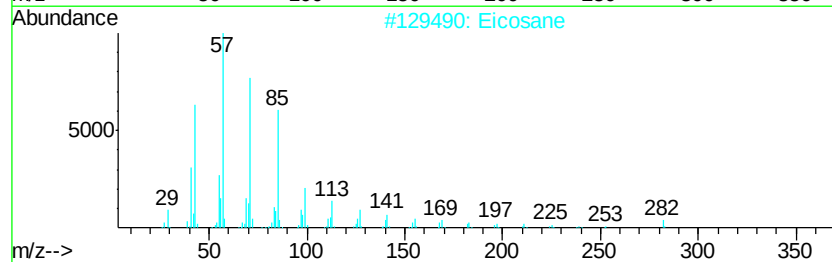
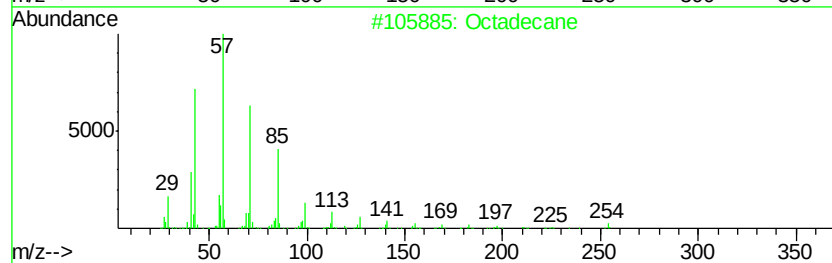
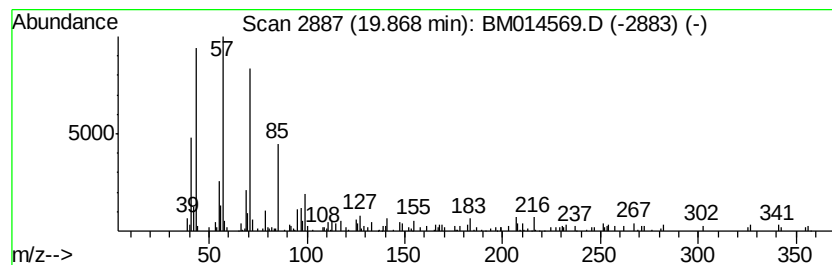
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 Quant Title : SVOA CALIBRATION

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.
19.87	2.25 ng/ul	160249	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	86
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM031418\
Data File : BM014569.D
Acq On : 14 Mar 2018 13:33
Operator : SJ/JU
Sample : J1835-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

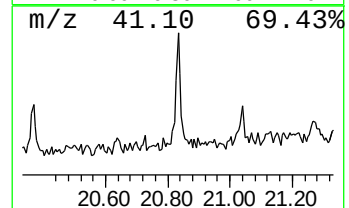
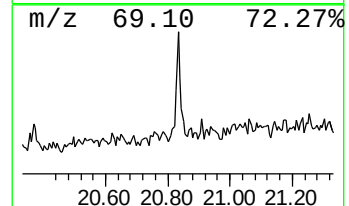
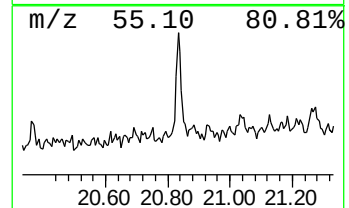
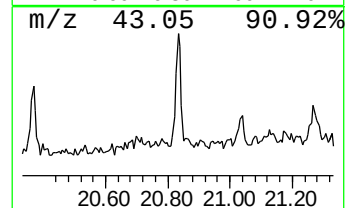
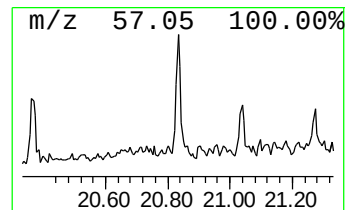
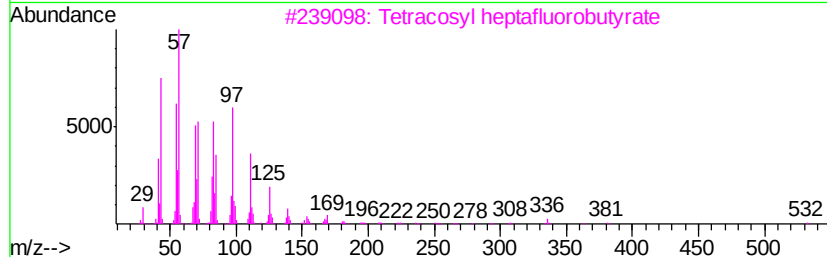
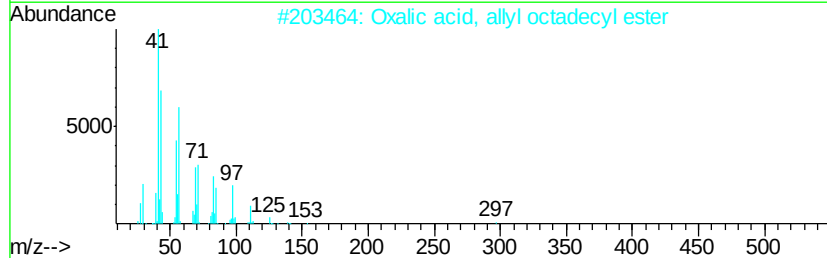
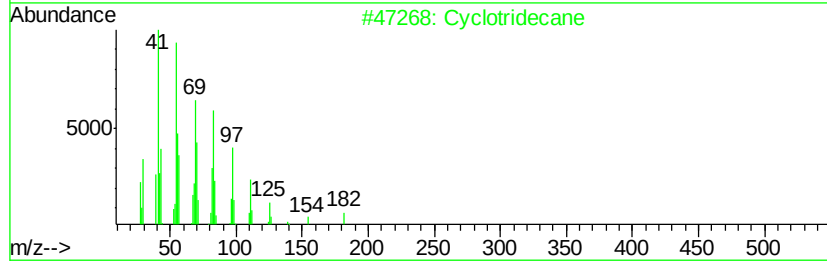
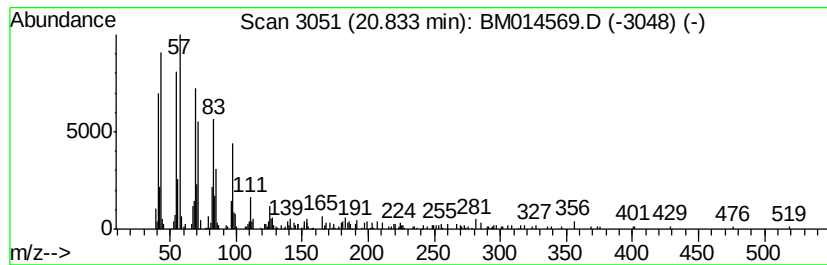
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.43 ng/ul	244817	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotridecane	182 C13H26	000295-02-3 90
2		Oxalic acid, allyl octadecyl ester	382 C23H42O4	1000309-24-5 83
3		Tetracosyl heptafluorobutyrte	550 C28H49F7O2	1000351-83-7 83
4		Hexacosyl heptafluorobutyrte	578 C30H53F7O2	1000351-83-3 83
5		Dotriacontyl pentafluoropropionate	612 C35H65F5O2	1000351-81-4 83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM031418\
Data File : BM014569.D
Acq On : 14 Mar 2018 13:33
Operator : SJ/JU
Sample : J1835-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F40

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	2.0	ng/ul	139613	3	14.14	1368880	20.0
Propanoic acid, 2...	12.73	2.1	ng/ul	141820	3	14.14	1368880	20.0
1,2-Benzenedicarb...	17.20	2.0	ng/ul	169051	4	16.91	1664960	20.0
Tridecanoic acid	17.82	2.9	ng/ul	242987	4	16.91	1664960	20.0
(DEL) Alkane: Str...	19.87	2.3	ng/ul	160249	5	21.13	1427420	20.0
(DEL) Alkane: Cyc...	20.83	3.4	ng/ul	244817	5	21.13	1427420	20.0