

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019006.D
 Acq On : 4 Oct 2015 15:54
 Operator : UM/NP
 Sample : PB85922BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK22

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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	3.170	49	56	64	rBV3	26803	67435	4.86%	0.512%
2	3.246	64	69	77	rVB	34836	60591	4.37%	0.460%
3	3.505	109	113	122	rVB2	11058	17445	1.26%	0.133%
4	6.254	578	581	582	rBV2	1436	1562	0.11%	0.012%
5	7.195	733	741	748	rBV	193063	328448	23.66%	2.495%
6	7.371	765	771	779	rBV	160150	260960	18.80%	1.982%
7	7.465	782	787	791	rBV2	1145	1541	0.11%	0.012%
8	7.576	799	806	817	rVB	191314	319002	22.98%	2.423%
9	8.046	879	886	893	rVB	127326	216035	15.56%	1.641%
10	8.740	996	1004	1014	rVB	244226	406621	29.30%	3.089%
11	9.204	1075	1083	1092	rVB	187408	324343	23.37%	2.464%
12	9.927	1198	1206	1213	rBV	148361	262744	18.93%	1.996%
13	10.461	1288	1297	1306	rBV	223097	398270	28.69%	3.025%
14	10.855	1356	1364	1371	rBV	181907	327855	23.62%	2.490%
15	10.978	1378	1385	1394	rVB	217805	378145	27.24%	2.872%
16	12.435	1627	1633	1637	rVB2	3131	5306	0.38%	0.040%
17	14.075	1906	1912	1919	rVV	439290	638730	46.02%	4.852%
18	14.363	1954	1961	1968	rBV	510965	772396	55.65%	5.867%
19	14.668	2007	2013	2022	rVB2	290444	458316	33.02%	3.481%
20	14.844	2034	2043	2050	rBV	232230	366959	26.44%	2.787%
21	15.461	2144	2148	2151	rBV2	912	1540	0.11%	0.012%
22	15.661	2175	2182	2191	rVB	663153	997830	71.89%	7.580%
23	15.761	2193	2199	2206	rBV	197041	294066	21.19%	2.234%
24	15.896	2218	2222	2228	rVB2	7075	9586	0.69%	0.073%
25	15.984	2232	2237	2240	rBV3	1043	1431	0.10%	0.011%
26	16.607	2341	2343	2345	rBV2	1728	1483	0.11%	0.011%
27	16.719	2357	2362	2365	rBV4	927	1473	0.11%	0.011%
28	17.189	2440	2442	2448	rVB5	2108	3218	0.23%	0.024%
29	17.412	2473	2480	2487	rBV	398489	584119	42.08%	4.437%
30	17.512	2490	2497	2505	rBV	747922	1117564	80.52%	8.489%
31	17.706	2526	2530	2532	rBV5	1409	1643	0.12%	0.012%
32	18.605	2680	2683	2687	rVV5	2810	4099	0.30%	0.031%
33	19.427	2819	2823	2827	rBV2	8891	12927	0.93%	0.098%
34	19.680	2862	2866	2869	rBV2	5602	8294	0.60%	0.063%

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35	19.721	2869	2873	2878	rVB2	119699	134937	9.72%	1.025%
36	19.792	2879	2885	2891	rVV	964055	1387994	100.00%	10.543%
37	19.839	2891	2893	2897	rVB2	19490	18712	1.35%	0.142%
38	20.767	3047	3051	3057	rVB	85897	99076	7.14%	0.753%
39	20.831	3059	3062	3065	rBV2	13287	15405	1.11%	0.117%
40	21.678	3199	3206	3214	rBV	462946	770286	55.50%	5.851%
41	21.895	3240	3243	3248	rVB3	21120	30645	2.21%	0.233%
42	24.680	3707	3717	3728	rVB	501464	1374631	99.04%	10.442%
43	24.897	3745	3754	3763	rVB2	252014	680819	49.05%	5.172%

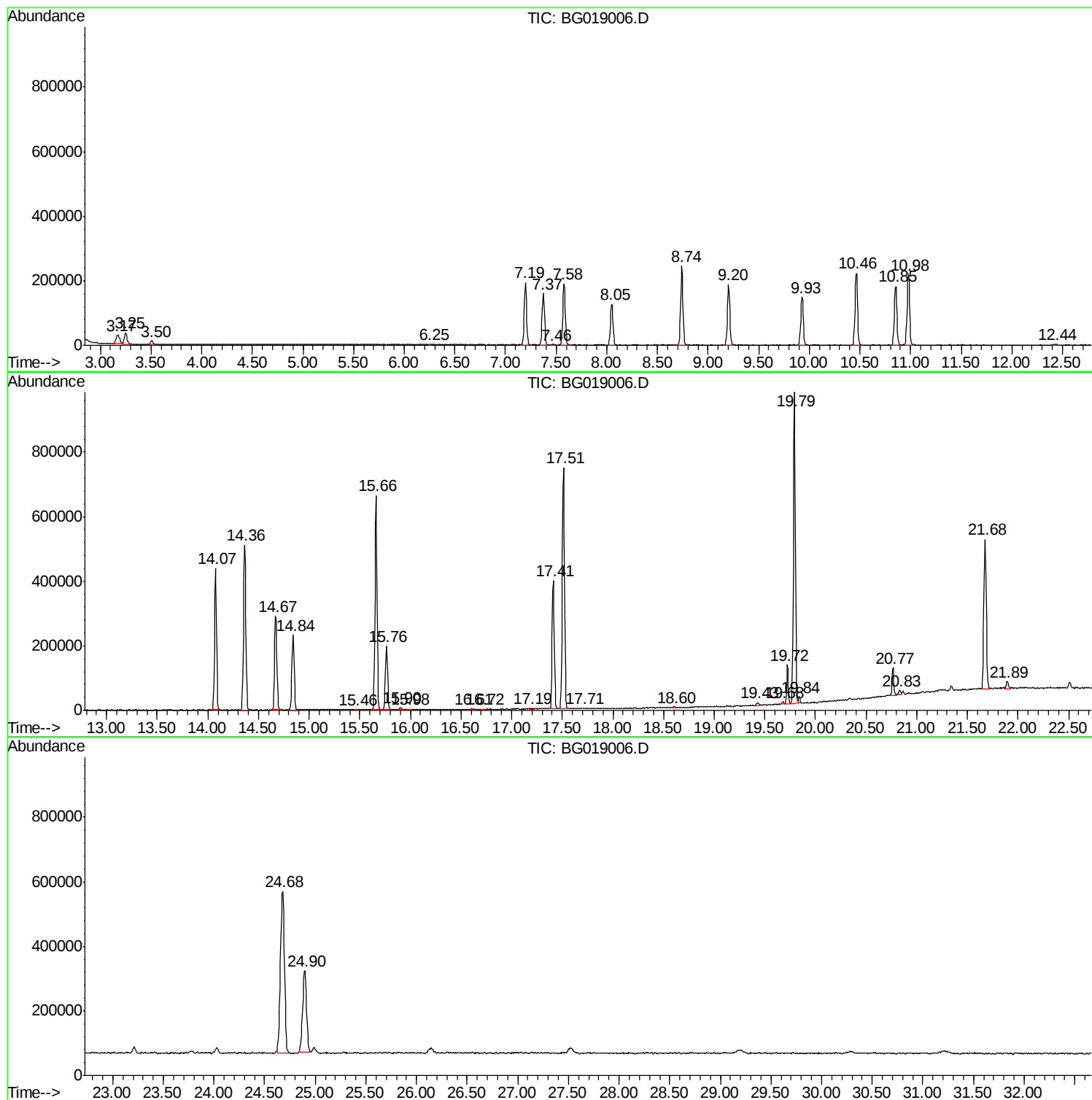
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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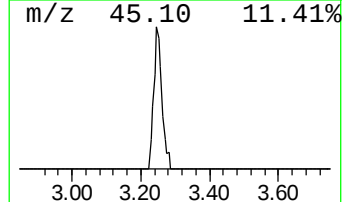
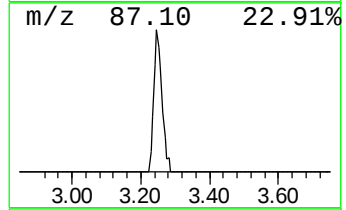
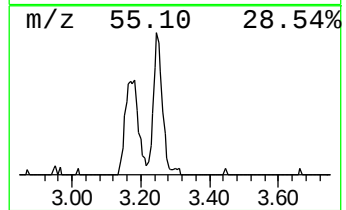
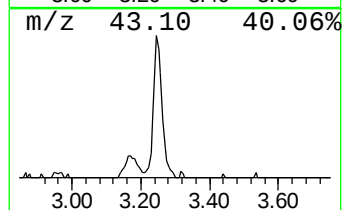
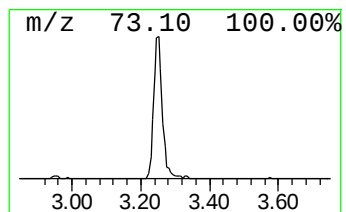
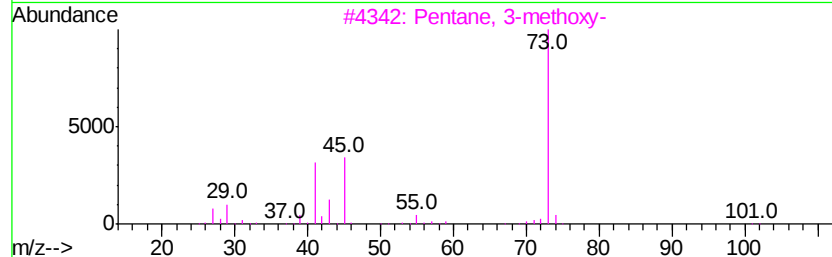
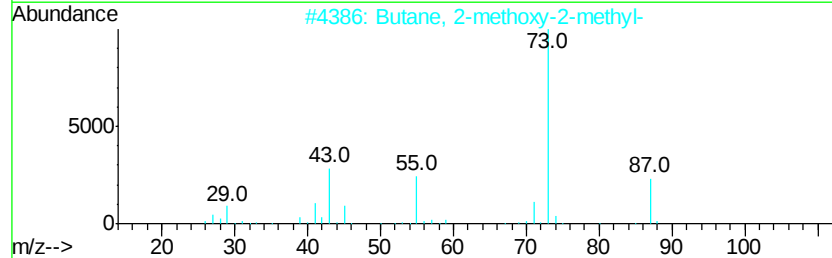
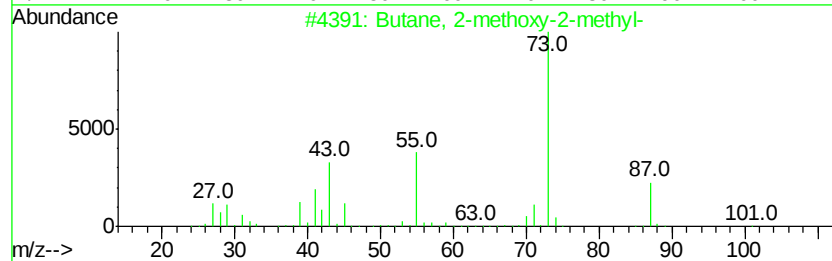
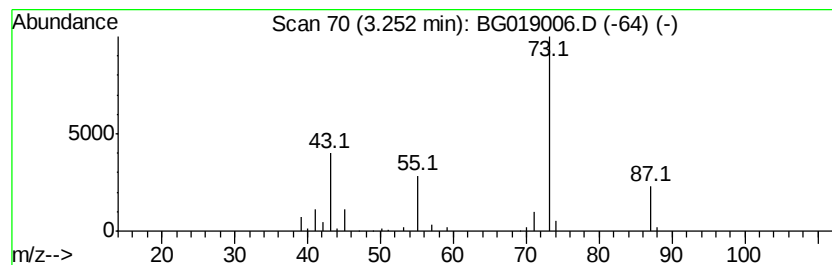
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	5.61 ng/ul	60591	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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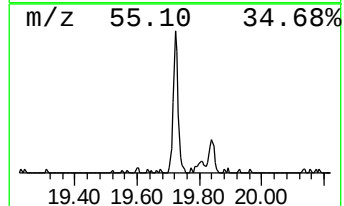
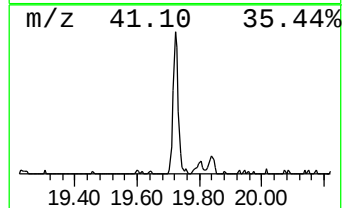
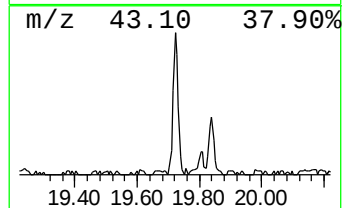
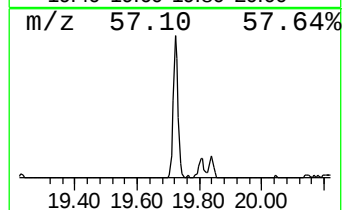
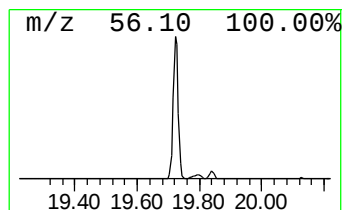
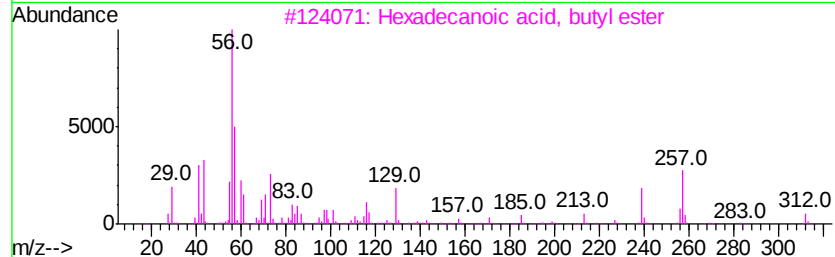
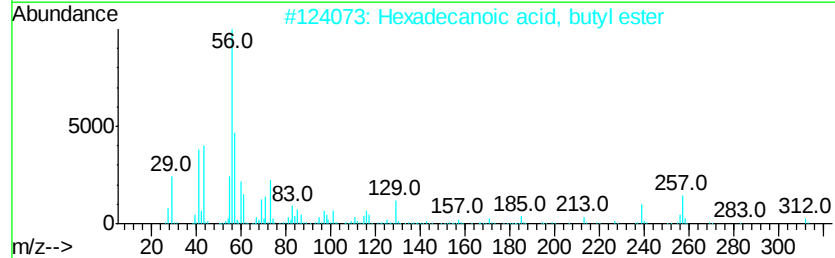
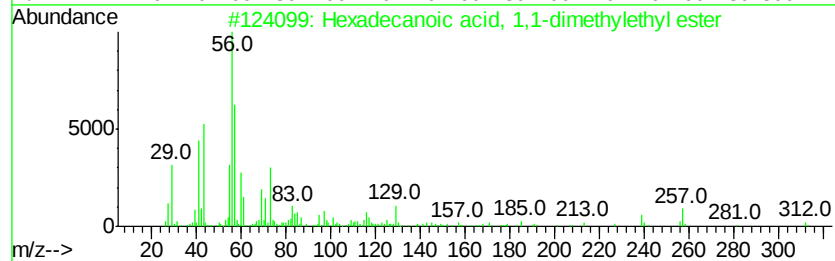
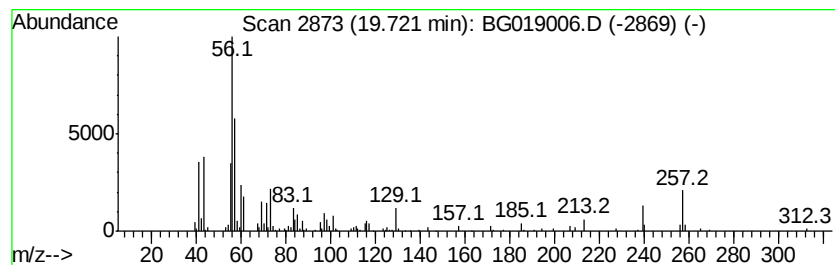
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Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.50 ng/ul	134937	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	72
4			Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	38



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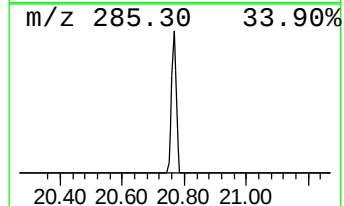
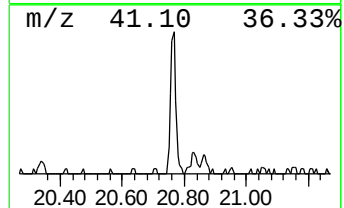
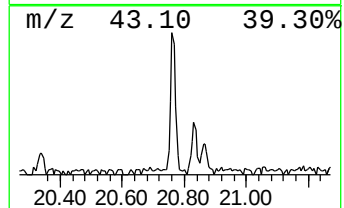
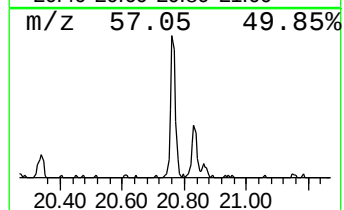
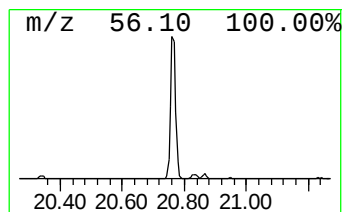
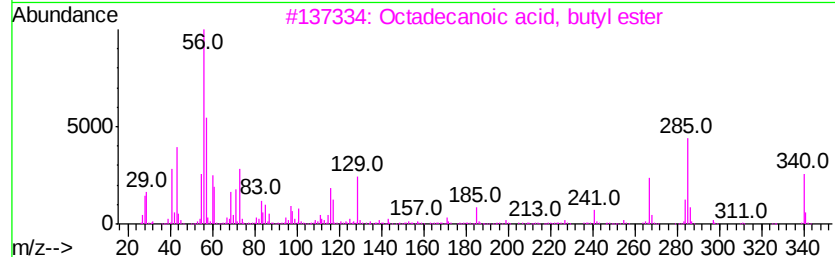
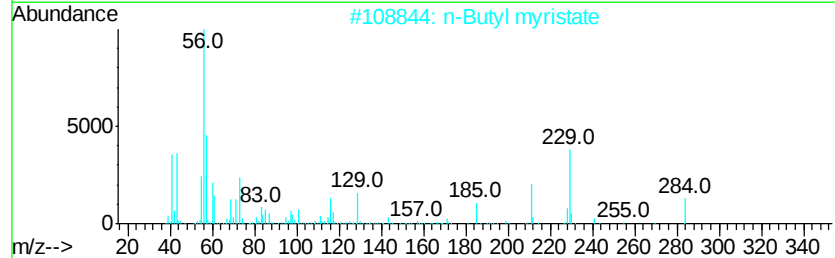
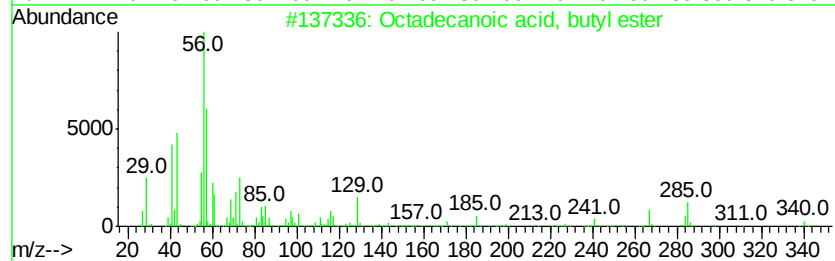
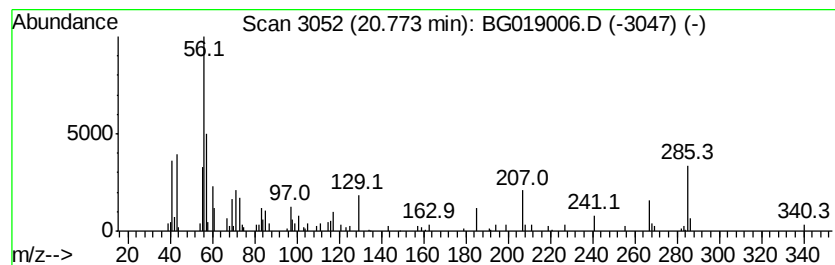
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.57 ng/ul	99076	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		n-Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	59
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	50
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.25	5.6	ng/ul	60591	1	8.05	216035	20.0
Hexadecanoic acid...	19.72	3.5	ng/ul	134937	5	21.68	770286	20.0
Octadecanoic acid...	20.77	2.6	ng/ul	99076	5	21.68	770286	20.0