

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004608.D
 Acq On : 15 Mar 2016 21:22
 Operator : UM/SJ
 Sample : H1710-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-DS-E140

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\SOM02.2-EPA-BM031516.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	7.004	727	734	744	rVB	276398	440049	20.16%	2.074%
2	7.181	757	764	771	rVB	230151	362816	16.62%	1.710%
3	7.375	790	797	806	rBV	296254	463064	21.22%	2.183%
4	7.845	870	877	884	rBV	230676	365251	16.73%	1.722%
5	8.539	988	995	1002	rBV	360067	579736	26.56%	2.733%
6	8.998	1064	1073	1082	rBV	257828	422917	19.38%	1.994%
7	9.722	1189	1196	1204	rBV	206588	344144	15.77%	1.622%
8	10.251	1279	1286	1297	rBV	358997	576936	26.43%	2.720%
9	10.639	1343	1352	1360	rVB	326661	551072	25.25%	2.598%
10	10.769	1367	1374	1385	rBV	337589	566130	25.94%	2.669%
11	13.886	1898	1904	1909	rBV	661471	925751	42.41%	4.364%
12	13.933	1909	1912	1921	rVB	194232	248114	11.37%	1.170%
13	14.168	1946	1952	1961	rBV	725154	1112180	50.96%	5.243%
14	14.310	1964	1976	1983	rVV	28690	81722	3.74%	0.385%
15	14.380	1983	1988	1995	rVV	34188	49394	2.26%	0.233%
16	14.480	1998	2005	2013	rVB2	490007	762974	34.96%	3.597%
17	14.662	2029	2036	2044	rBV	338729	481133	22.04%	2.268%
18	15.333	2145	2150	2156	rVB	49353	60253	2.76%	0.284%
19	15.468	2167	2173	2180	rVB	973222	1442242	66.08%	6.798%
20	15.580	2186	2192	2198	rVB	275565	364348	16.69%	1.717%
21	15.715	2209	2215	2217	rBV2	15743	24898	1.14%	0.117%
22	16.192	2291	2296	2299	rBV	50713	64328	2.95%	0.303%
23	16.986	2427	2431	2436	rBV2	18490	26117	1.20%	0.123%
24	17.221	2465	2471	2477	rBV	676122	951229	43.58%	4.484%
25	17.321	2480	2488	2497	rBV2	1119739	1628616	74.62%	7.677%
26	18.115	2616	2623	2632	rBV	129627	181517	8.32%	0.856%
27	19.392	2836	2840	2852	rBV	70009	113718	5.21%	0.536%
28	19.615	2871	2878	2889	rBV	1447123	2016439	92.38%	9.505%
29	21.115	3128	3133	3149	rBV	427024	561980	25.75%	2.649%
30	21.321	3165	3168	3173	rBV	20982	23870	1.09%	0.113%
31	21.403	3177	3182	3189	rBV	1002457	1264456	57.93%	5.960%
32	22.480	3361	3365	3370	rBV2	58075	81903	3.75%	0.386%
33	22.615	3384	3388	3397	rVB	284040	391819	17.95%	1.847%
34	23.556	3541	3548	3562	rVB	1067941	2182659	100.00%	10.289%

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MS-DS-E140

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	23.703	3566	3573	3584	rVB2	625355	1233031	56.49%	5.812%
36	24.356	3680	3684	3695	rVB	56309	112986	5.18%	0.533%
37	25.038	3795	3800	3809	rVB3	65965	154529	7.08%	0.728%

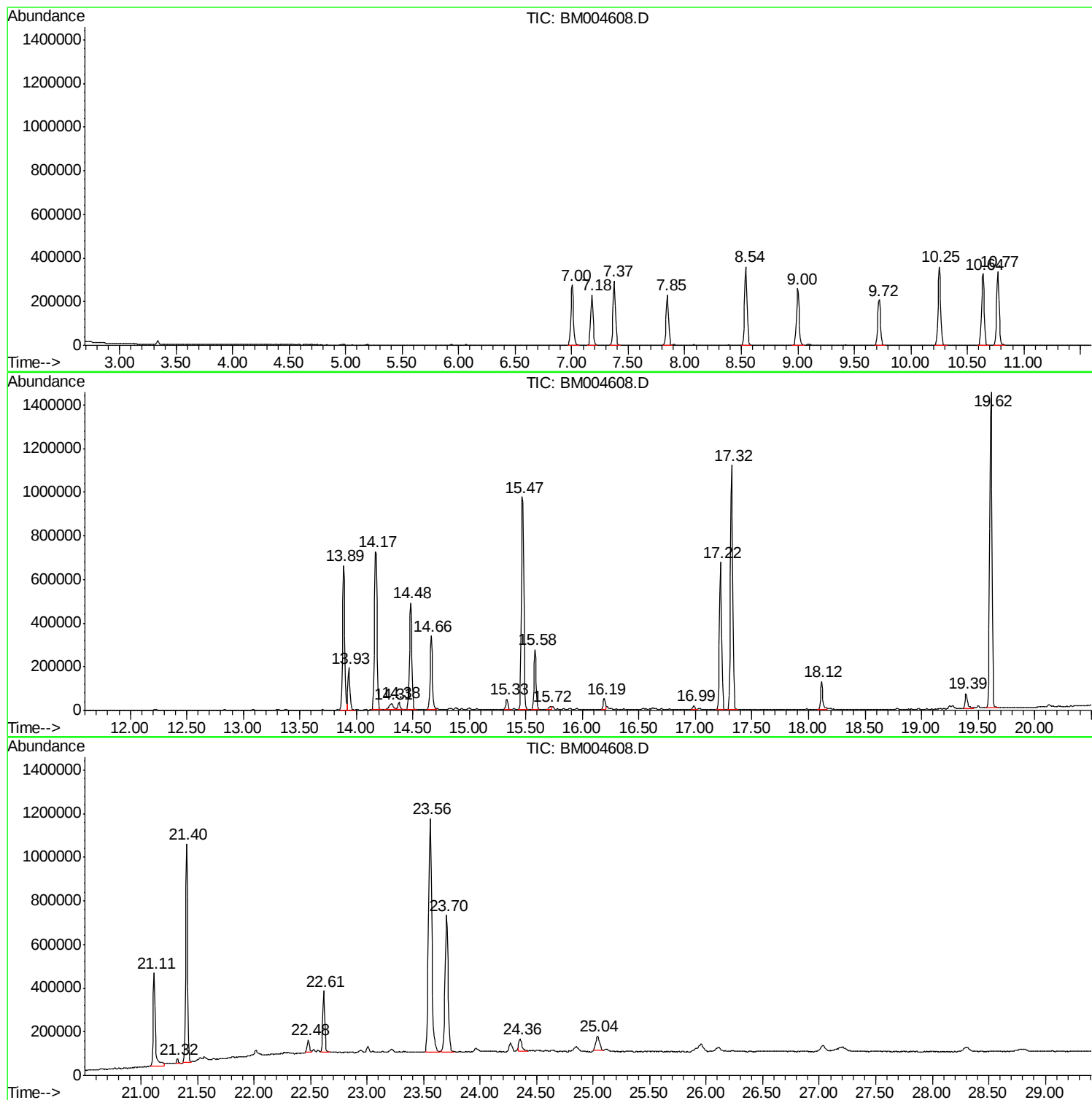
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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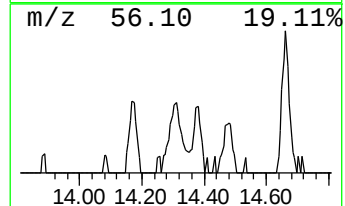
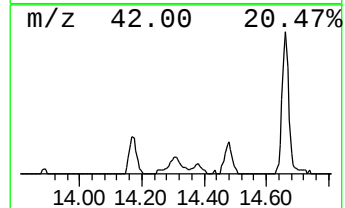
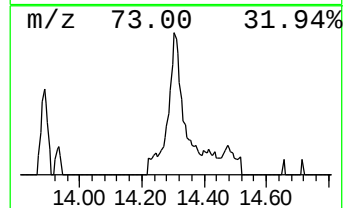
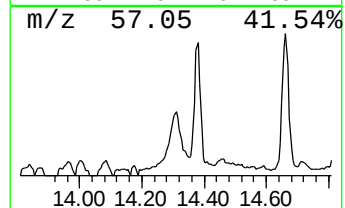
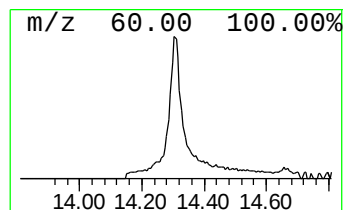
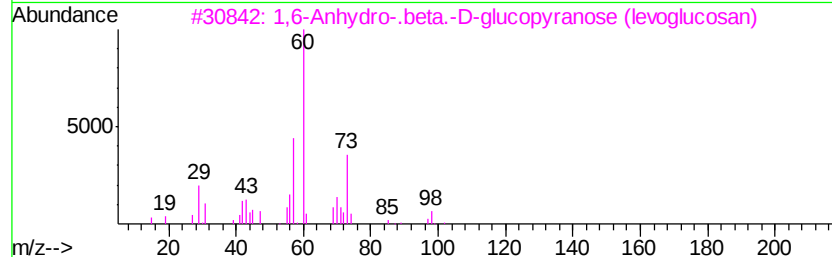
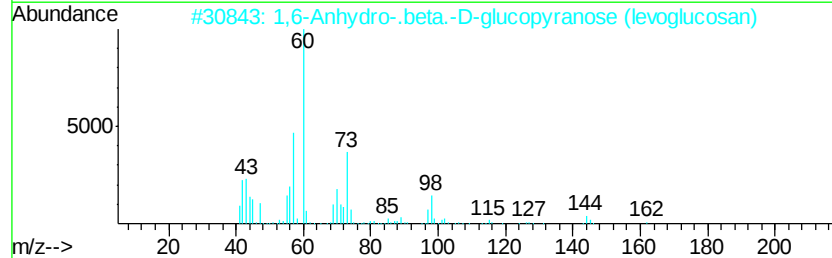
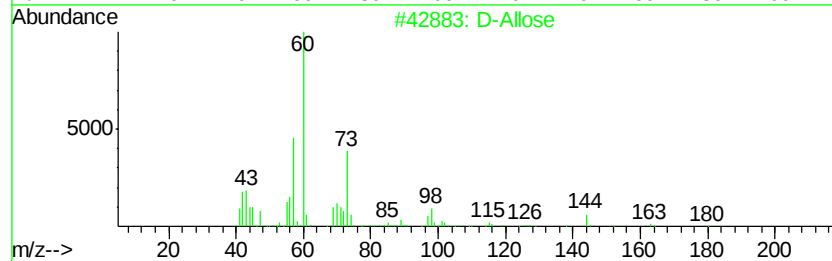
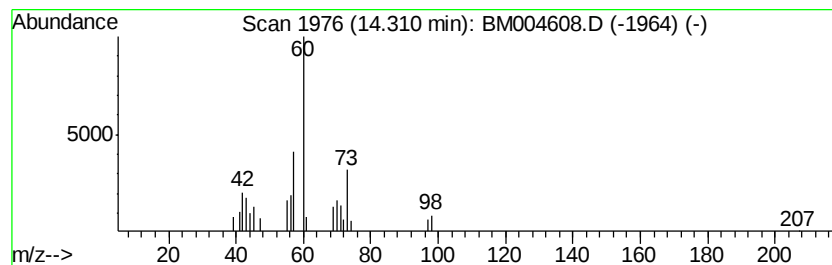
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 D-Allose Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.14 ng/ul	81722	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Allose	180	C6H12O6	002595-97-3	80
2		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
3		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
4		Heptanoic acid	130	C7H14O2	000111-14-8	53
5		Heptanoic acid	130	C7H14O2	000111-14-8	50



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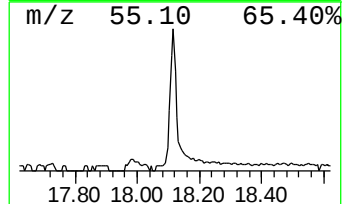
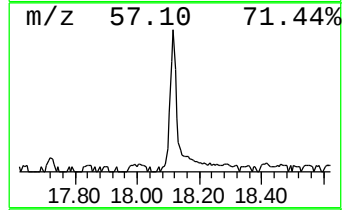
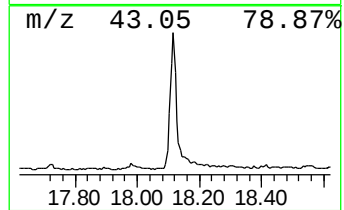
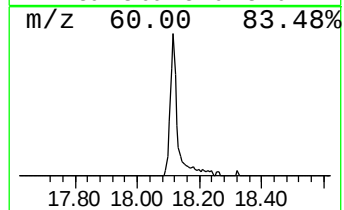
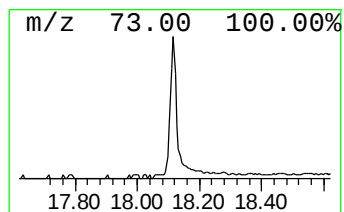
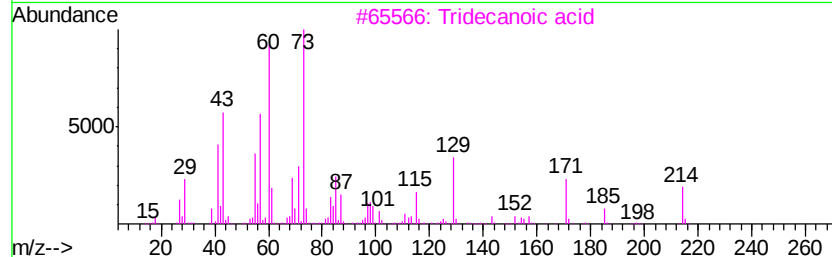
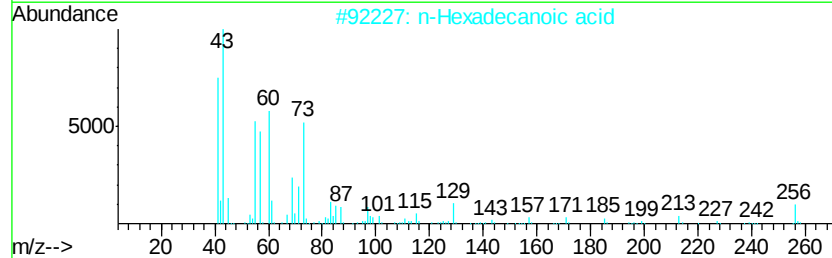
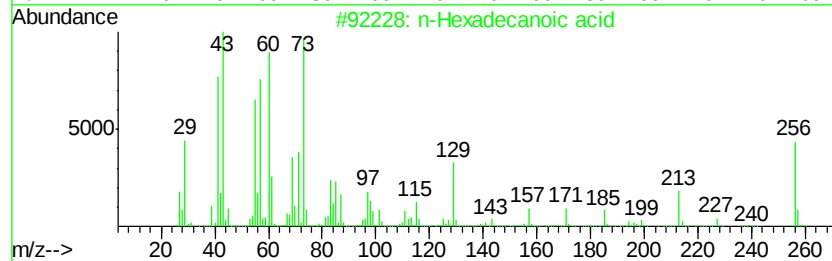
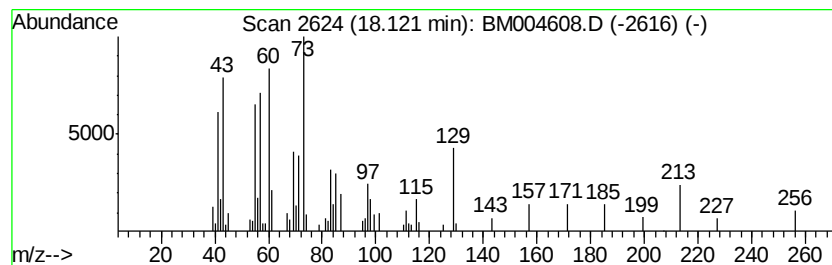
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.12	3.82 ng/ul	181517	Phenanthrene-d10		17.22		
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	89
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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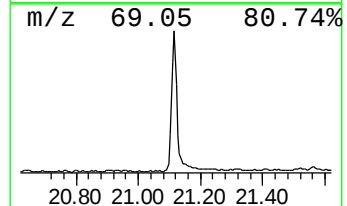
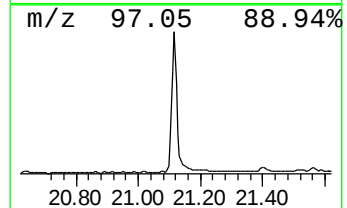
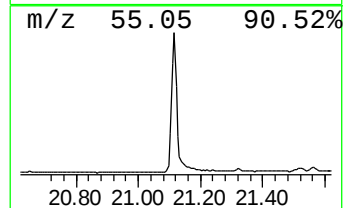
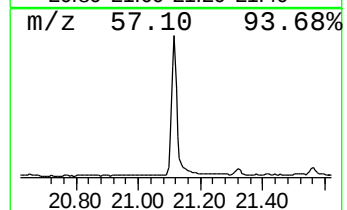
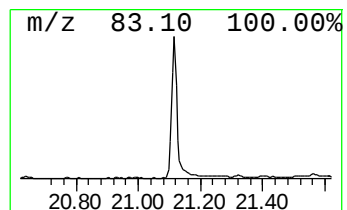
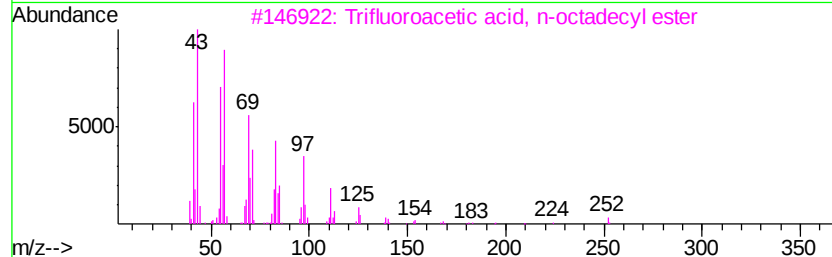
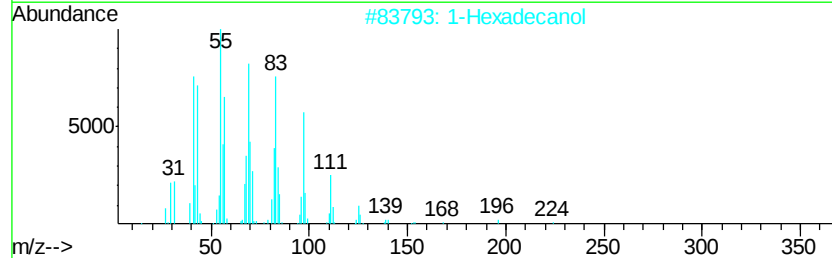
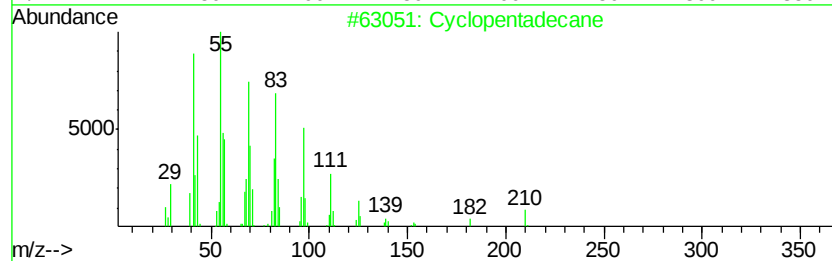
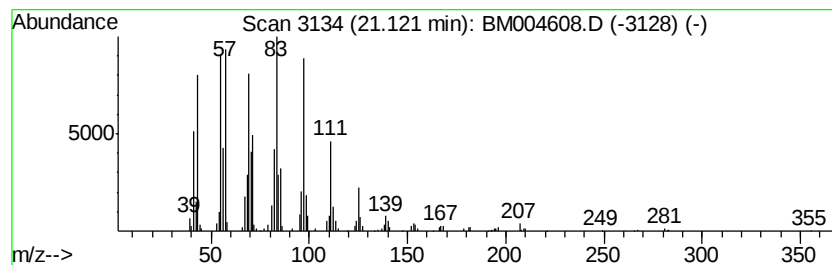
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic21.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	8.89 ng/ul	561980	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5		Cyclohexadecane	224	C16H32	000295-65-8	91



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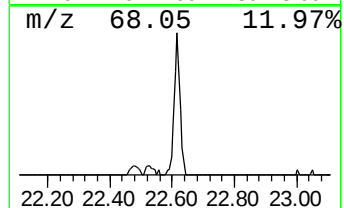
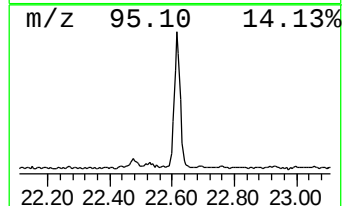
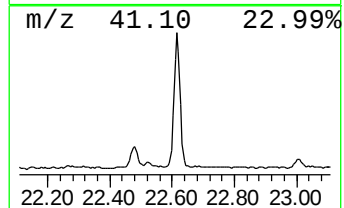
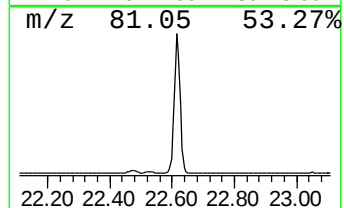
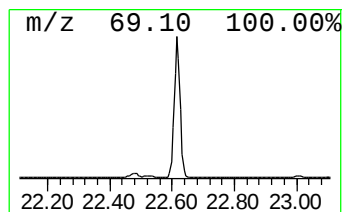
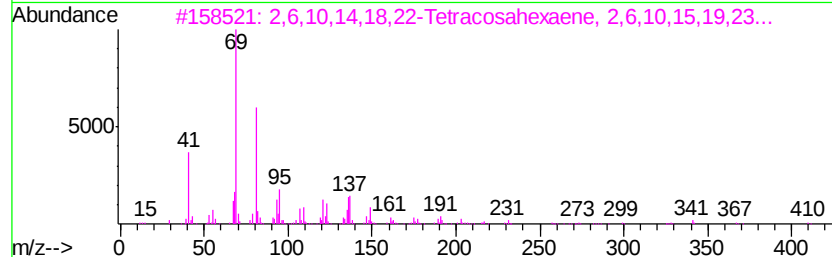
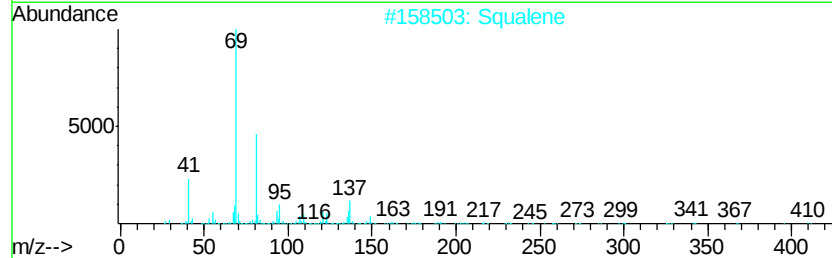
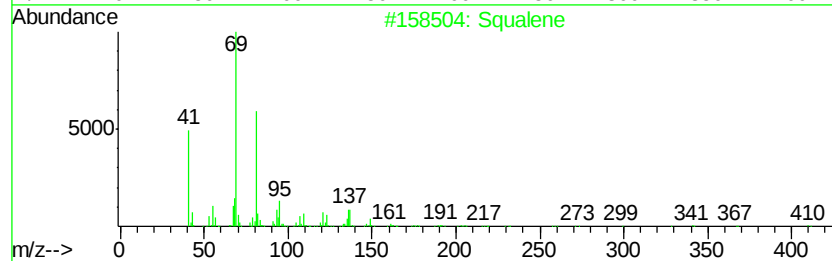
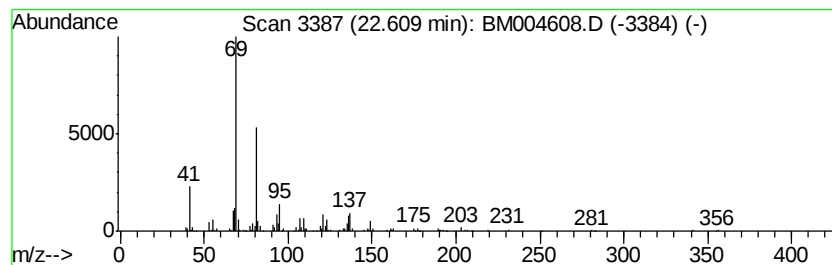
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Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	6.36 ng/ul	391819	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	90
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
4		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90



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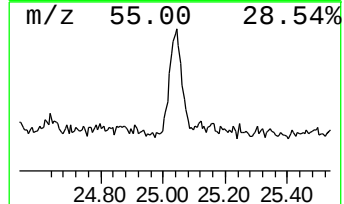
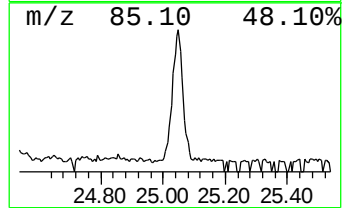
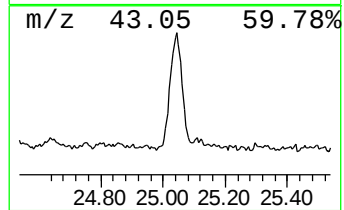
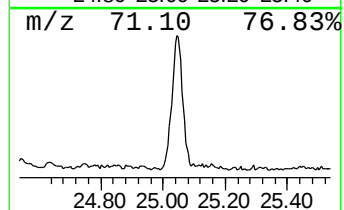
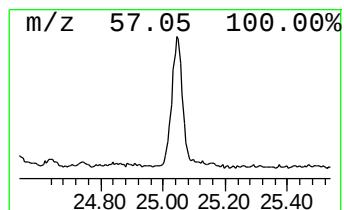
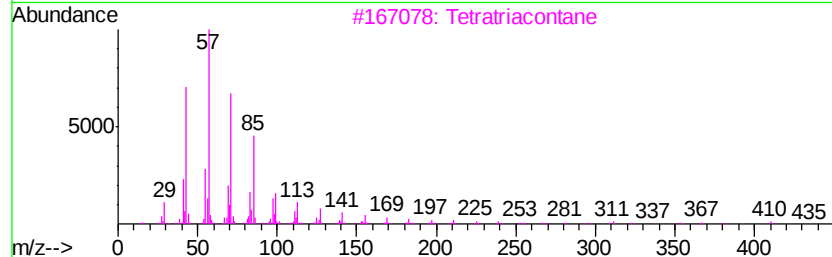
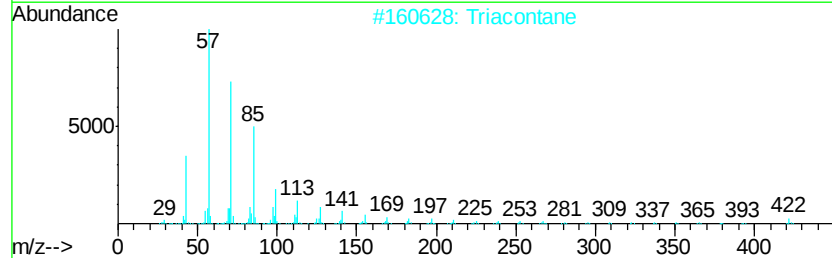
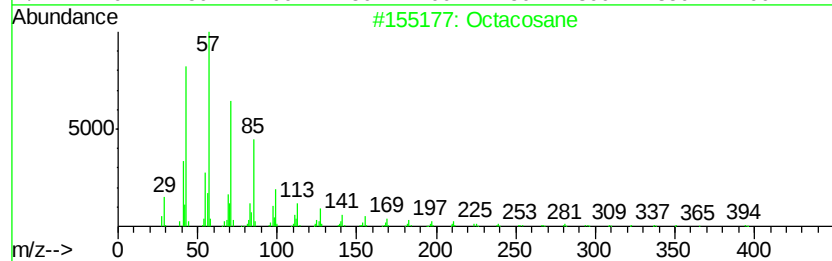
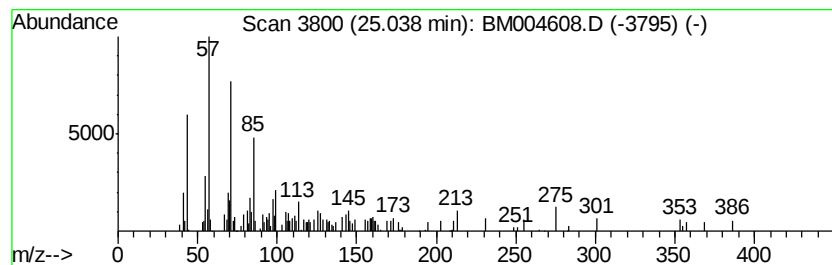
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	2.51 ng/ul	154529	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Triacontane	422	C30H62	000638-68-6	68
3		Tetratriacontane	479	C34H70	014167-59-0	68
4		Docosane	310	C22H46	000629-97-0	68
5		Hexacosane	366	C26H54	000630-01-3	68



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Instrument :
BNA_M
ClientSampleId :
MS-DS-E140

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Allose	14.31	2.1	ng/ul	81722	3	14.48	762974	20.0
n-Hexadecanoic acid	18.12	3.8	ng/ul	181517	4	17.22	951229	20.0
(DEL) Alkane: Cyc...	21.12	8.9	ng/ul	561980	5	21.40	1264460	20.0
Squalene	22.61	6.4	ng/ul	391819	6	23.70	1233030	20.0
(DEL) Alkane: Str...	25.04	2.5	ng/ul	154529	6	23.70	1233030	20.0