

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
 Data File : BM006500.D
 Acq On : 17 Jul 2016 05:07
 Operator : UM/SJ
 Sample : H3985-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ50

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-BM071416.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	6.793	709	715	729	rBV	745816	1235132	24.18%	2.168%
2	6.957	736	743	754	rBV	540263	882168	17.27%	1.548%
3	7.146	769	775	790	rBV	705773	1180097	23.10%	2.071%
4	7.616	847	855	864	rBV	914975	1510187	29.56%	2.651%
5	8.322	964	975	991	rBV	827653	1416254	27.72%	2.486%
6	8.769	1044	1051	1069	rBV	688294	1181502	23.13%	2.074%
7	9.487	1165	1173	1186	rBV	571518	1002684	19.63%	1.760%
8	10.022	1256	1264	1286	rBV	814583	1460881	28.60%	2.564%
9	10.393	1317	1327	1344	rBV	1229912	2134824	41.79%	3.747%
10	10.534	1344	1351	1369	rVV	773184	1424747	27.89%	2.501%
11	13.681	1879	1886	1890	rBV	1565096	2247115	43.99%	3.944%
12	13.728	1890	1894	1911	rVB	773206	1165305	22.81%	2.045%
13	13.957	1926	1933	1944	rBV	1668216	2624999	51.39%	4.608%
14	14.263	1979	1985	2001	rVB2	1671642	2735459	53.55%	4.802%
15	14.480	2016	2022	2039	rBV	736318	1216450	23.81%	2.135%
16	15.263	2147	2155	2164	rBV	2209397	3284814	64.30%	5.766%
17	15.392	2170	2177	2191	rBV	716778	1069986	20.95%	1.878%
18	15.992	2273	2279	2286	rBV	34393	61322	1.20%	0.108%
19	16.780	2409	2413	2420	rBV2	37582	67667	1.32%	0.119%
20	17.016	2447	2453	2463	rBV2	2235689	3337858	65.34%	5.859%
21	17.116	2463	2470	2481	rVB2	2430993	3602946	70.53%	6.324%
22	19.080	2801	2804	2811	rVB	80870	99976	1.96%	0.175%
23	19.357	2846	2851	2856	rVV	544127	658349	12.89%	1.156%
24	19.415	2856	2861	2868	rVV2	3021668	4511141	88.31%	7.918%
25	19.474	2868	2871	2877	rVB	61770	79955	1.57%	0.140%
26	20.404	3025	3029	3035	rBV	421652	479491	9.39%	0.842%
27	20.933	3115	3119	3129	rBV2	74895	118627	2.32%	0.208%
28	21.215	3160	3167	3171	rVV2	3109868	4434636	86.81%	7.784%
29	21.251	3171	3173	3178	rVB	90792	100001	1.96%	0.176%
30	21.368	3189	3193	3197	rBV	79289	91373	1.79%	0.160%
31	21.798	3262	3266	3270	rVB2	62571	78662	1.54%	0.138%
32	22.245	3338	3342	3347	rBV	105356	145975	2.86%	0.256%
33	22.739	3422	3426	3434	rBV4	147425	279434	5.47%	0.490%
34	23.274	3509	3517	3530	rVB2	2571395	5108492	100.00%	8.967%

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35	23.409	3533	3540	3556	rVB2	2276527	4534151	88.76%	7.959%
36	23.909	3620	3625	3636	rVB2	176814	343731	6.73%	0.603%
37	24.639	3741	3749	3761	rBV2	189739	514230	10.07%	0.903%
38	25.468	3884	3890	3899	rVB2	119768	309173	6.05%	0.543%
39	26.450	4054	4057	4067	rVB3	96363	240593	4.71%	0.422%

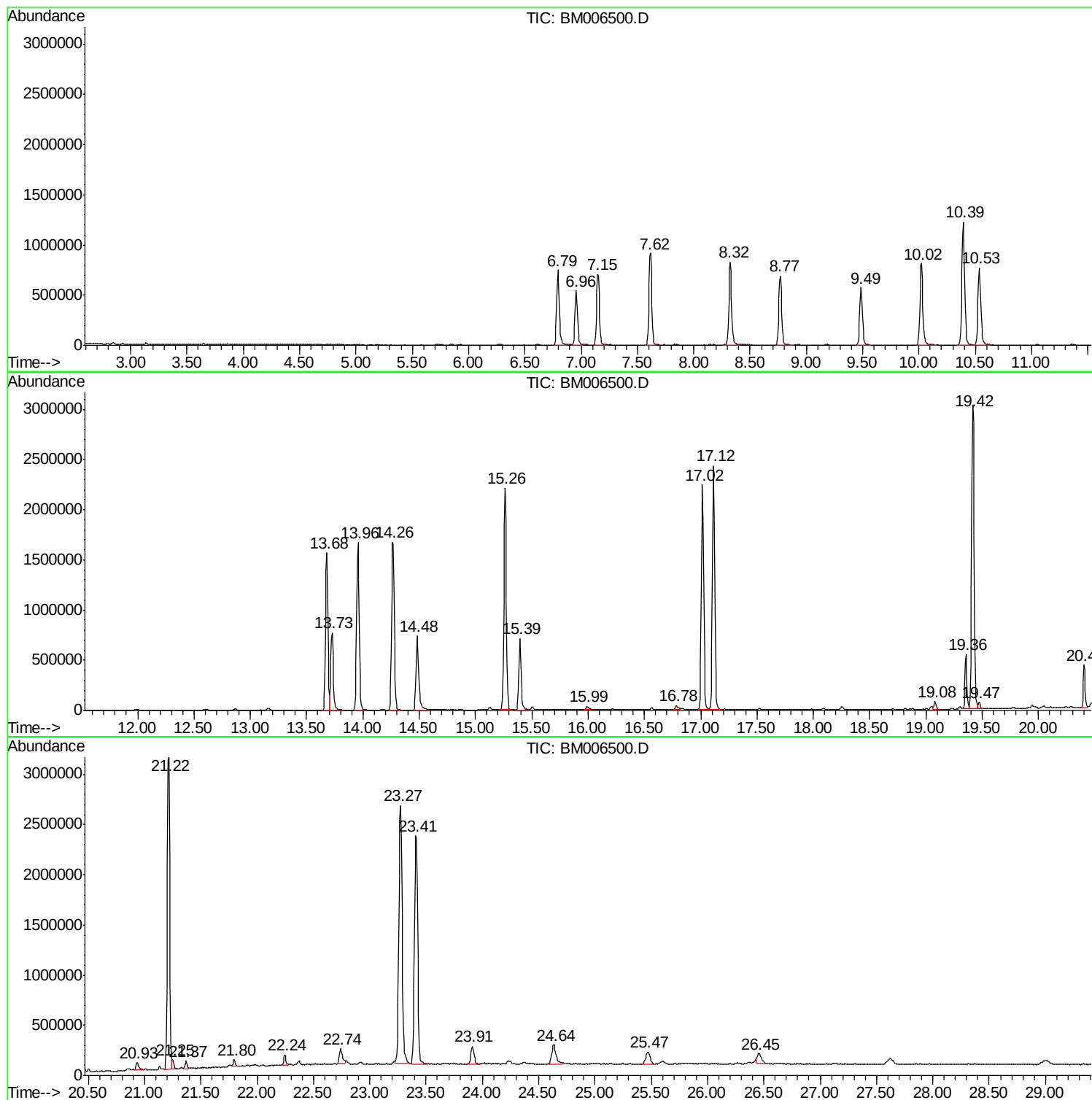
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



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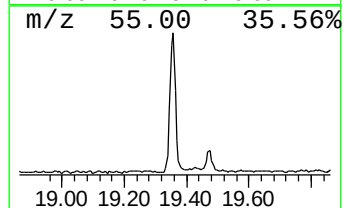
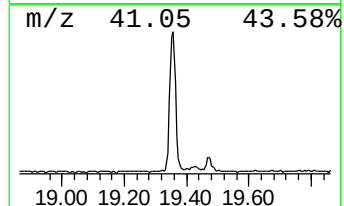
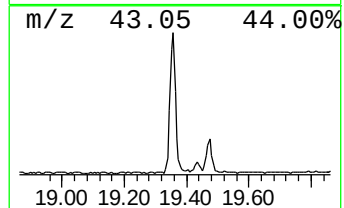
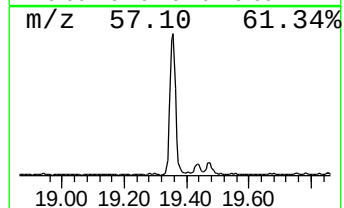
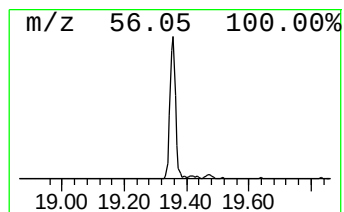
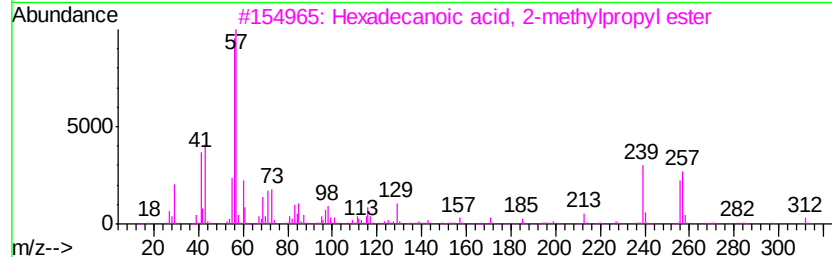
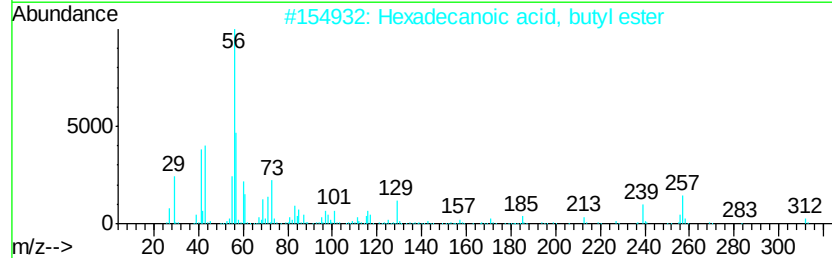
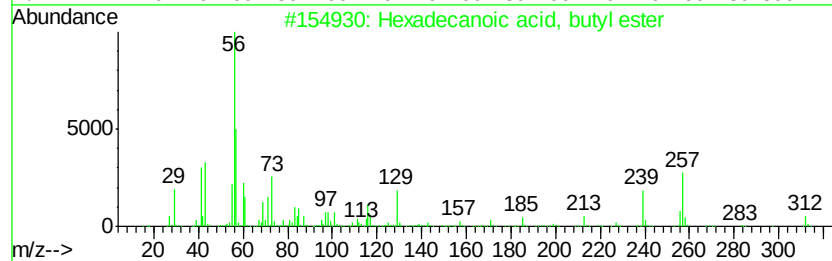
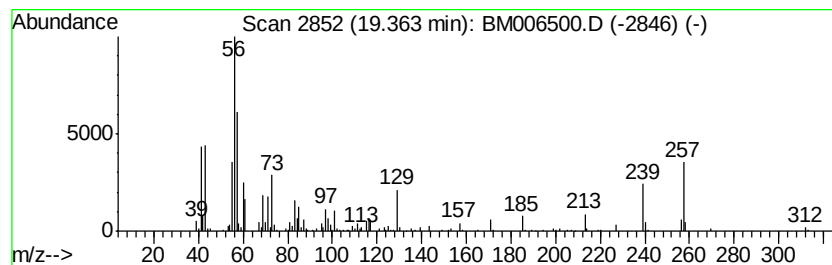
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.36	2.97 ng/ul	658349	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91	
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90	
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80	
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55	
5	Adipic acid, 2-butoxyethyl hexyl...	330	C18H34O5	1000324-64-8	38	



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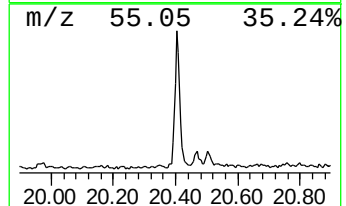
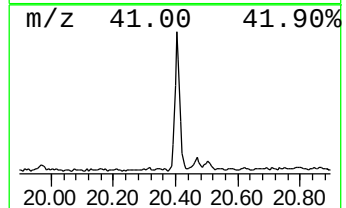
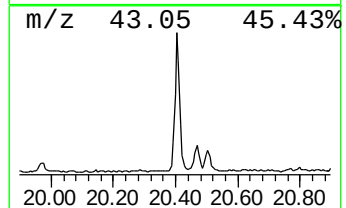
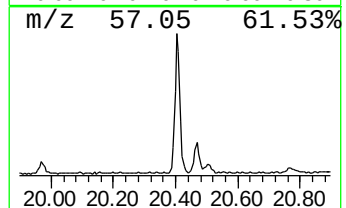
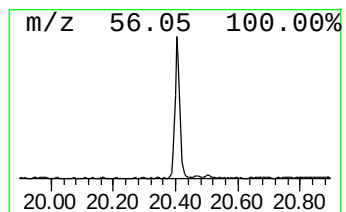
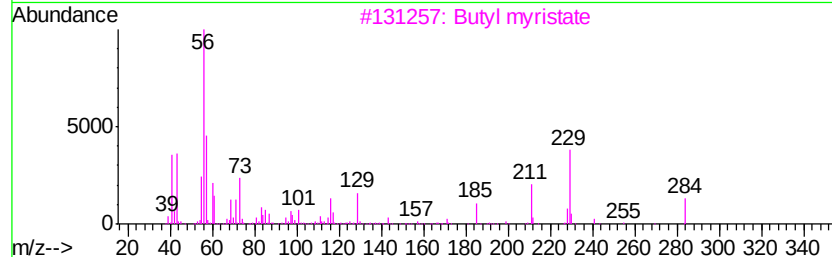
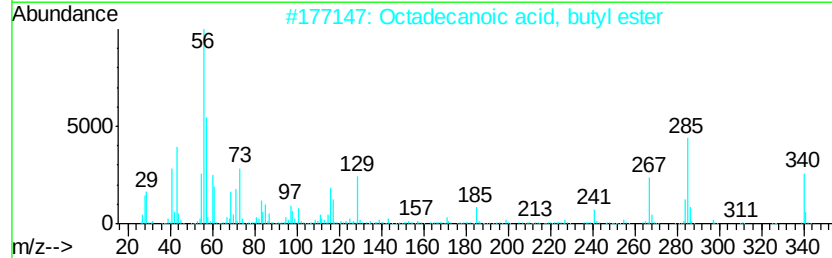
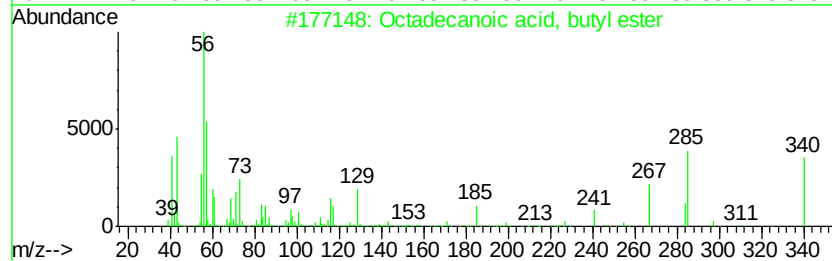
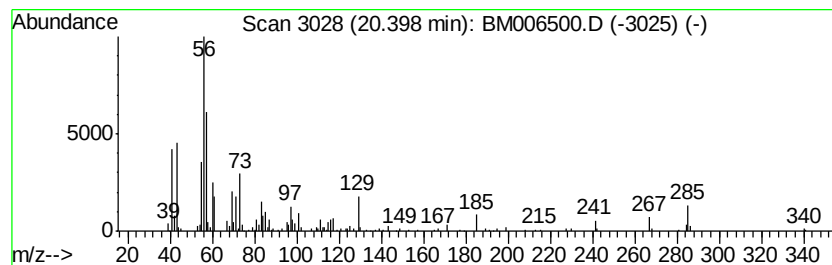
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.16 ng/ul	479491	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
3		Butyl myristate	284	C18H36O2	000110-36-1	64
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
5		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38



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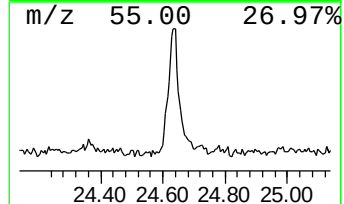
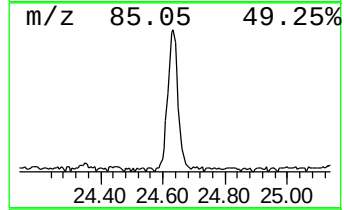
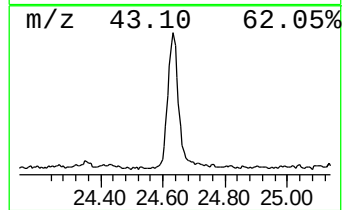
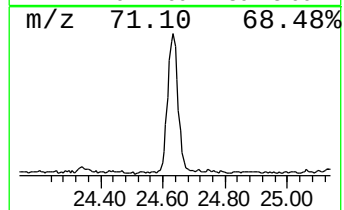
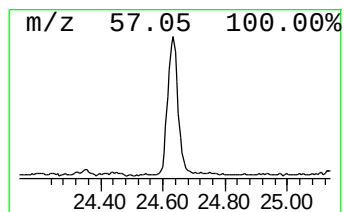
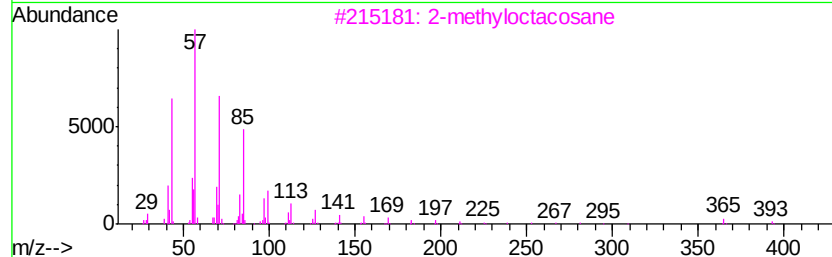
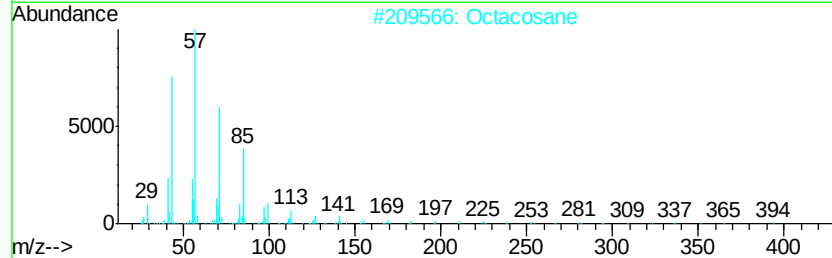
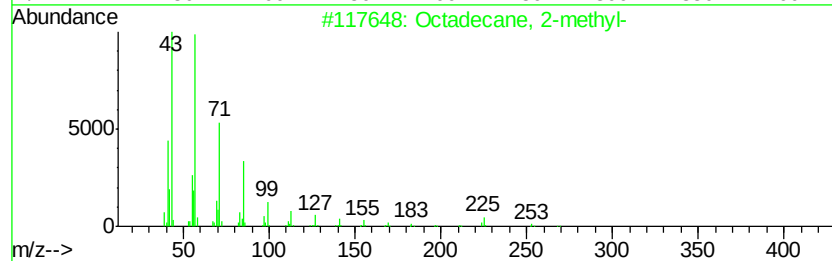
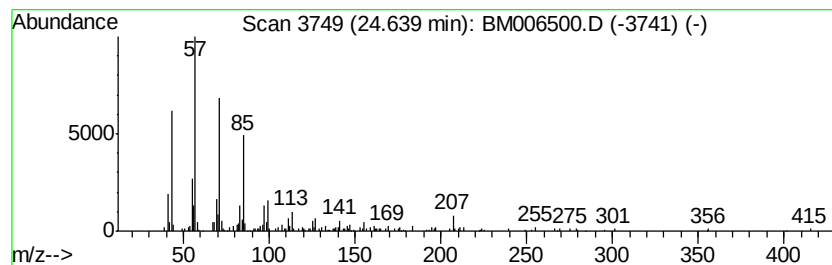
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	2.27 ng/ul	514230	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Octacosane	394	C28H58	000630-02-4	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Hentriacontane	437	C31H64	000630-04-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.36	3.0	ng/ul	658349	5	21.22	4434640	20.0
Octadecanoic acid...	20.40	2.2	ng/ul	479491	5	21.22	4434640	20.0
(DEL) Alkane: Str...	24.64	2.3	ng/ul	514230	6	23.41	4534150	20.0