

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006432.D
 Acq On : 15 Jul 2016 08:06
 Operator : UM/SJ
 Sample : H3990-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ76

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	6.798	709	716	729	rBV	730354	1196388	25.44%	2.521%
2	6.957	736	743	757	rBV	504058	803805	17.09%	1.694%
3	7.151	770	776	794	rBV	703746	1159157	24.64%	2.442%
4	7.616	847	855	863	rBV	590209	978179	20.80%	2.061%
5	8.328	969	976	992	rVB	829033	1394129	29.64%	2.937%
6	8.769	1044	1051	1064	rBV	656477	1136622	24.17%	2.395%
7	9.486	1166	1173	1189	rBV	569326	986643	20.98%	2.079%
8	10.022	1257	1264	1278	rBV	800617	1399619	29.76%	2.949%
9	10.398	1320	1328	1342	rVB	785891	1365373	29.03%	2.877%
10	10.539	1345	1352	1370	rVB	718795	1326608	28.20%	2.795%
11	13.680	1879	1886	1891	rBV	1314895	2043272	43.44%	4.305%
12	13.727	1891	1894	1912	rVB	666824	992692	21.11%	2.092%
13	13.957	1925	1933	1948	rBV	1452883	2389467	50.80%	5.035%
14	14.269	1977	1986	1998	rVB2	1092164	1797463	38.21%	3.787%
15	14.486	2017	2023	2037	rBV	678267	1146803	24.38%	2.416%
16	15.268	2149	2156	2164	rBV	1947680	2977069	63.29%	6.273%
17	15.398	2173	2178	2191	rBV	736494	1048290	22.29%	2.209%
18	16.786	2409	2414	2426	rBV2	63515	115929	2.46%	0.244%
19	17.021	2448	2454	2463	rBV	1512553	2275295	48.37%	4.794%
20	17.121	2463	2471	2483	rVB2	2086551	3369302	71.63%	7.099%
21	17.521	2535	2539	2549	rVB	41452	62384	1.33%	0.131%
22	18.251	2659	2663	2673	rVB	40366	71803	1.53%	0.151%
23	19.362	2847	2852	2856	rVV	349317	431632	9.18%	0.909%
24	19.421	2856	2862	2869	rVV2	2781292	4055208	86.22%	8.544%
25	20.409	3026	3030	3036	rBV	293031	337371	7.17%	0.711%
26	20.939	3115	3120	3129	rBV2	75789	122132	2.60%	0.257%
27	21.215	3162	3167	3173	rBV	2333872	3086325	65.62%	6.503%
28	21.374	3191	3194	3198	rVB	54367	59338	1.26%	0.125%
29	21.797	3263	3266	3272	rBV	53400	73641	1.57%	0.155%
30	22.250	3339	3343	3348	rBV	92678	126238	2.68%	0.266%
31	22.380	3360	3365	3369	rBV	148284	206835	4.40%	0.436%
32	22.744	3423	3427	3434	rVB2	112687	163046	3.47%	0.344%
33	23.280	3510	3518	3532	rBV2	2348544	4703558	100.00%	9.910%
34	23.415	3534	3541	3556	rVB	1678364	3222103	68.50%	6.789%

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35	23.921	3622	3627	3634	rVB	141450	271138	5.76%	0.571%
36	24.650	3744	3751	3766	rVB2	145631	350390	7.45%	0.738%
37	25.485	3888	3893	3902	rVB2	93864	216098	4.59%	0.455%

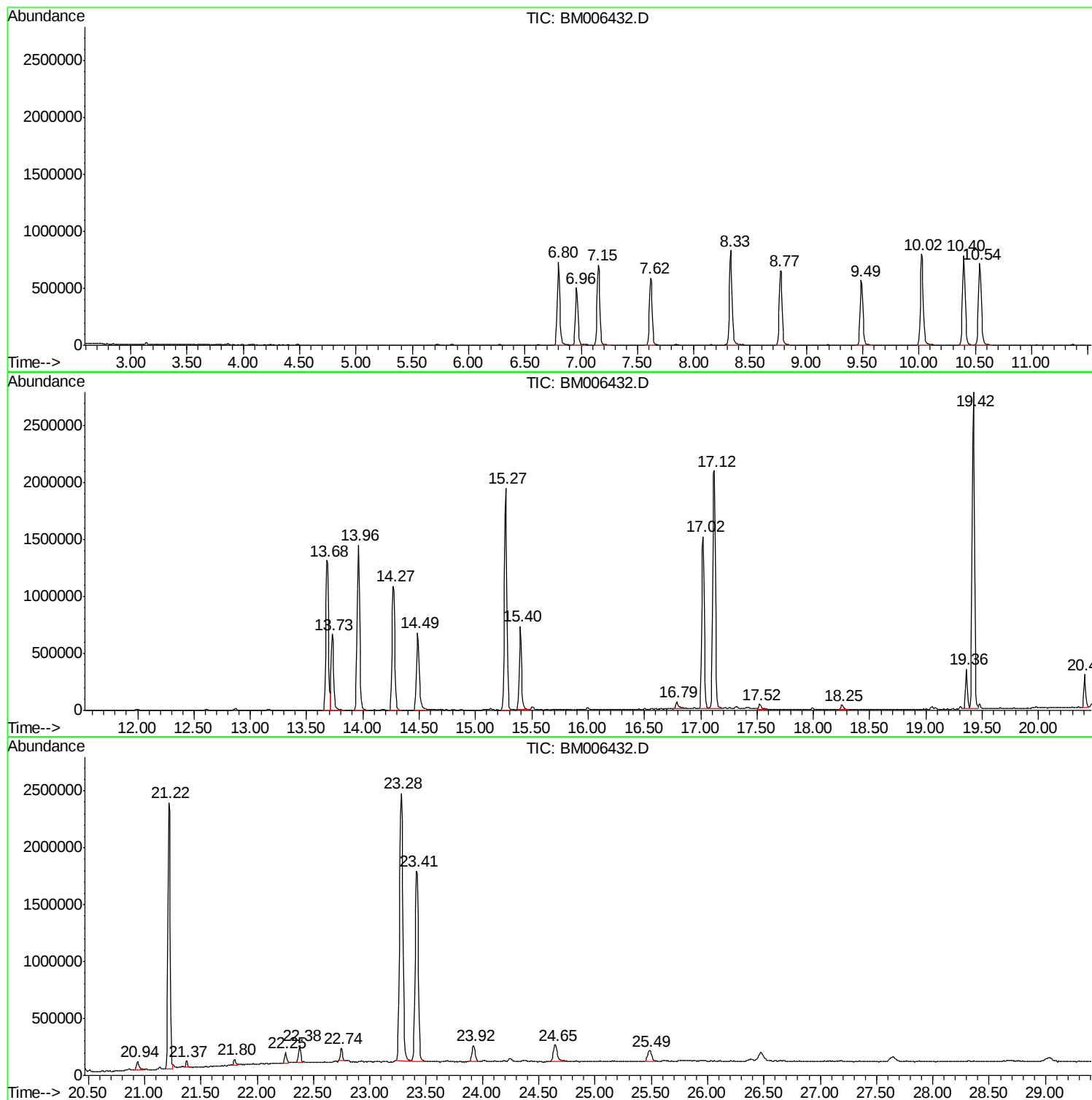
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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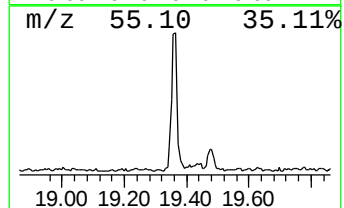
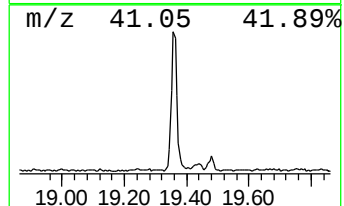
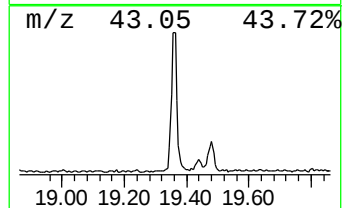
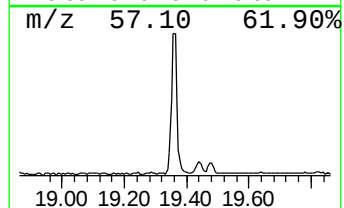
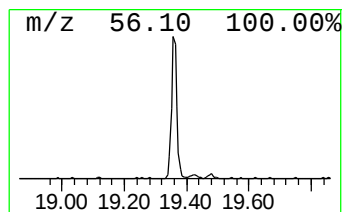
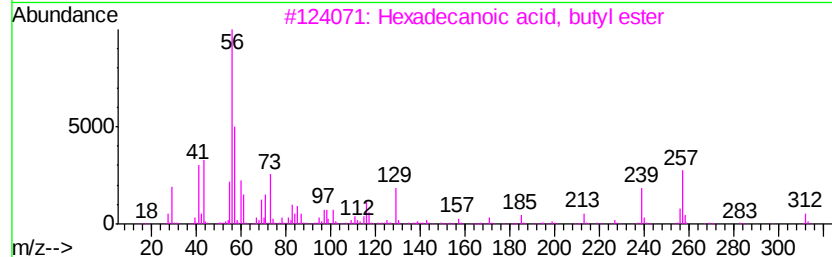
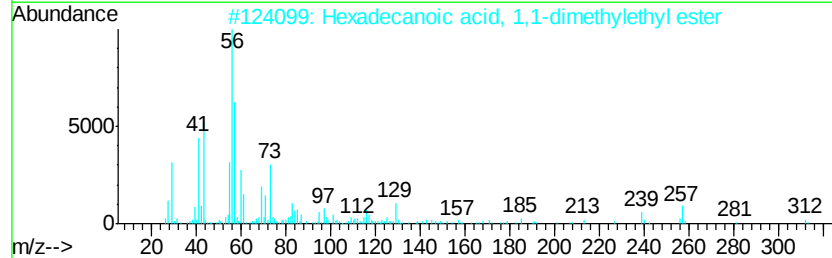
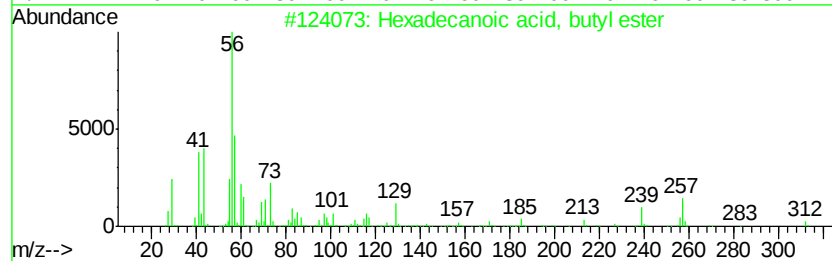
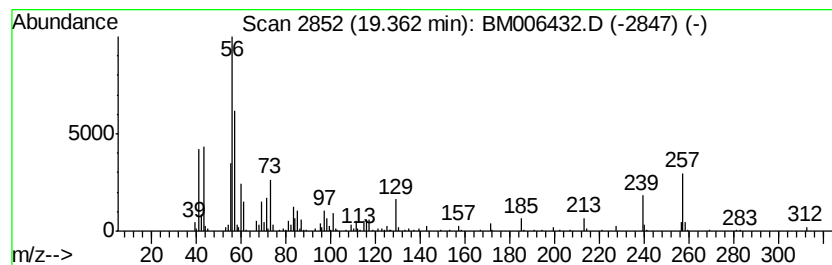
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.80 ng/ul	431632	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



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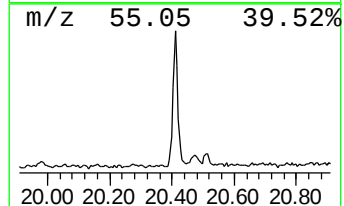
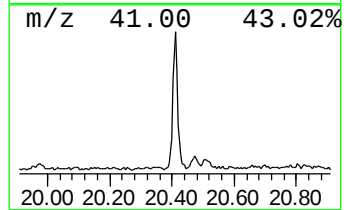
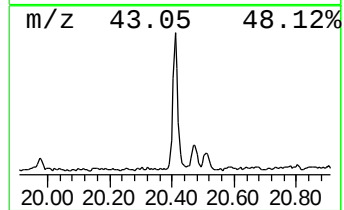
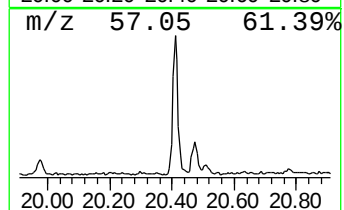
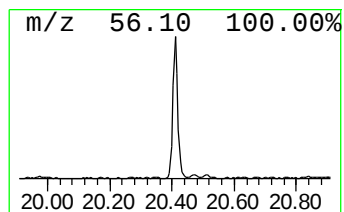
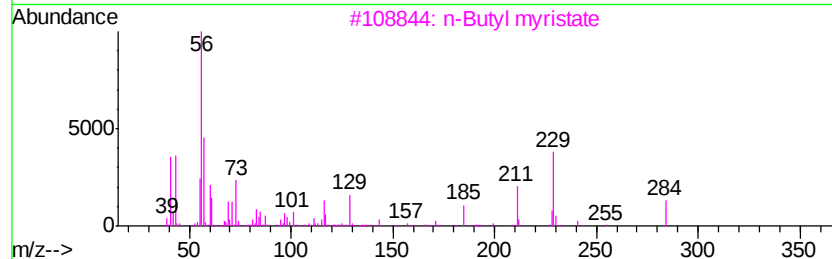
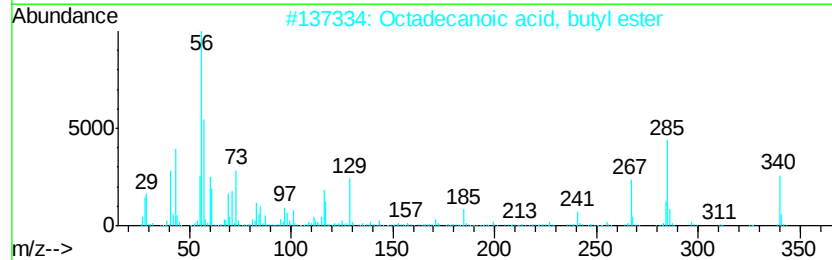
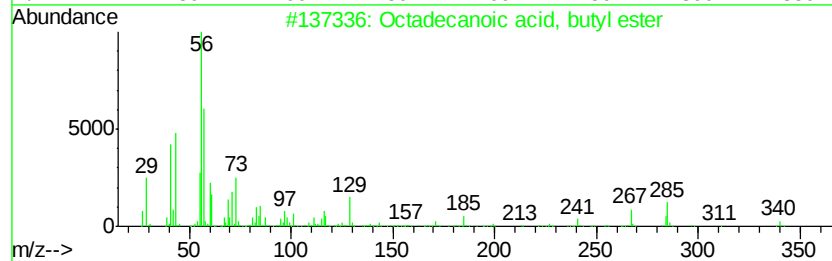
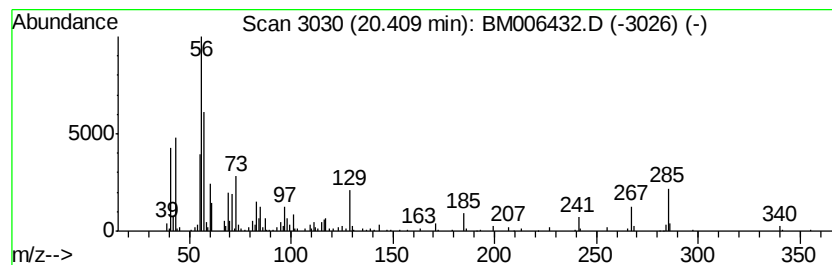
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.19 ng/ul	337371	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	74
3		n-Butyl myristate	284	C18H36O2	000110-36-1	64
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	49
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35



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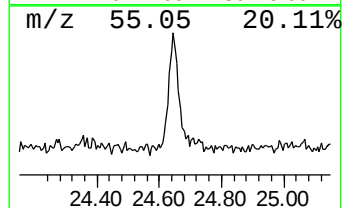
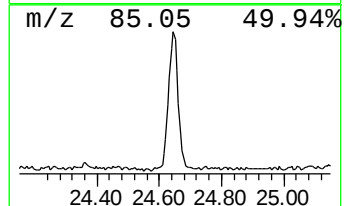
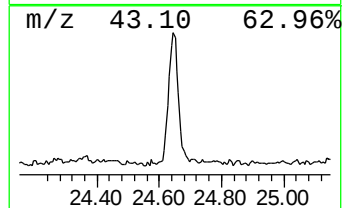
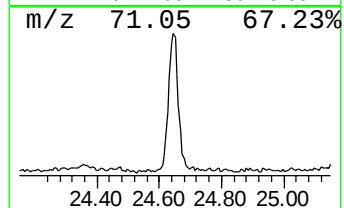
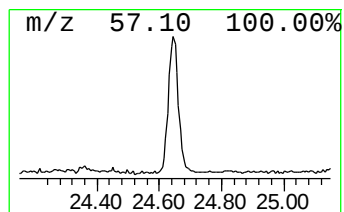
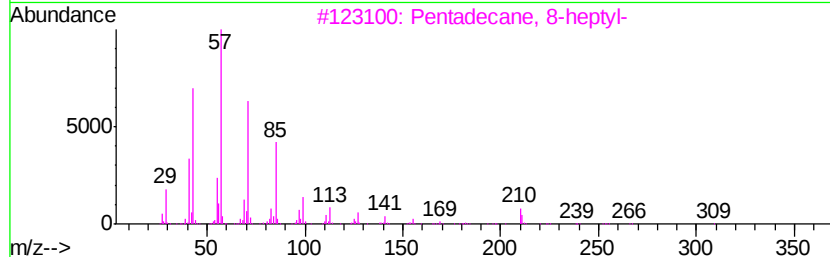
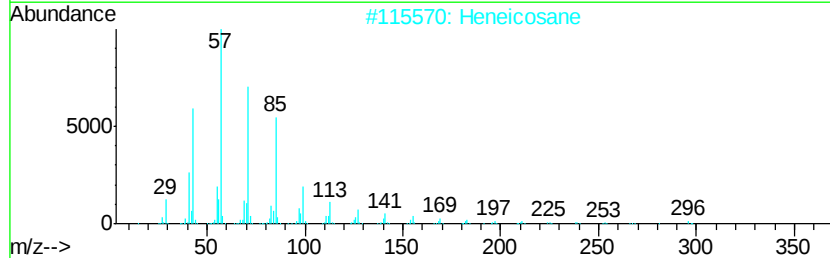
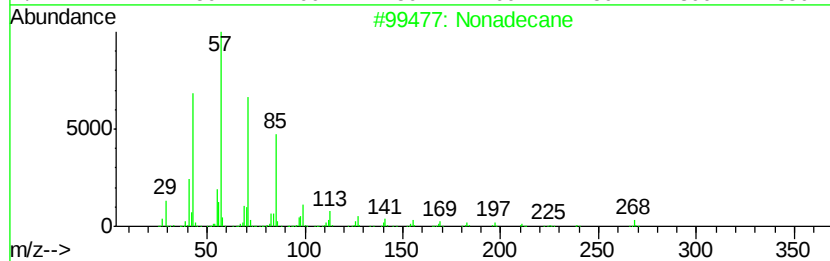
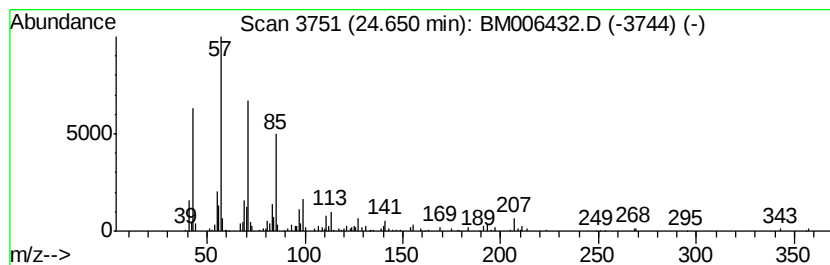
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.17 ng/ul	350390	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Nonadecane	268	C19H40	000629-92-5	89
5		Hentriacontane	437	C31H64	000630-04-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.36	2.8	ng/ul	431632	5	21.22	3086330	20.0
Octadecanoic acid...	20.41	2.2	ng/ul	337371	5	21.22	3086330	20.0
(DEL) Alkane: Str...	24.65	2.2	ng/ul	350390	6	23.41	3222100	20.0