

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007055.D
 Acq On : 12 Aug 2016 23:06
 Operator : UM/SJ
 Sample : H4389-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-0612-01

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-BM081116.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	3.328	122	126	135	rVB	39471	58153	1.06%	0.097%
2	6.975	738	746	757	rBV	802030	1311240	23.86%	2.176%
3	7.145	769	775	783	rBV	597445	932892	16.98%	1.548%
4	7.345	802	809	818	rBV	851422	1349700	24.56%	2.240%
5	7.810	882	888	897	rBV	851282	1375167	25.02%	2.282%
6	8.504	998	1006	1015	rBV	950971	1564530	28.47%	2.597%
7	8.963	1075	1084	1093	rBV	750822	1244461	22.65%	2.065%
8	9.681	1198	1206	1217	rBV	618409	1035652	18.85%	1.719%
9	10.216	1290	1297	1305	rBV	999186	1686658	30.69%	2.799%
10	10.598	1354	1362	1370	rBV	1101407	1837477	33.44%	3.050%
11	10.733	1377	1385	1399	rBV	804381	1414464	25.74%	2.348%
12	13.851	1908	1915	1919	rBV	1761550	2513121	45.73%	4.171%
13	13.898	1919	1923	1932	rVB	1011541	1381020	25.13%	2.292%
14	14.133	1957	1963	1972	rVB	1943426	2972197	54.09%	4.933%
15	14.445	2007	2016	2025	rBV2	1535016	2450275	44.59%	4.067%
16	14.627	2038	2047	2056	rBV	783929	1176371	21.41%	1.952%
17	15.298	2158	2161	2168	rVB	71605	88594	1.61%	0.147%
18	15.433	2175	2184	2192	rBV	2582758	3786048	68.90%	6.284%
19	15.545	2198	2203	2217	rBV	641633	954064	17.36%	1.583%
20	15.674	2220	2225	2229	rBV3	35687	66387	1.21%	0.110%
21	16.163	2303	2308	2317	rBV	106358	185225	3.37%	0.307%
22	16.957	2438	2443	2448	rBV2	64661	95128	1.73%	0.158%
23	17.186	2475	2482	2487	rBV	2068601	3020578	54.97%	5.013%
24	17.280	2492	2498	2508	rVB2	2807536	4222053	76.83%	7.007%
25	17.686	2560	2567	2571	rBV6	30080	56905	1.04%	0.094%
26	18.080	2627	2634	2644	rBV2	289346	450373	8.20%	0.747%
27	18.604	2719	2723	2728	rBV8	37266	59124	1.08%	0.098%
28	19.215	2822	2827	2828	rBV2	68270	90997	1.66%	0.151%
29	19.239	2828	2831	2838	rVB	215608	309218	5.63%	0.513%
30	19.362	2848	2852	2861	rBV	119007	172372	3.14%	0.286%
31	19.574	2882	2888	2899	rBV	3828275	5459945	99.36%	9.062%
32	19.709	2901	2911	2912	rBV7	117556	317089	5.77%	0.526%
33	20.103	2974	2978	2983	rBV8	29424	69698	1.27%	0.116%
34	21.080	3140	3144	3152	rBV3	572832	742919	13.52%	1.233%

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35	21.145	3153	3155	3163	rVB	100516	142329	2.59%	0.236%
36	21.362	3186	3192	3197	rBV	3268550	4205008	76.52%	6.979%
37	21.980	3292	3297	3301	rBV3	208845	354122	6.44%	0.588%
38	22.574	3395	3398	3405	rVB	165614	252298	4.59%	0.419%
39	22.956	3459	3463	3468	rBV	342660	558357	10.16%	0.927%
40	23.491	3547	3554	3560	rBV2	2834872	5495296	100.00%	9.120%
41	23.639	3571	3579	3588	rVB	2213523	4264837	77.61%	7.078%
42	24.209	3671	3676	3683	rVB	277394	531428	9.67%	0.882%

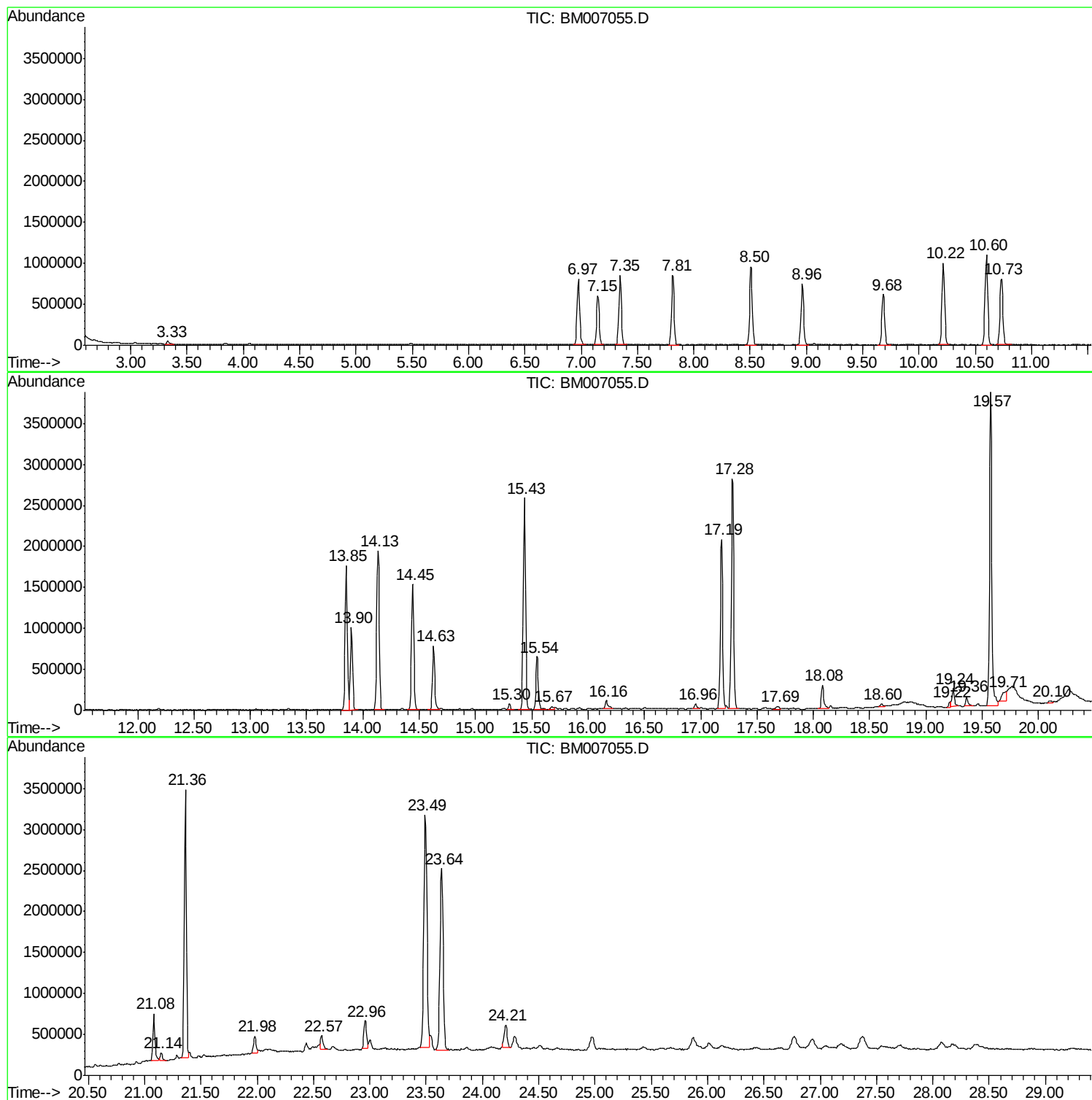
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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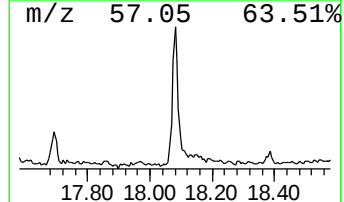
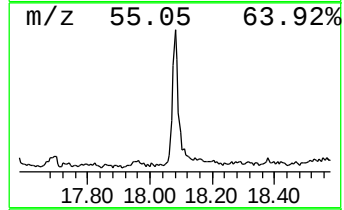
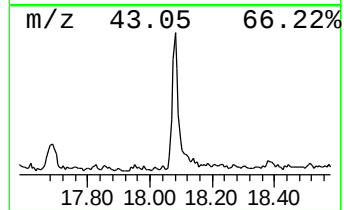
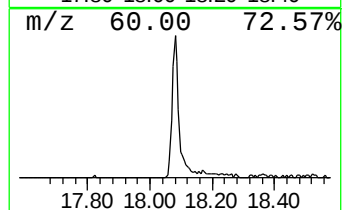
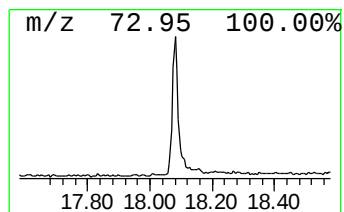
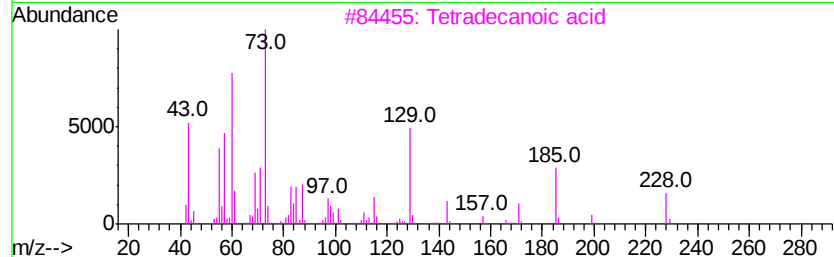
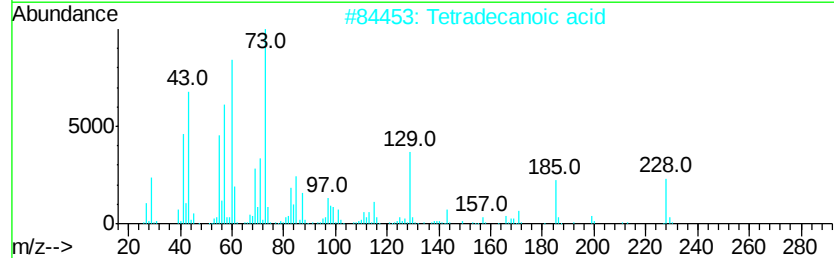
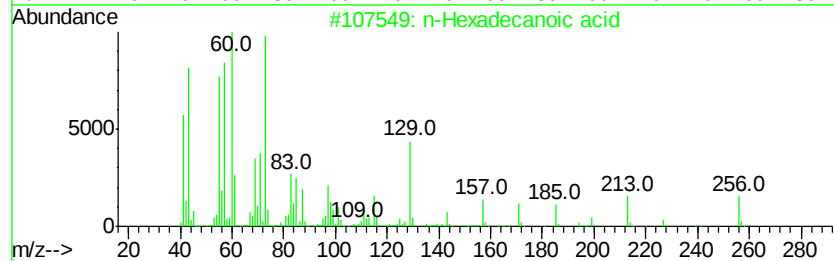
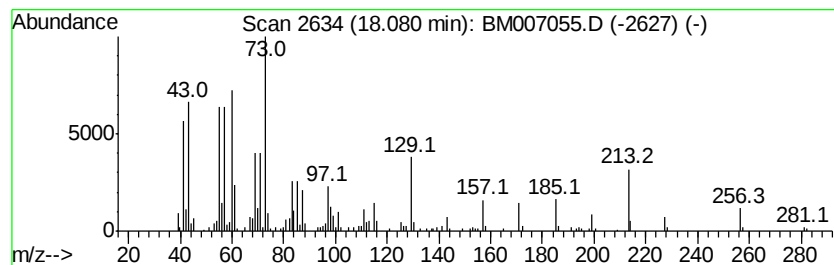
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.98 ng/ul	450373	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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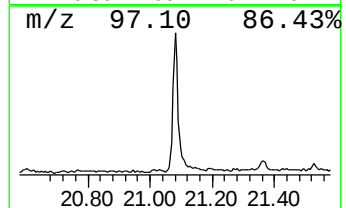
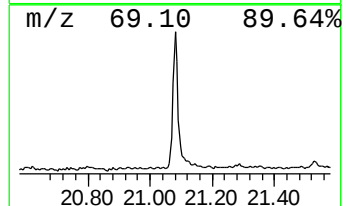
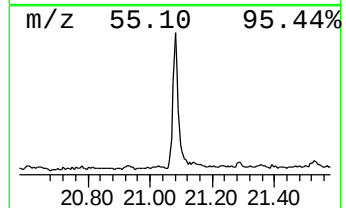
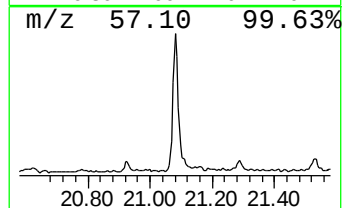
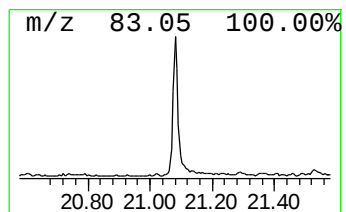
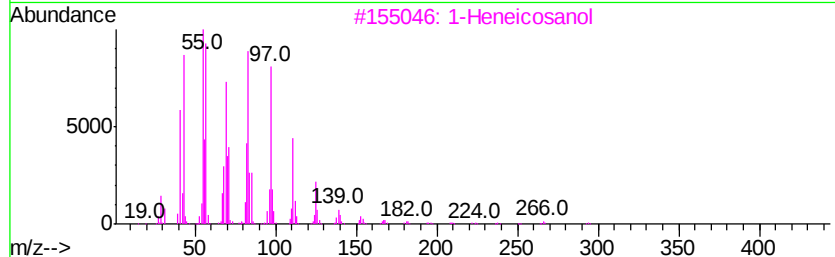
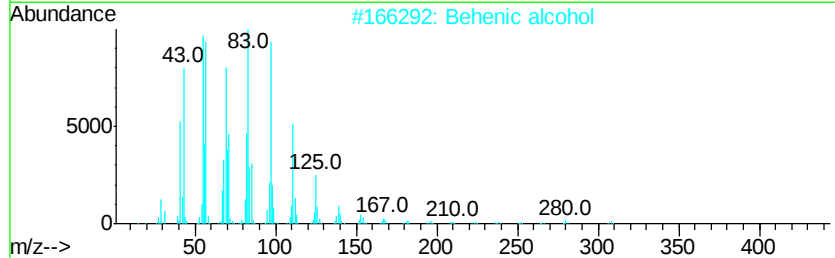
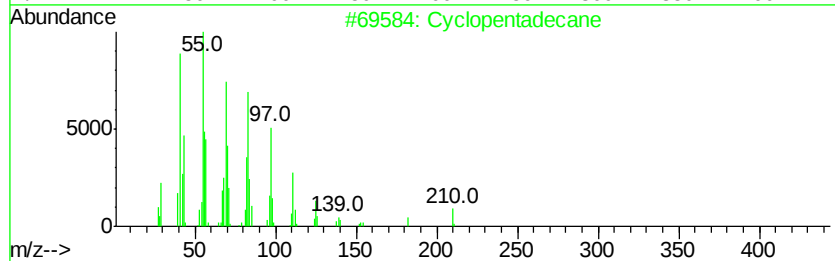
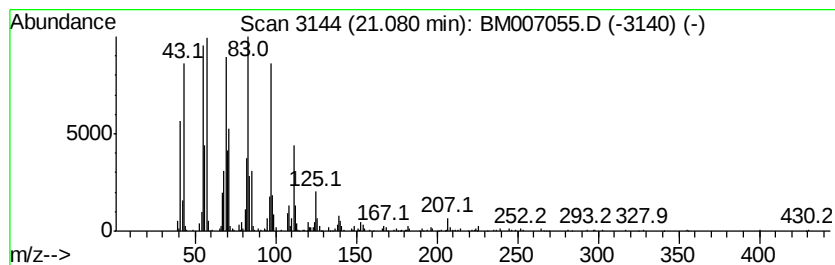
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Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	3.53 ng/ul	742919	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	96
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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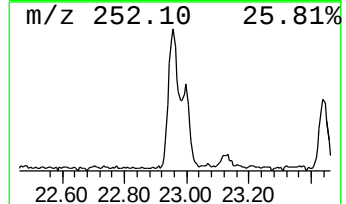
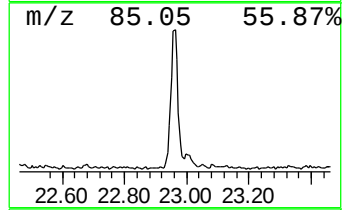
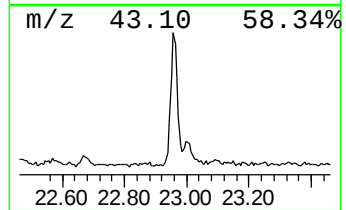
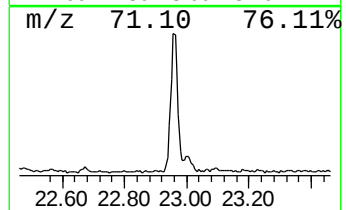
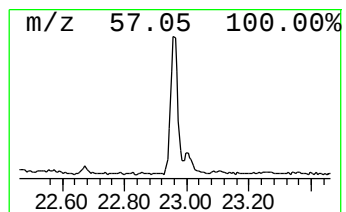
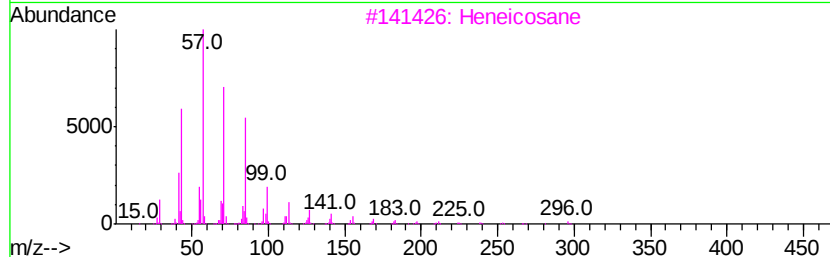
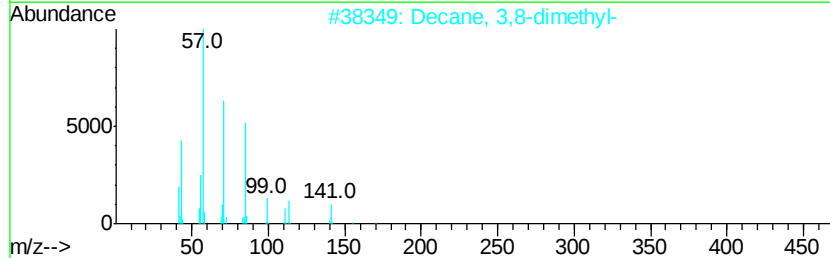
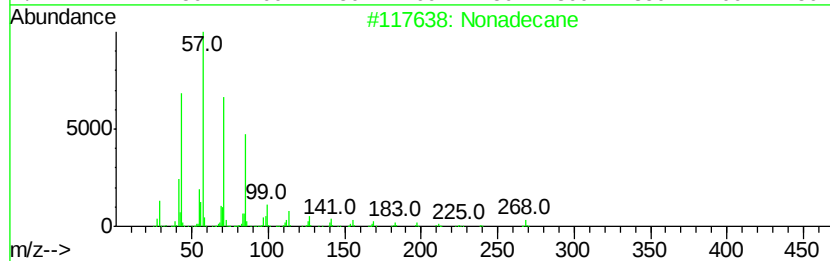
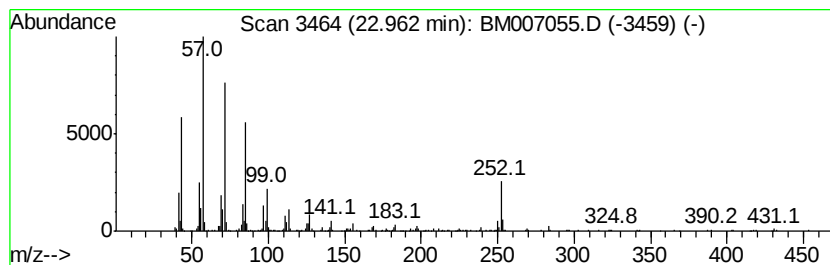
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.62 ng/ul	558357	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane	282	C20H42	000112-95-8	83



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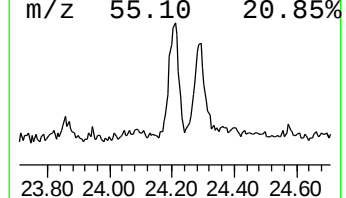
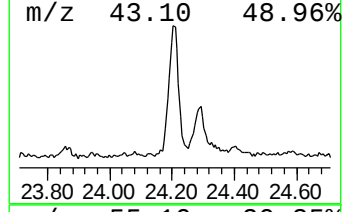
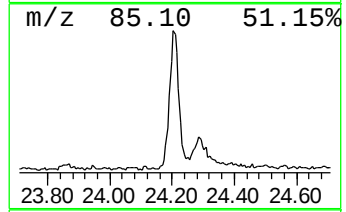
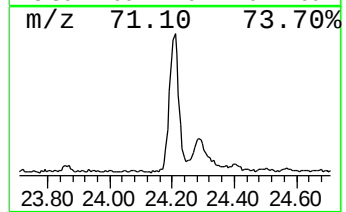
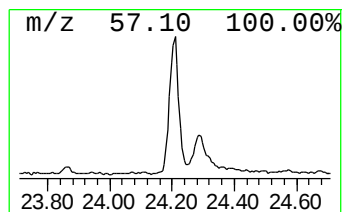
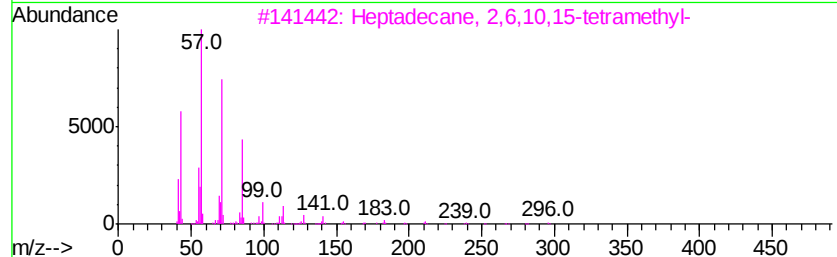
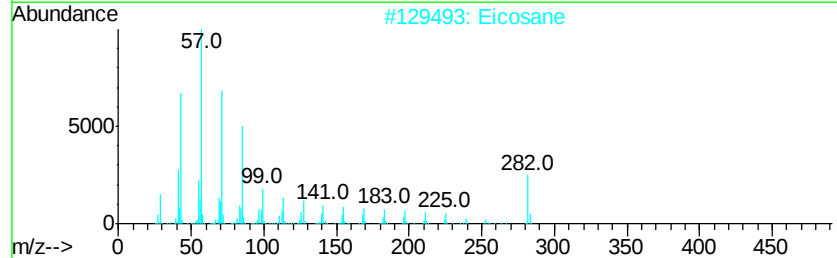
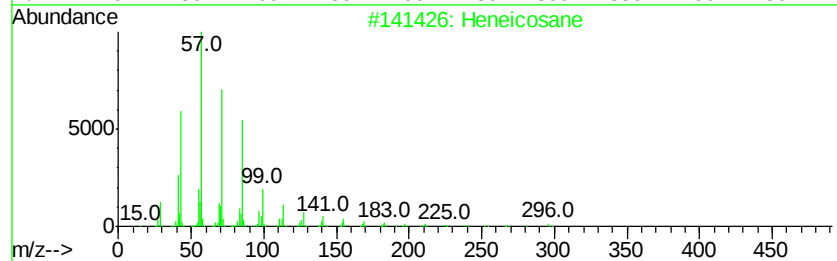
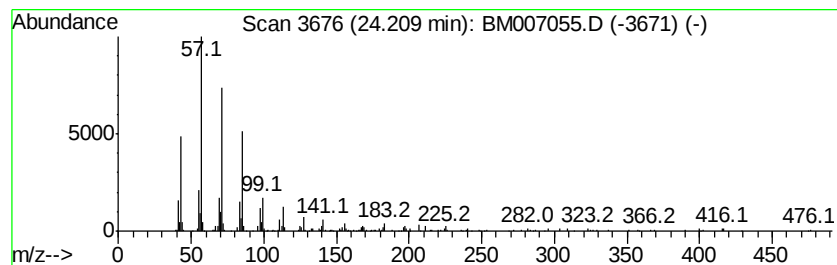
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.49 ng/ul	531428	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Eicosane	282	C20H42	000112-95-8	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.08	3.0	ng/ul	450373	4	17.19	3020580	20.0
(DEL) Alkane: Cyc...	21.08	3.5	ng/ul	742919	5	21.36	4205010	20.0
(DEL) Alkane: Str...	22.96	2.6	ng/ul	558357	6	23.64	4264840	20.0
(DEL) Alkane: Str...	24.21	2.5	ng/ul	531428	6	23.64	4264840	20.0