

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007057.D
 Acq On : 13 Aug 2016 00:19
 Operator : UM/SJ
 Sample : H4389-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-2430-01

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	121	126	132	rBV	60846	86931	1.19%	0.124%
2	6.975	739	746	756	rBV	1070669	1762160	24.10%	2.514%
3	7.145	769	775	784	rBV	792128	1240926	16.97%	1.770%
4	7.345	802	809	816	rVB	1117021	1775326	24.28%	2.533%
5	7.810	882	888	895	rBV	835547	1353233	18.50%	1.931%
6	8.504	998	1006	1017	rBV	1293047	2132906	29.17%	3.043%
7	8.963	1077	1084	1094	rVB	985564	1628662	22.27%	2.324%
8	9.069	1097	1102	1109	rBV	48783	75652	1.03%	0.108%
9	9.681	1199	1206	1216	rBV	826808	1379772	18.87%	1.968%
10	10.216	1290	1297	1311	rBV	1302647	2190195	29.95%	3.125%
11	10.598	1354	1362	1369	rVB	1061852	1794077	24.53%	2.560%
12	10.728	1377	1384	1394	rBV	1180464	2083198	28.49%	2.972%
13	13.851	1909	1915	1919	rBV	2228994	3218376	44.01%	4.591%
14	13.898	1919	1923	1933	rVB	1521089	2029447	27.75%	2.895%
15	14.133	1956	1963	1971	rVB	2576734	3770692	51.56%	5.379%
16	14.445	2009	2016	2023	rBV2	1482785	2314429	31.65%	3.302%
17	14.627	2040	2047	2063	rBV	1115558	1675511	22.91%	2.390%
18	15.304	2158	2162	2167	rVB	80850	101716	1.39%	0.145%
19	15.433	2178	2184	2193	rBV	3290923	4751669	64.98%	6.779%
20	15.545	2197	2203	2211	rBV	880225	1312449	17.95%	1.872%
21	15.680	2221	2226	2229	rBV3	44942	81459	1.11%	0.116%
22	16.162	2304	2308	2311	rBV	120043	154408	2.11%	0.220%
23	16.957	2438	2443	2447	rBV2	74810	104174	1.42%	0.149%
24	17.186	2476	2482	2492	rBV	1953626	2889658	39.51%	4.123%
25	17.280	2492	2498	2505	rBV2	3571837	5294119	72.39%	7.553%
26	18.080	2629	2634	2644	rBV	297794	449288	6.14%	0.641%
27	19.209	2822	2826	2830	rBV	61440	82698	1.13%	0.118%
28	19.362	2847	2852	2862	rBV2	98893	147167	2.01%	0.210%
29	19.574	2882	2888	2894	rBV	4844357	6571234	89.86%	9.375%
30	19.621	2894	2896	2901	rVB2	63809	78797	1.08%	0.112%
31	20.109	2973	2979	2986	rBV5	43090	96546	1.32%	0.138%
32	21.080	3140	3144	3152	rBV	461517	595657	8.15%	0.850%
33	21.145	3152	3155	3160	rVB	72717	109605	1.50%	0.156%
34	21.362	3186	3192	3198	rBV	3248333	4142848	56.65%	5.910%

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35	22.956	3459	3463	3469	rBV3	152600	245289	3.35%	0.350%
36	23.491	3547	3554	3560	rBV	3848172	7313033	100.00%	10.433%
37	23.638	3571	3579	3588	rVB	2163523	4221704	57.73%	6.023%
38	24.203	3670	3675	3682	rVB	205240	401336	5.49%	0.573%
39	24.974	3801	3806	3813	rVB	205142	438216	5.99%	0.625%

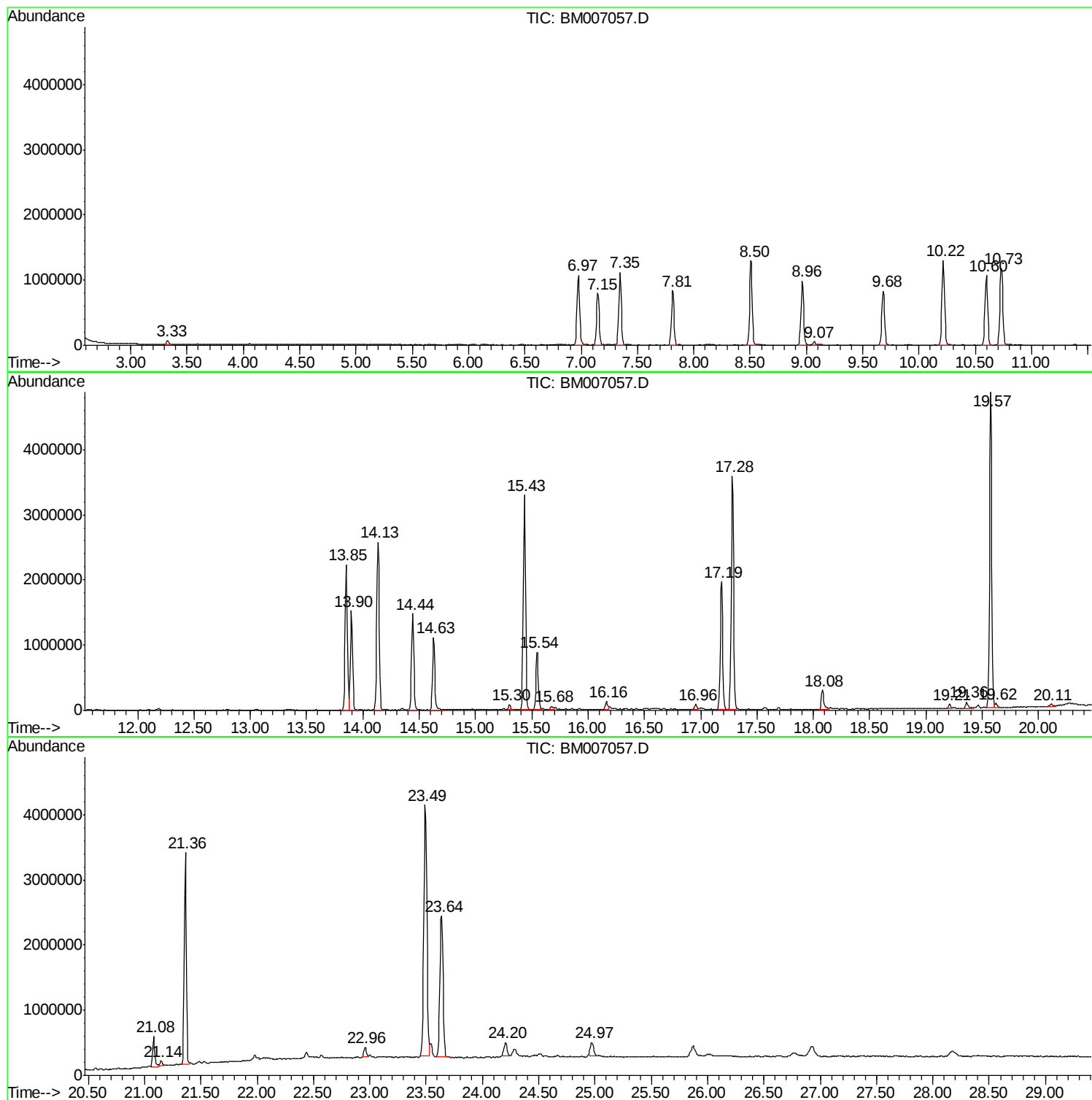
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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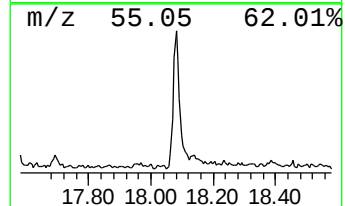
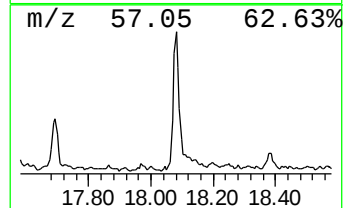
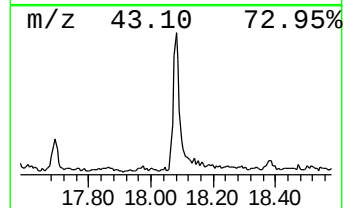
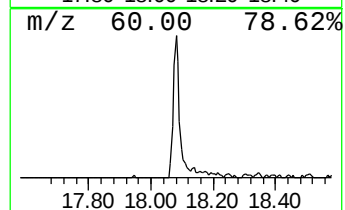
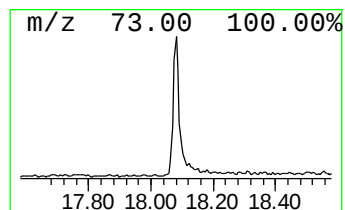
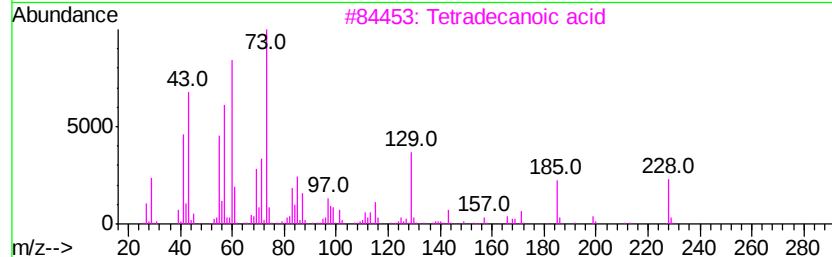
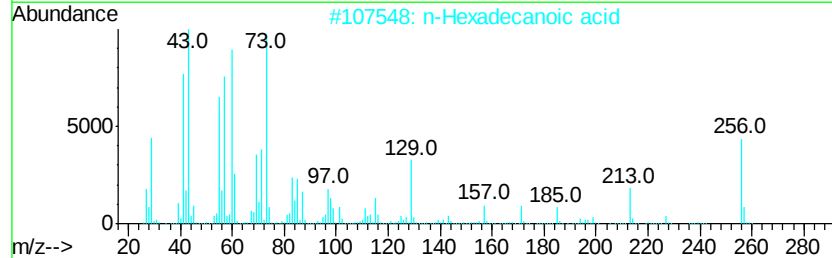
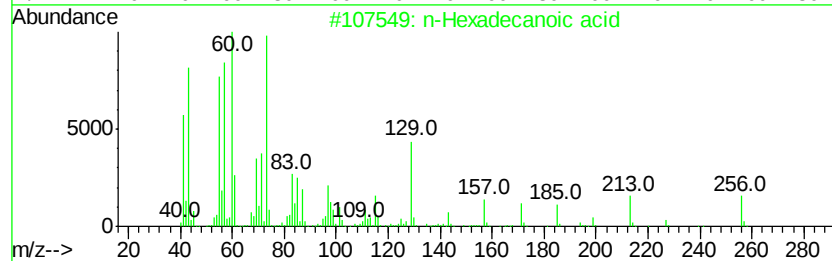
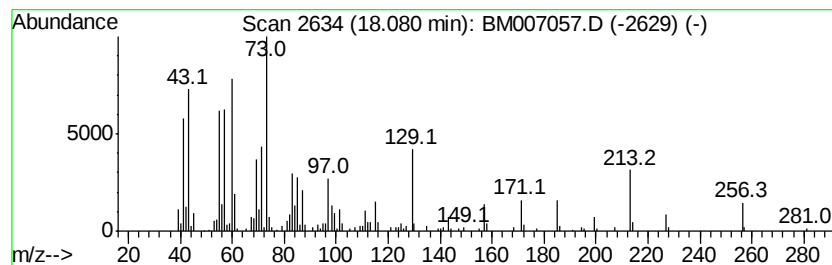
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.08	3.11 ng/ul	449288	Phenanthrene-d10		17.19	
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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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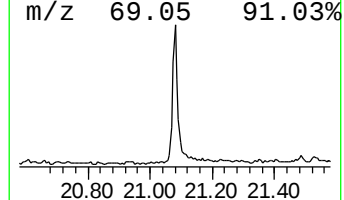
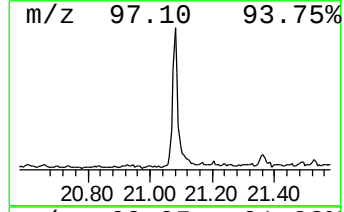
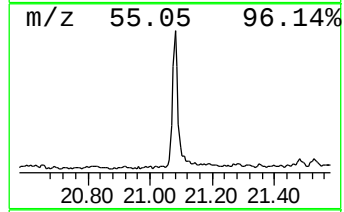
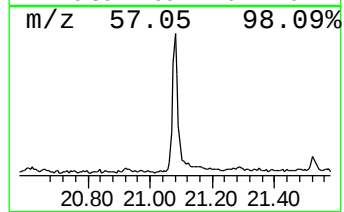
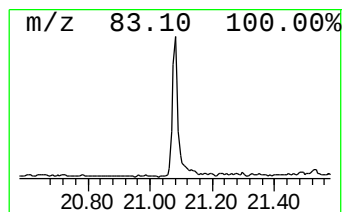
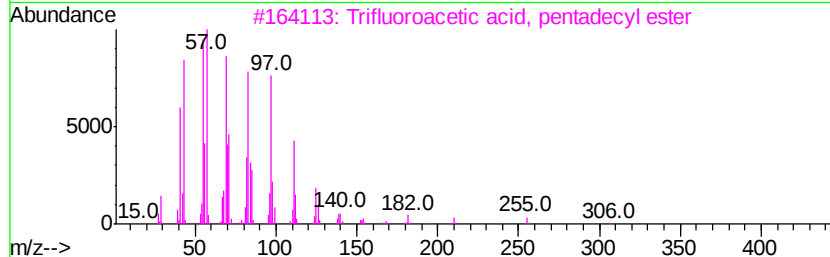
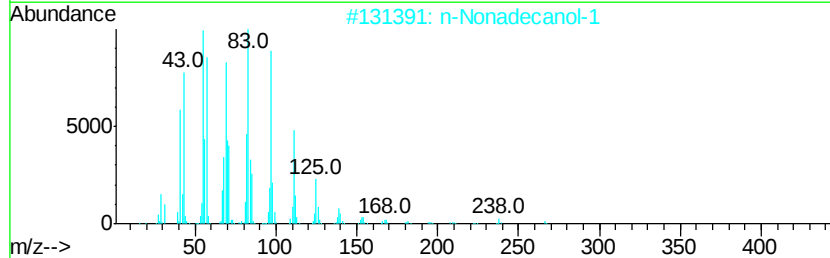
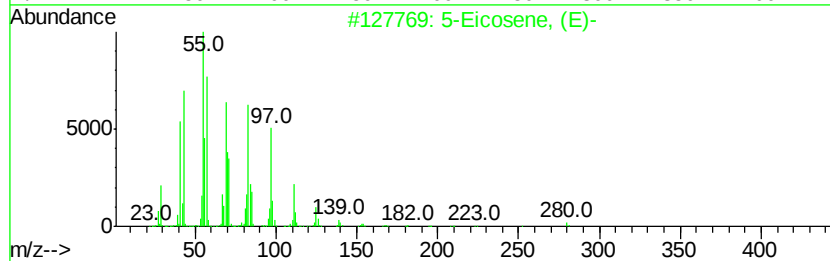
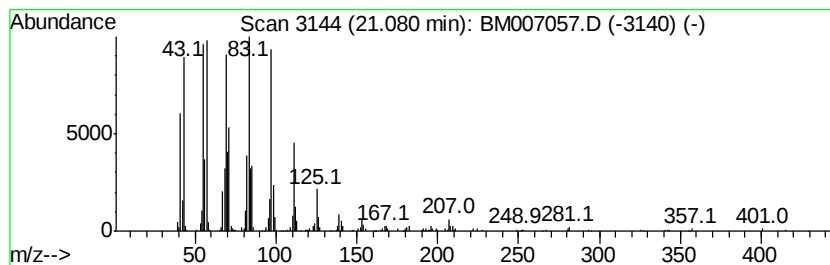
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Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.88 ng/ul	595657	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		Cetene	224	C16H32	000629-73-2	93



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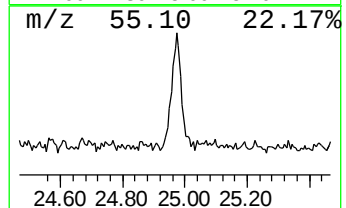
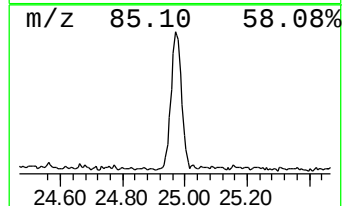
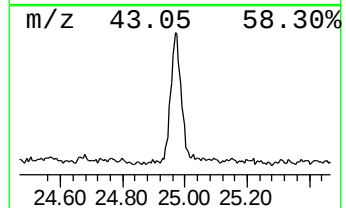
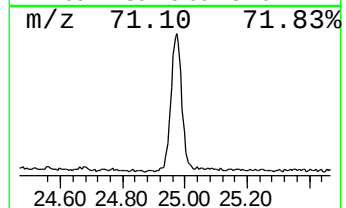
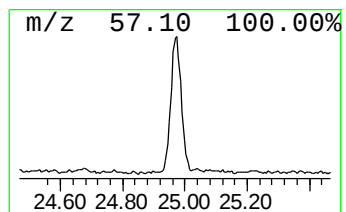
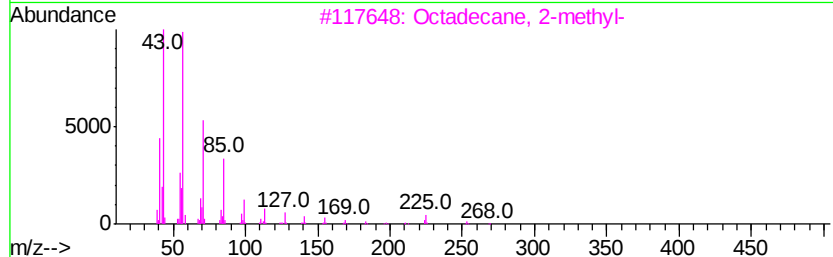
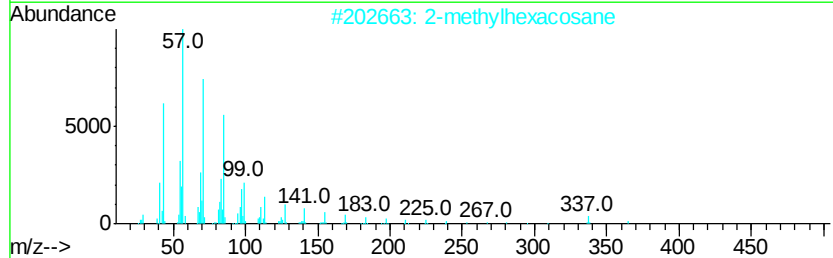
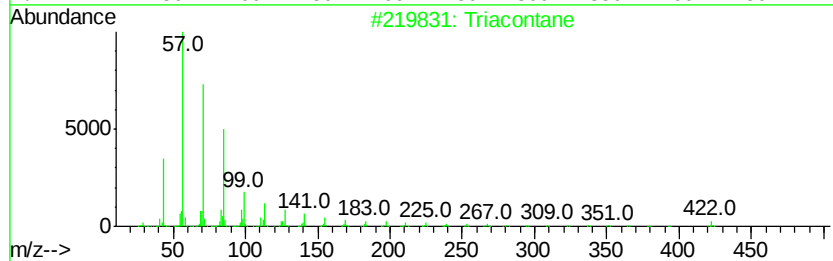
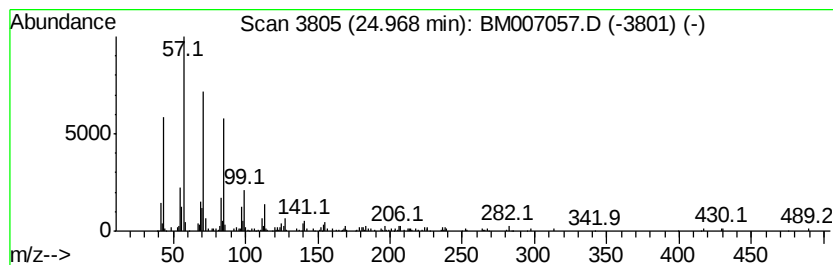
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.08 ng/ul	438216	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methylhexacosane	380	C27H56	1000376-72-7	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.08	3.1	ng/ul	449288	4	17.19	2889660	20.0
(DEL) Alkane: Cyc...	21.08	2.9	ng/ul	595657	5	21.36	4142850	20.0
(DEL) Alkane: Str...	24.97	2.1	ng/ul	438216	6	23.64	4221700	20.0