

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014089.D
 Acq On : 02 Feb 2018 00:34
 Operator : SJ/JU
 Sample : J1317-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C76

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\SOM-EPA-BM013118.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	3.122	19	23	27	rBV	42216	47840	1.28%	0.122%
2	6.246	548	554	559	rBV2	93282	138177	3.70%	0.351%
3	6.745	633	639	654	rBV	535374	975407	26.09%	2.480%
4	6.904	660	666	677	rBV	450739	705403	18.87%	1.793%
5	7.093	692	698	709	rBV	643864	1044912	27.95%	2.656%
6	7.557	770	777	788	rBV2	442851	755418	20.21%	1.920%
7	8.269	892	898	914	rBV	648952	1206814	32.28%	3.068%
8	8.710	967	973	990	rBV	609585	1106708	29.60%	2.813%
9	9.428	1084	1095	1111	rBV	527927	990357	26.49%	2.518%
10	9.963	1180	1186	1202	rBV	695941	1343844	35.94%	3.416%
11	10.328	1239	1248	1255	rBV	623665	1039980	27.82%	2.644%
12	10.486	1268	1275	1299	rBV	496113	1133204	30.31%	2.881%
13	13.633	1801	1810	1815	rBV	1370436	1995620	53.38%	5.073%
14	13.680	1815	1818	1833	rVB2	241320	398924	10.67%	1.014%
15	13.898	1847	1855	1864	rBV	1553284	2417985	64.68%	6.147%
16	14.116	1887	1892	1900	rBV2	62839	81369	2.18%	0.207%
17	14.210	1902	1908	1917	rVB2	889457	1386207	37.08%	3.524%
18	14.457	1944	1950	1970	rBV2	274248	755902	20.22%	1.922%
19	15.074	2051	2055	2061	rBV2	77215	96009	2.57%	0.244%
20	15.210	2072	2078	2098	rVB	1859557	2863960	76.60%	7.281%
21	15.357	2098	2103	2115	rBV	490110	825215	22.07%	2.098%
22	15.451	2116	2119	2129	rVB8	33184	75893	2.03%	0.193%
23	15.939	2198	2202	2208	rBV2	61251	96211	2.57%	0.245%
24	16.645	2316	2322	2330	rVB4	44696	85574	2.29%	0.218%
25	16.968	2370	2377	2387	rBV	1239657	1675230	44.81%	4.259%
26	17.068	2387	2394	2408	rVV	2080793	3019370	80.76%	7.676%
27	17.586	2478	2482	2488	rBV5	47188	67053	1.79%	0.170%
28	17.874	2526	2531	2542	rBV3	239941	419803	11.23%	1.067%
29	19.015	2720	2725	2728	rBV4	33548	58668	1.57%	0.149%
30	19.162	2746	2750	2758	rBV5	87299	138771	3.71%	0.353%
31	19.233	2758	2762	2765	rBV4	34363	48876	1.31%	0.124%
32	19.374	2780	2786	2797	rBV	2467449	3525353	94.30%	8.962%
33	19.909	2873	2877	2885	rBV10	30525	63966	1.71%	0.163%
34	20.256	2932	2936	2939	rBV5	58489	76559	2.05%	0.195%

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35	20.356	2950	2953	2957	rVB3	47491	55529	1.49%	0.141%
36	20.892	3040	3044	3056	rBV	440799	662925	17.73%	1.685%
37	21.174	3087	3092	3104	rBV	1444535	2005553	53.64%	5.098%
38	21.680	3176	3178	3185	rVB7	60439	62751	1.68%	0.160%
39	22.321	3284	3287	3290	rVB3	86566	98643	2.64%	0.251%
40	23.215	3432	3439	3449	rVB2	2084705	3738617	100.00%	9.504%
41	23.356	3456	3463	3470	rVB	916712	1826320	48.85%	4.643%
42	23.939	3558	3562	3571	rVB8	113403	225750	6.04%	0.574%

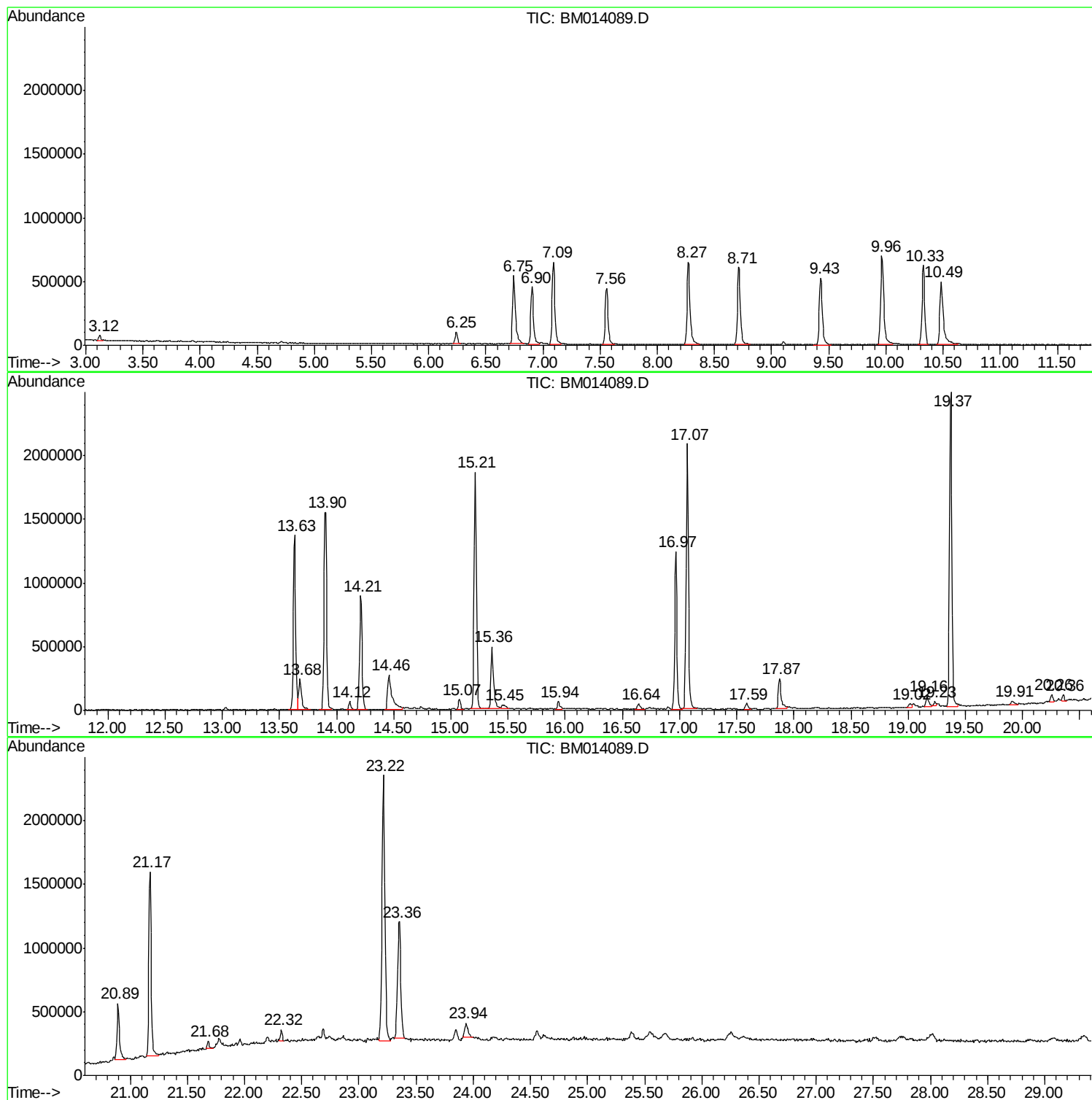
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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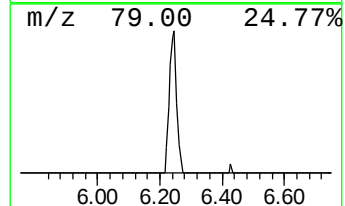
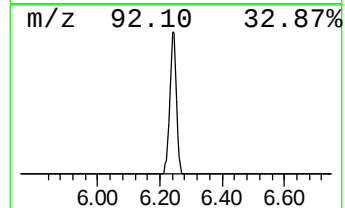
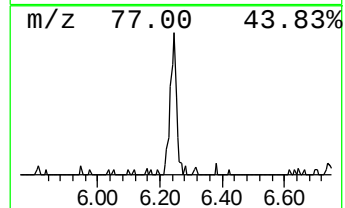
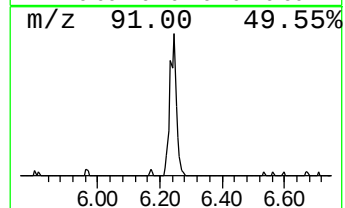
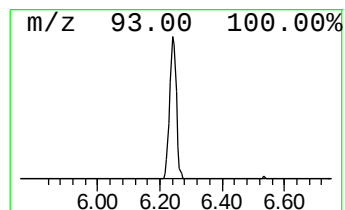
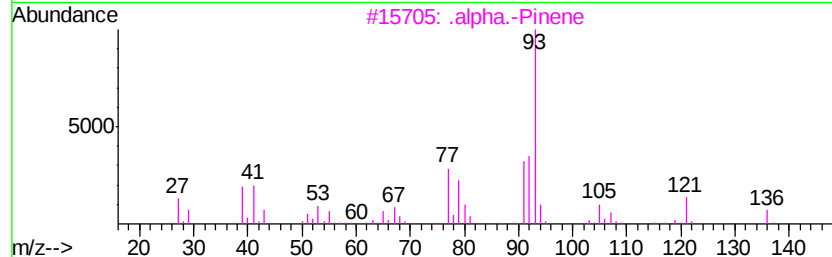
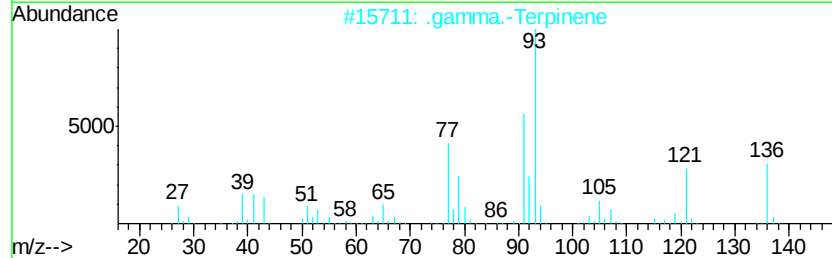
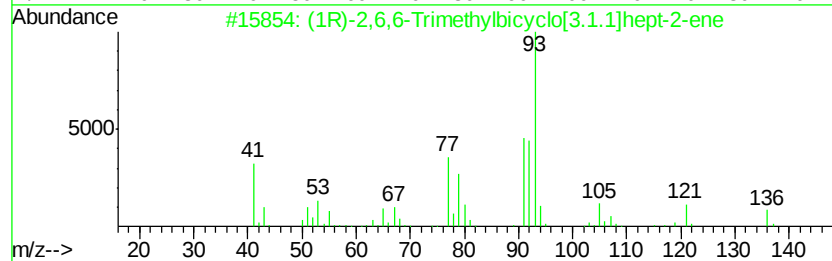
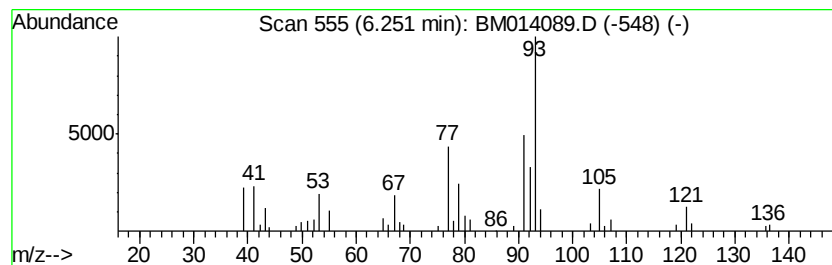
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	3.66 ng/ul	138177	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	87
2		.gamma.-Terpinene	136	C10H16	000099-85-4	87
3		.alpha.-Pinene	136	C10H16	000080-56-8	86
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	83
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	83



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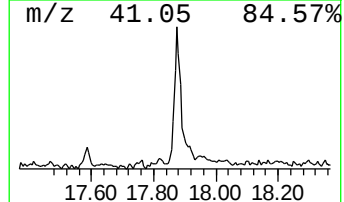
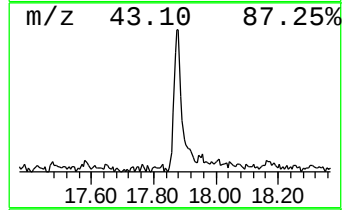
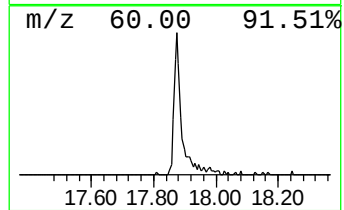
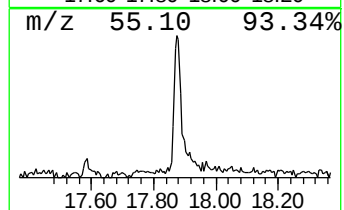
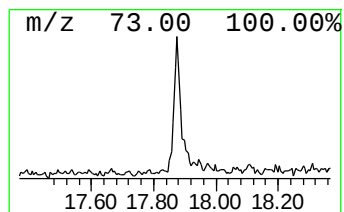
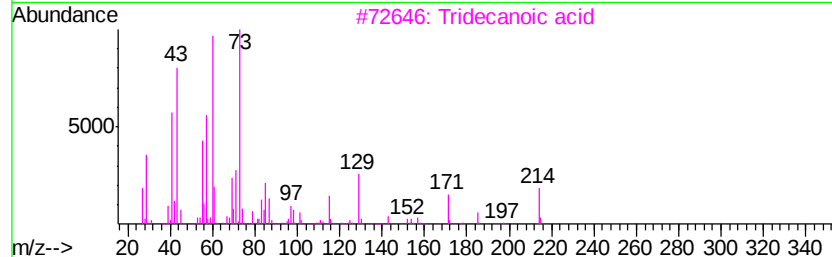
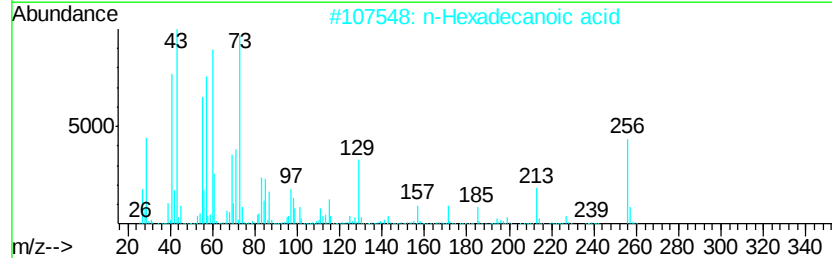
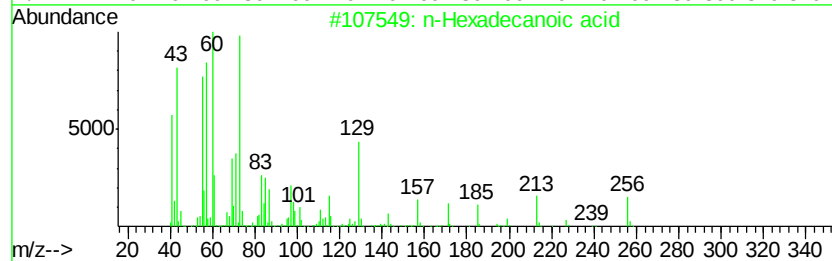
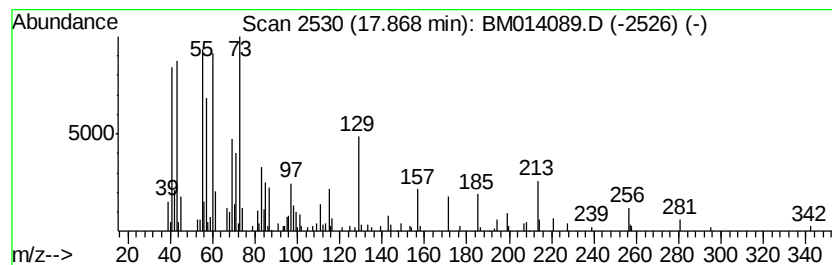
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.01 ng/ul	419803	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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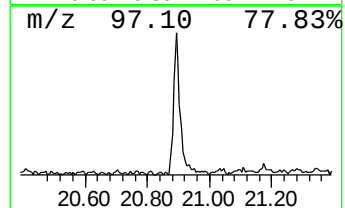
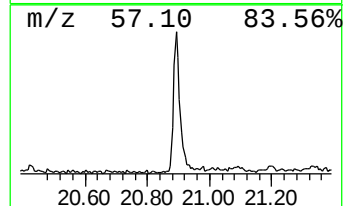
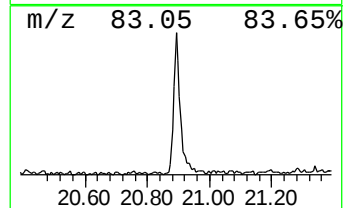
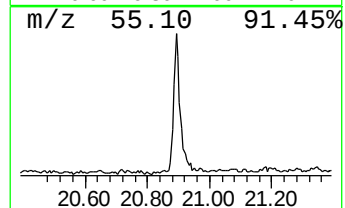
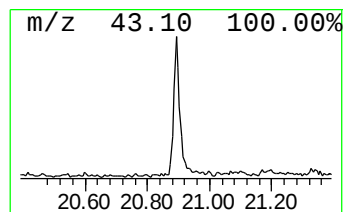
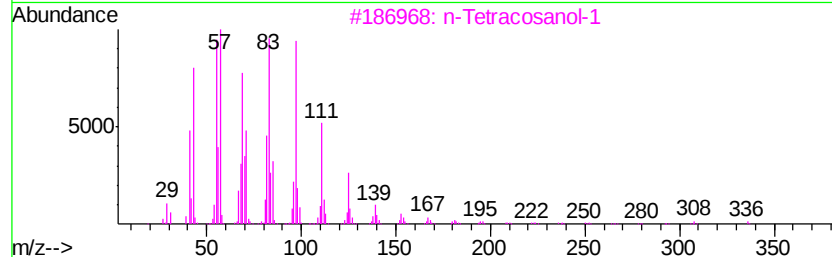
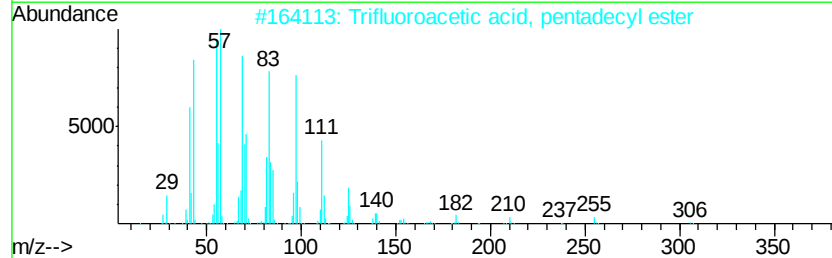
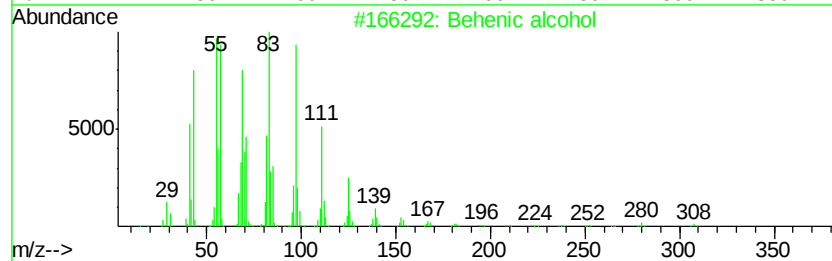
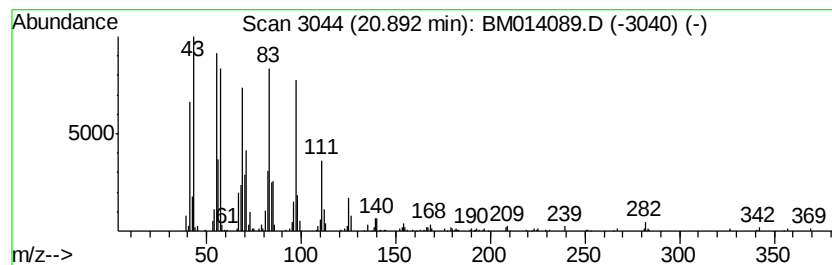
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	6.61 ng/ul	662925	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		Trifluoroacetoxyl hexadecane	338	C18H33F3O2	006222-03-3	91



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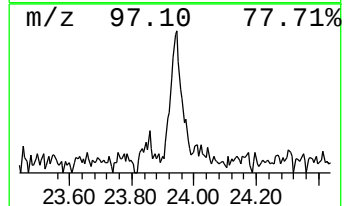
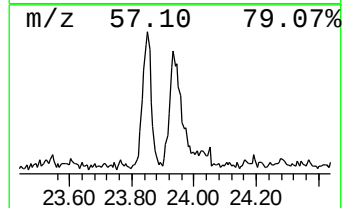
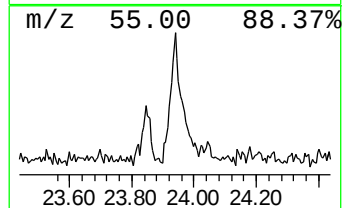
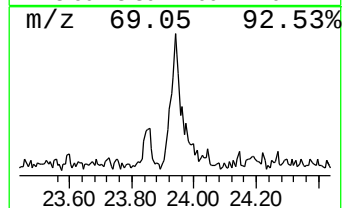
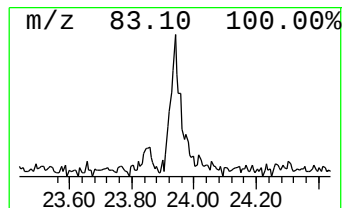
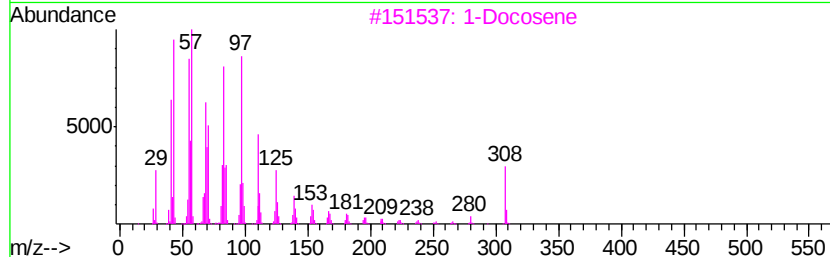
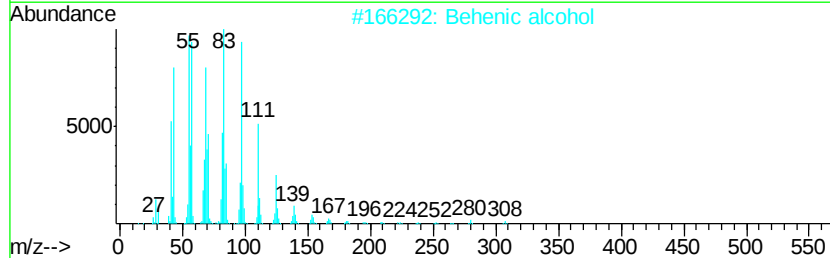
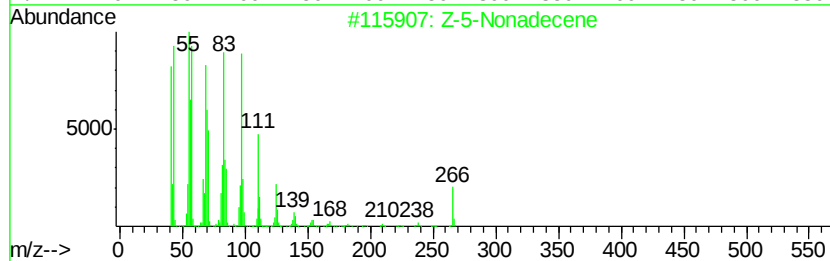
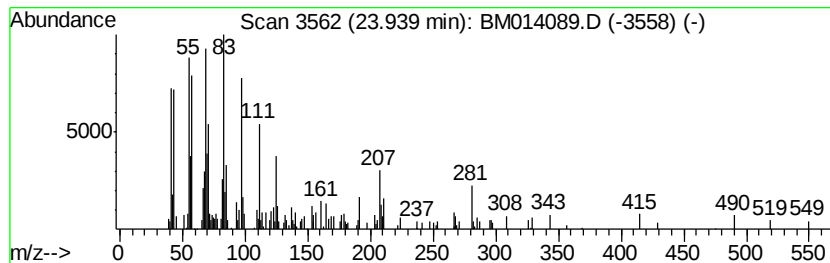
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Peak Number 4 (DEL) Alkane: Cyclic23.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.47 ng/ul	225750	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
2		Behenic alcohol	326	C22H46O	000661-19-8	80
3		1-Docosene	308	C22H44	001599-67-3	78
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	78
5		Cyclopentadecane	210	C15H30	000295-48-7	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.25	3.7	ng/ul	138177	1	7.56	755418	20.0
n-Hexadecanoic acid	17.87	5.0	ng/ul	419803	4	16.97	1675230	20.0
Behenic alcohol	20.89	6.6	ng/ul	662925	5	21.17	2005550	20.0
(DEL) Alkane: Cyc...	23.94	2.5	ng/ul	225750	6	23.35	1826320	20.0