

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014842.D
 Acq On : 25 Apr 2018 20:10
 Operator : SJ/JU
 Sample : J2449-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD6

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-BM041918.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	3.346	5	10	34	rVB	2666749	3932064	47.89%	4.141%
2	3.646	57	61	72	rVB	91787	136211	1.66%	0.143%
3	6.963	621	625	632	rBV	51098	87077	1.06%	0.092%
4	7.622	729	737	749	rBV	1495470	2655237	32.34%	2.796%
5	7.804	757	768	781	rBV	1197567	1950465	23.76%	2.054%
6	8.022	795	805	812	rBV	1550340	2528092	30.79%	2.662%
7	8.504	880	887	899	rVB	1233299	2042629	24.88%	2.151%
8	9.198	995	1005	1012	rBV	1743518	2875517	35.02%	3.028%
9	9.257	1012	1015	1024	rVB	51223	85577	1.04%	0.090%
10	9.680	1077	1087	1095	rBV	1365679	2355489	28.69%	2.481%
11	10.410	1202	1211	1219	rBV	1099696	1904677	23.20%	2.006%
12	10.951	1296	1303	1312	rBV	1790210	2975413	36.24%	3.134%
13	11.345	1362	1370	1378	rBV	1676741	2886578	35.16%	3.040%
14	11.469	1383	1391	1403	rBV	1623161	2832102	34.49%	2.983%
15	13.904	1799	1805	1810	rBV	61664	86550	1.05%	0.091%
16	14.498	1897	1906	1910	rBV	2817471	3915950	47.69%	4.124%
17	14.545	1910	1914	1919	rVB	726697	1020204	12.43%	1.074%
18	14.804	1952	1958	1969	rBV	3187931	5003813	60.94%	5.270%
19	14.921	1971	1978	1981	rVV4	34593	84083	1.02%	0.089%
20	14.957	1981	1984	1989	rVB	194897	240767	2.93%	0.254%
21	15.110	2002	2010	2017	rVB2	2278649	3576861	43.56%	3.767%
22	15.262	2026	2036	2048	rBV	1375266	1966057	23.95%	2.071%
23	15.898	2139	2144	2149	rVB2	240547	333693	4.06%	0.351%
24	16.086	2169	2176	2182	rBV	4045078	5984818	72.89%	6.303%
25	16.180	2187	2192	2201	rVV	1062696	1522930	18.55%	1.604%
26	16.304	2205	2213	2224	rVB2	64073	218575	2.66%	0.230%
27	16.745	2284	2288	2298	rBV	201873	346803	4.22%	0.365%
28	17.533	2417	2422	2427	rBV	135023	194045	2.36%	0.204%
29	17.821	2464	2471	2475	rBV	2797872	4136463	50.38%	4.356%
30	17.862	2475	2478	2482	rVV	339524	451709	5.50%	0.476%
31	17.915	2482	2487	2499	rVB	4286792	6351262	77.35%	6.689%
32	18.262	2542	2546	2550	rVB	75290	85350	1.04%	0.090%
33	18.650	2606	2612	2621	rBV2	686301	1095423	13.34%	1.154%
34	18.727	2621	2625	2634	rVB2	75073	144895	1.76%	0.153%

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35	19.556	2762	2766	2772	rBV5	48662	89194	1.09%	0.094%
36	19.827	2801	2812	2818	rVB	687138	1077802	13.13%	1.135%
37	19.886	2818	2822	2833	rBV	377798	571790	6.96%	0.602%
38	20.156	2862	2868	2879	rBV	5437144	8210544	100.00%	8.647%
39	20.356	2898	2902	2906	rBV2	149130	193918	2.36%	0.204%
40	21.562	3103	3107	3116	rVB3	992427	1516340	18.47%	1.597%
41	21.909	3160	3166	3170	rBV	3642706	5333028	64.95%	5.616%
42	24.232	3554	3561	3568	rVB	3725455	7061430	86.00%	7.437%
43	24.391	3581	3588	3595	rBV2	2423489	4892020	59.58%	5.152%

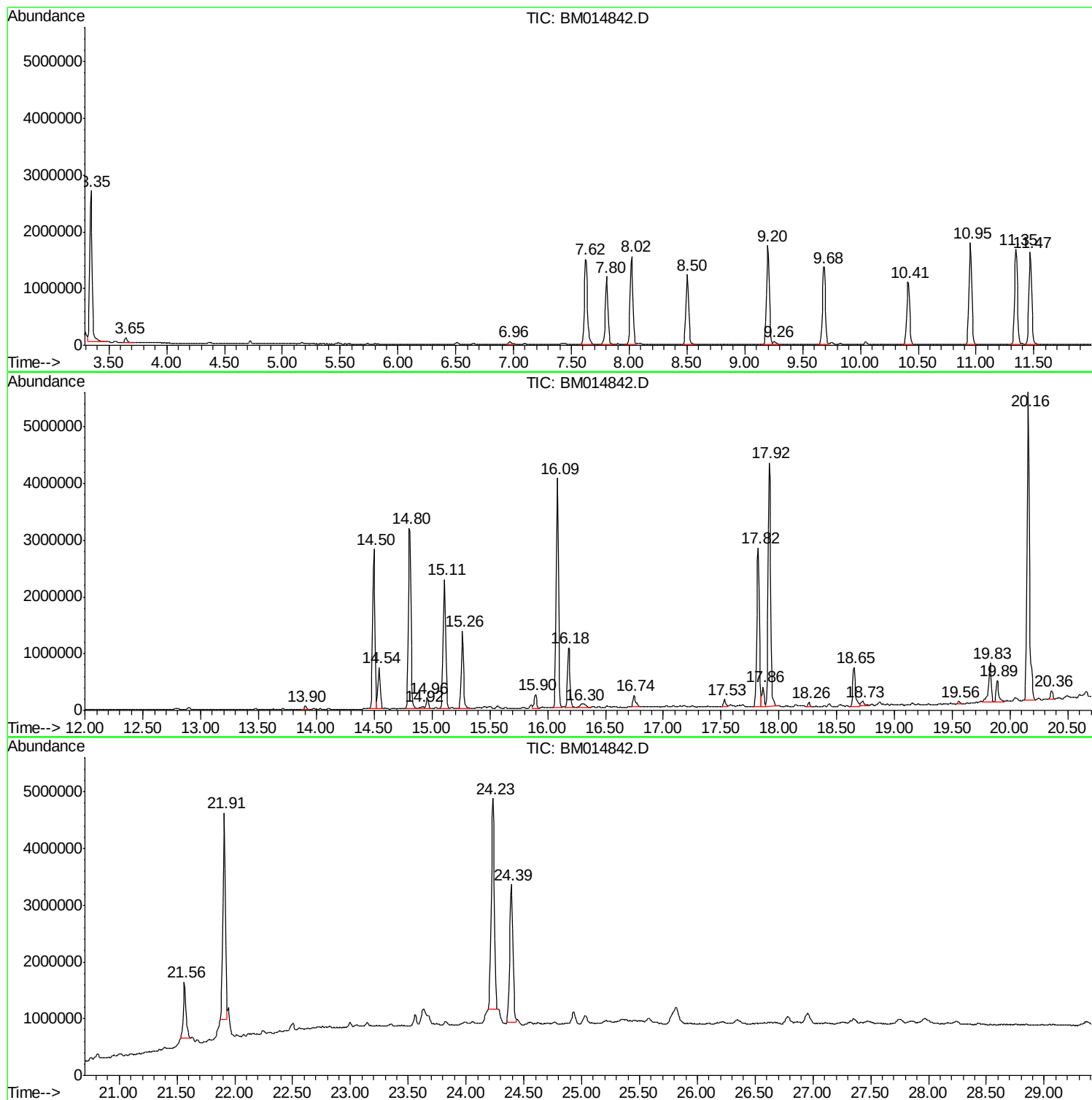
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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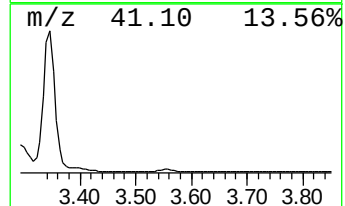
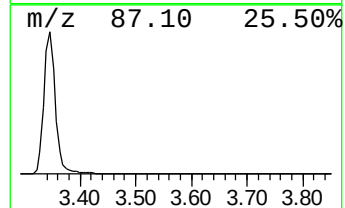
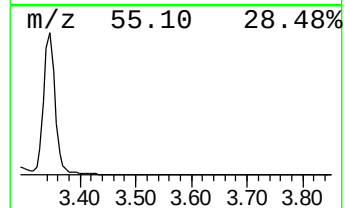
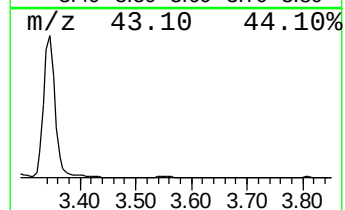
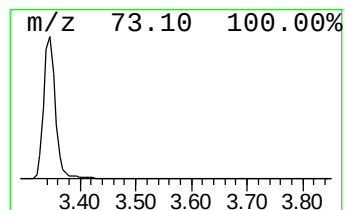
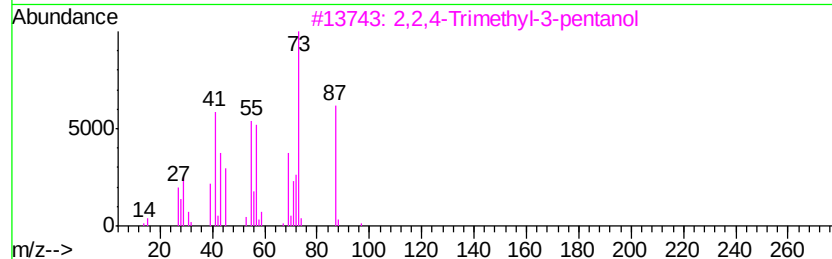
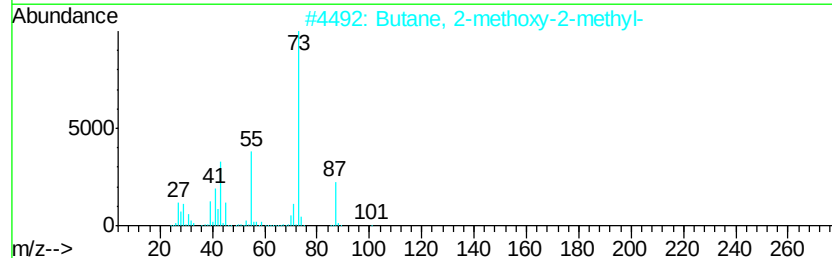
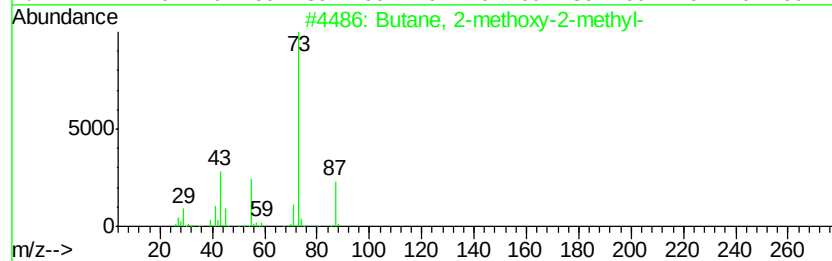
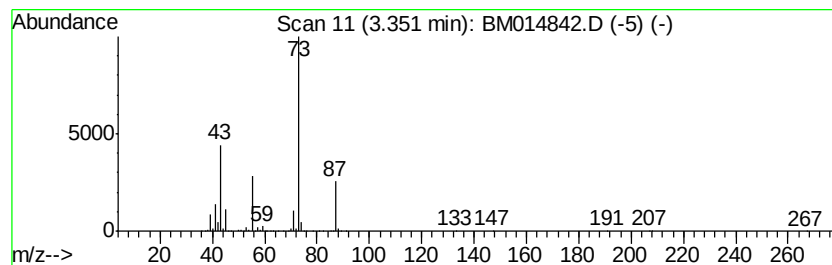
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	38.50 ng/ul	3932060	1,4-Dichlorobenzene-d4	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37



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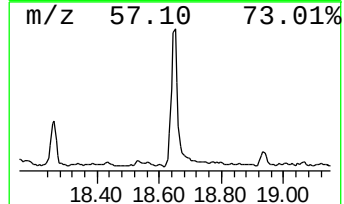
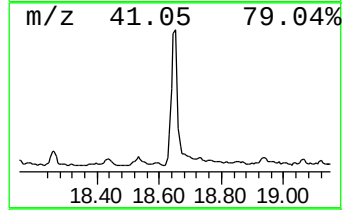
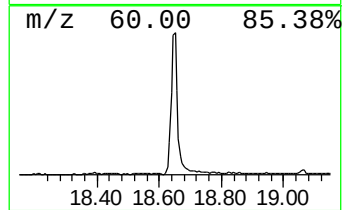
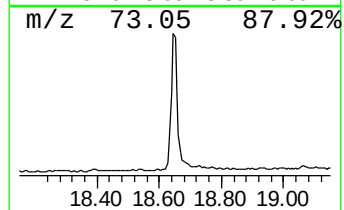
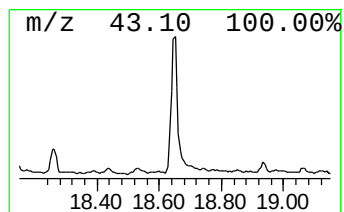
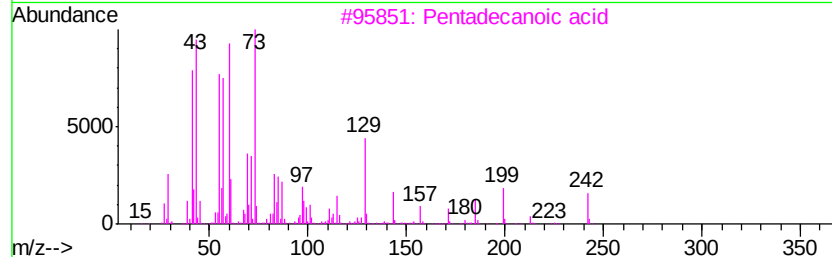
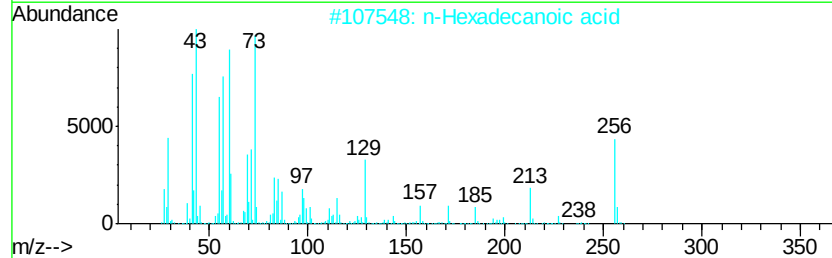
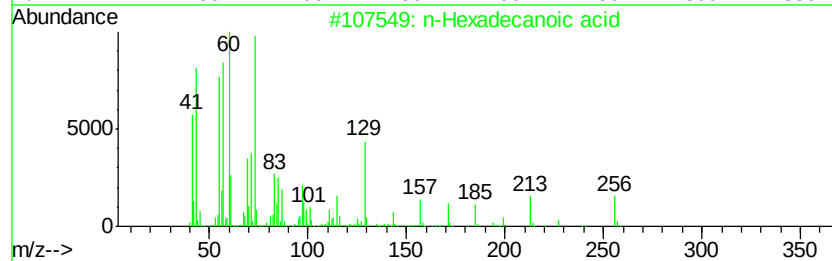
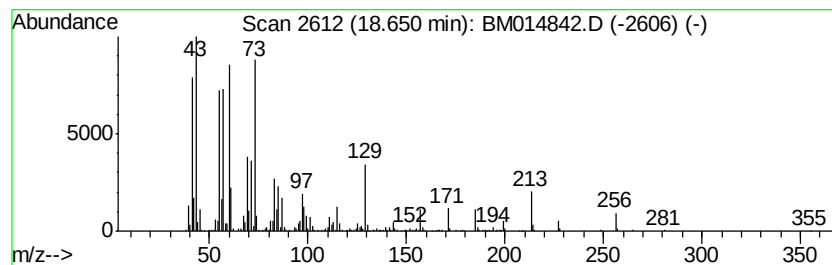
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	5.30 ng/ul	1095420	Phenanthrene-d10	17.82

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	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62	



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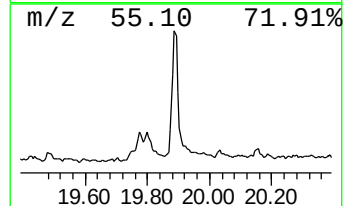
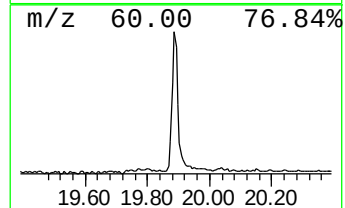
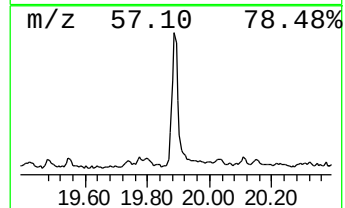
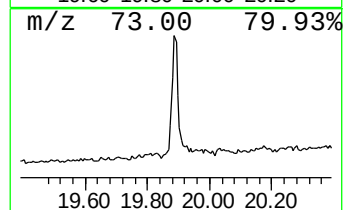
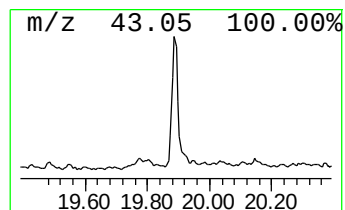
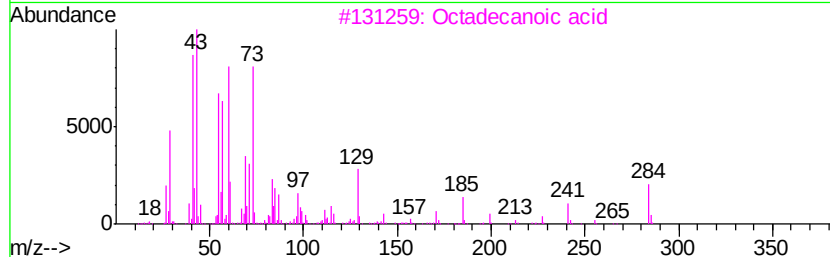
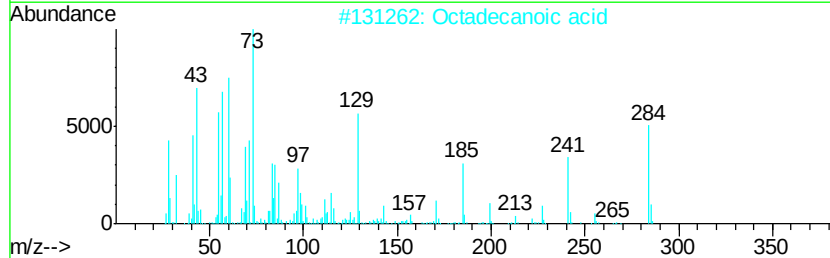
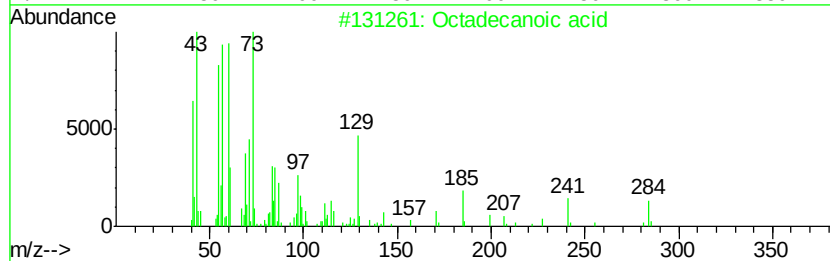
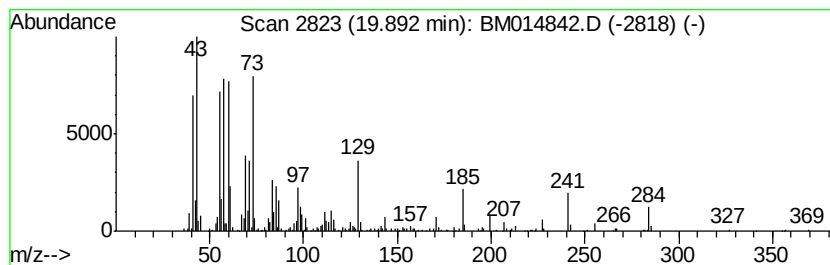
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.89	2.14 ng/ul	571790	Chrysene-d12	21.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90



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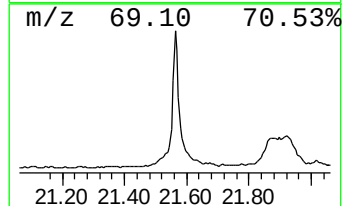
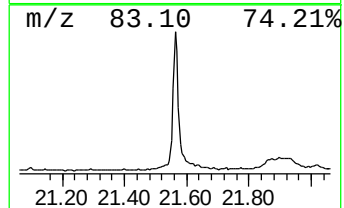
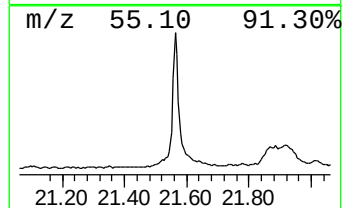
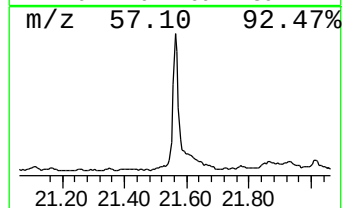
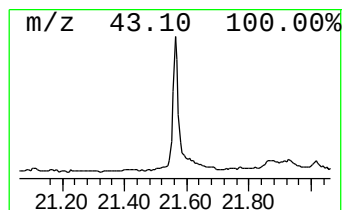
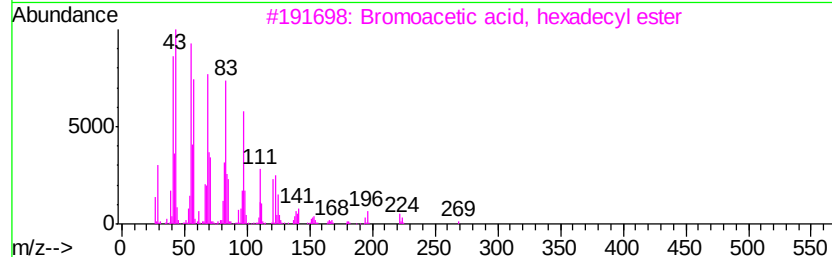
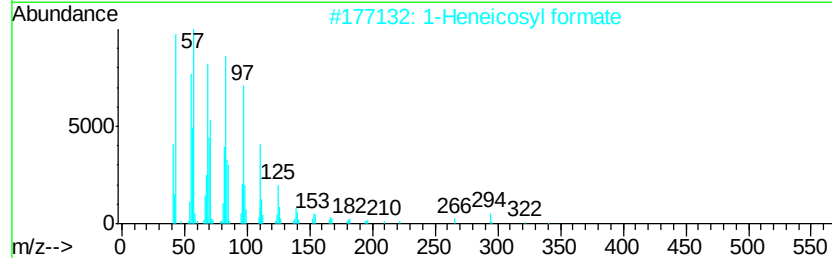
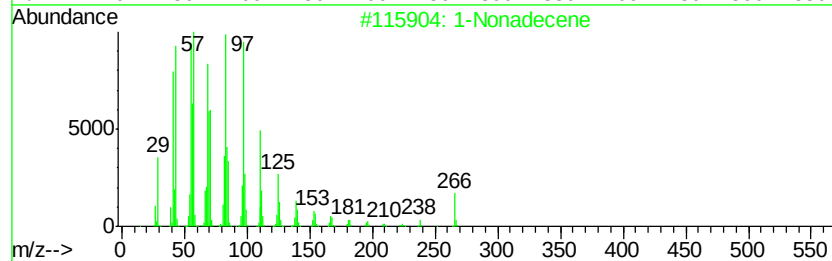
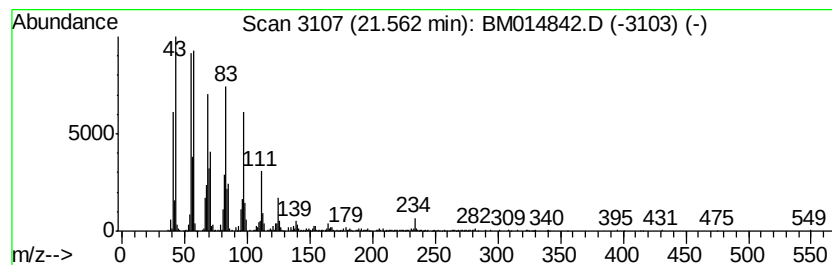
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	5.69 ng/ul	1516340	Chrysene-d12	21.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.35	38.5	ng/ul	3932060	1	8.50	2042630	20.0
n-Hexadecanoic acid	18.65	5.3	ng/ul	1095420	4	17.82	4136460	20.0
Octadecanoic acid	19.89	2.1	ng/ul	571790	5	21.91	5333030	20.0
(DEL) Alkane: Cyc...	21.56	5.7	ng/ul	1516340	5	21.91	5333030	20.0