

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007803.D
 Acq On : 09 Nov 2016 18:43
 Operator : UM/SJ
 Sample : H5554-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N88

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-BM102016.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	2.640	6	9	16	rVB5	36253	79962	1.47%	0.154%
2	2.887	48	51	56	rVB	65313	79933	1.47%	0.154%
3	4.904	389	394	403	rBV	213449	317105	5.85%	0.609%
4	6.922	728	737	756	rVB2	674715	1406112	25.93%	2.702%
5	7.081	758	764	773	rBV	543435	885128	16.32%	1.701%
6	7.281	791	798	809	rVB	717359	1185568	21.86%	2.278%
7	7.740	867	876	886	rBV	670125	1156506	21.33%	2.223%
8	8.445	990	996	1012	rVB	582775	1007819	18.59%	1.937%
9	8.898	1066	1073	1087	rBV	689476	1163684	21.46%	2.236%
10	9.616	1188	1195	1206	rBV	582721	984166	18.15%	1.891%
11	10.151	1279	1286	1301	rBV	806110	1450144	26.74%	2.787%
12	10.522	1342	1349	1358	rBV	893900	1490657	27.49%	2.865%
13	10.669	1366	1374	1397	rBV	547866	1106782	20.41%	2.127%
14	12.063	1602	1611	1617	rBV2	32552	64708	1.19%	0.124%
15	13.792	1898	1905	1909	rBV	1520522	2264560	41.76%	4.352%
16	13.833	1909	1912	1920	rVB	272758	402433	7.42%	0.773%
17	14.069	1945	1952	1965	rVB	1802594	2619808	48.32%	5.035%
18	14.374	1998	2004	2012	rBV	1311902	1923743	35.48%	3.697%
19	14.598	2036	2042	2061	rBV	400764	879656	16.22%	1.691%
20	15.221	2144	2148	2154	rVB	52217	66873	1.23%	0.129%
21	15.374	2167	2174	2181	rBV	2262692	3379007	62.32%	6.494%
22	15.504	2191	2196	2211	rBV	588227	928080	17.12%	1.784%
23	15.616	2211	2215	2221	rVB5	35832	67737	1.25%	0.130%
24	16.086	2290	2295	2298	rBV	74743	105250	1.94%	0.202%
25	16.880	2422	2430	2433	rBV	69003	96689	1.78%	0.186%
26	17.021	2448	2454	2460	rBV2	98198	150163	2.77%	0.289%
27	17.121	2466	2471	2476	rBV	1573951	2236343	41.24%	4.298%
28	17.162	2476	2478	2483	rVV	123833	152804	2.82%	0.294%
29	17.221	2483	2488	2499	rVB	2560120	3621252	66.78%	6.959%
30	17.898	2595	2603	2609	rBV2	76034	135518	2.50%	0.260%
31	18.015	2618	2623	2628	rBV	290897	418854	7.72%	0.805%
32	19.186	2817	2822	2829	rVB	336697	517674	9.55%	0.995%
33	19.298	2837	2841	2851	rBV4	102485	188205	3.47%	0.362%
34	19.521	2872	2879	2892	rBV	3552974	5235409	96.55%	10.061%

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35	21.015	3129	3133	3143	rBV2	424326	654447	12.07%	1.258%
36	21.309	3177	3183	3187	rBV	2508303	3331179	61.43%	6.402%
37	22.856	3442	3446	3449	rBV	246872	369402	6.81%	0.710%
38	22.909	3452	3455	3466	rVB	474554	931858	17.19%	1.791%
39	23.421	3536	3542	3557	rVB2	2831512	5422313	100.00%	10.420%
40	23.562	3560	3566	3574	rVV	1561399	2973676	54.84%	5.715%
41	24.062	3647	3651	3660	rVB	329309	583987	10.77%	1.122%

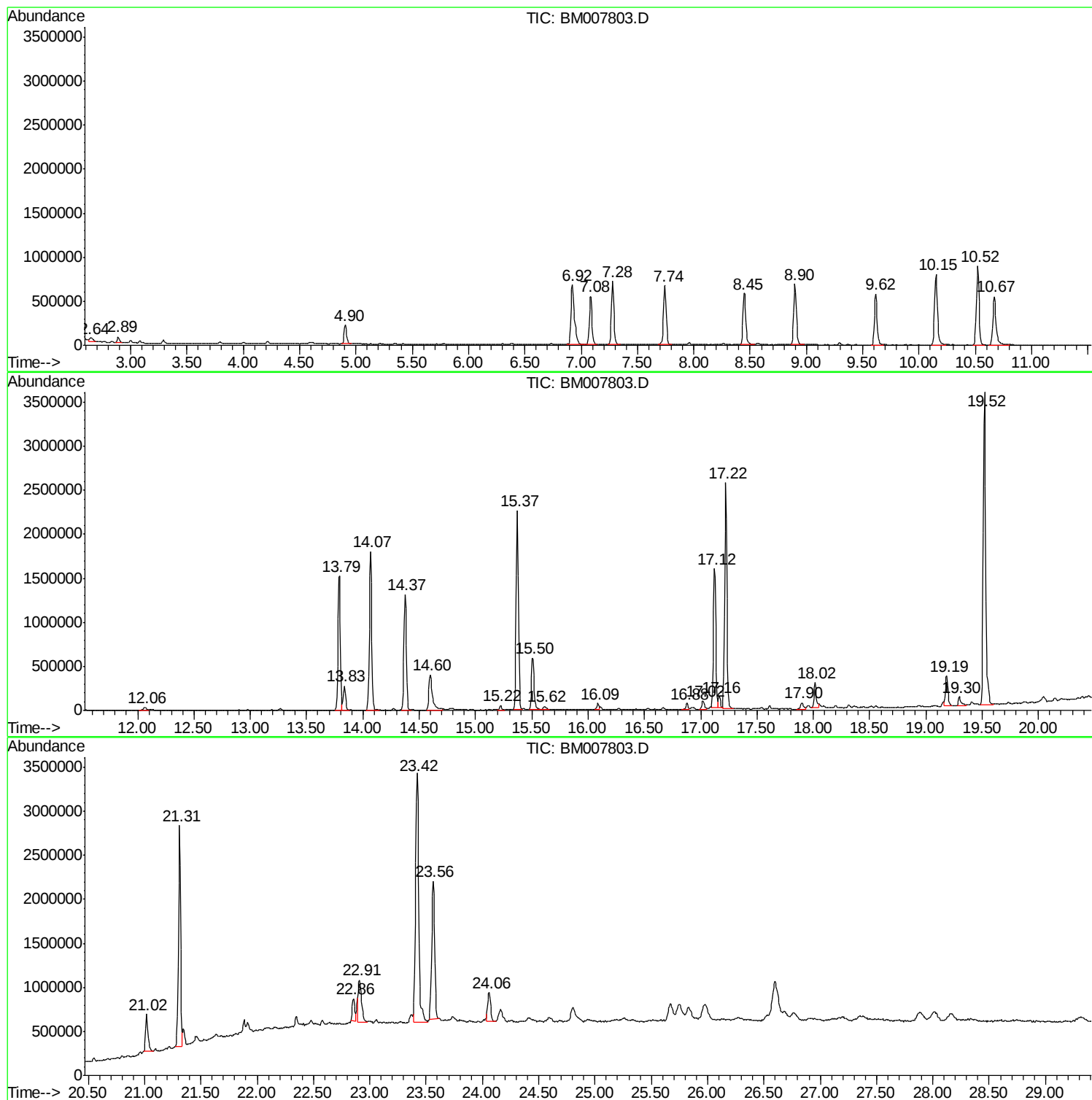
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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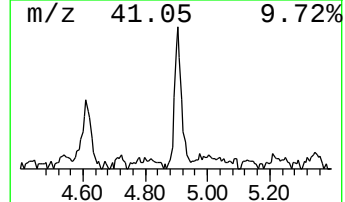
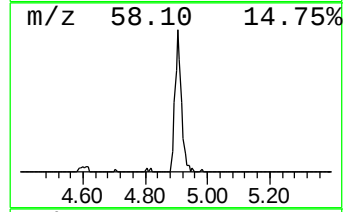
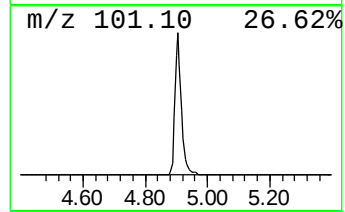
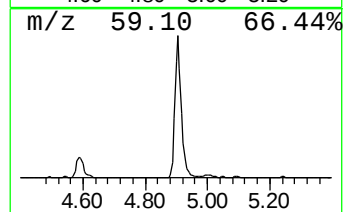
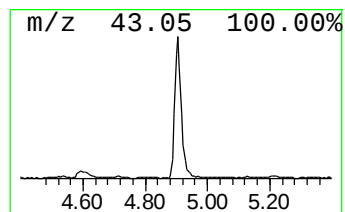
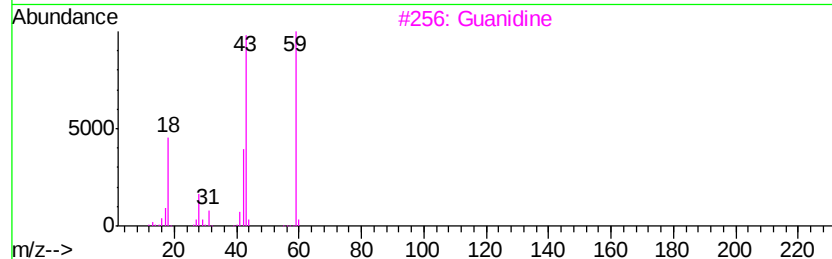
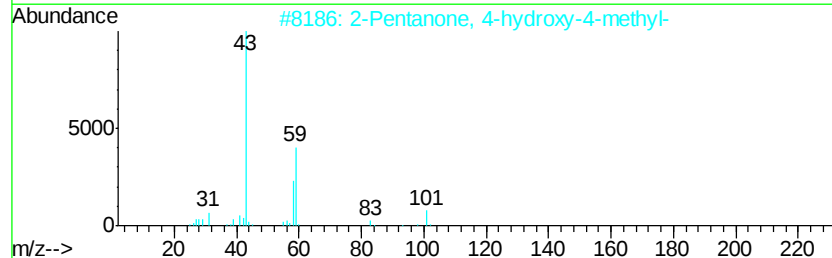
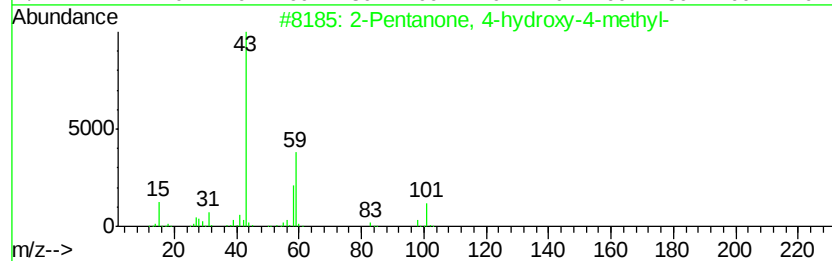
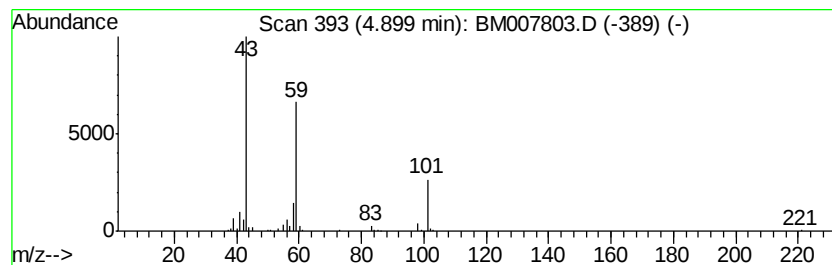
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	5.48 ng/ul	317105	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		Guanidine	59	CH5N3	000113-00-8	43
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32



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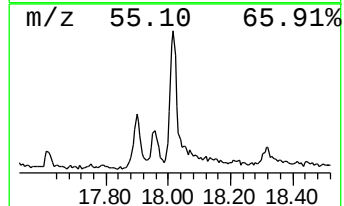
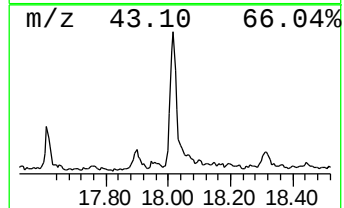
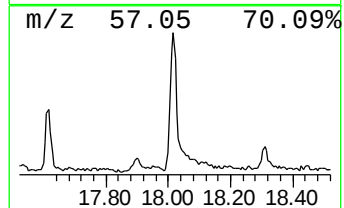
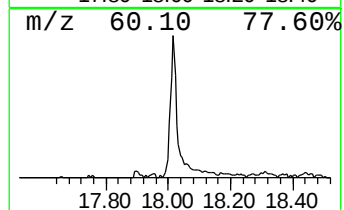
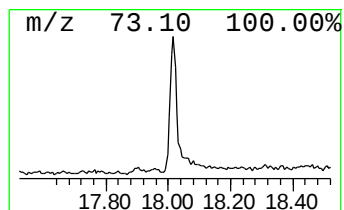
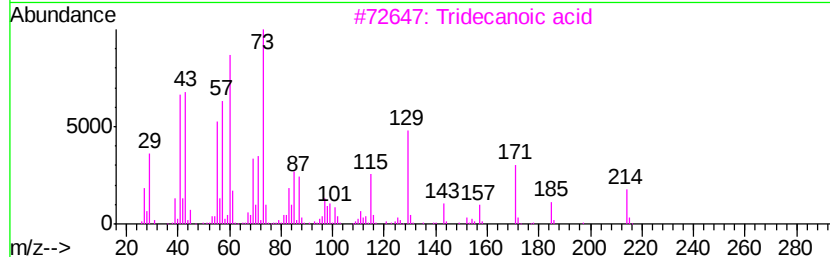
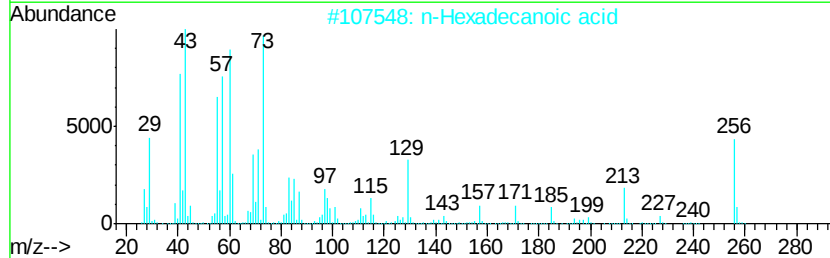
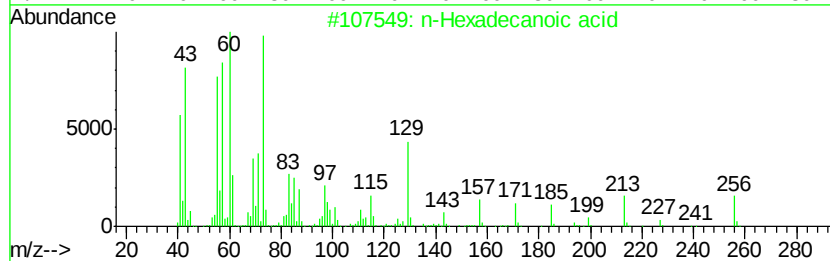
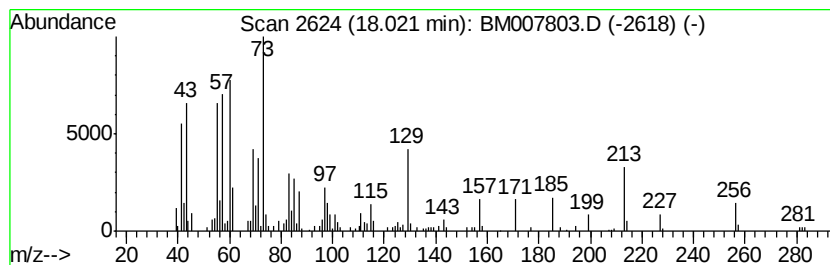
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.75 ng/ul	418854	Phenanthrene-d10	17.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87	



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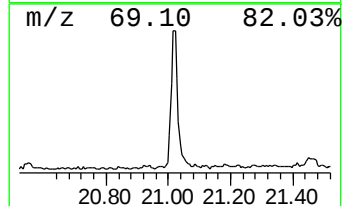
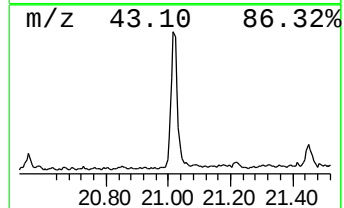
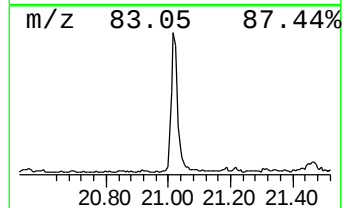
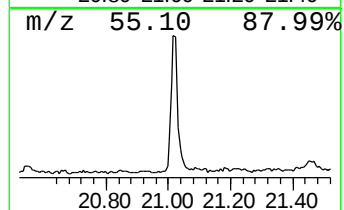
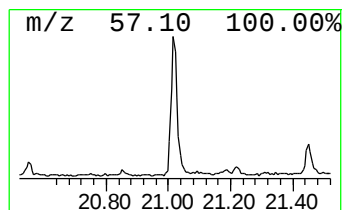
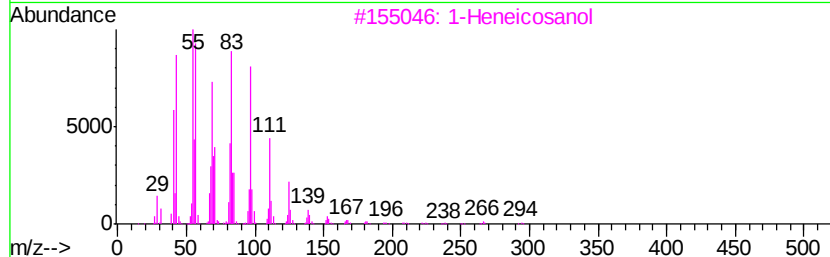
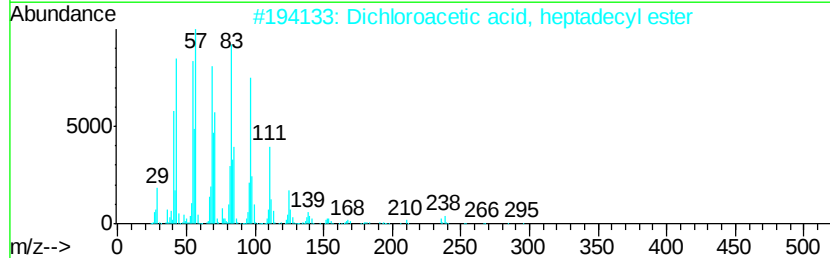
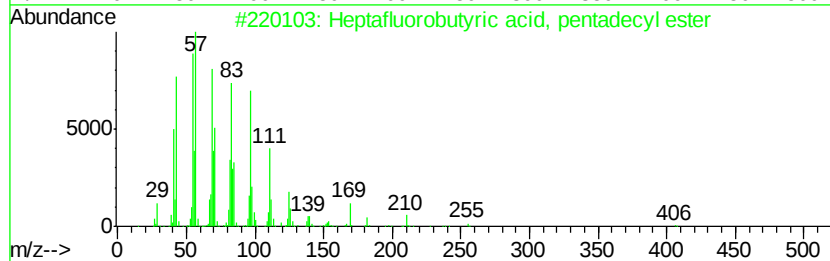
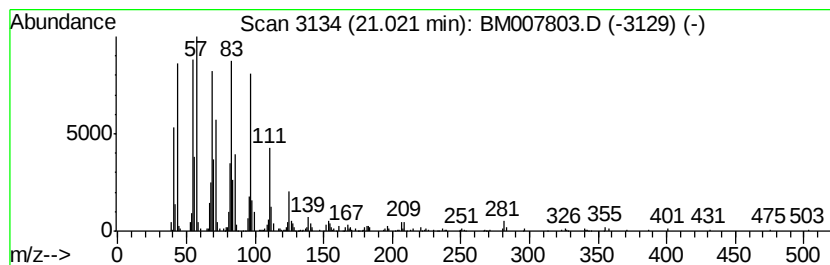
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Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.93 ng/ul	654447	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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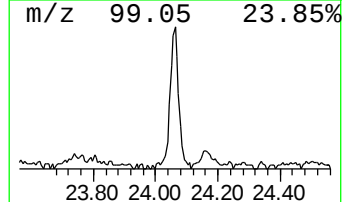
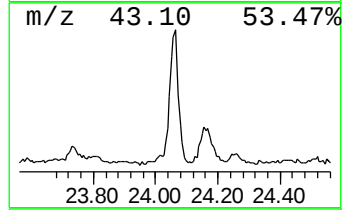
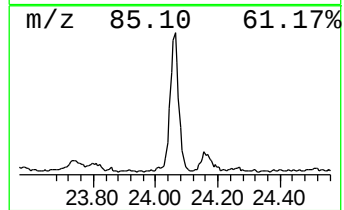
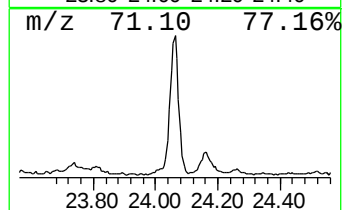
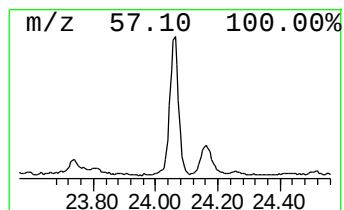
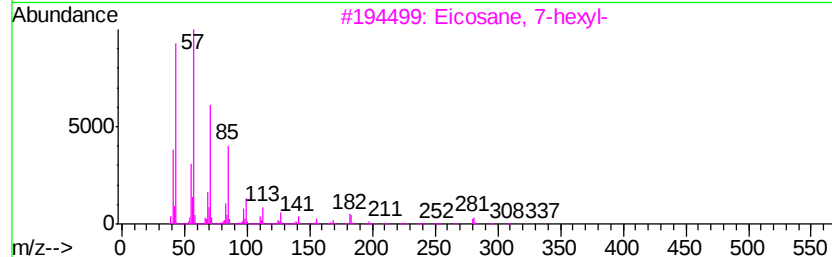
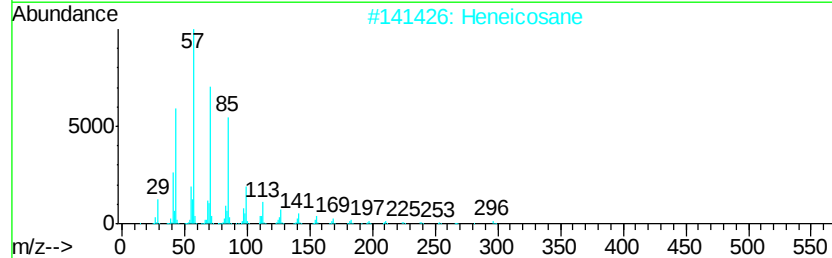
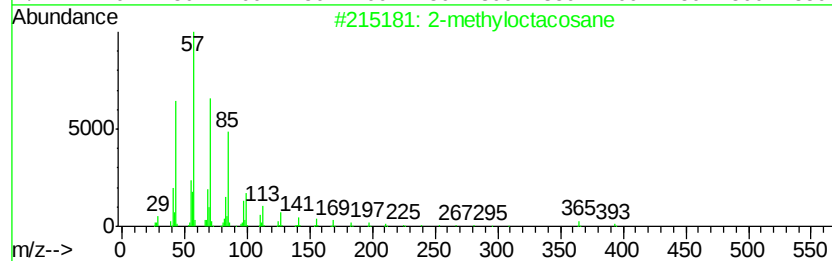
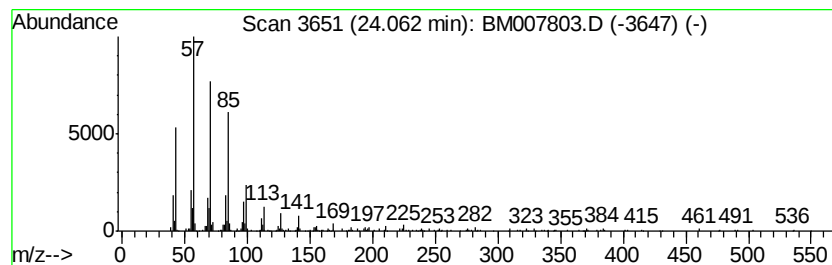
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.93 ng/ul	583987	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5		Heptadecane	240	C17H36	000629-78-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	5.5	ng/ul	317105	1	7.75	1156510	20.0
n-Hexadecanoic acid	18.02	3.8	ng/ul	418854	4	17.12	2236340	20.0
Heptafluorobutyri...	21.02	3.9	ng/ul	654447	5	21.31	3331180	20.0
(DEL) Alkane: Str...	24.06	3.9	ng/ul	583987	6	23.56	2973680	20.0