

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135203.D
 Acq On : 13 Sep 2023 03:25
 Operator : CG\JU
 Sample : 04299-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	489	493	504	rVB	672951	794842	19.49%	3.590%
2	5.393	558	562	574	rBV	1592440	1423530	34.91%	6.430%
3	6.398	729	733	746	rBV	1298613	1097102	26.90%	4.956%
4	6.763	791	795	798	rBV	875526	736022	18.05%	3.325%
5	7.328	885	891	894	rBV	2174104	2395732	58.75%	10.822%
6	8.039	1008	1012	1022	rBV	1190396	984451	24.14%	4.447%
7	9.122	1190	1196	1199	rBV	4051417	4077827	100.00%	18.420%
8	9.798	1307	1311	1314	rBV	1308455	1083169	26.56%	4.893%
9	9.828	1314	1316	1320	rVB	54705	43014	1.05%	0.194%
10	10.592	1441	1446	1449	rBV	2008301	1893022	46.42%	8.551%
11	11.286	1560	1564	1567	rBV	1224054	1140946	27.98%	5.154%
12	11.827	1652	1656	1666	rBV	696399	745066	18.27%	3.366%
13	11.904	1666	1669	1671	rVV	48338	42457	1.04%	0.192%
14	12.504	1767	1771	1774	rBV	49202	51597	1.27%	0.233%
15	12.616	1785	1790	1801	rBV	228226	261923	6.42%	1.183%
16	12.733	1807	1810	1813	rVB	69254	59482	1.46%	0.269%
17	12.892	1832	1837	1840	rBV	3621242	3625037	88.90%	16.375%
18	13.821	1991	1995	2008	rVB3	124370	252285	6.19%	1.140%
19	13.939	2011	2015	2019	rBV	681666	687740	16.87%	3.107%
20	14.533	2113	2116	2121	rVB2	37812	42530	1.04%	0.192%
21	14.804	2158	2162	2166	rBV	49461	53666	1.32%	0.242%
22	15.404	2259	2264	2270	rBV	502799	646034	15.84%	2.918%

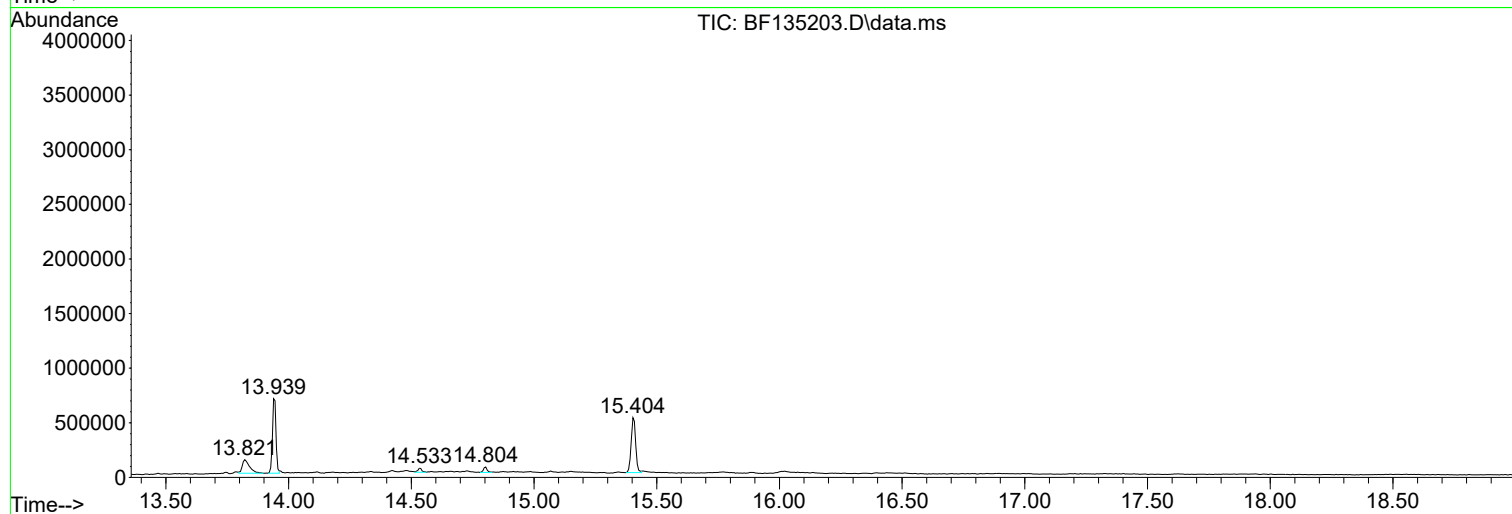
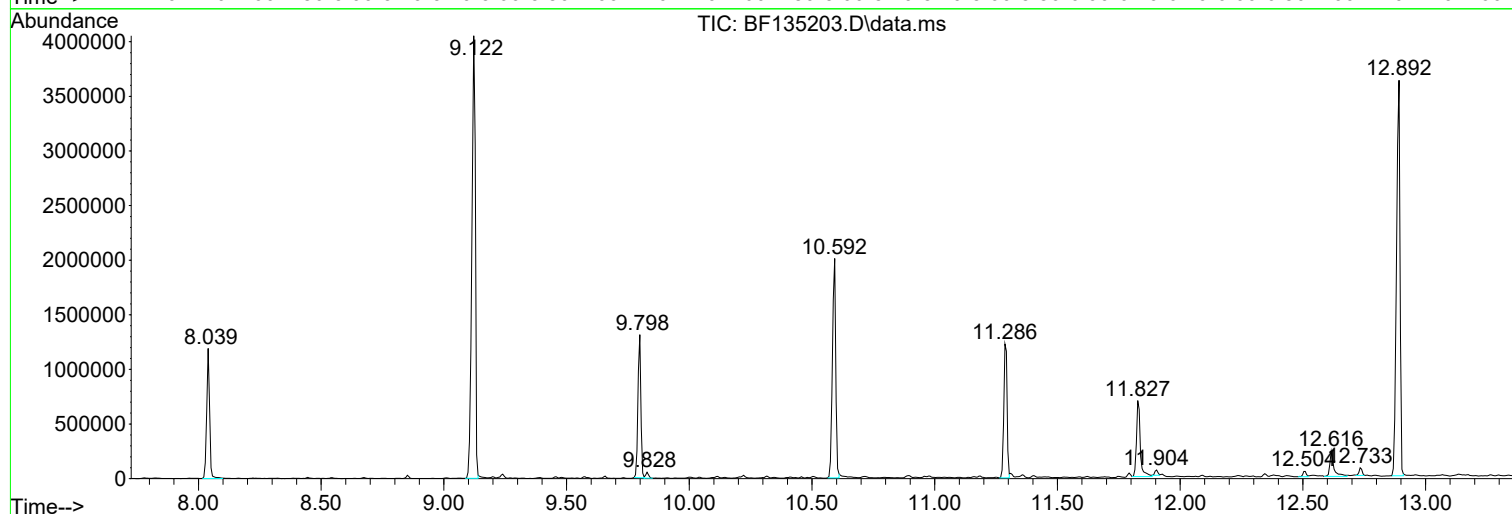
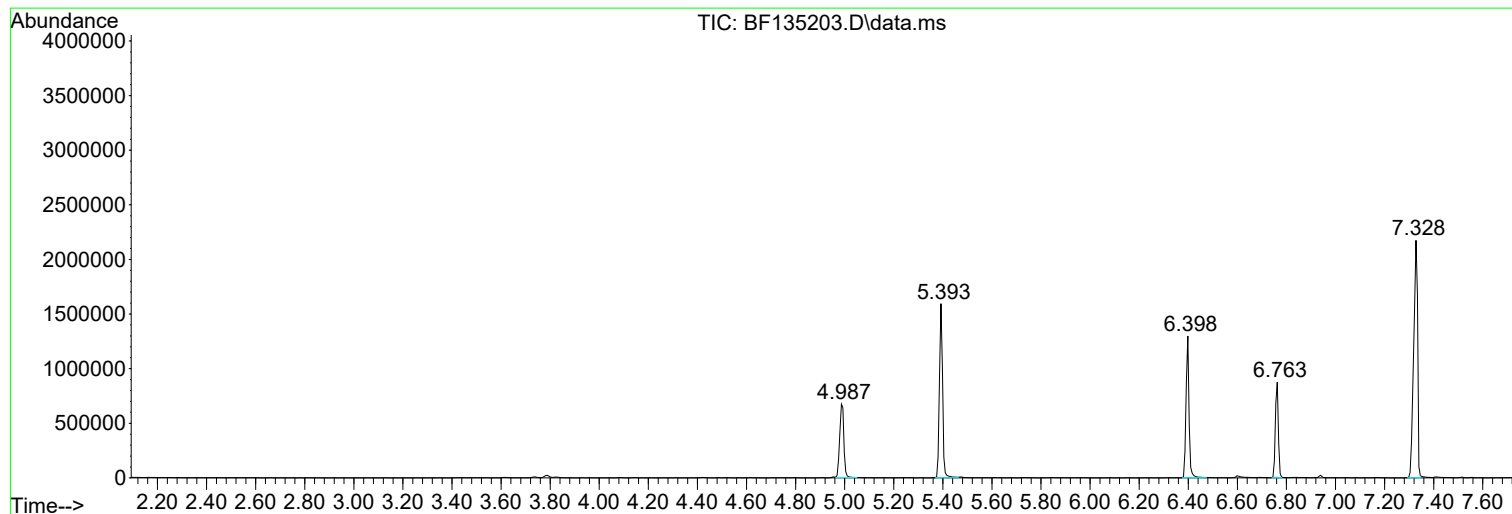
Sum of corrected areas: 22137474

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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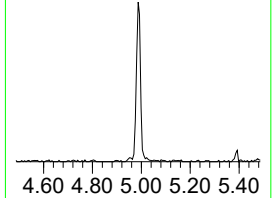
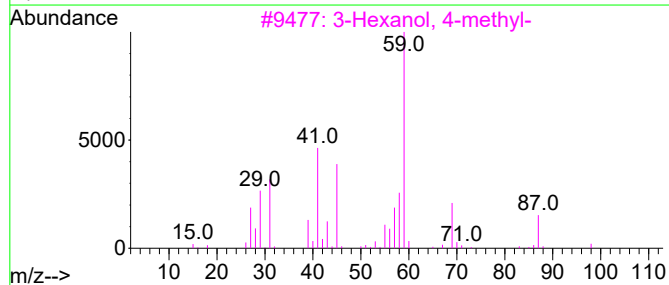
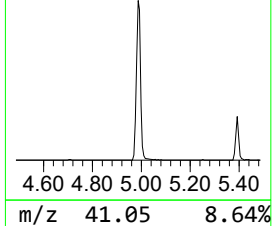
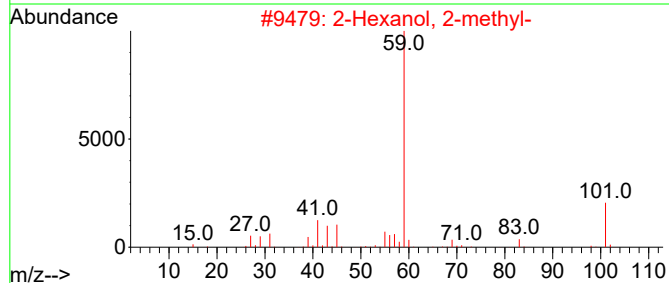
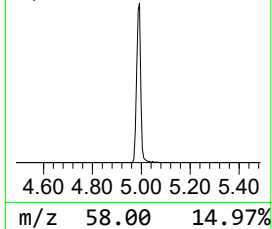
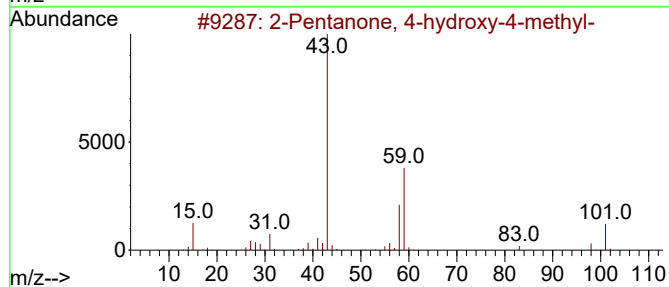
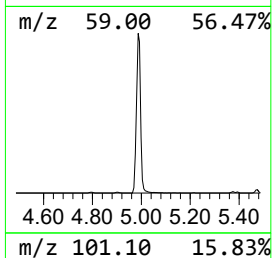
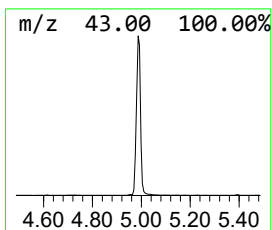
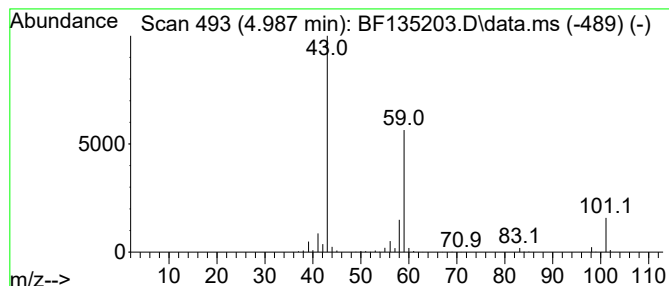
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	21.60 ng	794842	1,4-Dichlorobenzene-d4	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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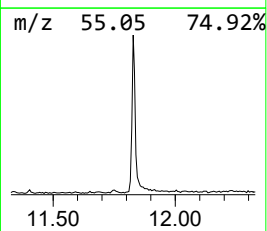
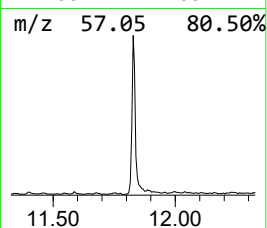
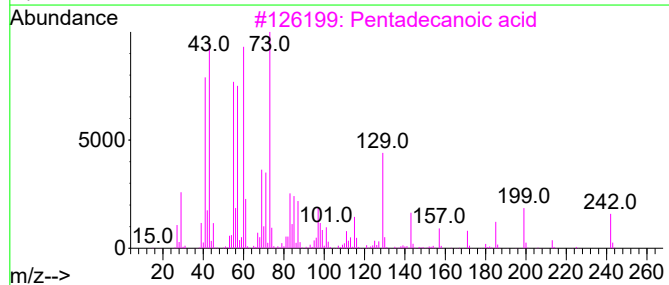
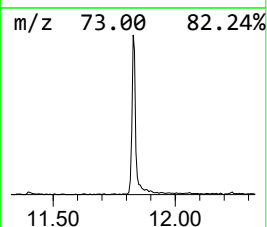
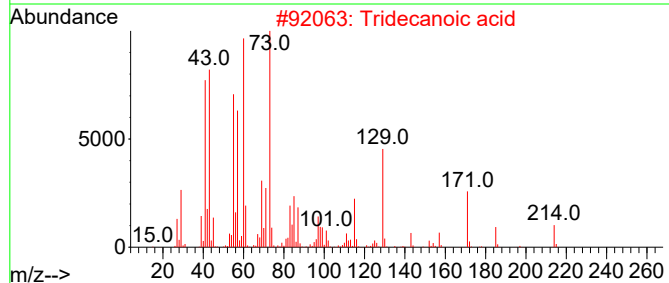
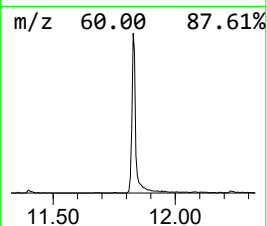
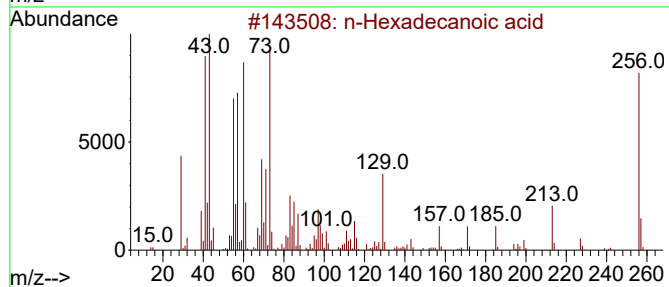
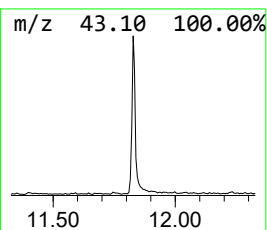
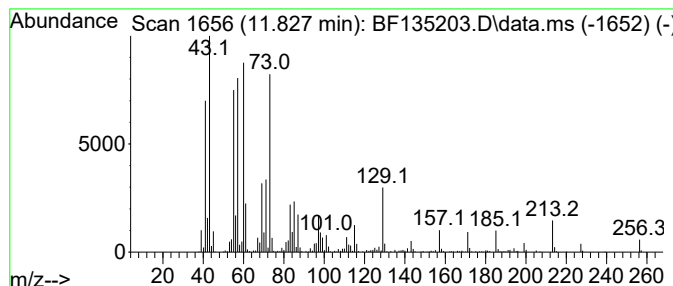
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	13.06 ng	745066	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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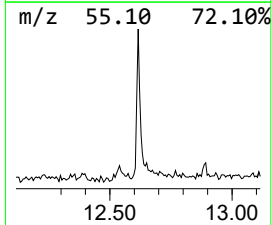
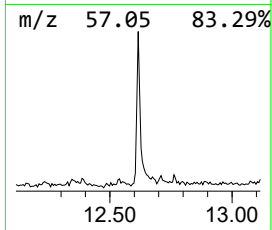
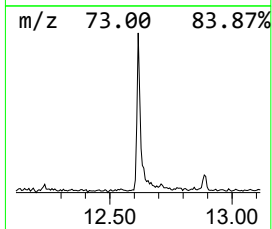
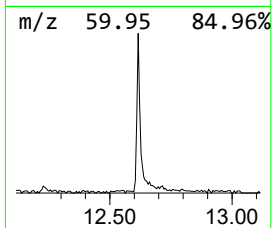
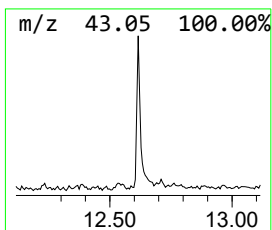
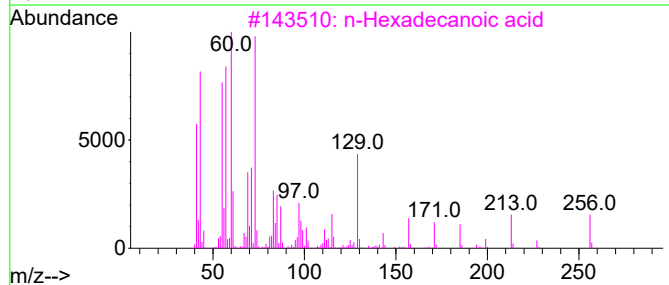
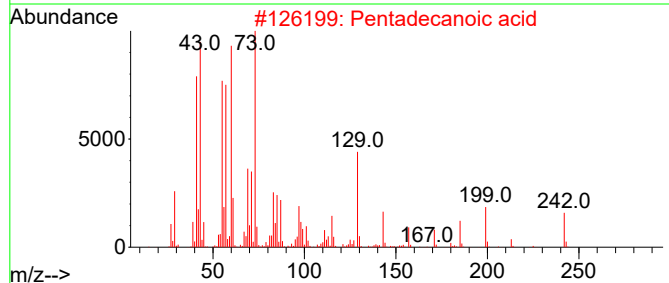
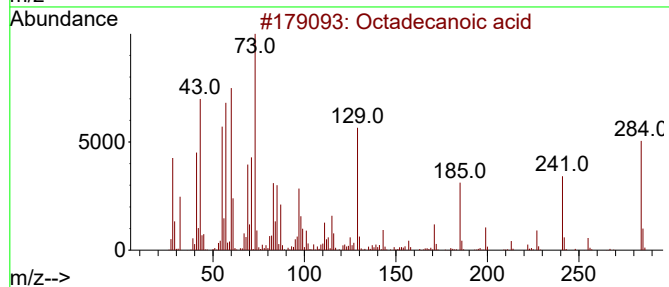
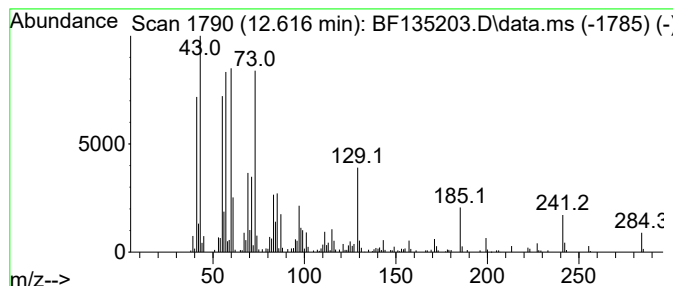
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	7.62 ng	261923	Chrysene-d12	13.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



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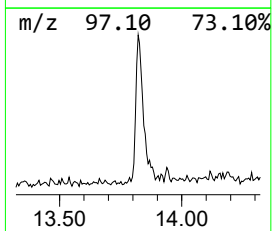
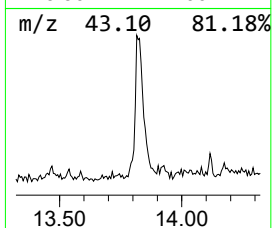
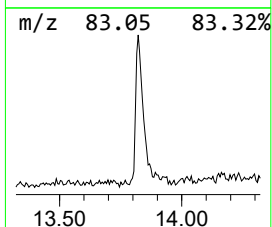
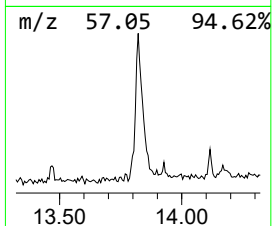
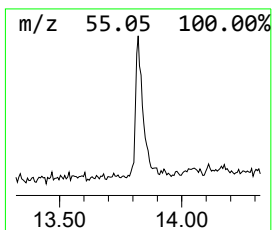
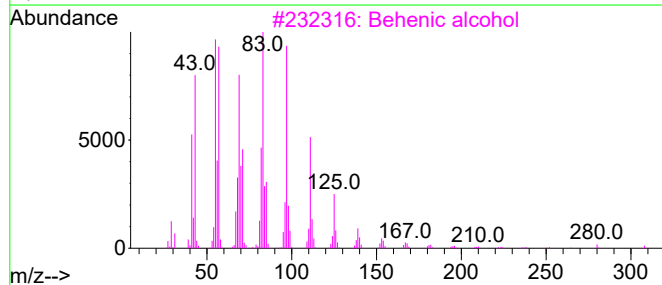
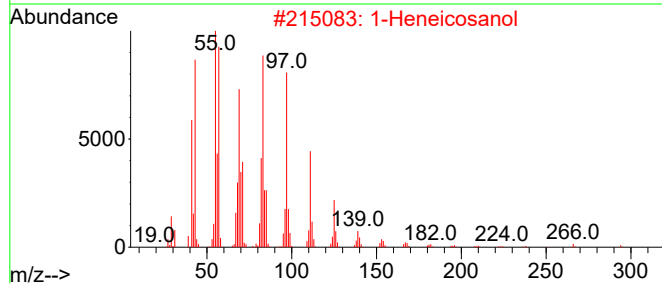
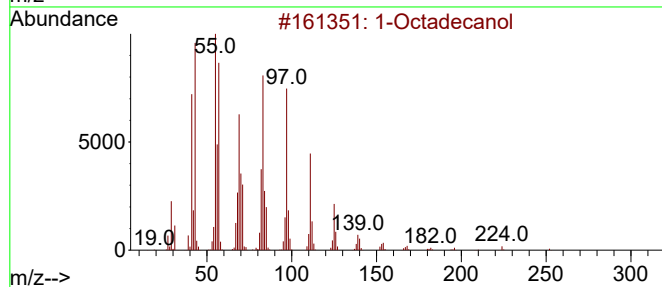
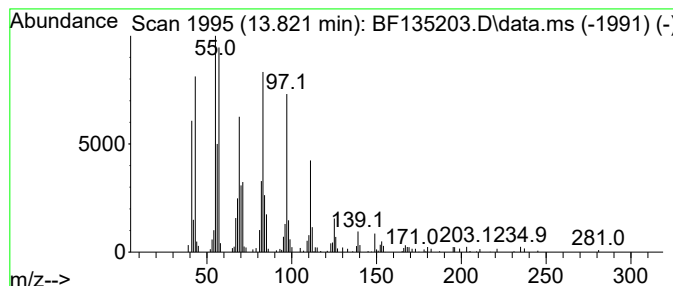
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Peak Number 4 1-Octadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	7.34 ng	252285	Chrysene-d12	13.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanol	270	C18H38O	000112-92-5	91
2			1-Heneicosanol	312	C21H44O	015594-90-8	87
3			Behenic alcohol	326	C22H46O	000661-19-8	87
4			1-Octadecanol, methyl ether	284	C19H40O	1000406-29-3	87
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.987	21.6	ng	794842	1	6.763	736022	20.0
n-Hexadecanoic ...	11.827	13.1	ng	745066	4	11.286	1140950	20.0
Octadecanoic acid	12.616	7.6	ng	261923	5	13.945	687740	20.0
1-Octadecanol	13.821	7.3	ng	252285	5	13.945	687740	20.0