

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039191.D
 Acq On : 28 Mar 2023 22:13
 Operator : CG/JU
 Sample : 02105-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL2-0327

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_M\Methods\8270-BM030823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	290	296	305	rVB	1562175	2114565	34.26%	4.358%
2	5.493	369	375	390	rVB	3537871	5088588	82.45%	10.488%
3	7.104	641	649	665	rBV	3328998	5121202	82.98%	10.555%
4	7.934	783	790	797	rBV	1058023	1614746	26.16%	3.328%
5	9.104	981	989	1002	rBV	1948129	3210232	52.02%	6.617%
6	10.745	1260	1268	1281	rBV	1268810	2137737	34.64%	4.406%
7	13.204	1679	1686	1699	rBV	3817287	5556673	90.04%	11.453%
8	14.580	1912	1920	1929	rBV	1568555	2332209	37.79%	4.807%
9	15.933	2141	2150	2156	rBV	106486	167145	2.71%	0.345%
10	16.069	2166	2173	2187	rBV	2838674	4074733	66.02%	8.398%
11	17.321	2380	2386	2391	rBV	1699836	2355052	38.16%	4.854%
12	17.363	2391	2393	2398	rVB	68010	92104	1.49%	0.190%
13	18.221	2534	2539	2555	rBV	669091	1176356	19.06%	2.425%
14	18.645	2607	2611	2616	rBV	144606	174077	2.82%	0.359%
15	19.380	2733	2736	2742	rVB	166618	219055	3.55%	0.451%
16	19.498	2752	2756	2767	rBV	338602	613242	9.94%	1.264%
17	19.745	2795	2798	2807	rVB2	134817	242013	3.92%	0.499%
18	19.945	2827	2832	2839	rBV	5180488	6171619	100.00%	12.720%
19	21.209	3044	3047	3051	rBV	462851	507043	8.22%	1.045%
20	21.503	3093	3097	3102	rVB	2159709	2635242	42.70%	5.432%
21	23.927	3504	3509	3518	rVB2	1460456	2913814	47.21%	6.006%

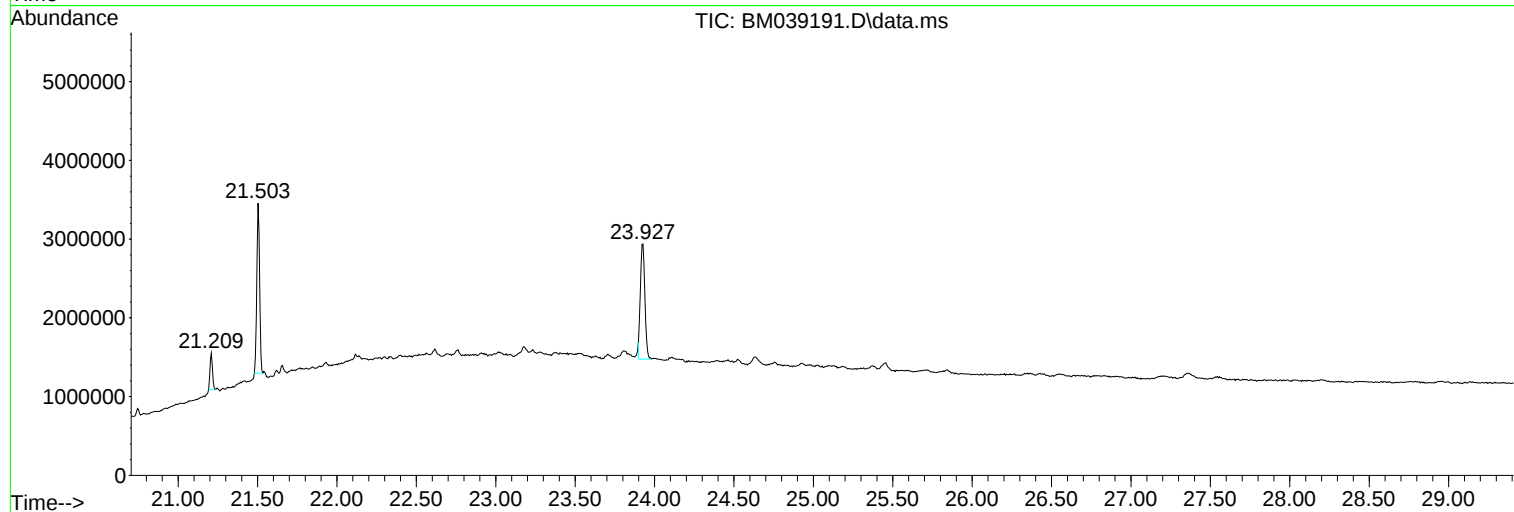
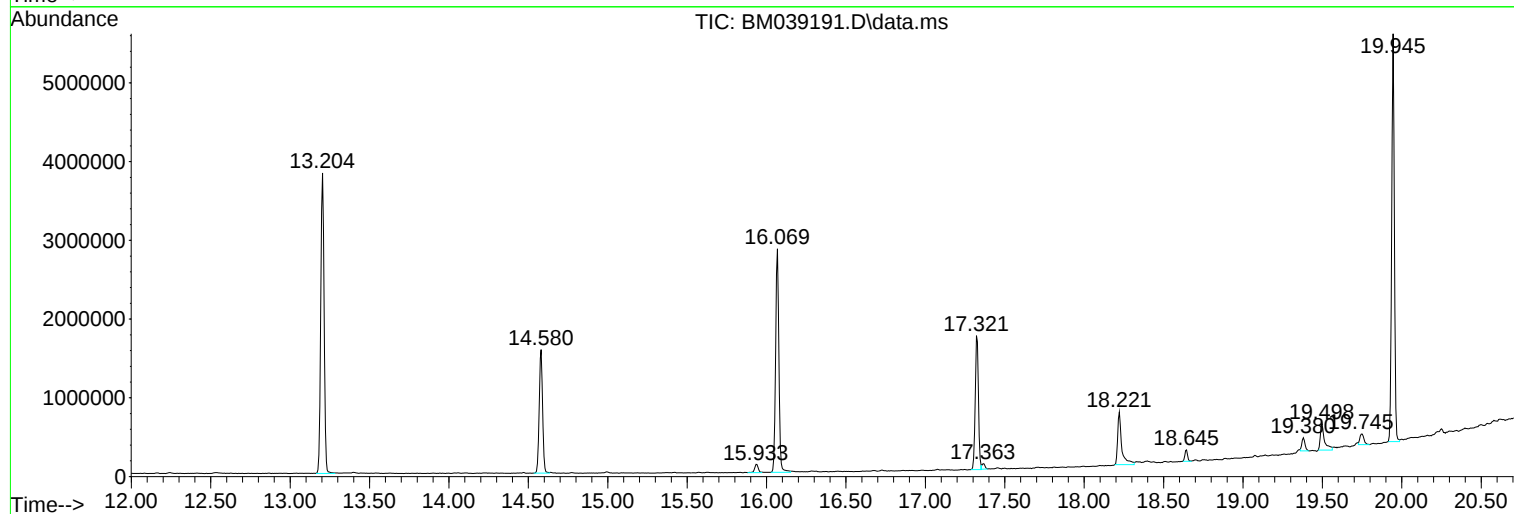
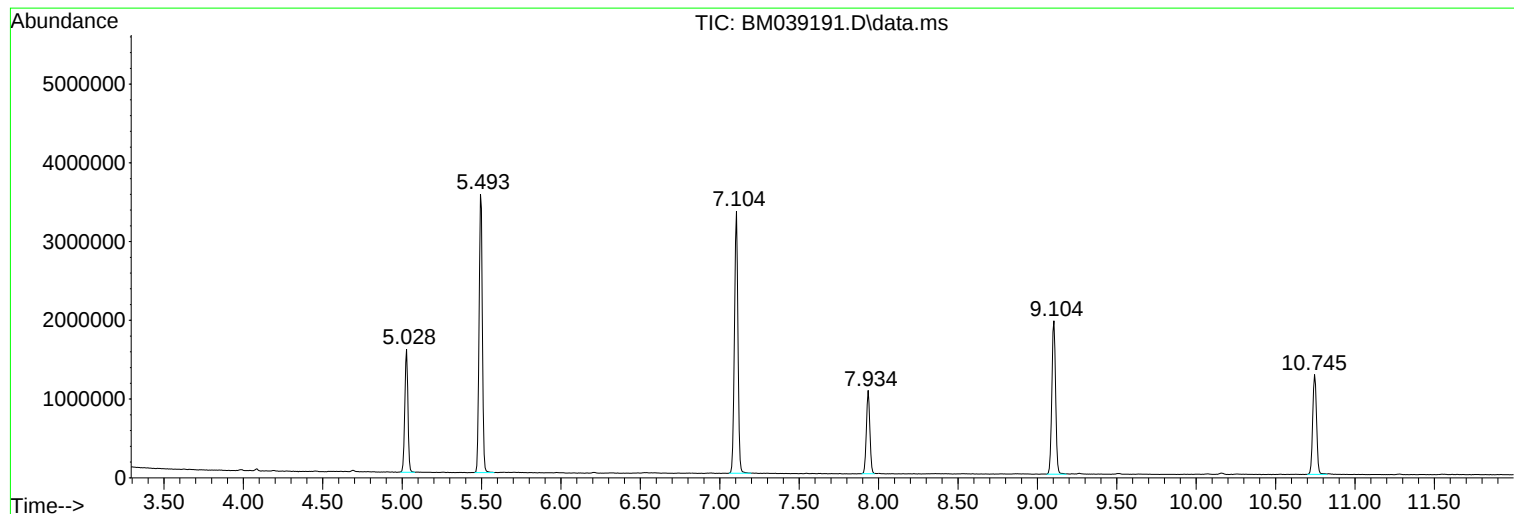
Sum of corrected areas: 48517447

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



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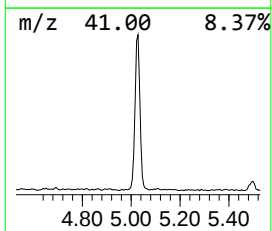
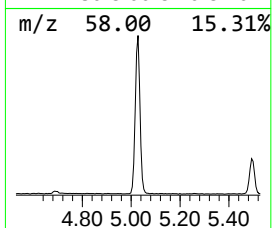
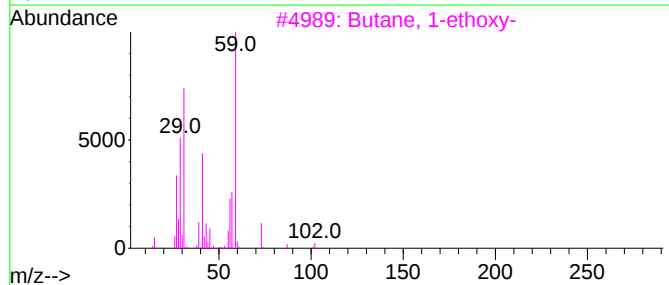
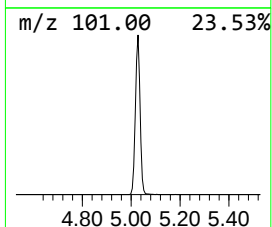
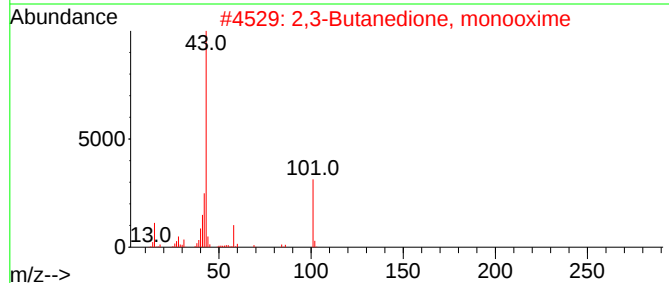
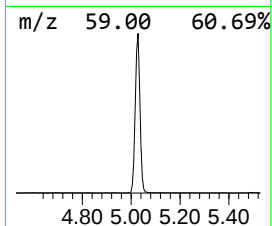
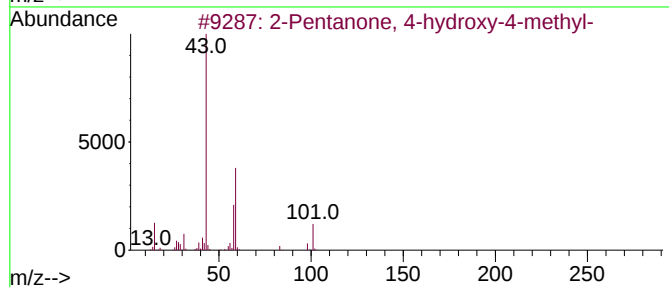
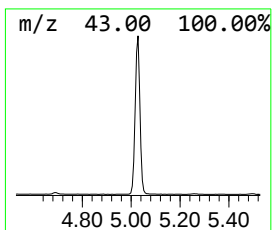
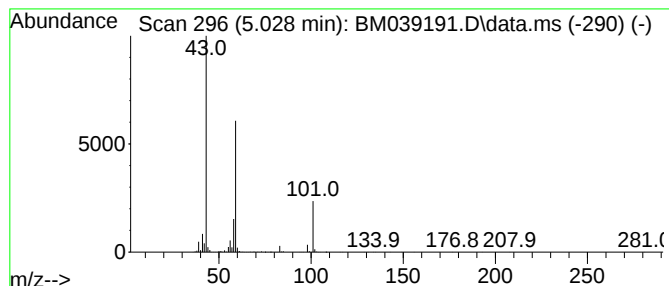
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.028	26.19 ng	2114570	1,4-Dichlorobenzene-d4	7.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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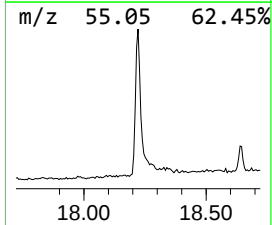
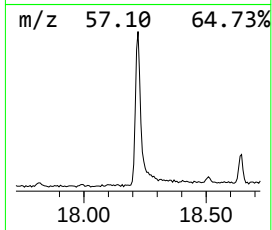
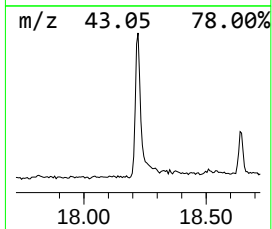
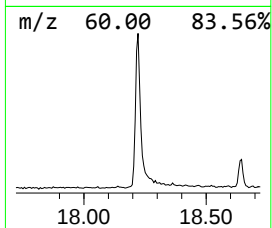
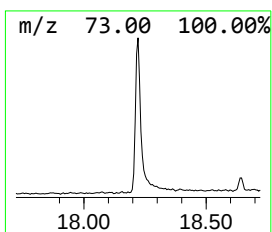
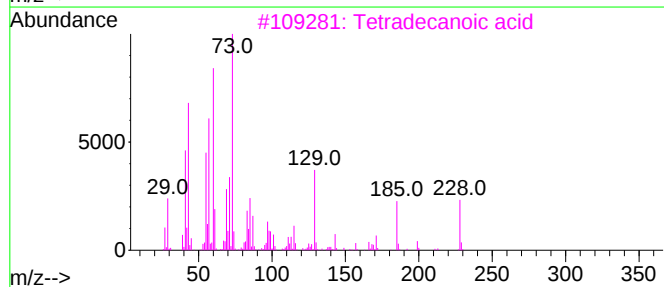
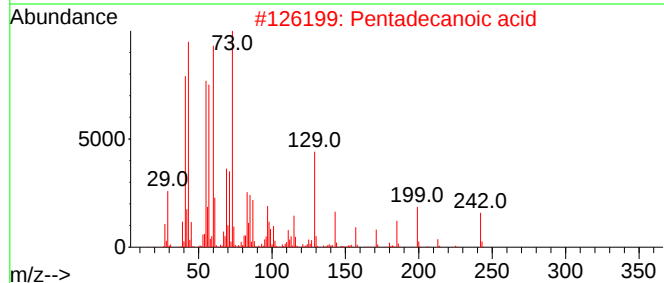
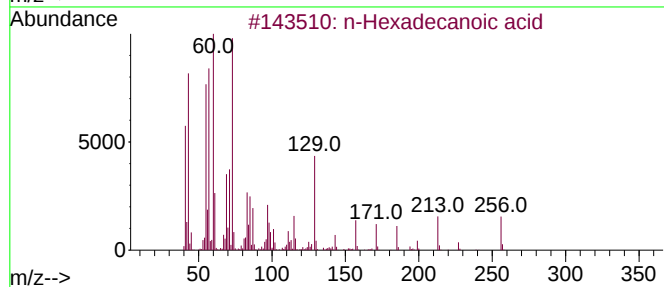
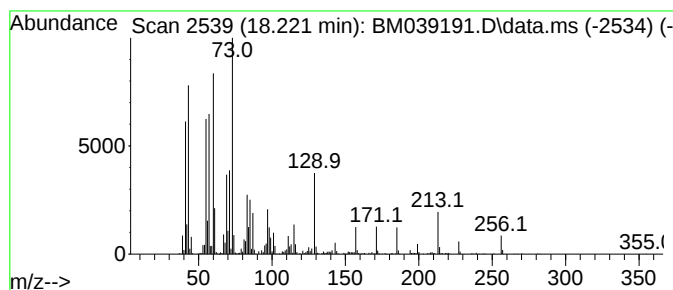
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	9.99 ng	1176360	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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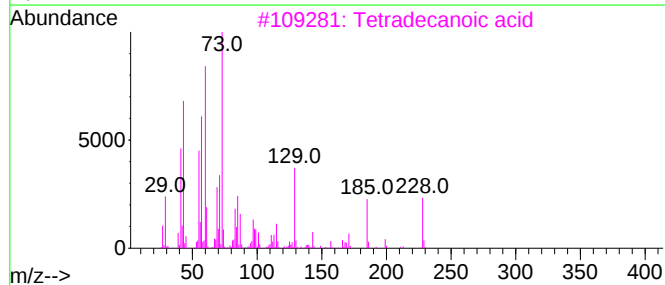
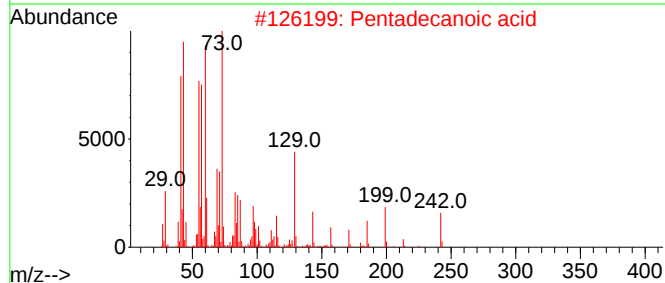
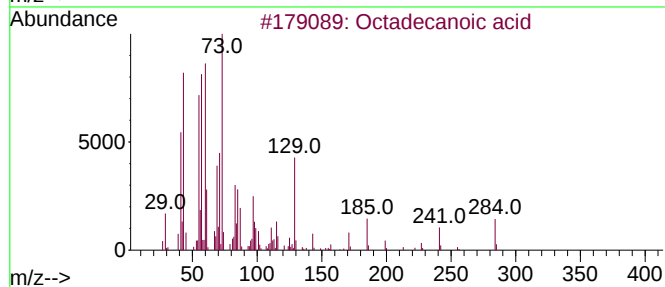
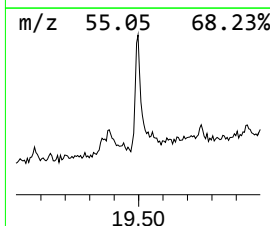
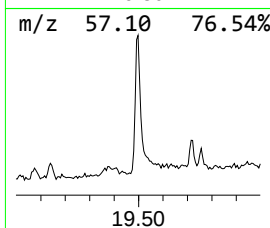
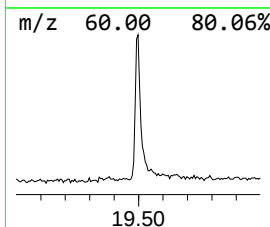
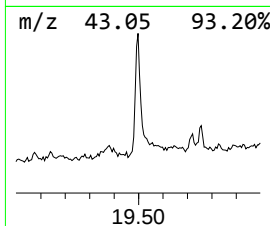
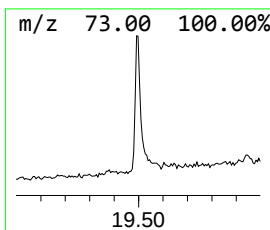
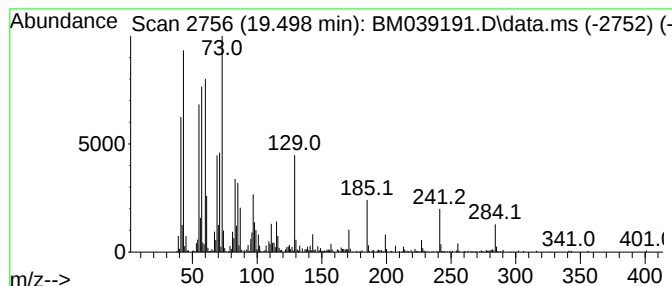
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.498	4.65 ng	613242	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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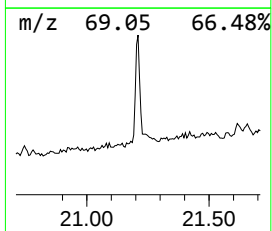
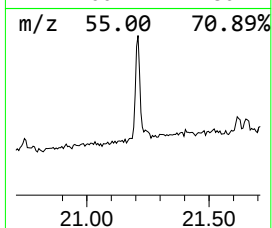
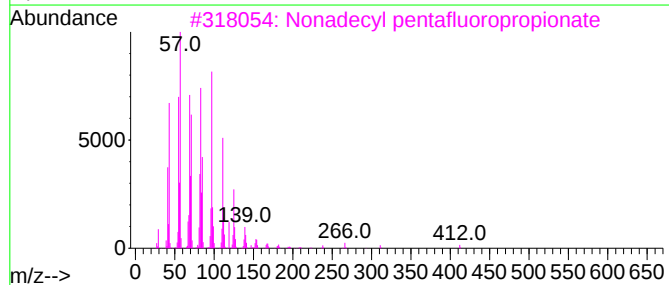
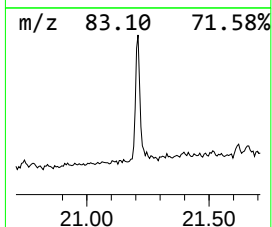
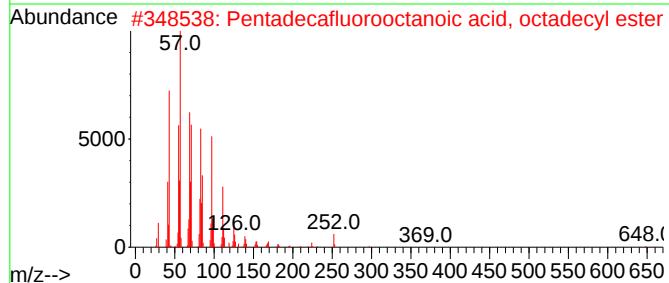
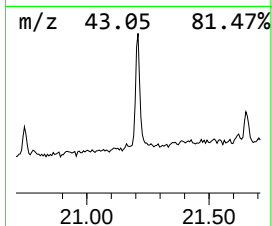
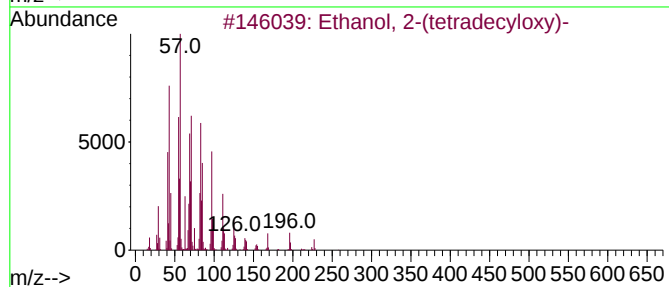
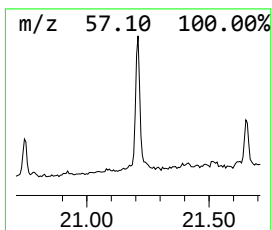
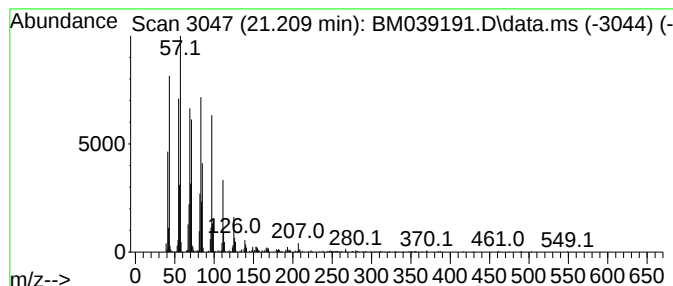
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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	3.85 ng	507043	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			1-Hexacosene	364	C26H52	018835-33-1	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.028	26.2	ng	2114570	1	7.934	1614750	20.0
n-Hexadecanoic ...	18.221	10.0	ng	1176360	4	17.321	2355050	20.0
Octadecanoic acid	19.498	4.7	ng	613242	5	21.503	2635240	20.0
Ethanol, 2-(tet...	21.209	3.9	ng	507043	5	21.503	2635240	20.0