LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138164.D
Acq On : 07 Jun 2024 17:05
Operator : CG\JU
Sample : P2704-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

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-BF060524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	17	24	29	rBV	4267186	5300915	62.26%	8.936%
2	3.434	225	229	238	rBV	132125	231780	2.72%	0.391%
3	5.528	579	585	588	rBV	6903325	6621471	77.77%	11.162%
4	6.528	749	755	758	rBV	6650864	6826208	80.18%	11.507%
5	6.904	815	819	822	rBV	2968614	2202239	25.87%	3.712%
6	7.463	909	914	917	rBV	4253671	4363166	51.25%	7.355%
7	7.716	953	957	960	rBV	233112	166304	1.95%	0.280%
8	8.086	1017	1020	1027	rBV	107420	115599	1.36%	0.195%
9	8.186	1033	1037	1040	rBV	3772789	2927349	34.38%	4.935%
10	8.492	1086	1089	1099	rVB	258643	247120	2.90%	0.417%
11	9.263	1215	1220	1223	rBV	9714320	8514108	100.00%	14.352%
12	9.939	1331	1335	1338	rBV	4380278	3437024	40.37%	5.794%
13	10.033	1345	1351	1356	rBV	141416	192425	2.26%	0.324%
14	10.245	1381	1387	1401	rBV	99695	280420	3.29%	0.473%
15	10.727	1464	1469	1472	rBV	5648529	4941755	58.04%	8.330%
16	11.421	1584	1587	1591	rBV	3255705	2994066	35.17%	5.047%
17	11.951	1673	1677	1682	rBV	329656	314387	3.69%	0.530%
18	12.639	1790	1794	1799	rBV	112996	102964	1.21%	0.174%
19	12.733	1806	1810	1818	rBV2	99925	125454	1.47%	0.211%
20	13.010	1853	1857	1860	rBV	7228731	6149959	72.23%	10.367%
21	13.492	1936	1939	1947	rBV	272926	295611	3.47%	0.498%
22	13.933	2009	2014	2021	rBV4	92924	230984	2.71%	0.389%
23	14.063	2032	2036	2039	rBV	1796414	1581427	18.57%	2.666%
24	15.539	2283	2287	2294	rBV	882617	1160595	13.63%	1.956%

Sum of corrected areas: 59323330

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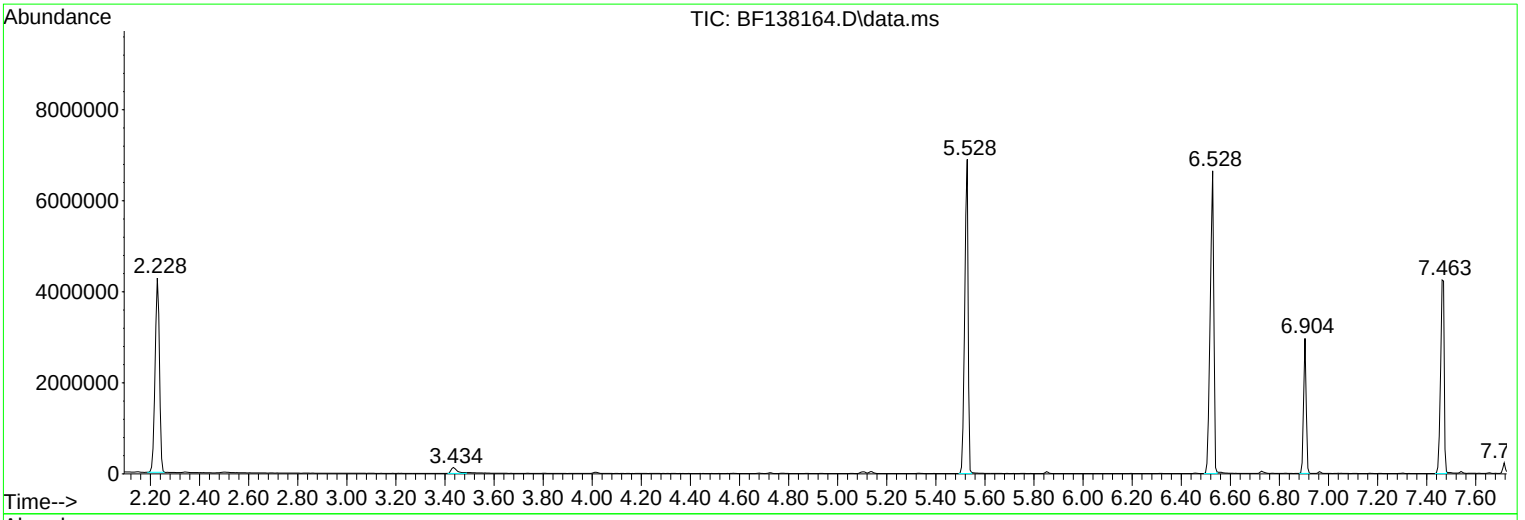
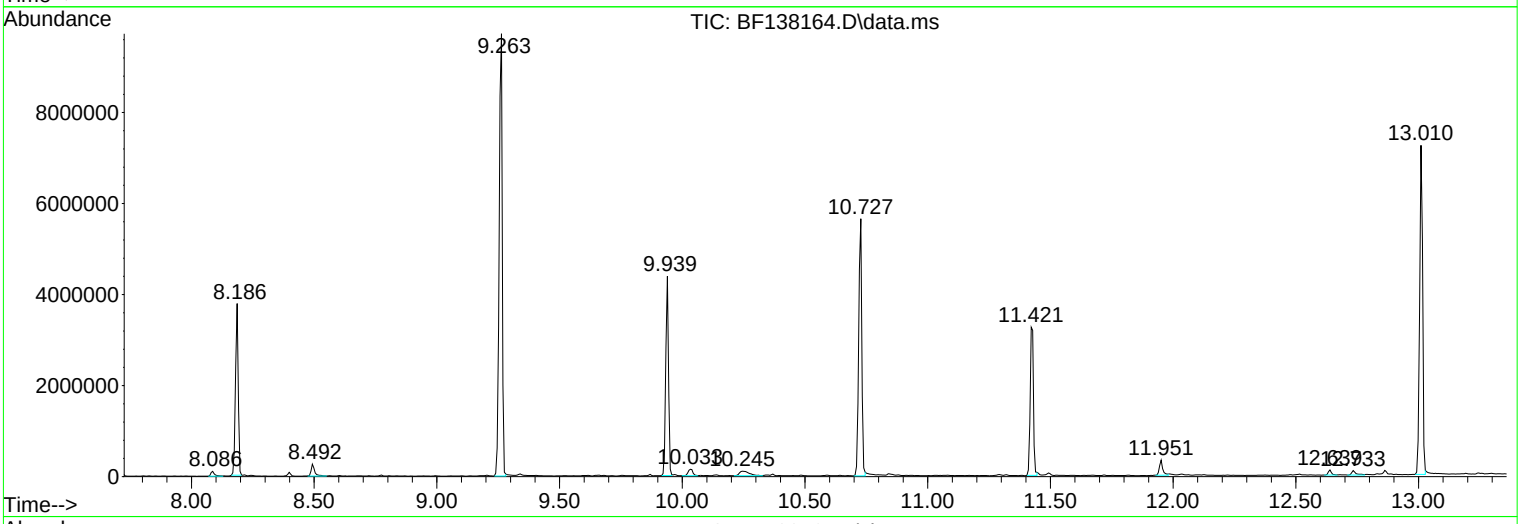
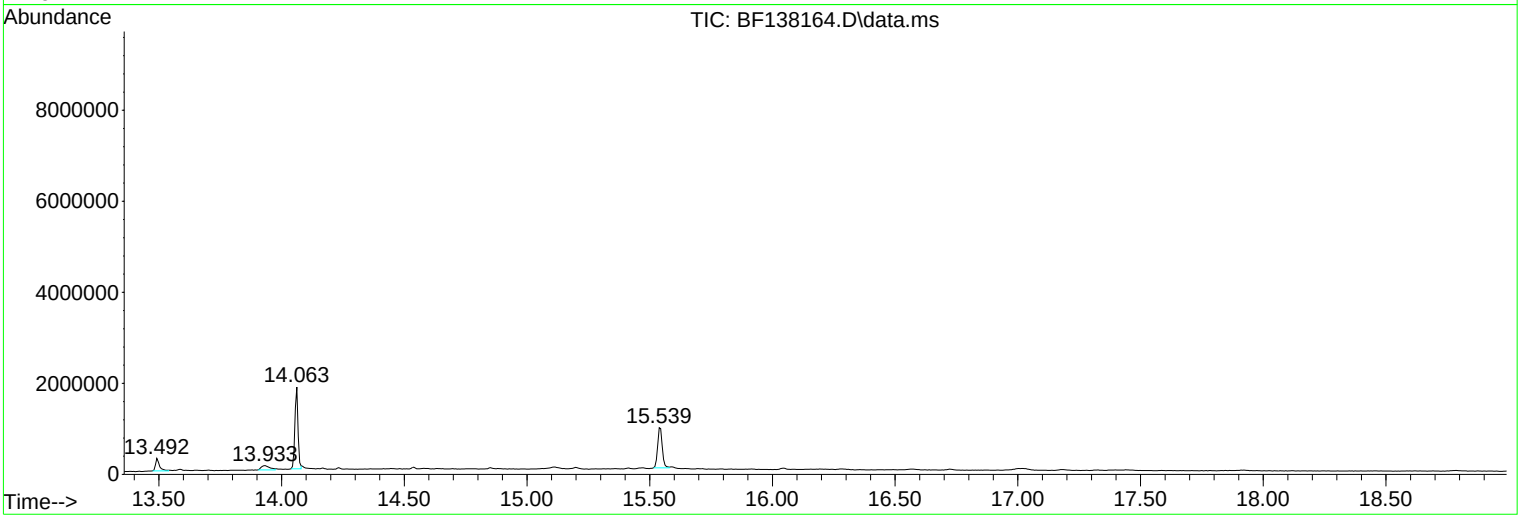
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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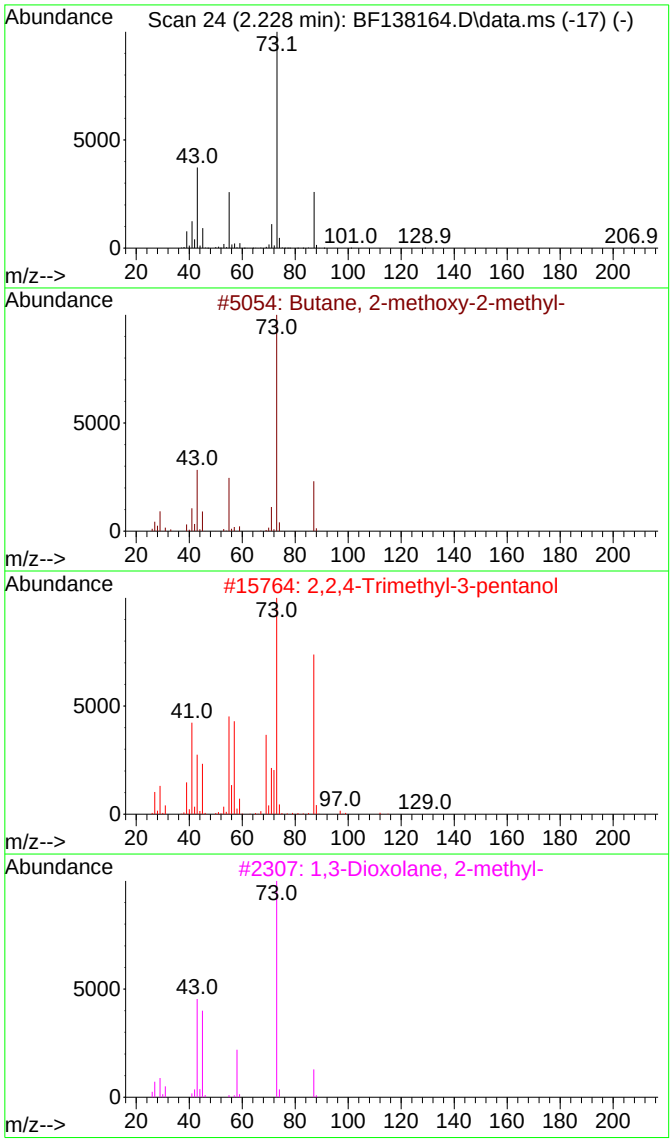
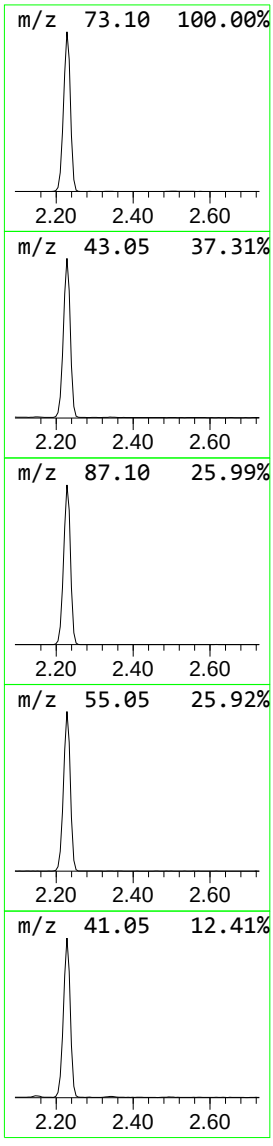
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	48.14 ng	5300920	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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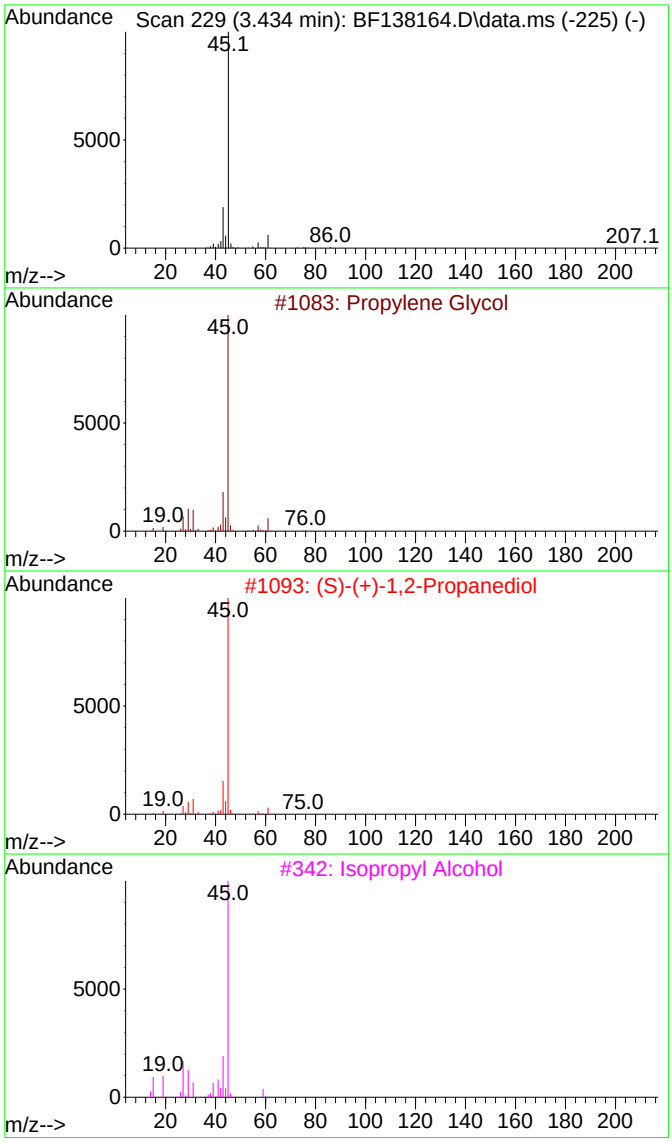
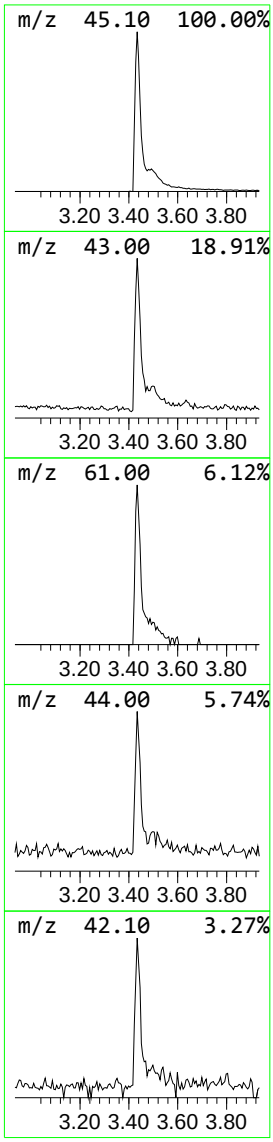
Peak Number 2 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.434	2.10 ng	231780	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





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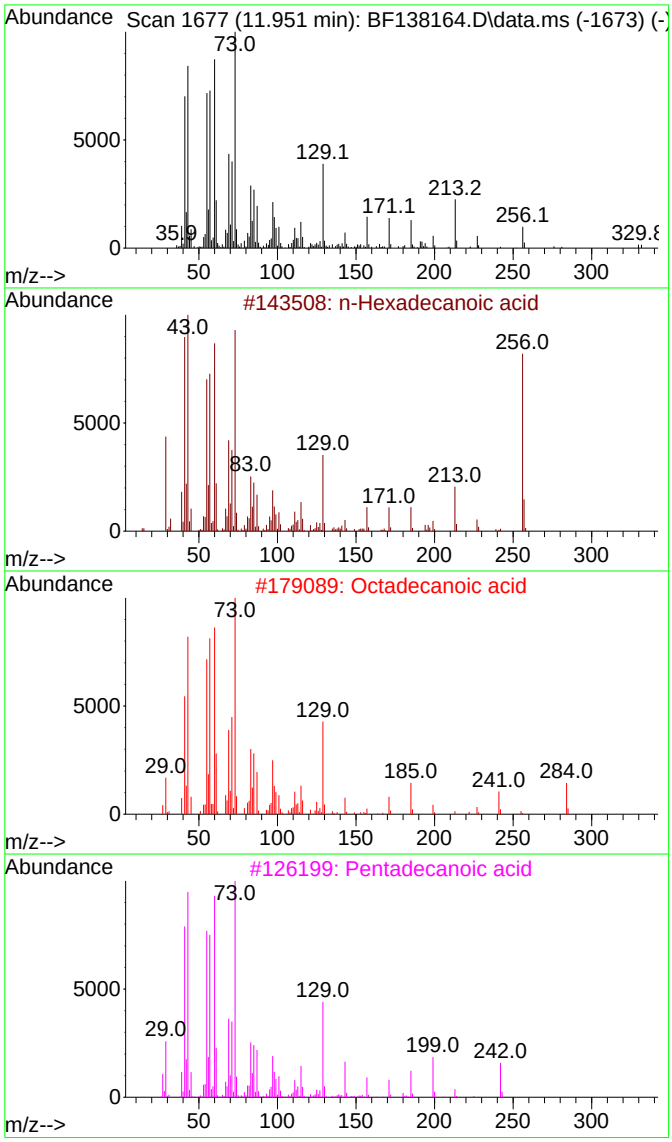
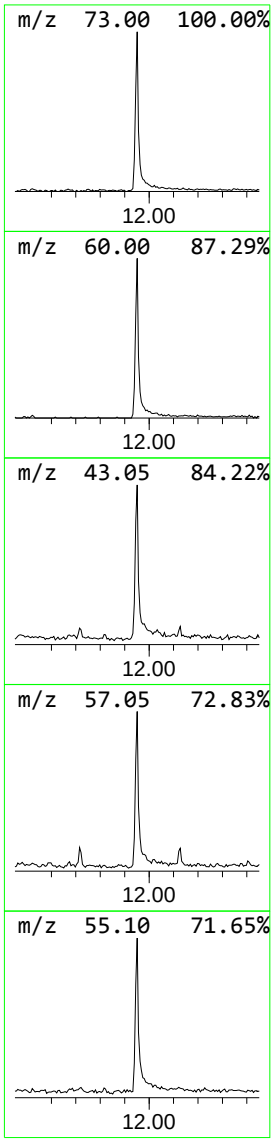
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.10 ng	314387	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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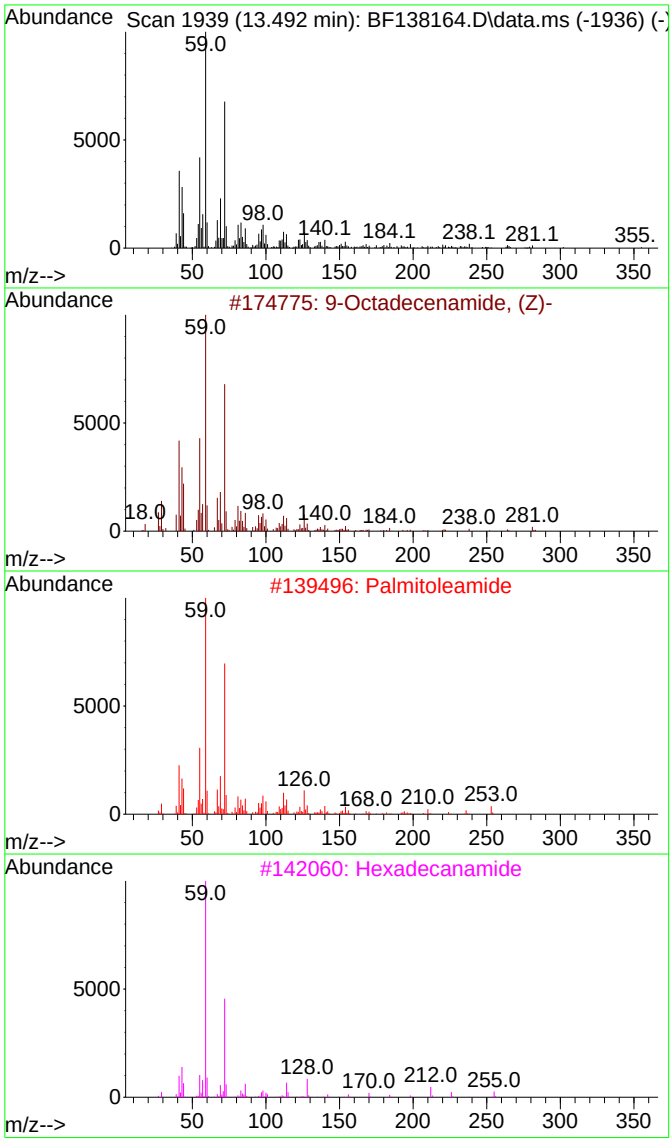
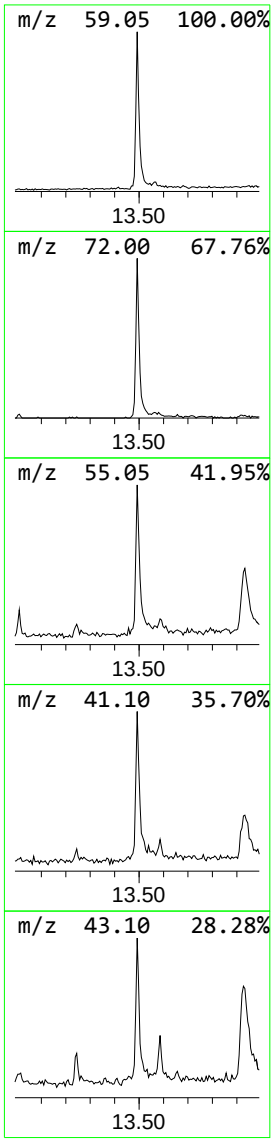
****
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.492	3.74 ng	295611	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Palmitoleamide	253	C16H31NO	106010-22-4	95
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
5	Octanamide	143	C8H17NO	000629-01-6	59





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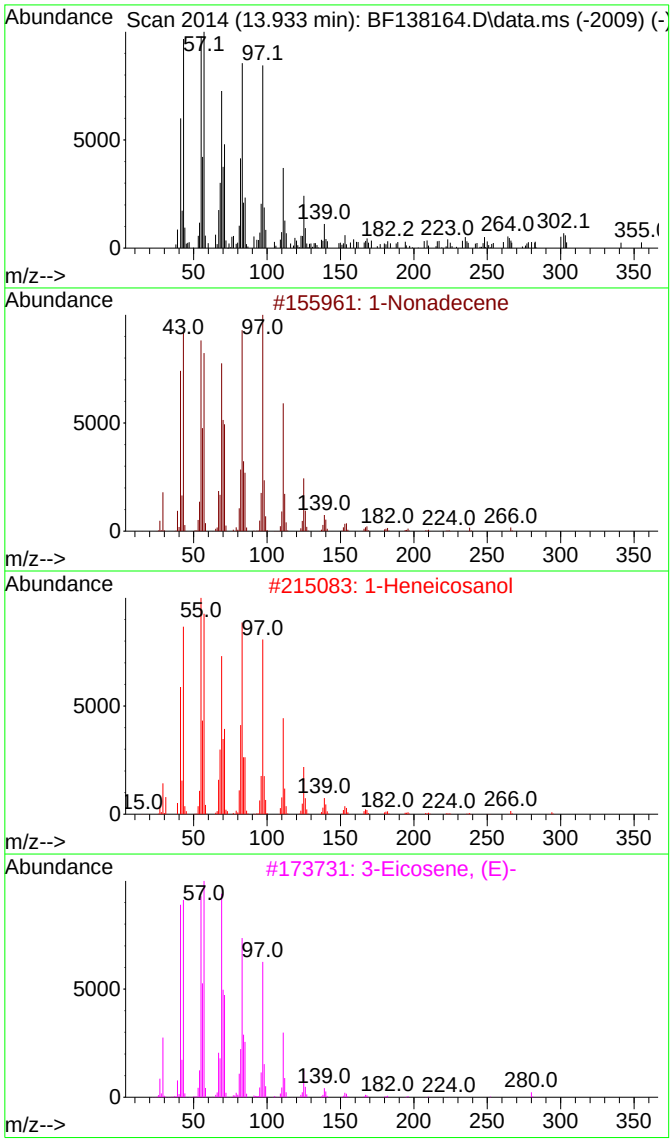
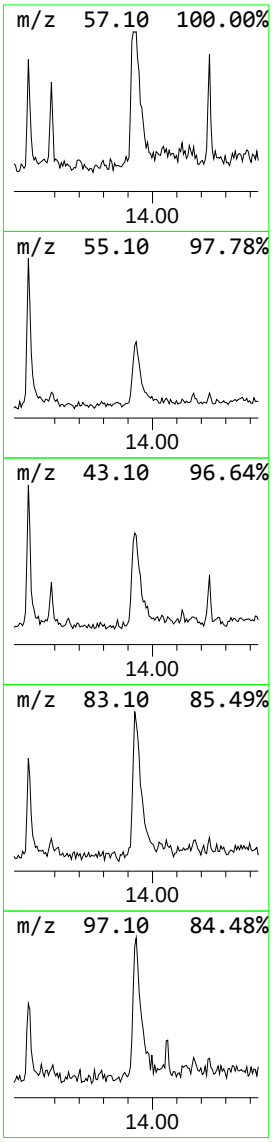
Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.92 ng	230984	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.228	48.1	ng	5300920	1	6.904	2202240	20.0
Propylene Glycol	3.434	2.1	ng	231780	1	6.904	2202240	20.0
n-Hexadecanoic ...	11.951	2.1	ng	314387	4	11.427	2994070	20.0
9-Octadecenamid...	13.492	3.7	ng	295611	5	14.063	1581430	20.0
1-Nonadecene	13.933	2.9	ng	230984	5	14.063	1581430	20.0