LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137977.D
Acq On : 21 May 2024 14:38
Operator : CG\JU
Sample : P2500-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-112-SB02

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	5	15	21	rVB3	38413	104322	2.42%	0.358%
2	2.399	44	53	59	rVB	1625844	2244365	52.13%	7.700%
3	3.675	266	270	279	rBV	62632	102045	2.37%	0.350%
4	5.657	602	607	610	rBV	3029470	3056619	70.99%	10.486%
5	6.645	769	775	778	rBV	2744882	3102419	72.06%	10.643%
6	7.034	837	841	844	rBV	1080337	873853	20.30%	2.998%
7	7.592	931	936	939	rBV	2072954	2045788	47.52%	7.018%
8	8.316	1055	1059	1062	rBV	1492206	1210469	28.11%	4.153%
9	8.616	1107	1110	1120	rBV	98272	120305	2.79%	0.413%
10	9.392	1236	1242	1245	rBV	5121744	4305437	100.00%	14.770%
11	10.081	1355	1359	1362	rBV	1838021	1453180	33.75%	4.985%
12	10.163	1368	1373	1380	rBV	102767	135743	3.15%	0.466%
13	10.875	1489	1494	1497	rBV	2724882	2653680	61.64%	9.104%
14	11.575	1609	1613	1616	rBV	1807950	1453285	33.75%	4.986%
15	12.080	1691	1699	1705	rBV	173405	181676	4.22%	0.623%
16	13.163	1878	1883	1886	rBV	4639637	4102979	95.30%	14.076%
17	14.057	2031	2035	2048	rBV3	96991	241566	5.61%	0.829%
18	14.221	2059	2063	2067	rBV	1000815	909287	21.12%	3.119%
19	15.786	2323	2329	2340	rBV	674448	852218	19.79%	2.924%

Sum of corrected areas: 29149236

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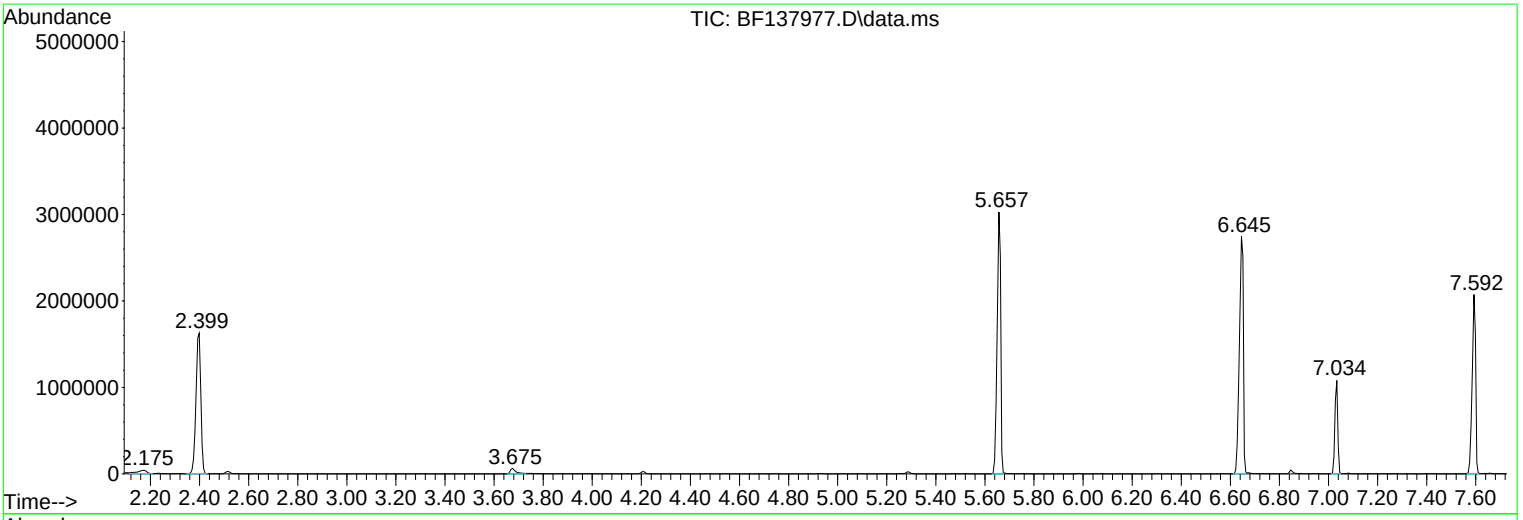
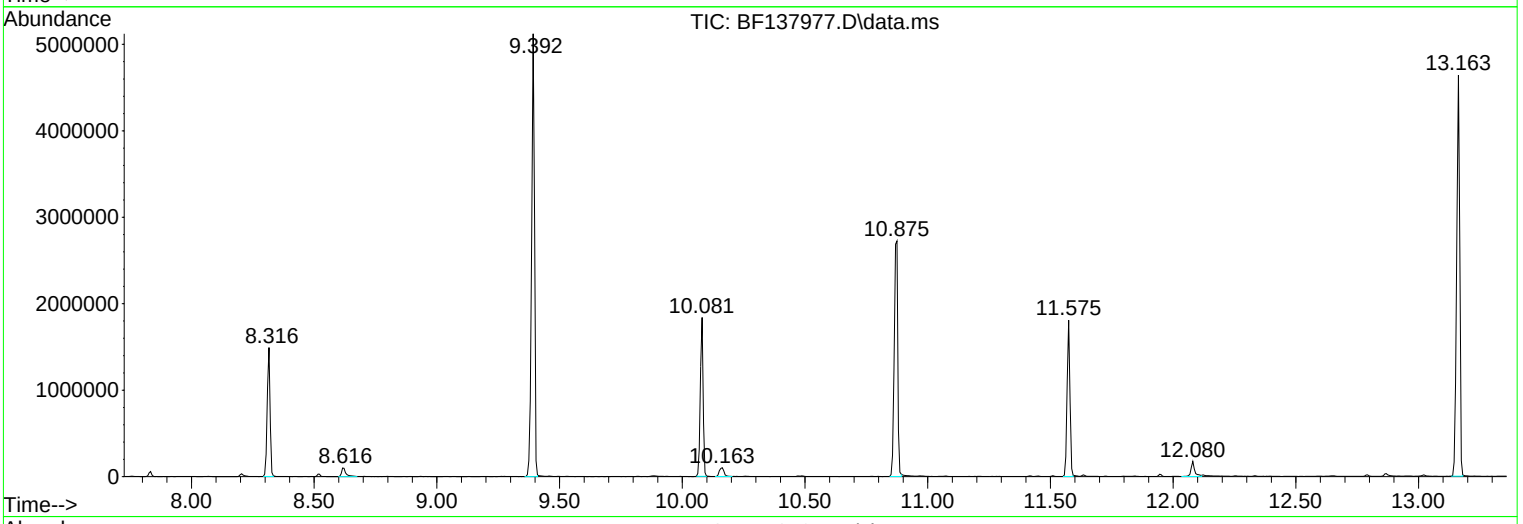
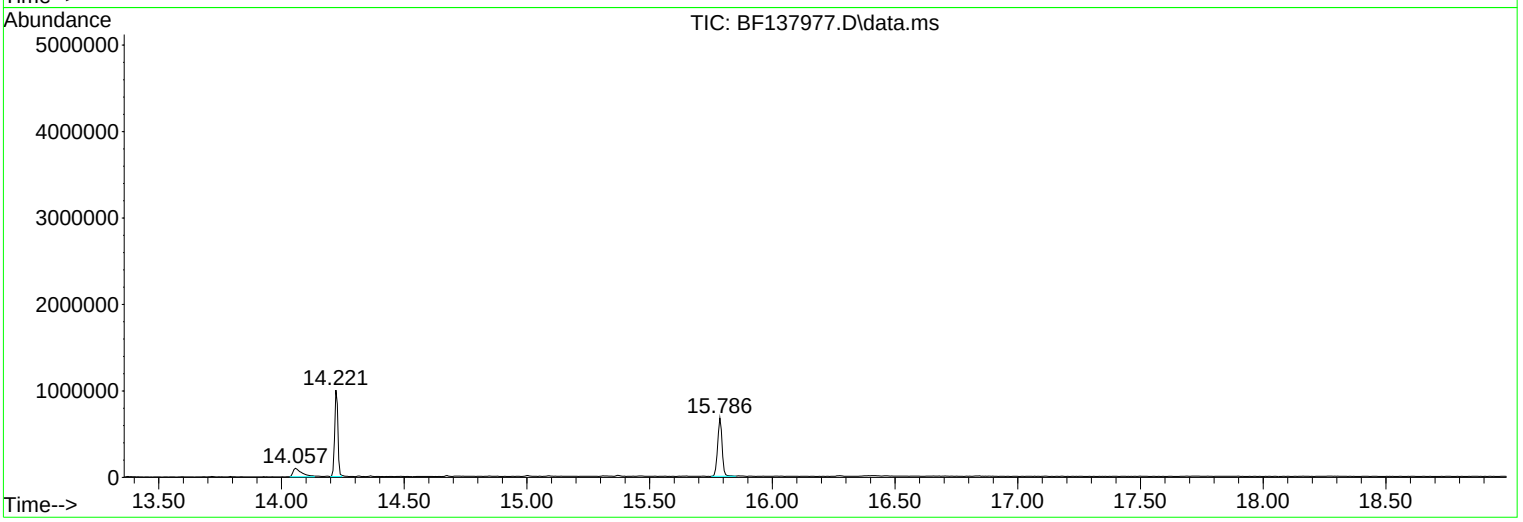
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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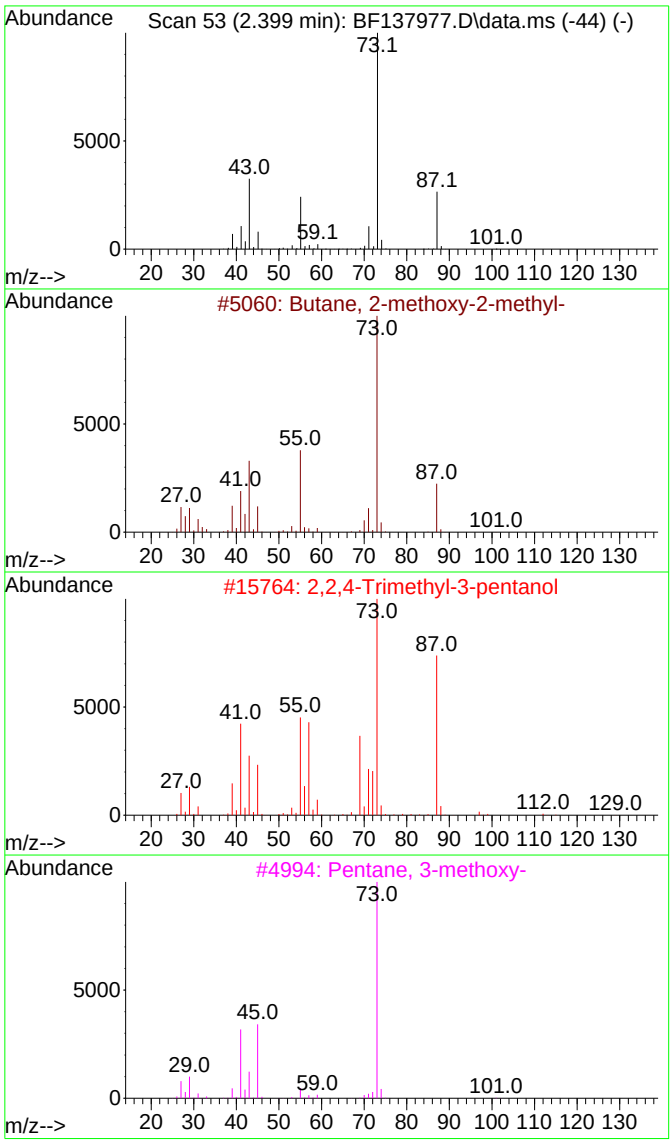
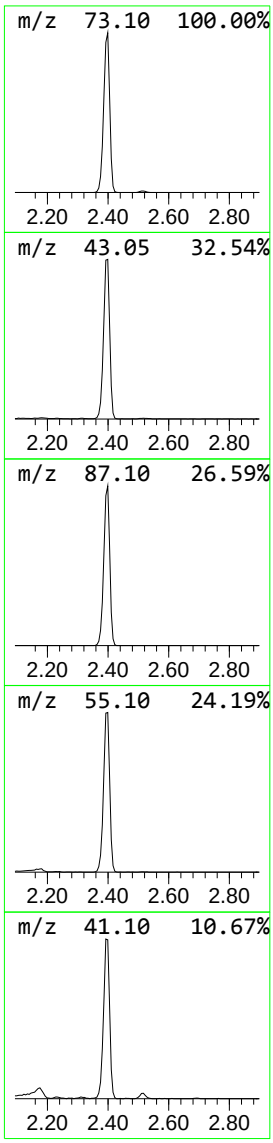
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.399	51.37 ng	2244370	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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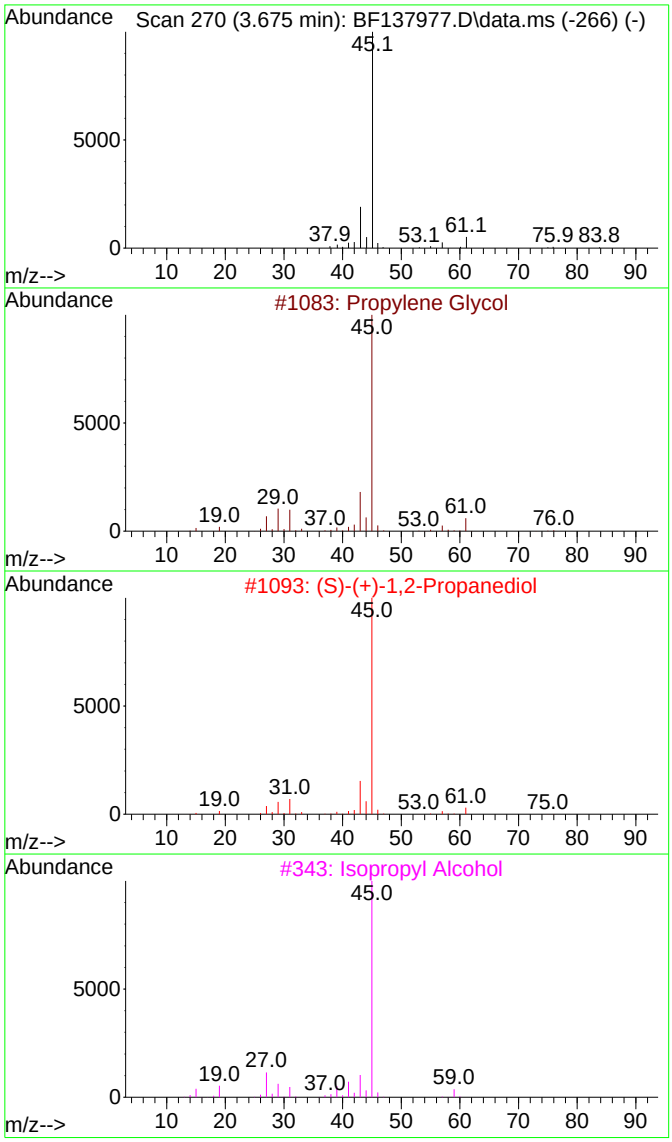
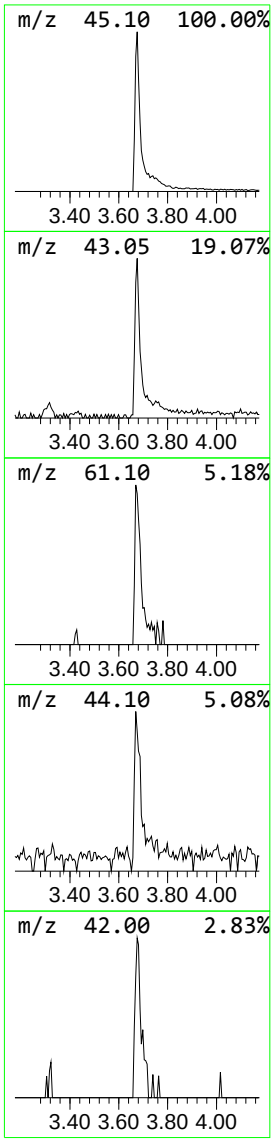
Peak Number 3 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	2.34 ng	102045	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9





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ClientSampleId :
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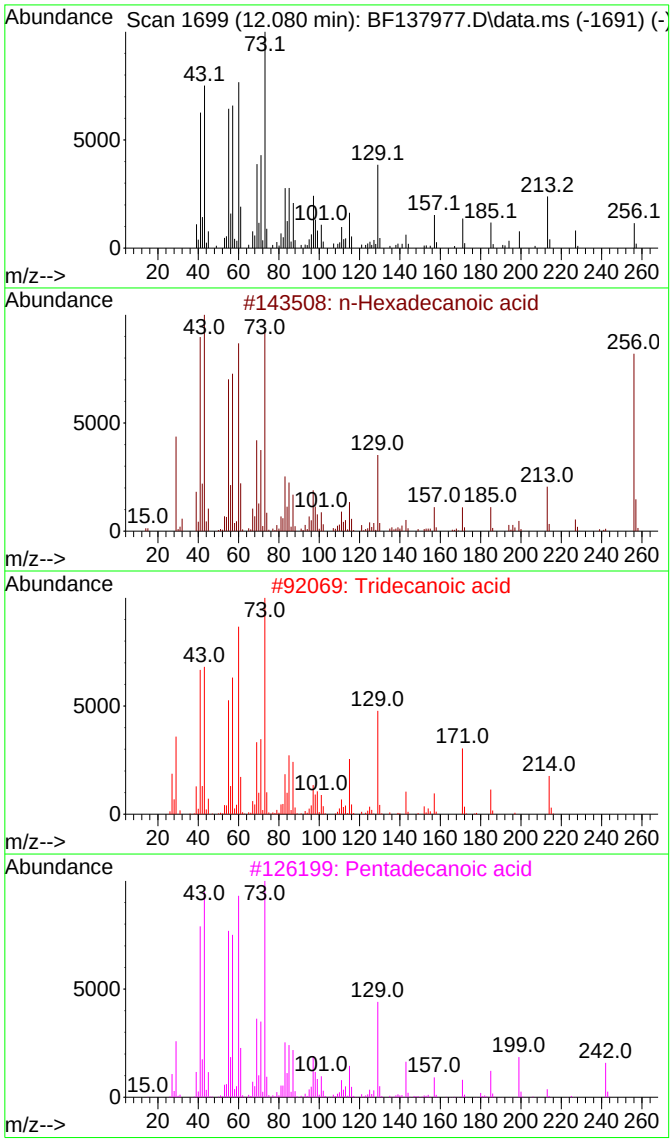
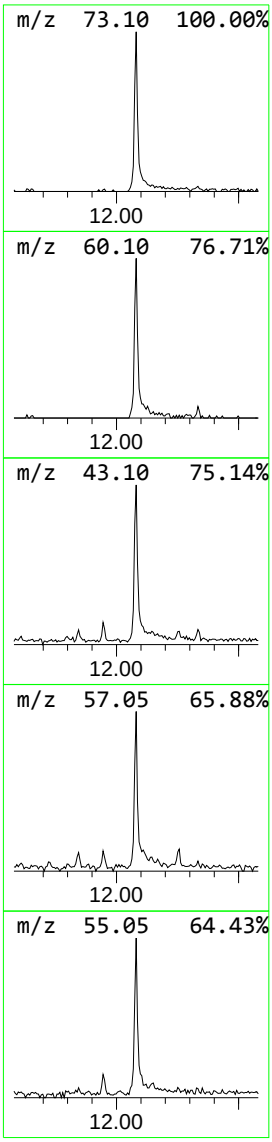
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.50 ng	181676	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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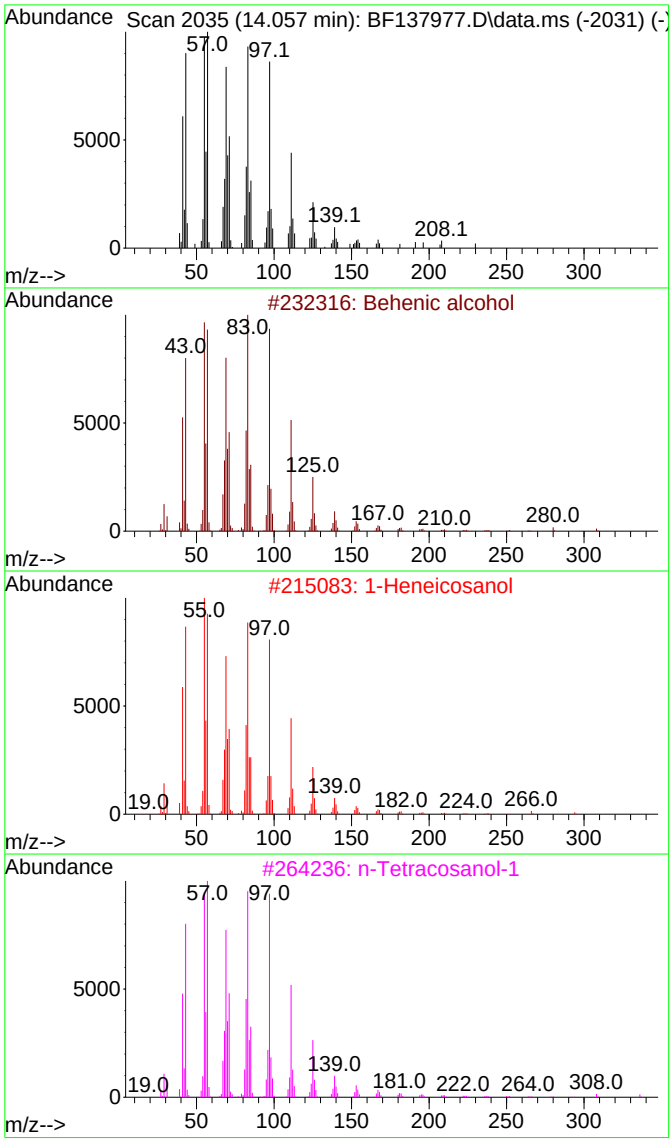
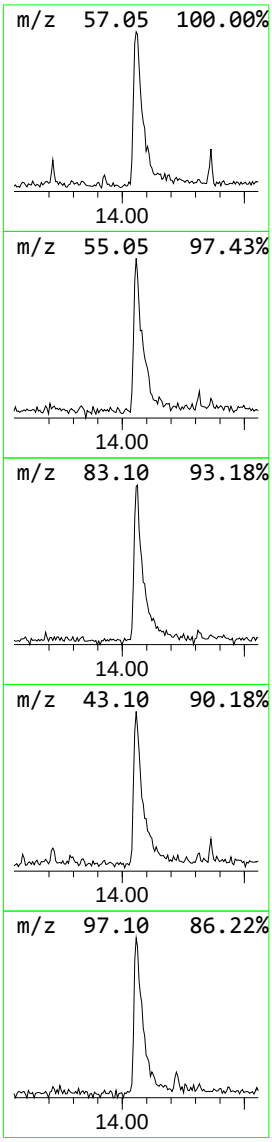
Peak Number 5 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	5.31 ng	241566	Chrysene-d12	14.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Tetracosene	336	C24H48	010192-32-2	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95





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...	2.399	51.4	ng	2244370	1	7.034	873853	20.0
Propylene Glycol	3.675	2.3	ng	102045	1	7.034	873853	20.0
n-Hexadecanoic ...	12.080	2.5	ng	181676	4	11.575	1453290	20.0
Behenic alcohol	14.057	5.3	ng	241566	5	14.221	909287	20.0