LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
Data File : BF130721.D
Acq On : 19 Oct 2022 20:31
Operator : CG\JU
Sample : N5166-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5388-2

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.734	481	484	496	rBV	112983	150495	4.58%	0.924%
2	5.175	556	559	579	rBV	872897	1010784	30.79%	6.205%
3	6.222	734	737	758	rBV	417486	527343	16.06%	3.237%
4	6.569	792	796	805	rBV	481624	443506	13.51%	2.722%
5	7.140	889	893	907	rBV	1629820	1703720	51.90%	10.458%
6	7.775	998	1001	1010	rBV	143445	263044	8.01%	1.615%
7	7.851	1010	1014	1034	rVB	732198	689087	20.99%	4.230%
8	8.928	1192	1197	1200	rBV	3725883	3282688	100.00%	20.151%
9	9.051	1214	1218	1227	rVB	208488	204175	6.22%	1.253%
10	9.598	1307	1311	1319	rBV	838748	713911	21.75%	4.382%
11	10.386	1442	1445	1462	rBV	1653619	1659677	50.56%	10.188%
12	11.075	1559	1562	1571	rBV	721405	662915	20.19%	4.069%
13	11.622	1652	1655	1656	rBV	61879	46176	1.41%	0.283%
14	11.651	1656	1660	1663	rVB	1826105	1521612	46.35%	9.340%
15	12.180	1747	1750	1756	rVB	106531	87508	2.67%	0.537%
16	12.269	1757	1765	1770	rBV	48303	53501	1.63%	0.328%
17	12.663	1828	1832	1835	rBV	2683533	2282978	69.55%	14.014%
18	13.110	1905	1908	1910	rBV	75318	57551	1.75%	0.353%
19	13.710	1999	2010	2023	rBV	528023	518510	15.80%	3.183%
20	14.539	2147	2151	2156	rBV	42096	39458	1.20%	0.242%
21	15.086	2240	2244	2253	rBV	312646	371977	11.33%	2.283%

Sum of corrected areas: 16290616

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BNA_F
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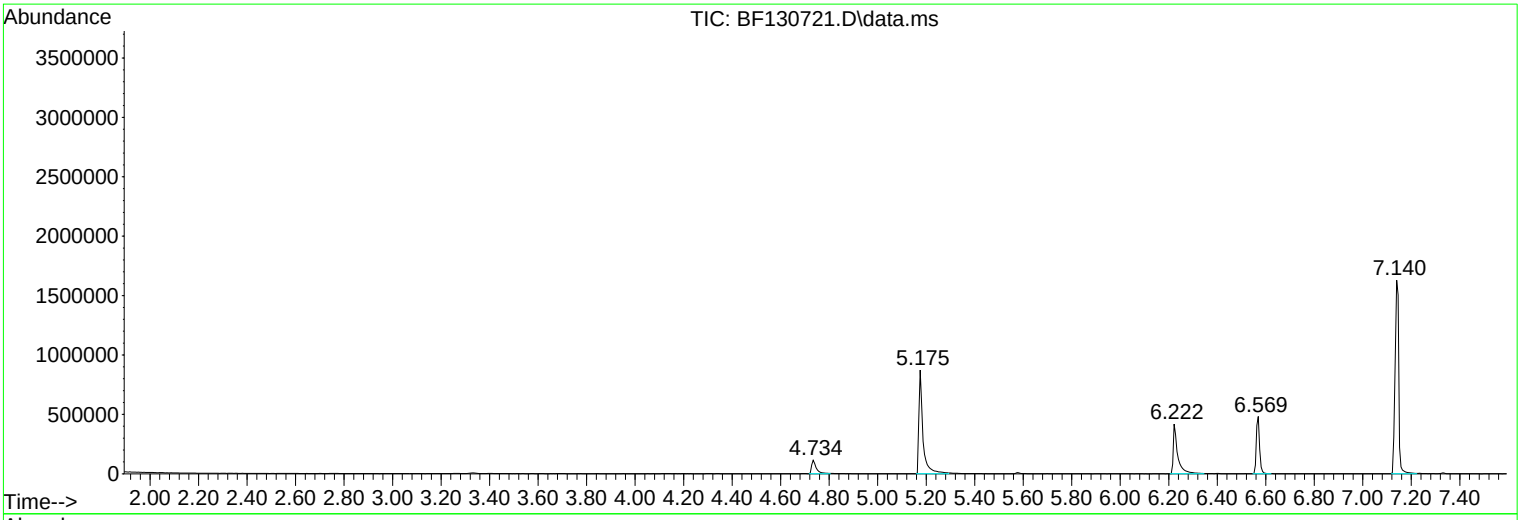
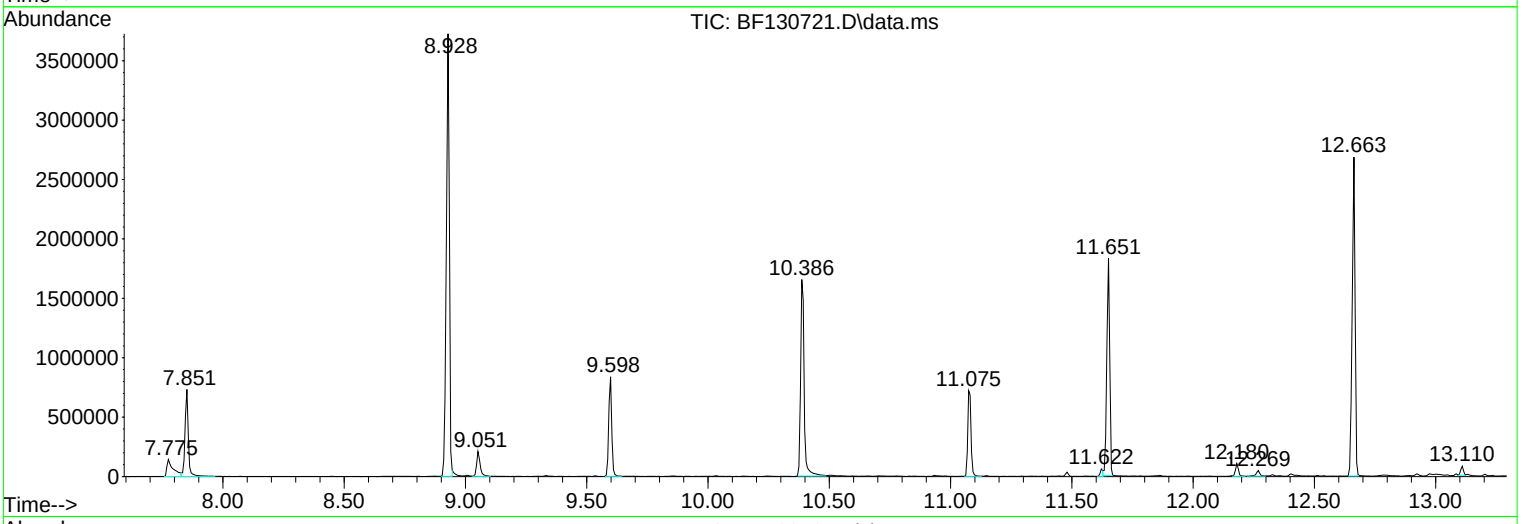
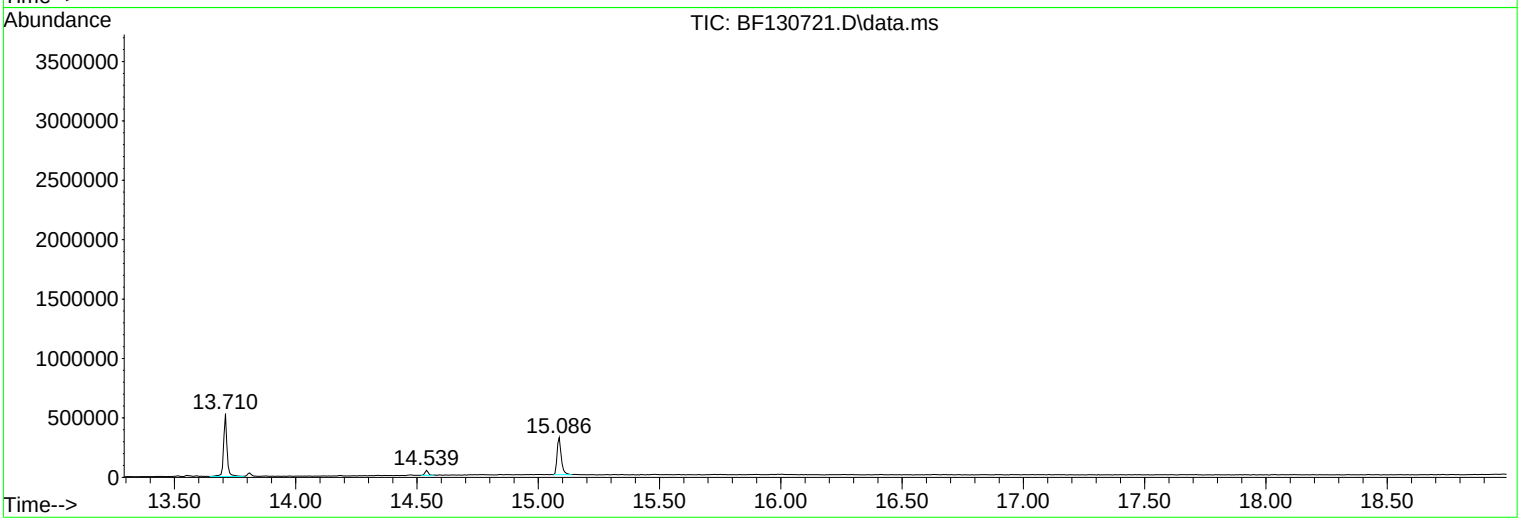
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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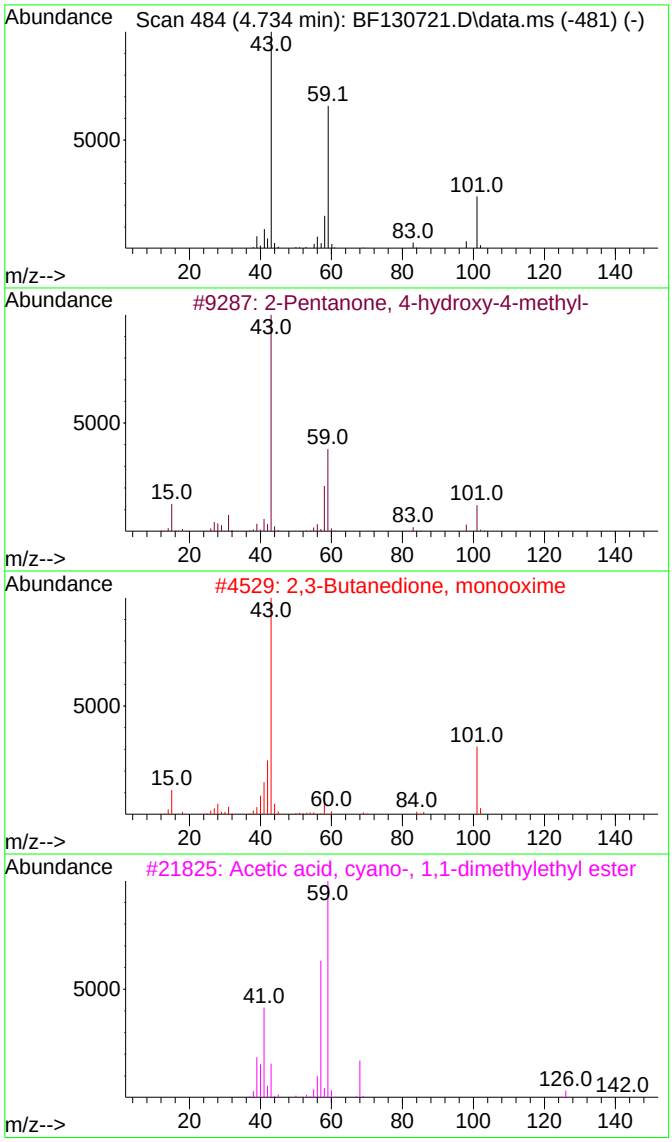
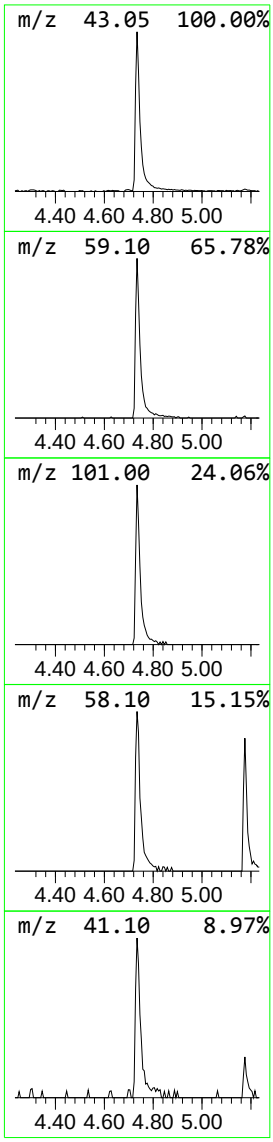
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.734	6.79 ng	150495	1,4-Dichlorobenzene-d4	6.569

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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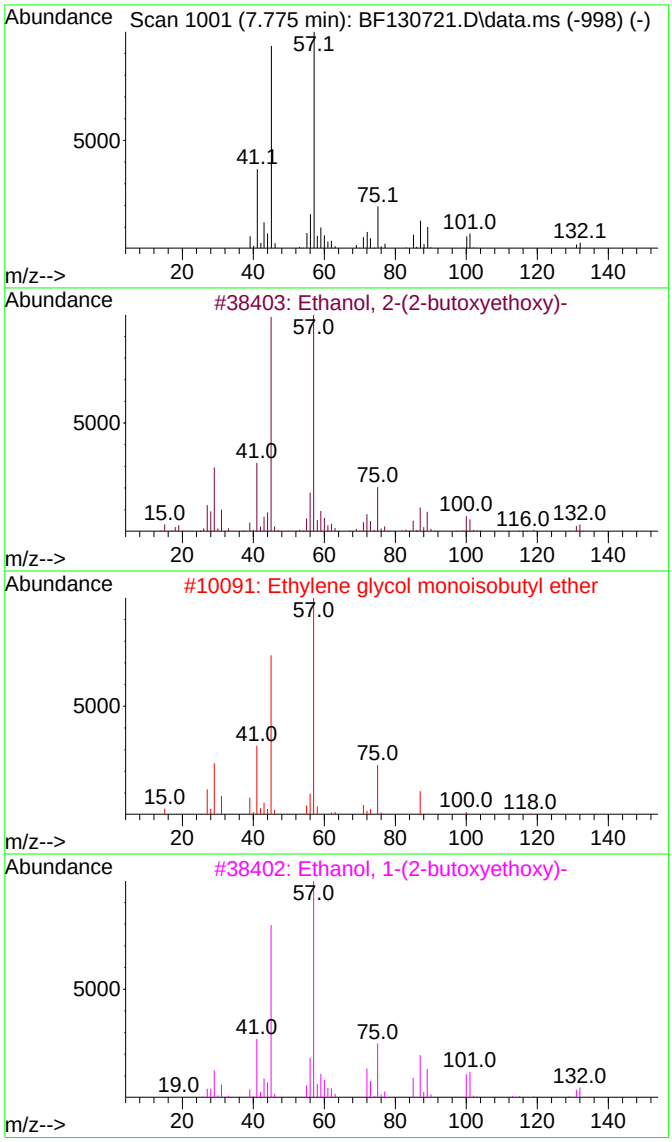
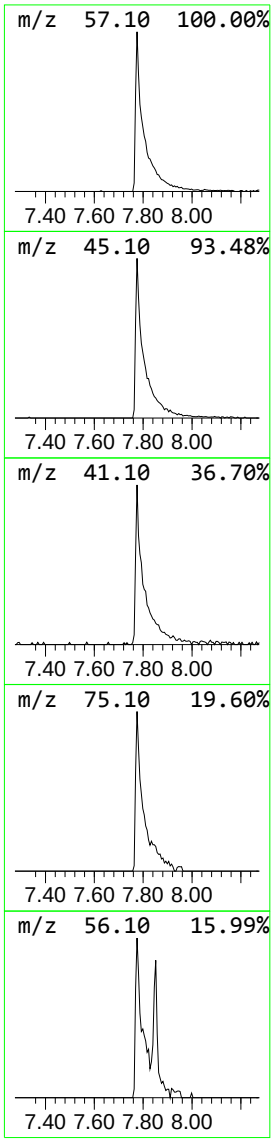
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	7.63 ng	263044	Naphthalene-d8	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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TIC Library : C:\Database\NIST20.L
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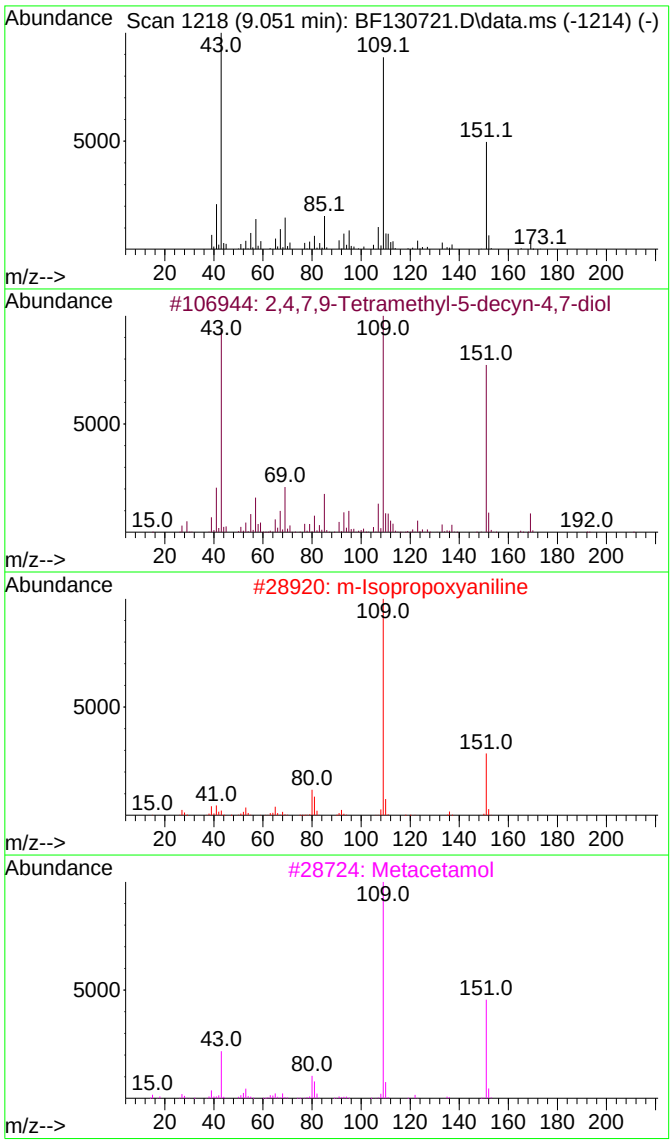
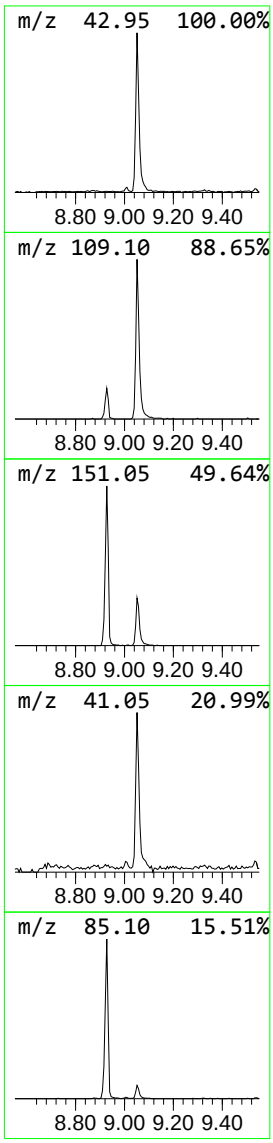
****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.051	5.72 ng	204175	Acenaphthene-d10	9.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	45
5	4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	43





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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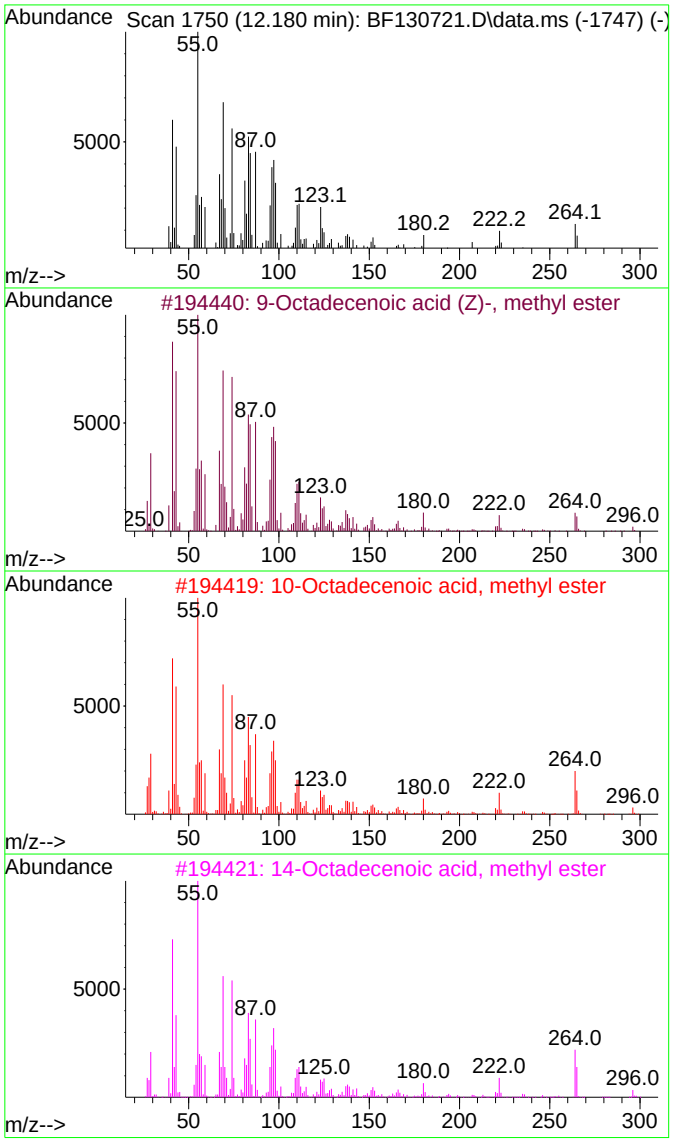
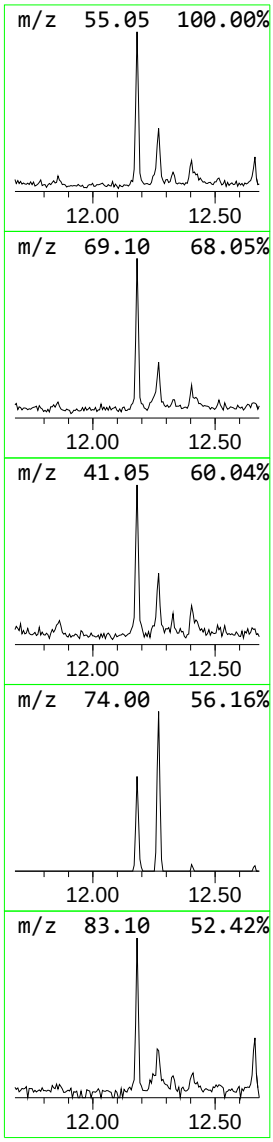
****
Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.181	2.64 ng	87508	Phenanthrene-d10	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	83





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TIC Library : C:\Database\NIST20.L
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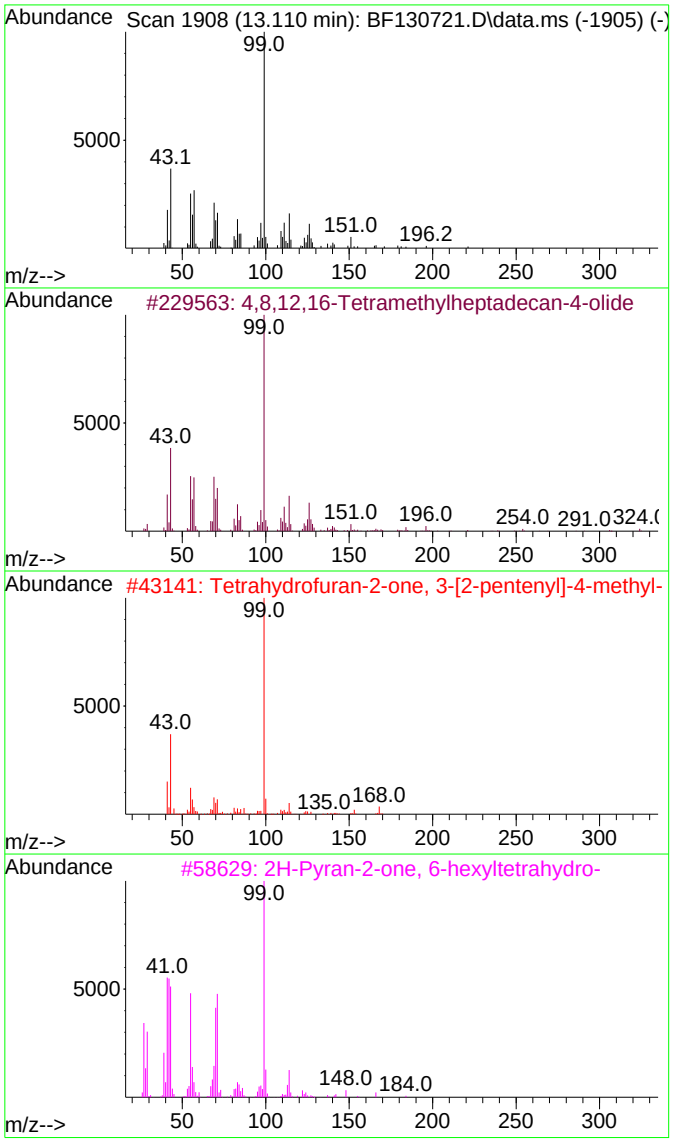
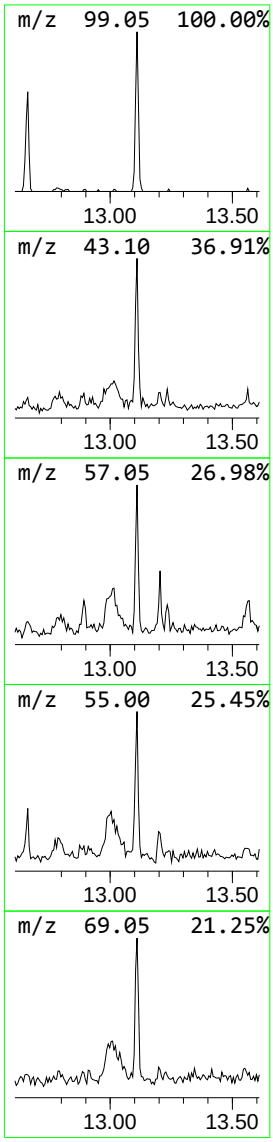
****

Peak Number 5 4,8,12,16-Tetramethylheptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.22 ng	57551	Chrysene-d12	13.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	91
2	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	59
3	2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	52
4	Hexanoic acid, oct-3-en-2-yl ester	226	C14H26O2	1000299-35-5	50
5	1-Methyloctyl methylphosphonoflu...	224	C10H22FO2P	1000510-52-4	50





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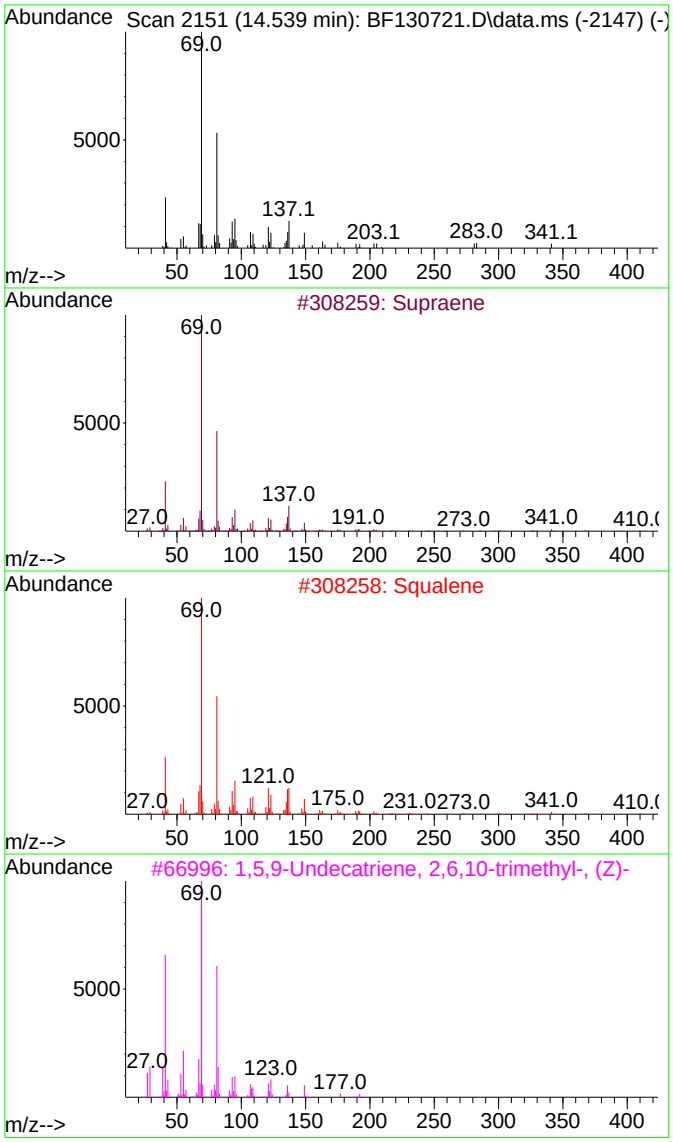
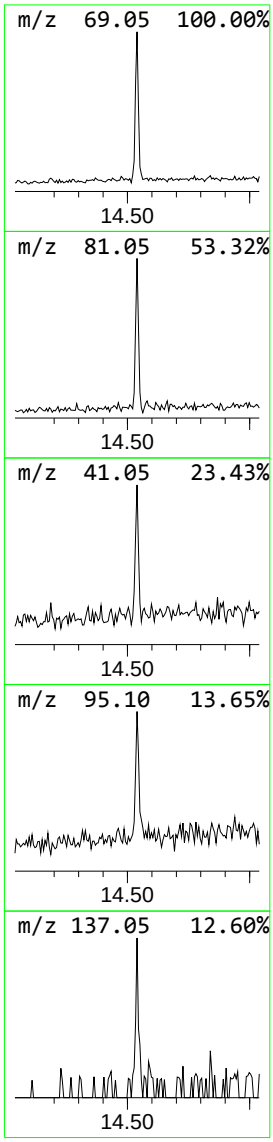
****

Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	2.12 ng	39458	Perylene-d12	15.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5	3,7,11-Trimethyl-2,6,10-dodecatr...	346	C21H30O2S	1000432-39-0	78





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.734	6.8	ng	150495	1	6.569	443506	20.0
Ethanol, 2-(2-b...	7.775	7.6	ng	263044	2	7.851	689087	20.0
2,4,7,9-Tetrame...	9.051	5.7	ng	204175	3	9.598	713911	20.0
9-Octadecenoic ...	12.181	2.6	ng	87508	4	11.075	662915	20.0
4,8,12,16-Tetra...	13.110	2.2	ng	57551	5	13.710	518510	20.0
Supraene	14.539	2.1	ng	39458	6	15.086	371977	20.0