LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132223.D
Acq On : 30 Jan 2023 21:53
Operator : CG\JU
Sample : 01353-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11985

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-BF012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.325	417	423	431	rVB	1363614	1761752	32.80%	4.801%
2	5.707	482	488	491	rBV	4011036	4270531	79.50%	11.637%
3	6.690	649	655	658	rBV	3828724	4339738	80.79%	11.826%
4	7.078	718	721	725	rVB	1468896	1136946	21.17%	3.098%
5	7.643	812	817	820	rBV	3263346	2813100	52.37%	7.666%
6	8.366	936	940	943	rBV	1926876	1494901	27.83%	4.074%
7	9.442	1119	1123	1126	rBV	6319393	5371469	100.00%	14.637%
8	10.131	1236	1240	1243	rBV	2229877	1755913	32.69%	4.785%
9	10.842	1358	1361	1365	rVB	259133	196198	3.65%	0.535%
10	10.925	1370	1375	1378	rBV	3734654	3296178	61.36%	8.982%
11	11.019	1388	1391	1394	rBV	121631	91893	1.71%	0.250%
12	11.631	1491	1495	1497	rBV	1912540	1785806	33.25%	4.866%
13	11.648	1497	1498	1503	rVB	252960	195525	3.64%	0.533%
14	11.701	1503	1507	1510	rBV2	47885	65268	1.22%	0.178%
15	12.136	1577	1581	1584	rBV	401574	366797	6.83%	1.000%
16	12.848	1699	1702	1707	rBV	424320	360676	6.71%	0.983%
17	12.925	1712	1715	1717	rBV3	128543	119274	2.22%	0.325%
18	13.083	1739	1742	1744	rBV	262098	207745	3.87%	0.566%
19	13.219	1761	1765	1769	rVB	4465459	4338122	80.76%	11.821%
20	14.248	1938	1940	1943	rVB	151519	132046	2.46%	0.360%
21	14.289	1943	1947	1950	rBV	1078495	995759	18.54%	2.713%
22	15.171	2094	2097	2101	rVB	341815	340609	6.34%	0.928%
23	15.877	2212	2217	2230	rVB2	840292	1261433	23.48%	3.437%

Sum of corrected areas: 36697679

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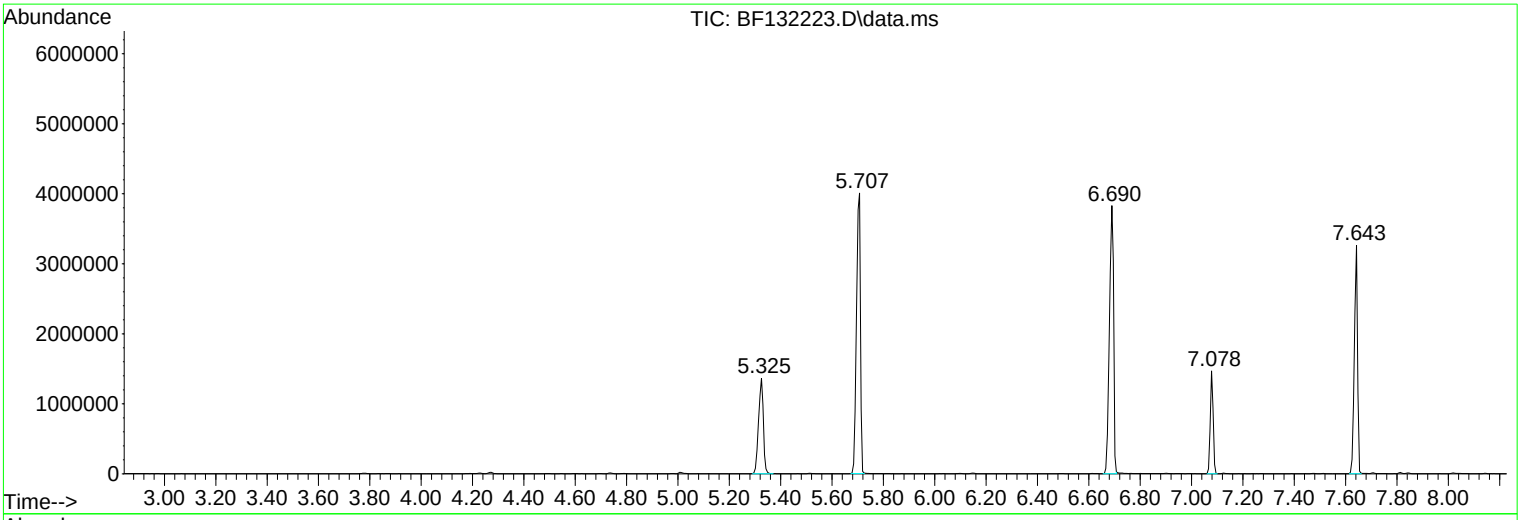
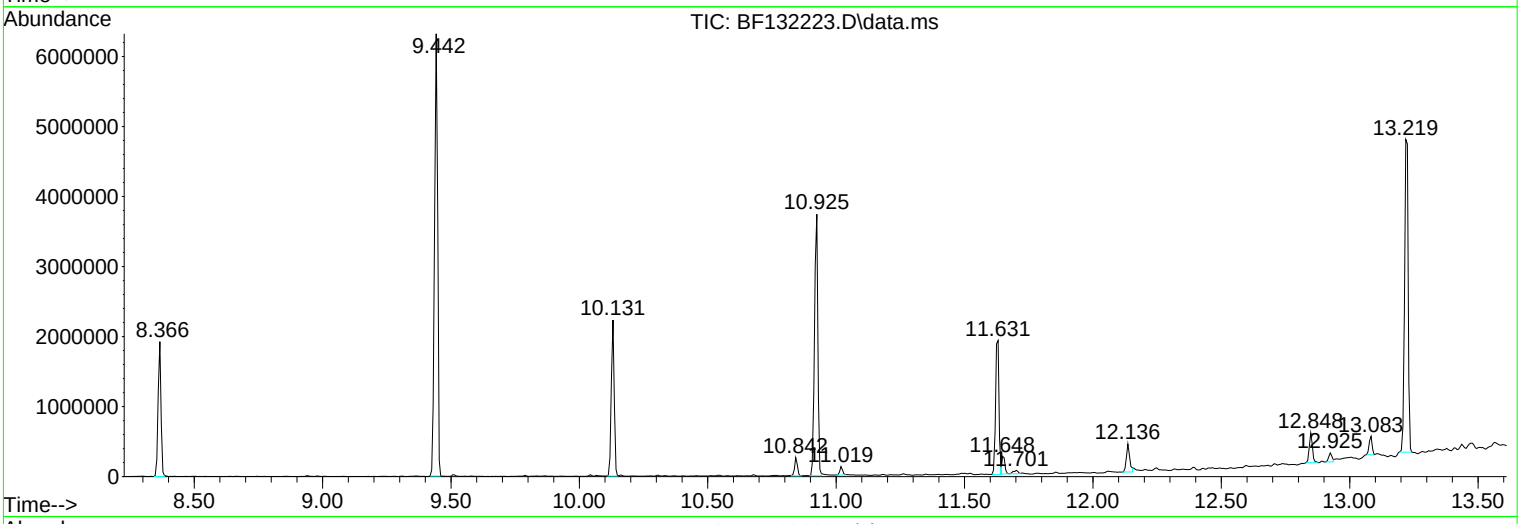
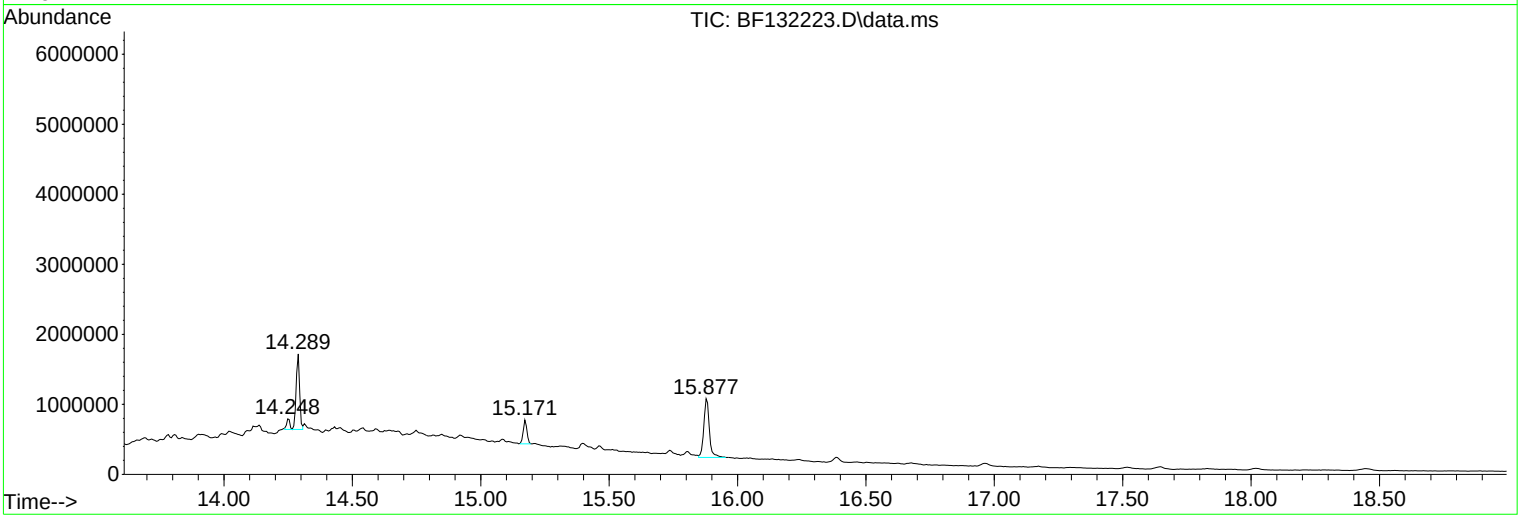
ClientSampleId :
72-11985

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.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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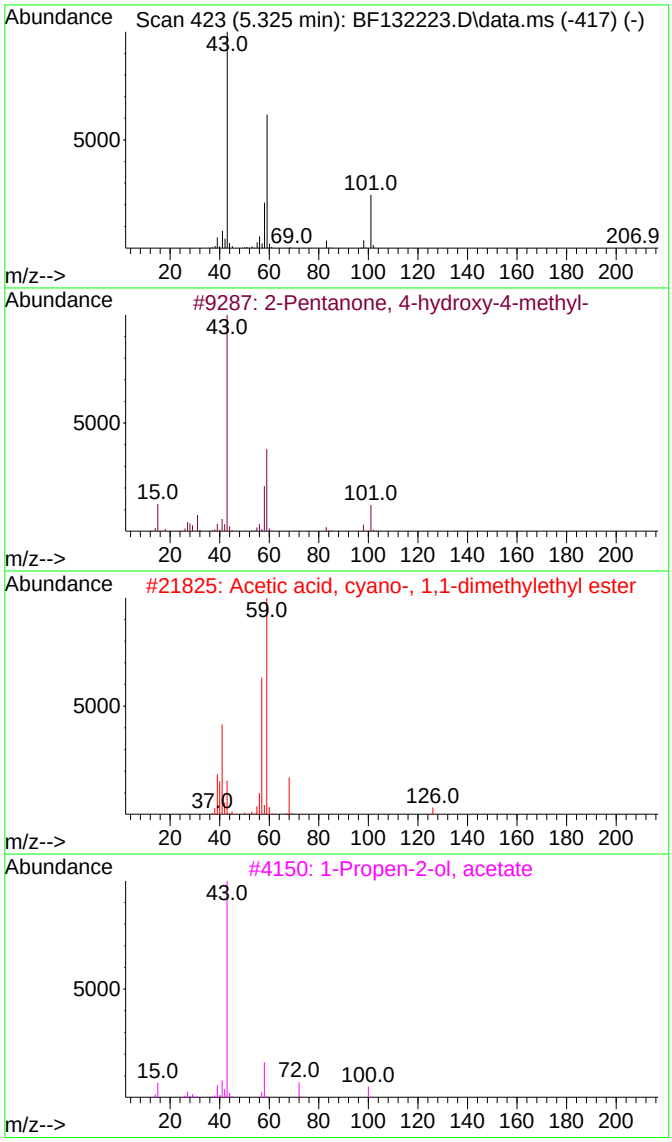
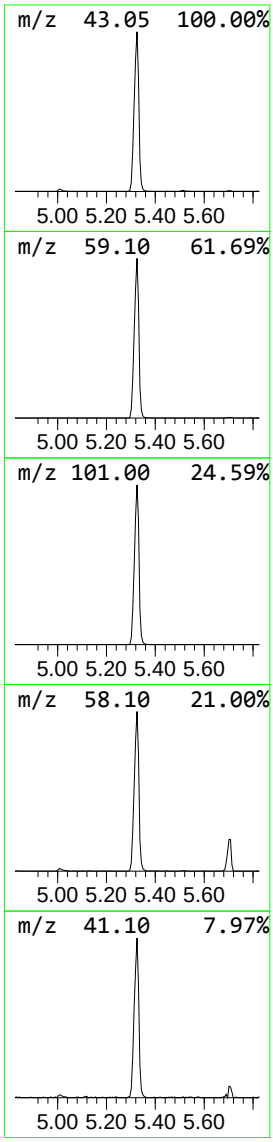
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.325	30.99 ng	1761750	1,4-Dichlorobenzene-d4	7.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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ClientSampleId :
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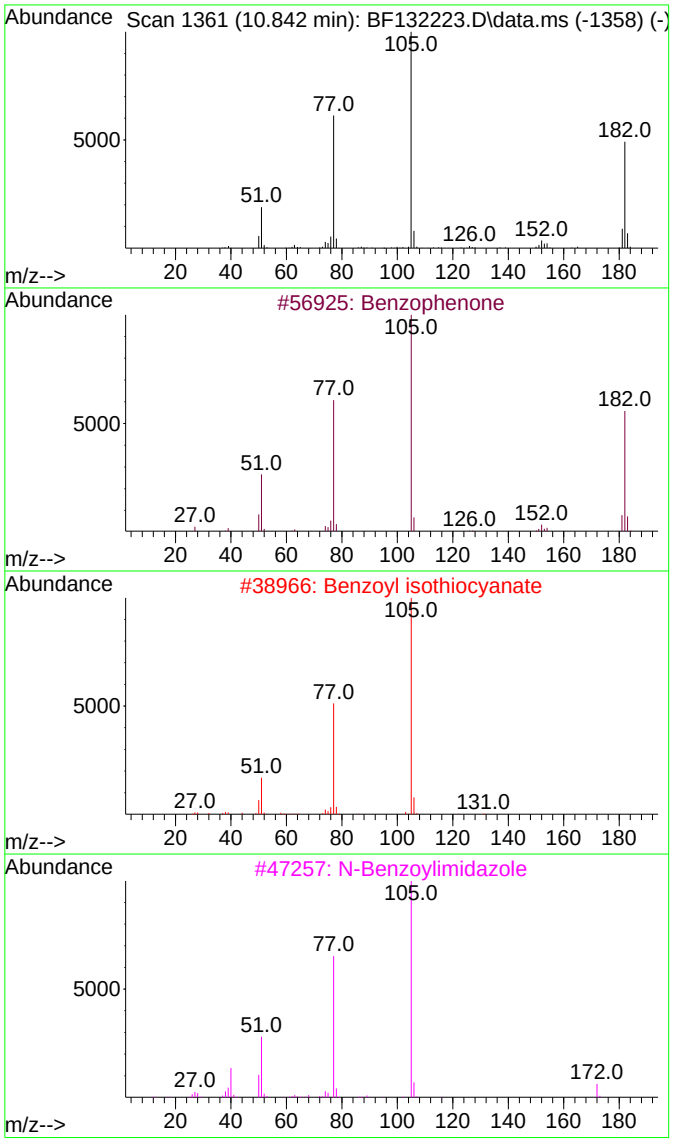
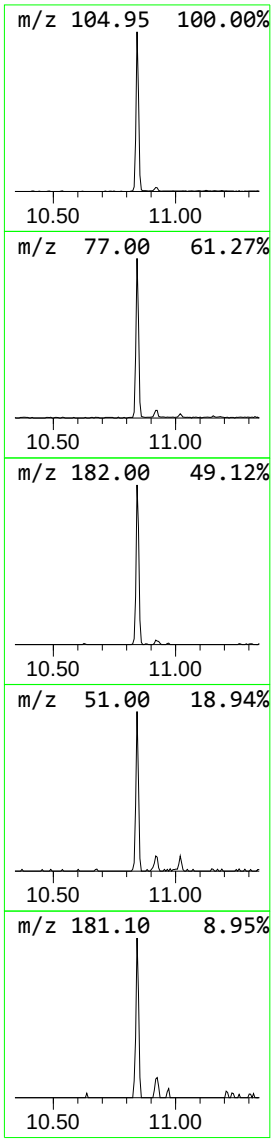
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.842	2.23 ng	196198	Acenaphthene-d10	10.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	46
3	N-Benzoylimidazole	172	C10H8N2O	010364-94-0	43
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43





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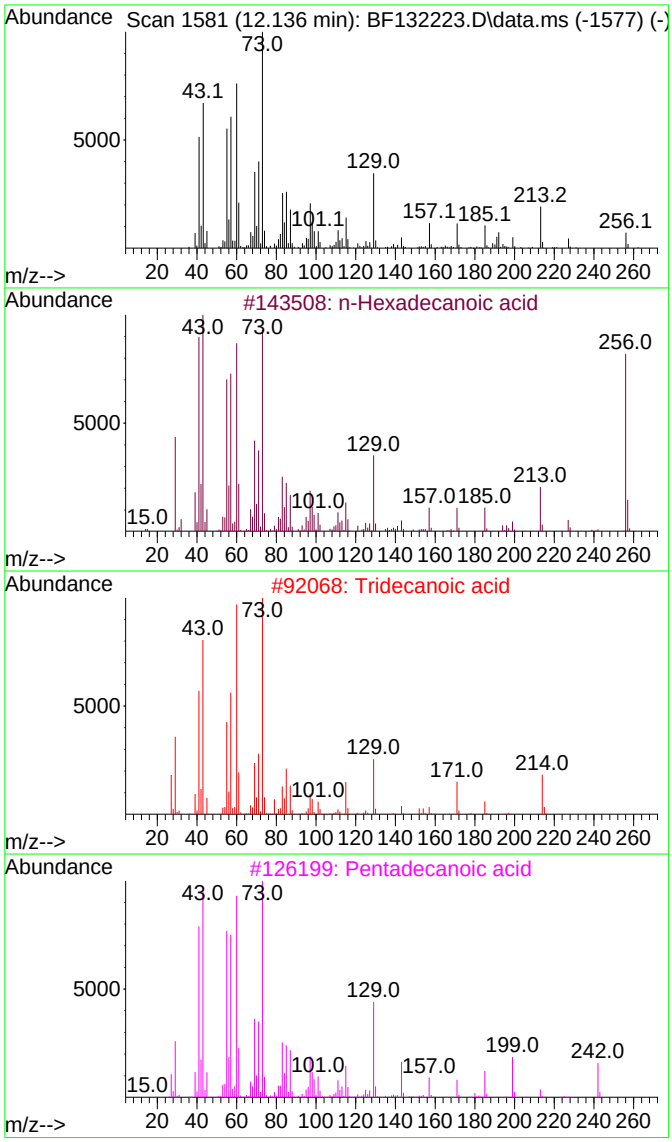
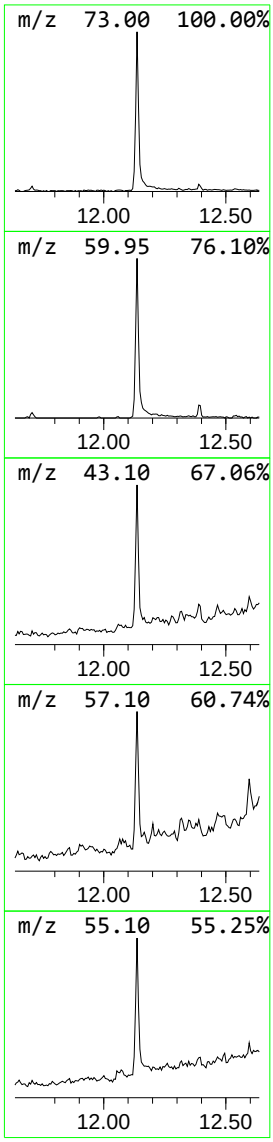
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.136	4.11 ng	366797	Phenanthrene-d10	11.631

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	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46





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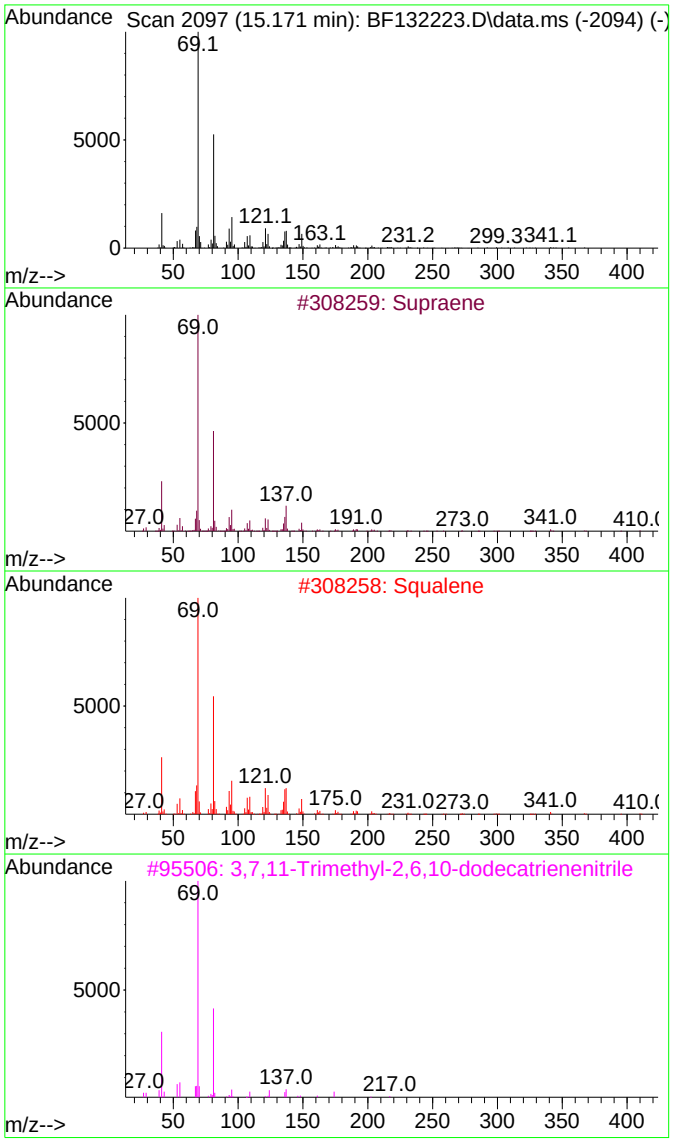
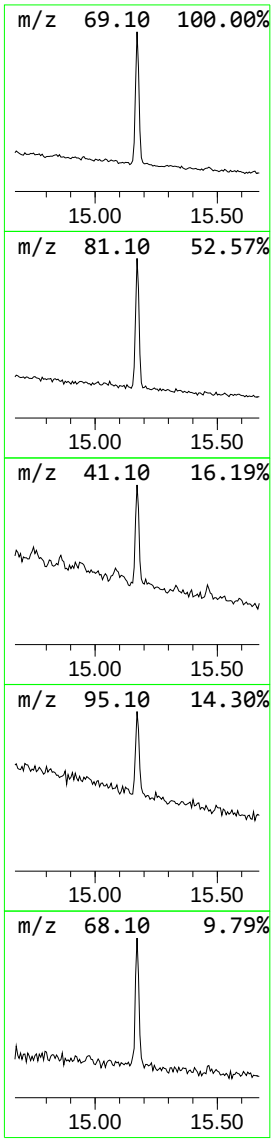
Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.172	5.40 ng	340609	Perylene-d12	15.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	64
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	64
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50





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-...	5.325	31.0	ng	1761750	1	7.078	1136950	20.0
Benzophenone	10.842	2.2	ng	196198	3	10.131	1755910	20.0
n-Hexadecanoic ...	12.136	4.1	ng	366797	4	11.631	1785810	20.0
Supraene	15.172	5.4	ng	340609	6	15.877	1261430	20.0