LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132593.D
Acq On : 01 Mar 2023 16:11
Operator : CG\JU
Sample : 01739-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132593.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	446	451	463	rVB	1704051	2131380	49.24%	6.271%
2	5.634	513	518	521	rBV	4480248	4275820	98.78%	12.581%
3	6.628	682	687	690	rBV	4130662	4171373	96.37%	12.274%
4	7.004	747	751	754	rBV	1368189	1108184	25.60%	3.261%
5	7.569	842	847	850	rBV	2932251	2750334	63.54%	8.093%
6	8.287	966	969	972	rBV	1729355	1310693	30.28%	3.857%
7	9.363	1148	1152	1155	rBV	5107927	4328596	100.00%	12.736%
8	10.051	1265	1269	1272	rBV	1489979	1300039	30.03%	3.825%
9	10.763	1386	1390	1393	rVB	246494	203622	4.70%	0.599%
10	10.839	1399	1403	1407	rBV	2670517	2456990	56.76%	7.229%
11	11.545	1519	1523	1525	rBV	1402812	1213161	28.03%	3.570%
12	11.569	1525	1527	1530	rVB	184960	148213	3.42%	0.436%
13	12.057	1605	1610	1618	rBV2	472745	534737	12.35%	1.573%
14	12.763	1726	1730	1734	rBV	282341	271862	6.28%	0.800%
15	12.845	1741	1744	1749	rBV2	83555	106246	2.45%	0.313%
16	12.998	1764	1770	1776	rBV	214058	237335	5.48%	0.698%
17	13.133	1789	1793	1796	rBV	4396250	4051017	93.59%	11.920%
18	14.045	1943	1948	1959	rBV3	155611	408109	9.43%	1.201%
19	14.198	1970	1974	1977	rBV	1304668	1379907	31.88%	4.060%
20	14.227	1977	1979	1984	rVB	89946	95662	2.21%	0.281%
21	15.063	2117	2121	2125	rVB	375499	385459	8.90%	1.134%
22	15.757	2234	2239	2246	rBV	829300	1117026	25.81%	3.287%

Sum of corrected areas: 33985765

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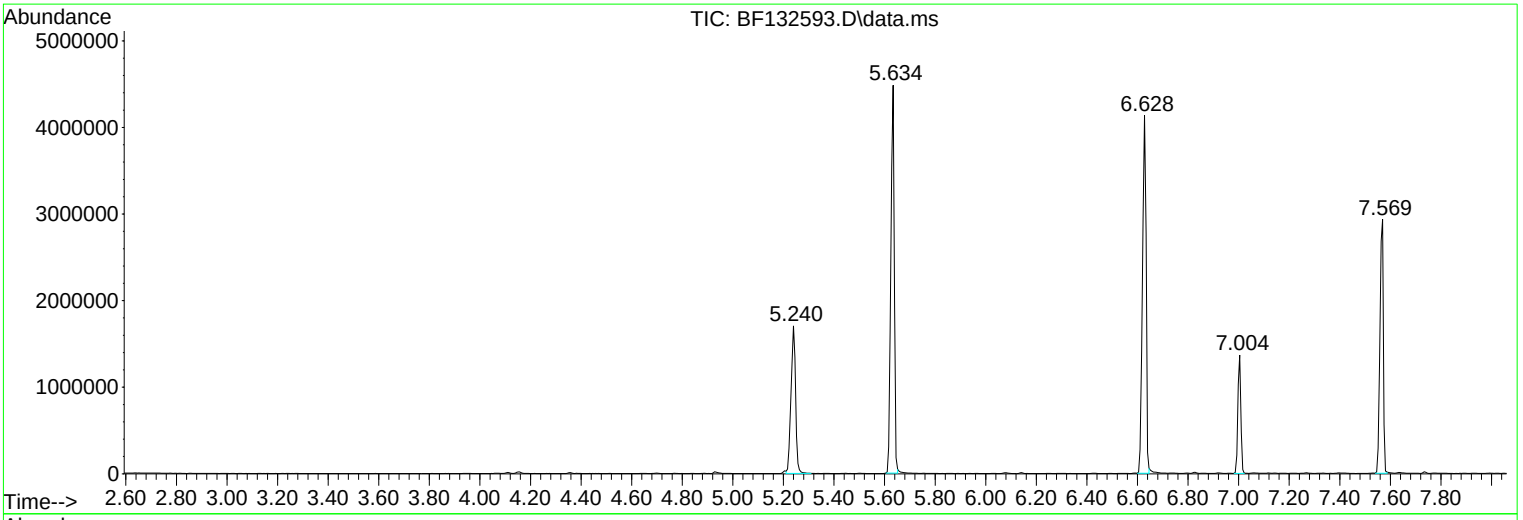
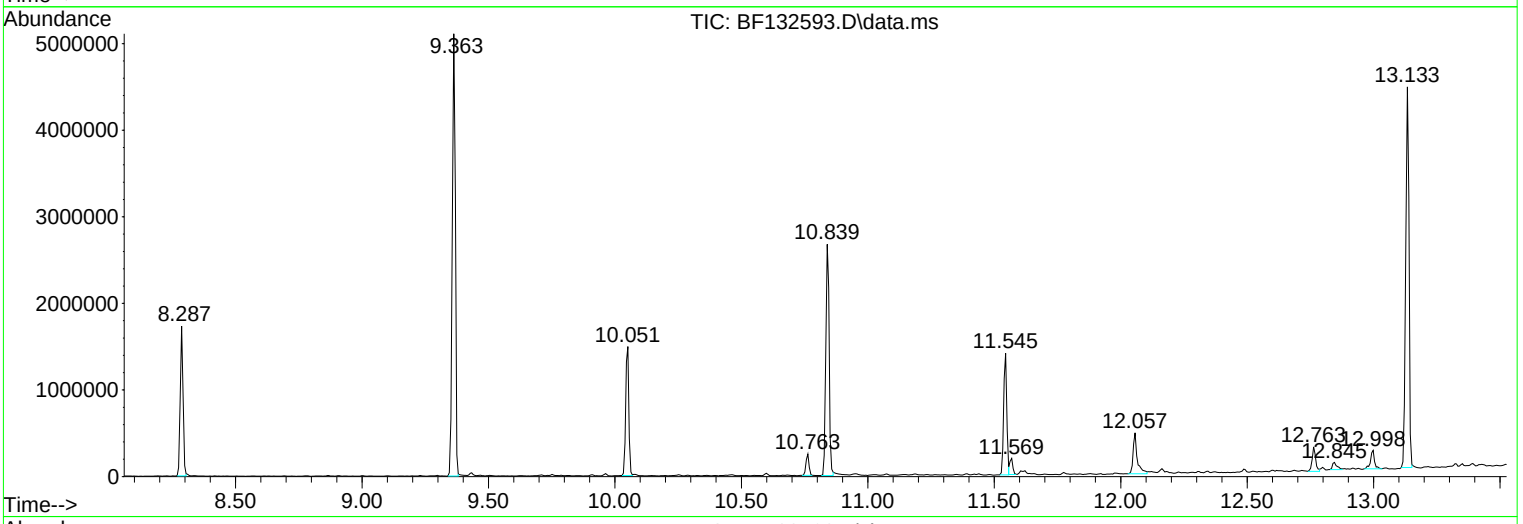
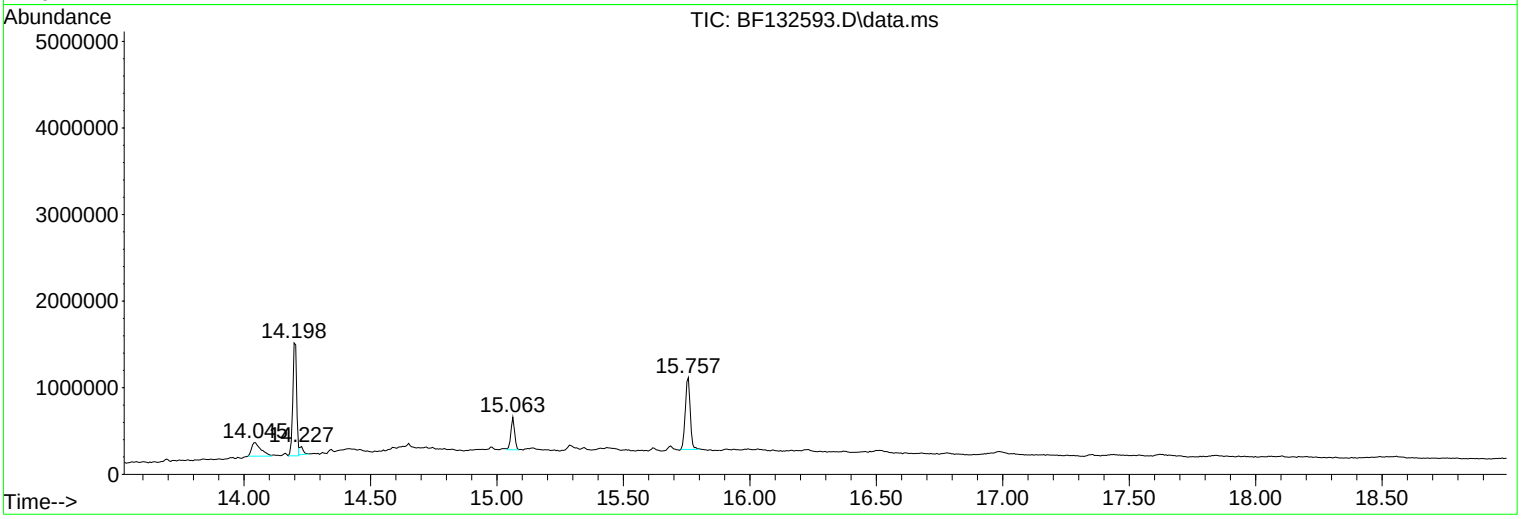
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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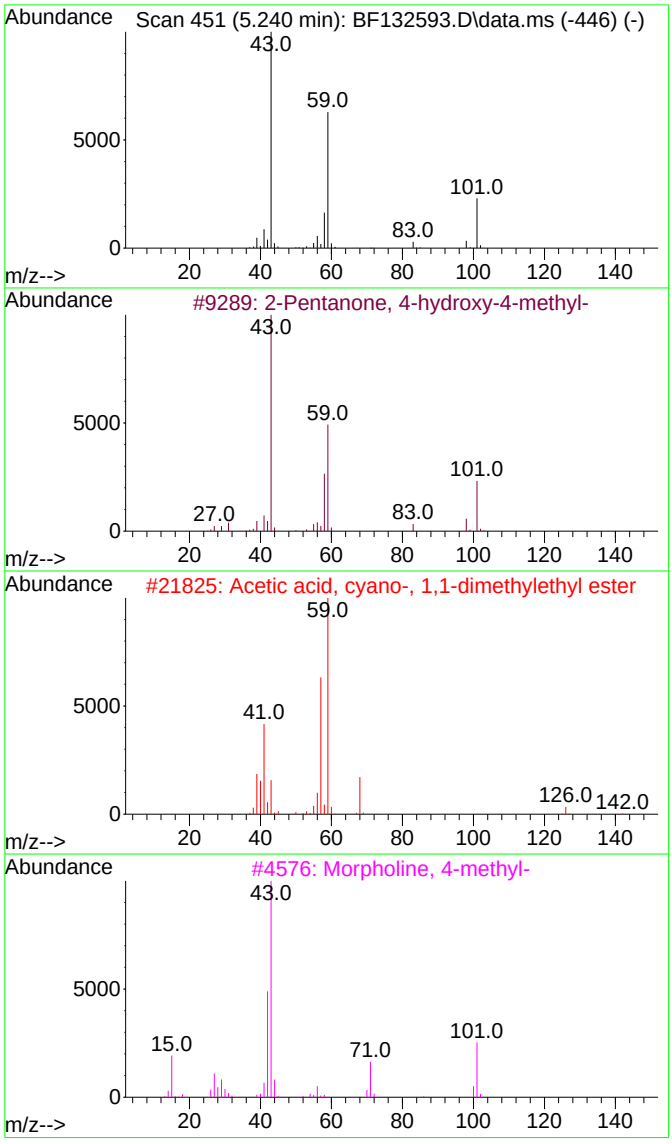
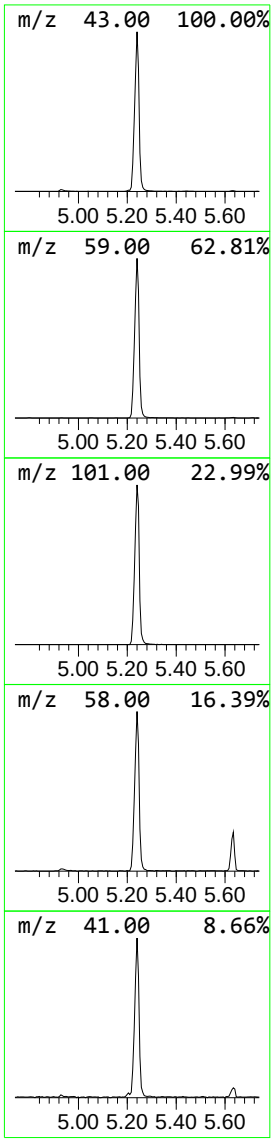
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	38.47 ng	2131380	1,4-Dichlorobenzene-d4	7.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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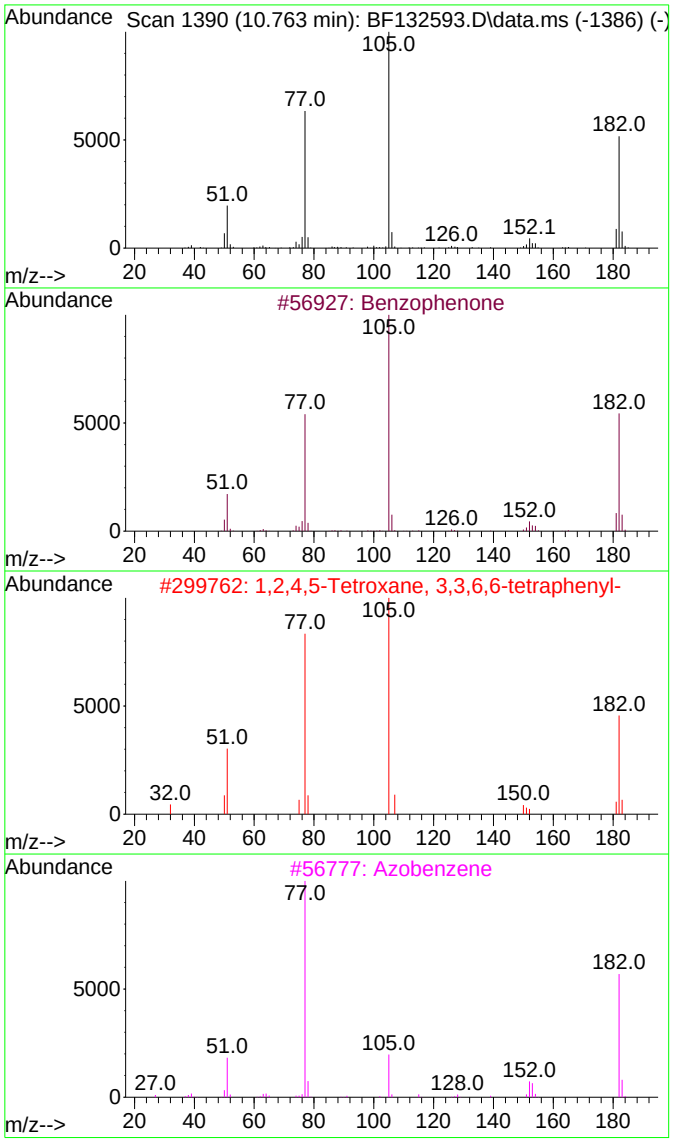
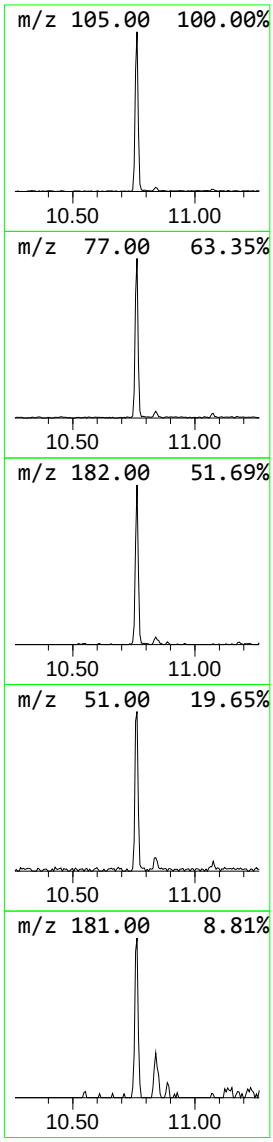
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	3.13 ng	203622	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47





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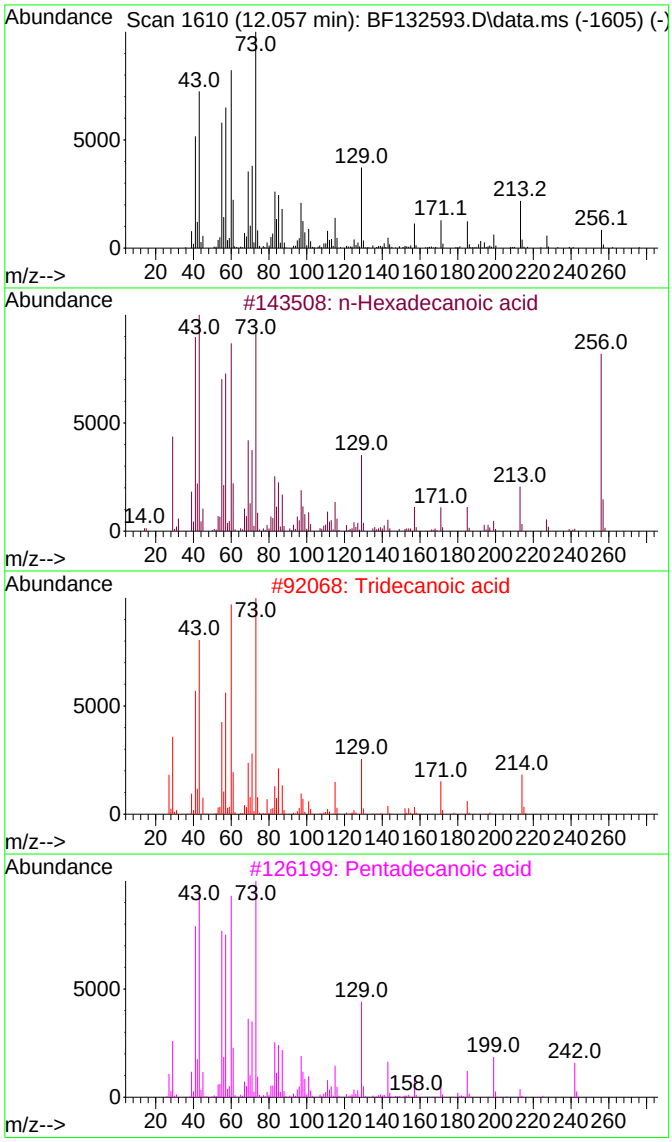
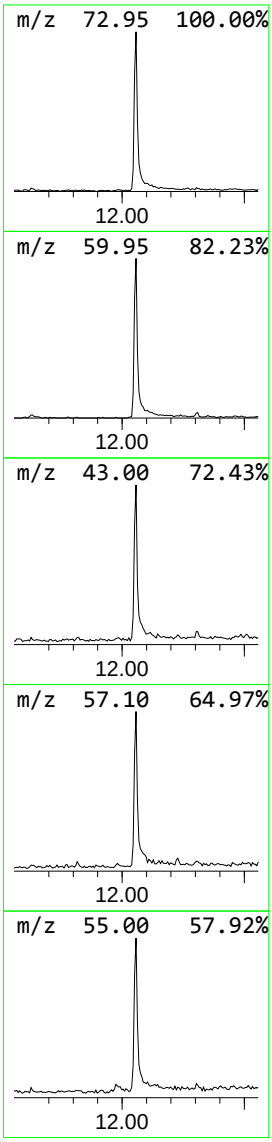
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	8.82 ng	534737	Phenanthrene-d10	11.545

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	50





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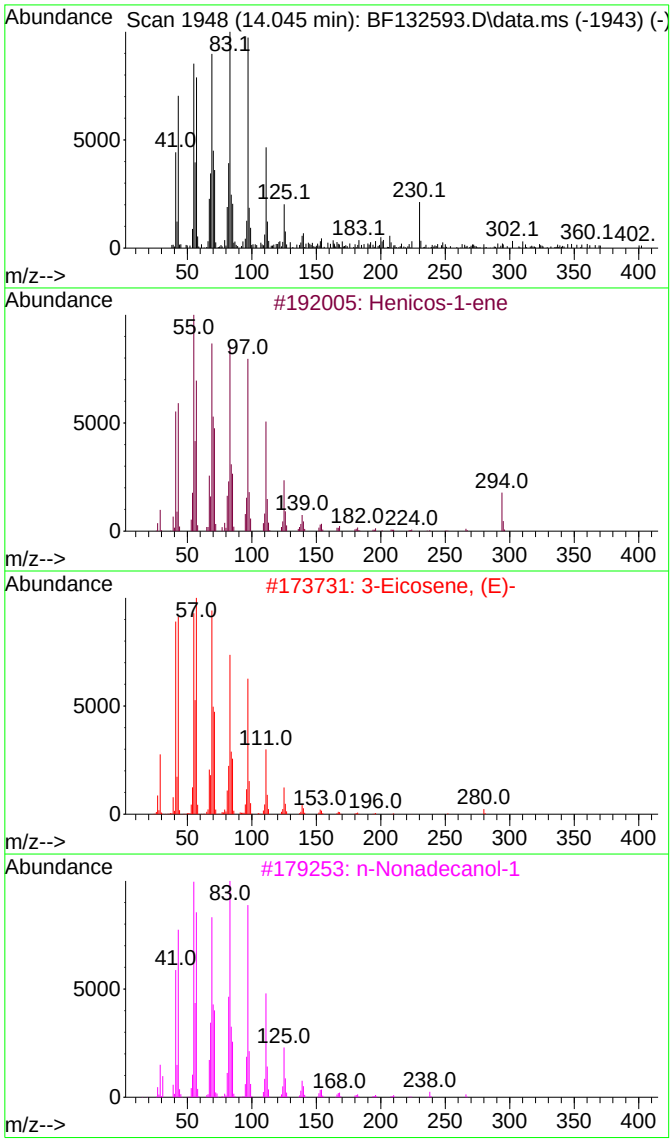
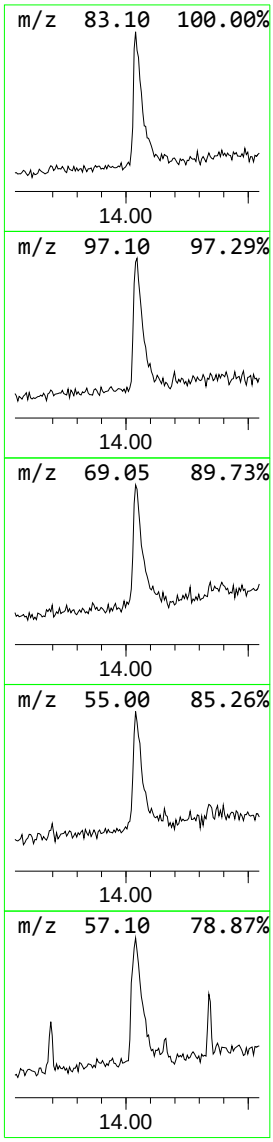
Peak Number 4 Henicos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	5.92 ng	408109	Chrysene-d12	14.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Henicos-1-ene	294	C21H42	001599-68-4	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91





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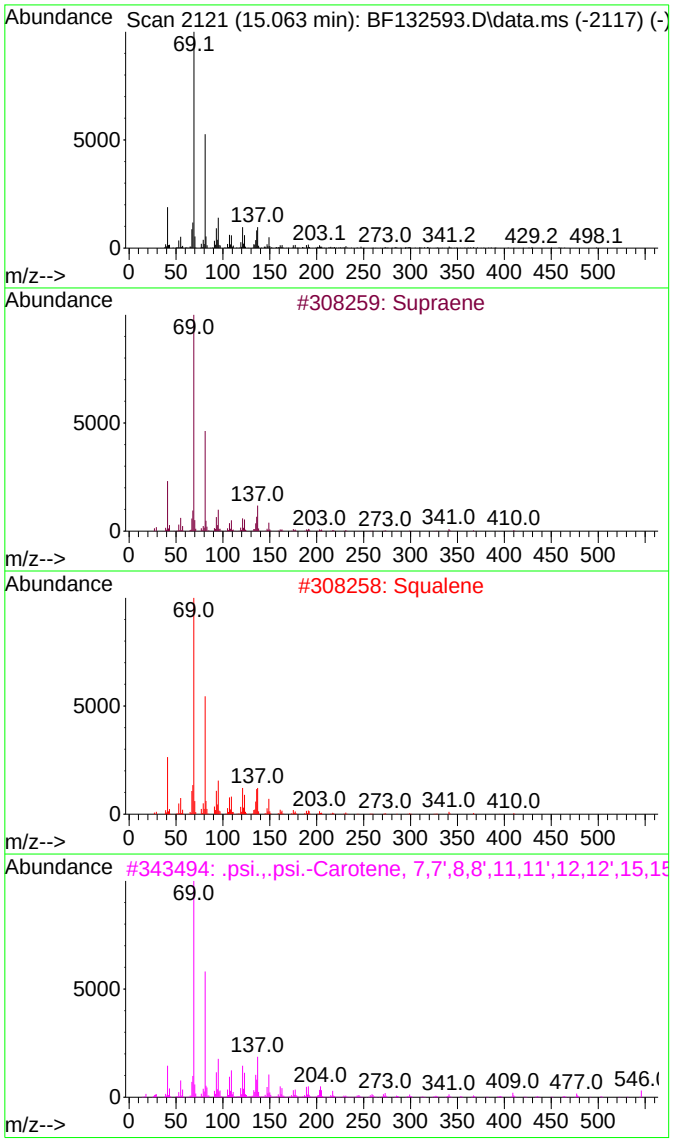
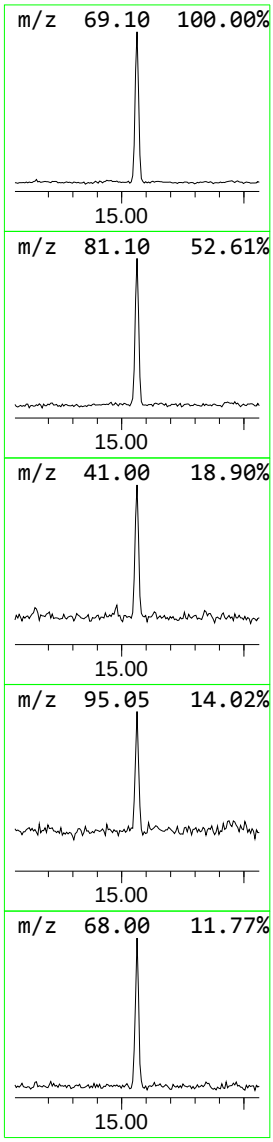
Peak Number 5 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	6.90 ng	385459	Perylene-d12	15.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	84
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





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-...	5.240	38.5	ng	2131380	1	7.004	1108180	20.0
Benzophenone	10.763	3.1	ng	203622	3	10.051	1300040	20.0
n-Hexadecanoic ...	12.057	8.8	ng	534737	4	11.545	1213160	20.0
Henicos-1-ene	14.045	5.9	ng	408109	5	14.204	1379910	20.0
Supraene	15.063	6.9	ng	385459	6	15.757	1117030	20.0