LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003796.D
Acq On : 25 Dec 2015 02:03
Operator : UM/SJ
Sample : G4939-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : L-2-10(0-2)

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:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.804	286	292	306	rBV	258750	365257	19.12%	2.441%
2	5.269	365	371	384	rBV	944873	1356628	71.01%	9.067%
3	6.863	635	642	657	rBV	905615	1420379	74.35%	9.493%
4	7.216	695	702	716	rBV	963282	1520864	79.61%	10.165%
5	7.681	775	781	788	rBB	193856	298971	15.65%	1.998%
6	8.004	829	836	844	rBB	724571	1180126	61.77%	7.887%
7	8.839	971	978	993	rBV	563545	908187	47.54%	6.070%
8	10.469	1248	1255	1268	rBV	264095	435001	22.77%	2.907%
9	12.951	1670	1677	1692	rBV	1306055	1910425	100.00%	12.768%
10	13.792	1814	1820	1830	rBB	170102	228565	11.96%	1.528%
11	14.333	1906	1912	1920	rBB2	353154	539032	28.22%	3.603%
12	15.186	2053	2057	2062	rBB	24099	29130	1.52%	0.195%
13	15.827	2160	2166	2175	rBV	753242	1069510	55.98%	7.148%
14	16.051	2199	2204	2217	rBV	30141	52749	2.76%	0.353%
15	16.845	2335	2339	2343	rBV	15188	20288	1.06%	0.136%
16	17.080	2373	2379	2389	rBV	382084	554921	29.05%	3.709%
17	17.974	2528	2531	2537	rBV	20801	24783	1.30%	0.166%
18	19.721	2822	2828	2833	rBV	1263844	1657267	86.75%	11.076%
19	20.986	3039	3043	3056	rBV	54668	82402	4.31%	0.551%
20	21.280	3088	3093	3102	rBV	468105	577875	30.25%	3.862%
21	22.450	3287	3292	3298	rVB	105703	135231	7.08%	0.904%
22	23.515	3466	3473	3487	rBV2	313222	575355	30.12%	3.845%
23	24.115	3570	3575	3582	rBV4	9222	19328	1.01%	0.129%

Sum of corrected areas: 14962274

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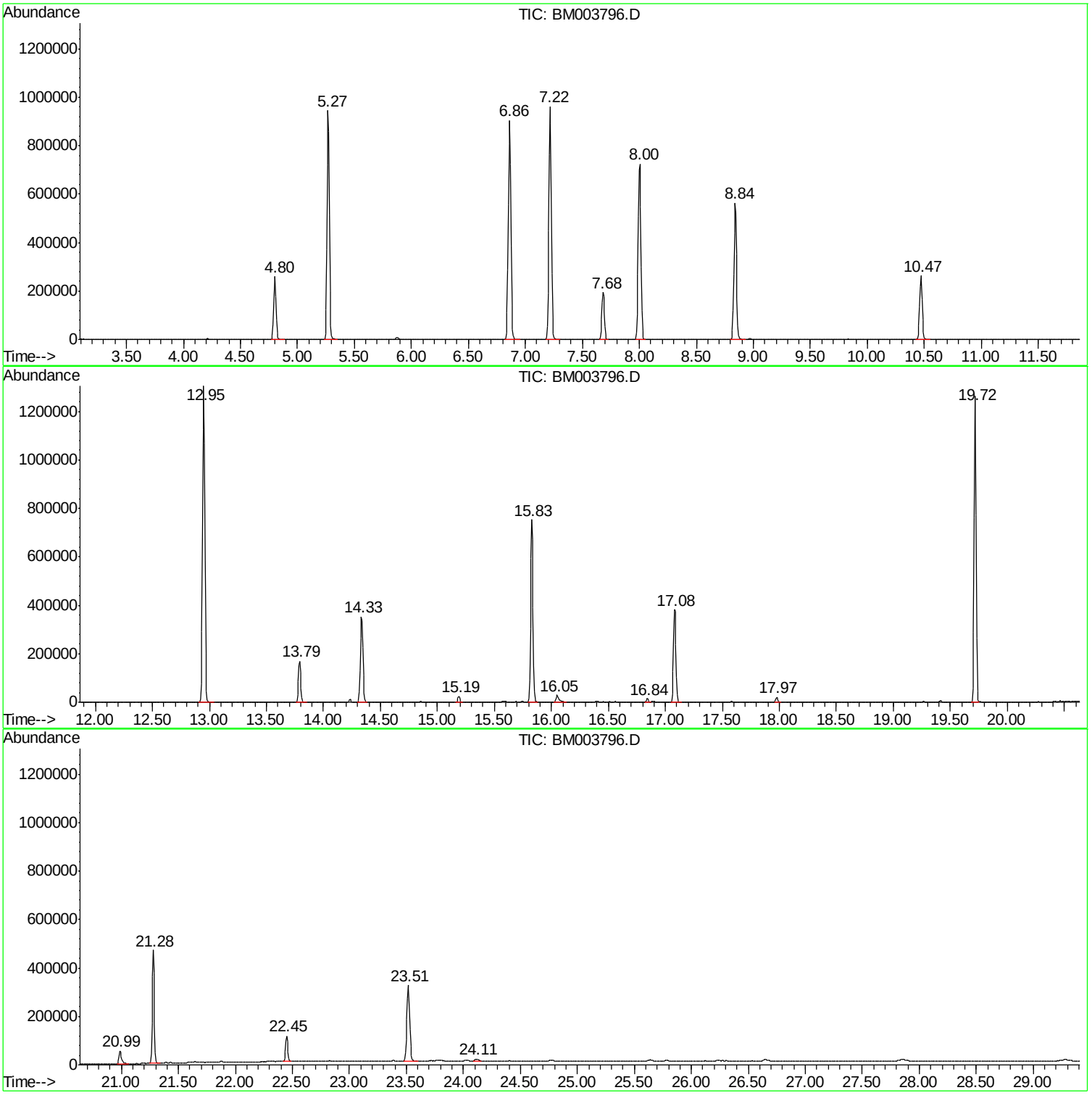
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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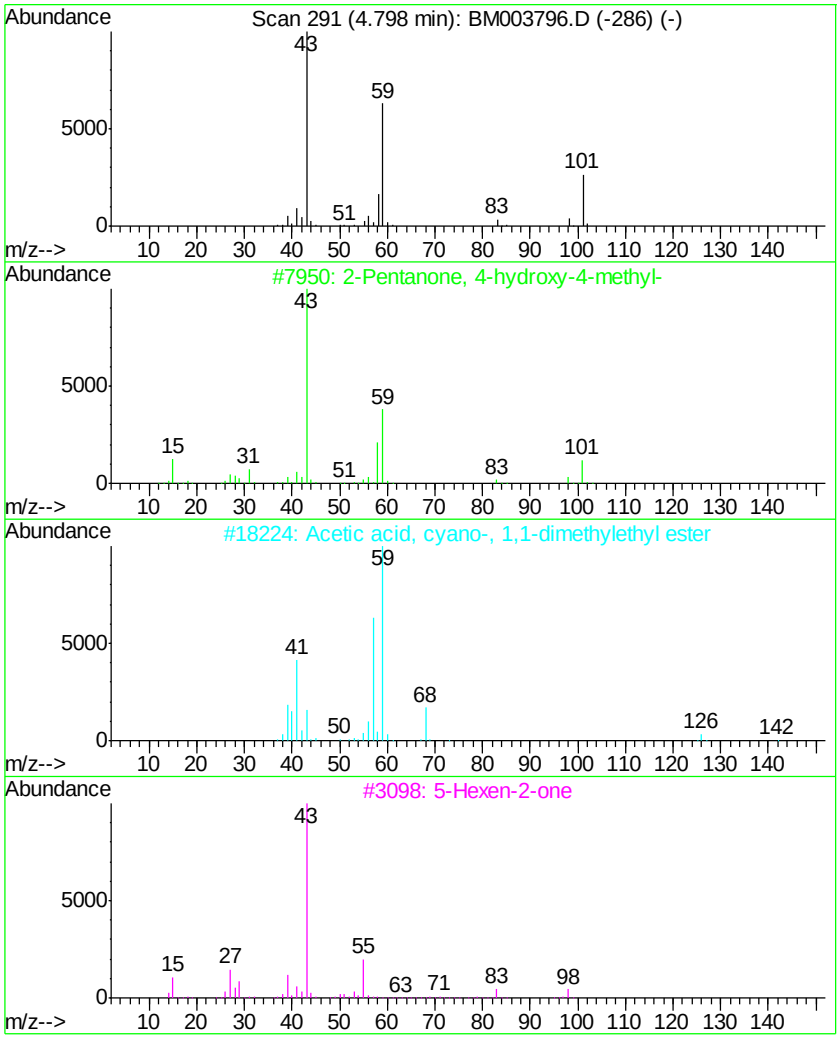
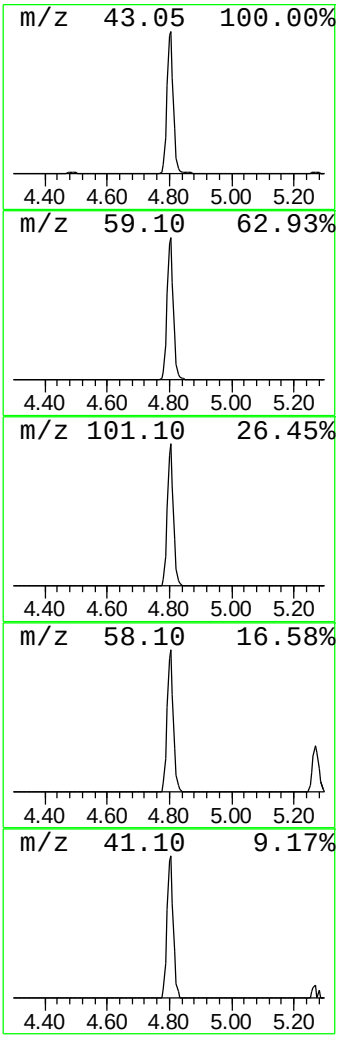
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	24.43 ng	365257	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
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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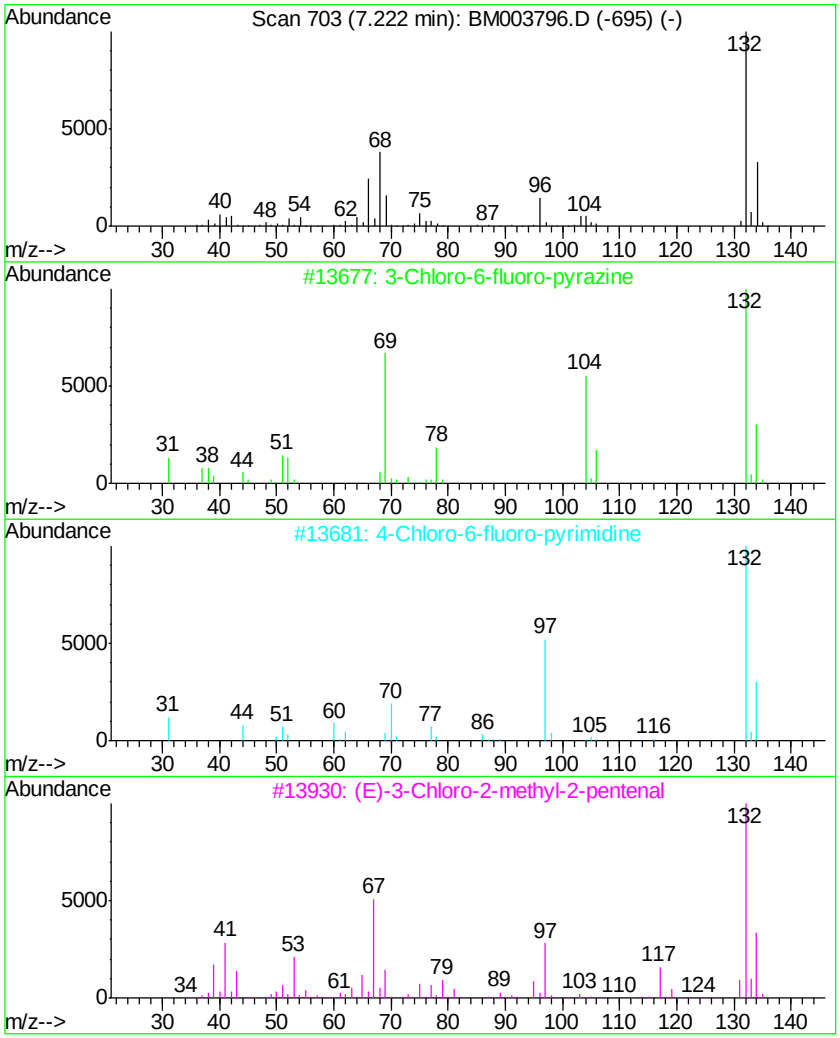
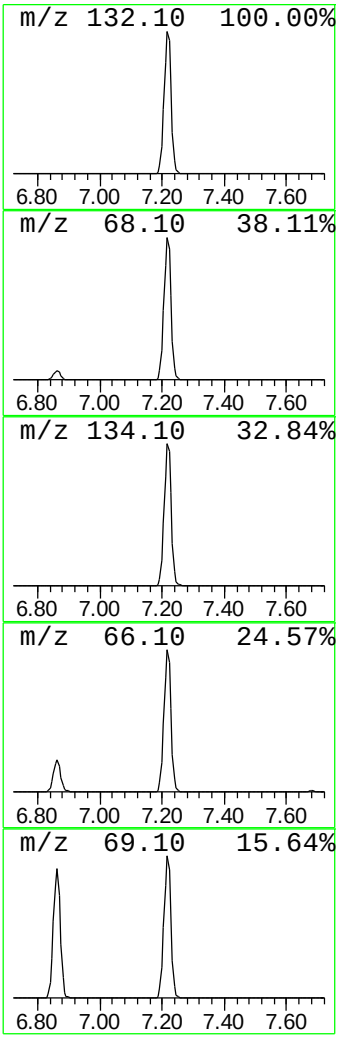
Peak Number 2 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	101.74 ng	1520860	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : G4939-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : L-2-10(0-2)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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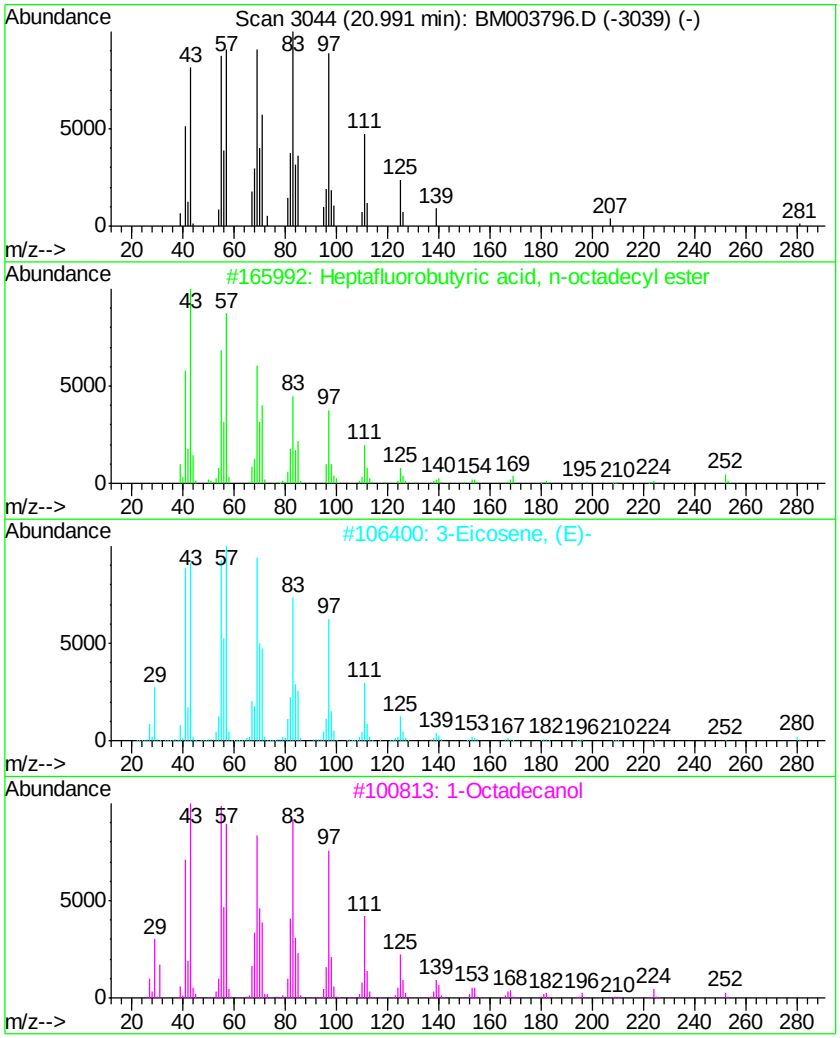
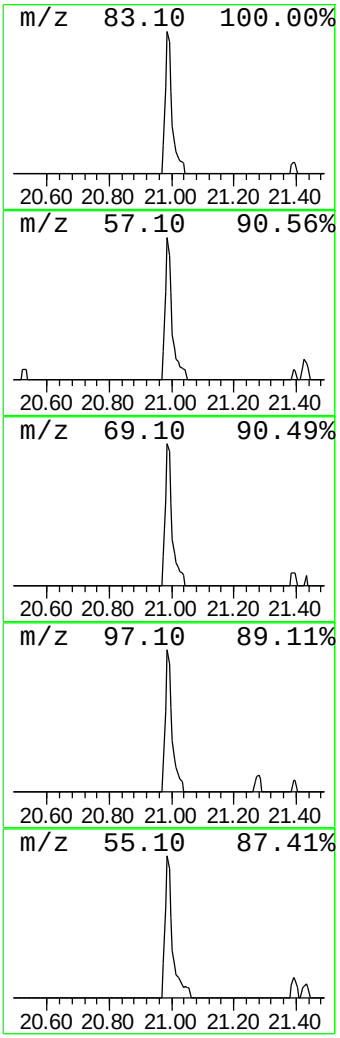
Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.85 ng	82402	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	87





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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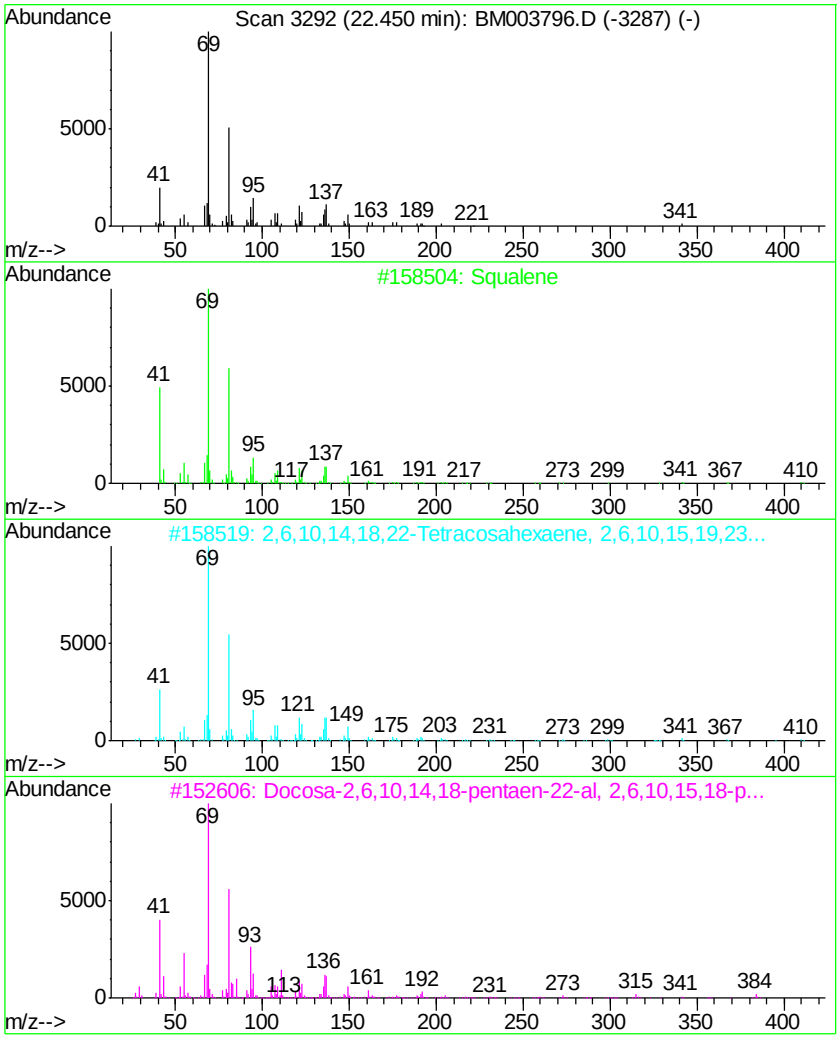
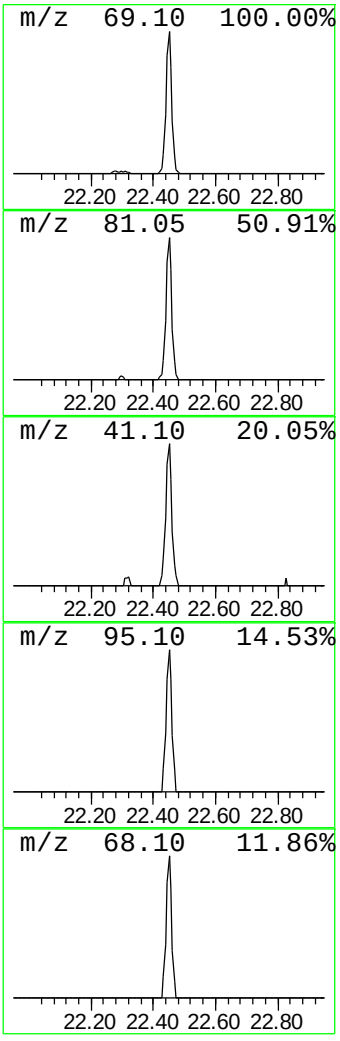
Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.70 ng	135231	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	24.4	ng	365257	1	7.68	298971	20.0
unknown7.22	7.22	101.7	ng	1520860	1	7.68	298971	20.0
Heptafluorobutyri...	20.99	2.9	ng	82402	5	21.28	577875	20.0
Squalene	22.45	4.7	ng	135231	6	23.51	575355	20.0