LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099901.D
Acq On : 28 Oct 2017 3:21
Operator : SJ/JU
Sample : I6029-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-118-3(0-5)

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_F\METHODS\8270-BF102317.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	5.016	495	498	515	rBV	175879	281625	13.65%	1.669%
2	5.422	563	567	587	rBV	1508470	1687679	81.79%	9.999%
3	6.439	736	740	758	rBV	1674929	1756528	85.12%	10.407%
4	6.569	758	762	774	rVB	2040225	1796694	87.07%	10.645%
5	6.792	797	800	810	rBV	589006	506500	24.55%	3.001%
6	6.951	823	827	840	rBV	1574788	1452860	70.41%	8.608%
7	7.363	893	897	921	rBV	1143821	1090553	52.85%	6.461%
8	8.075	1015	1018	1037	rBV	797588	705328	34.18%	4.179%
9	8.639	1111	1114	1121	rBV	53325	52048	2.52%	0.308%
10	9.157	1196	1202	1205	rBV	2278685	2063499	100.00%	12.226%
11	9.551	1266	1269	1283	rBV	293261	263500	12.77%	1.561%
12	9.839	1314	1318	1330	rVB	789873	752722	36.48%	4.460%
13	10.551	1436	1439	1449	rVB	202299	166564	8.07%	0.987%
14	10.633	1449	1453	1467	rBV	1025362	946402	45.86%	5.607%
15	11.333	1568	1572	1581	rBV	720695	662938	32.13%	3.928%
16	12.786	1813	1819	1824	rVB	25955	32069	1.55%	0.190%
17	12.915	1837	1841	1844	rBV	1568971	1359891	65.90%	8.057%
18	13.798	1987	1991	2002	rBV	41077	56575	2.74%	0.335%
19	13.986	2019	2023	2031	rBV	486647	473327	22.94%	2.804%
20	14.715	2143	2147	2156	rBV	198843	201729	9.78%	1.195%
21	15.051	2198	2204	2208	rBV2	16298	37841	1.83%	0.224%
22	15.456	2269	2273	2284	rVB	375195	482464	23.38%	2.859%
23	15.845	2334	2339	2345	rBV2	16562	22886	1.11%	0.136%
24	16.333	2418	2422	2427	rBV7	13934	25685	1.24%	0.152%

Sum of corrected areas: 16877907

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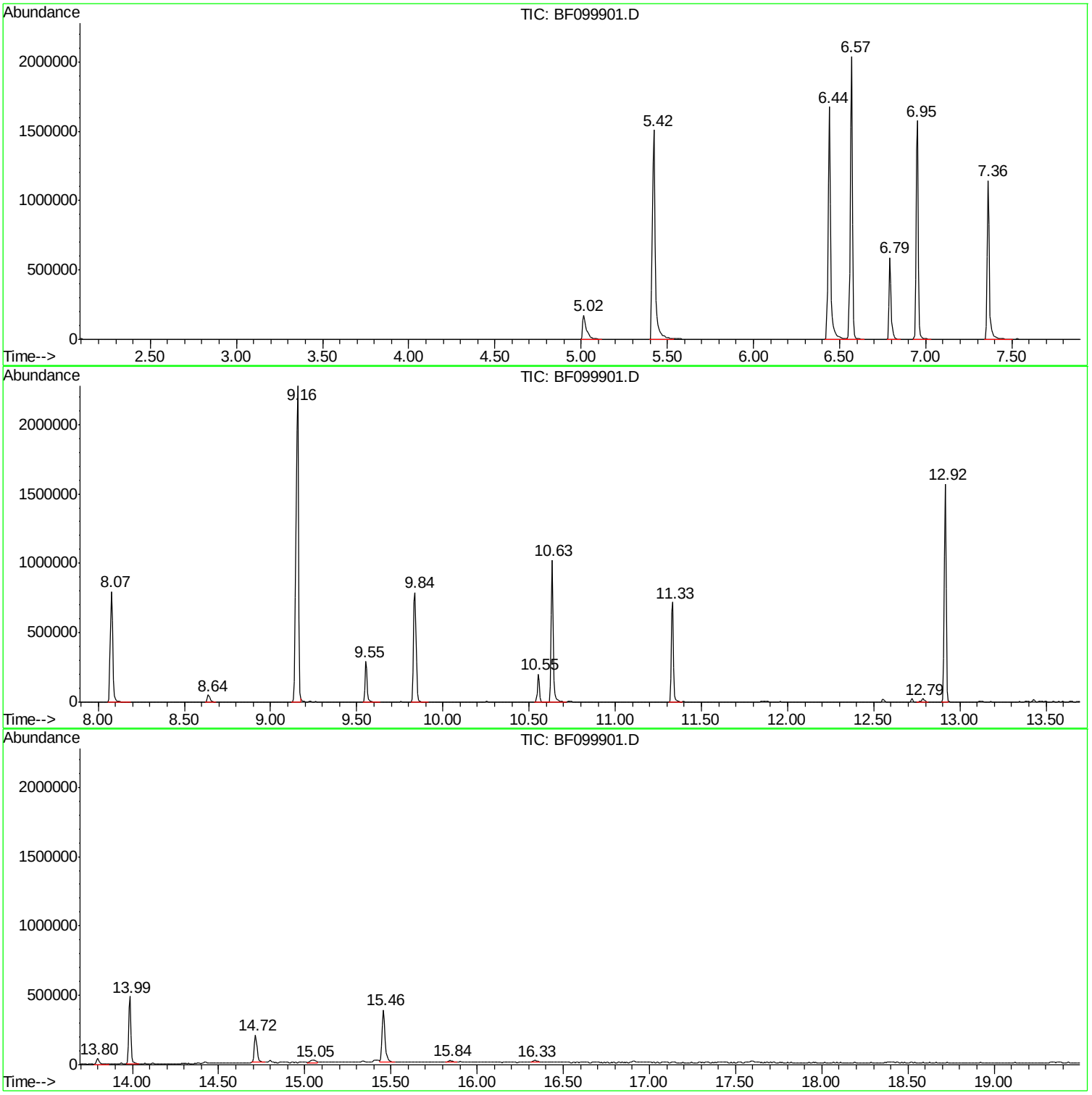
ENV-118-3(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-118-3(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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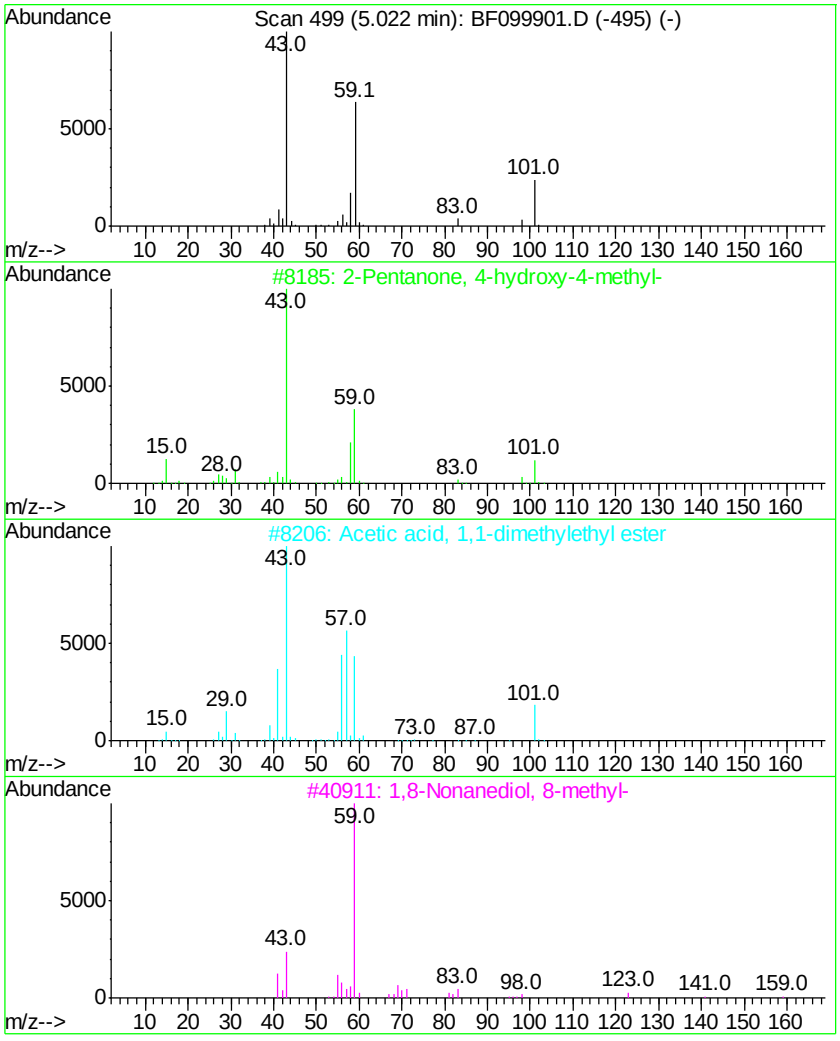
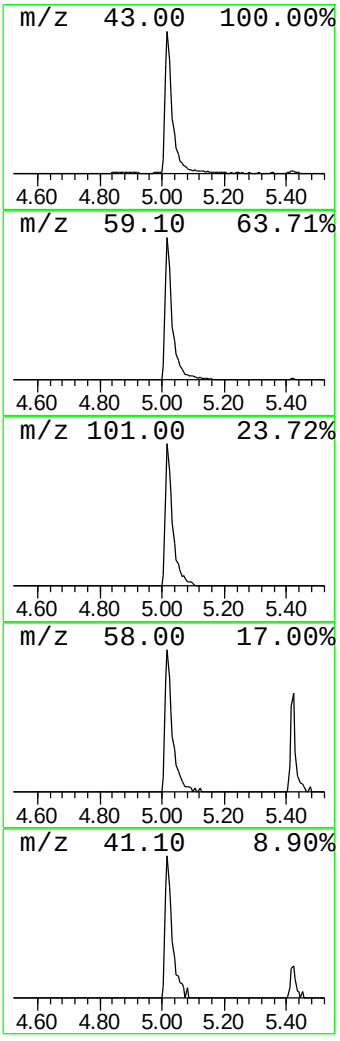
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	11.12 ng	281625	1,4-Dichlorobenzene-d4	6.79

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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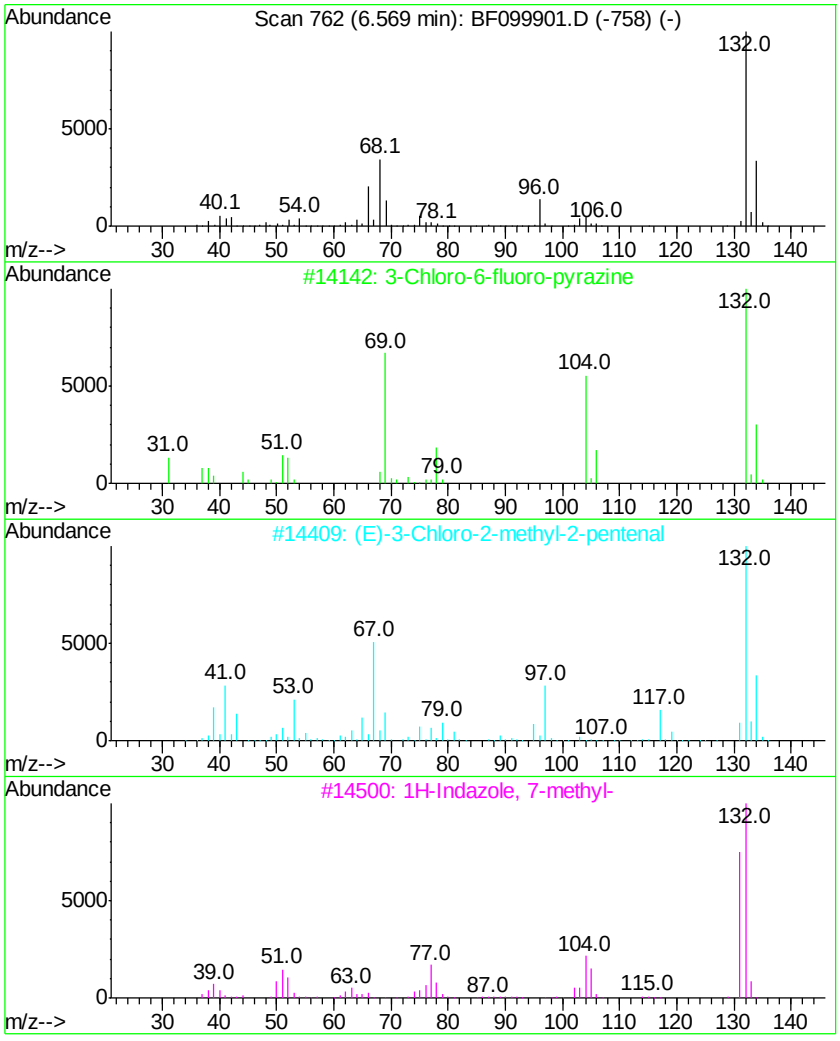
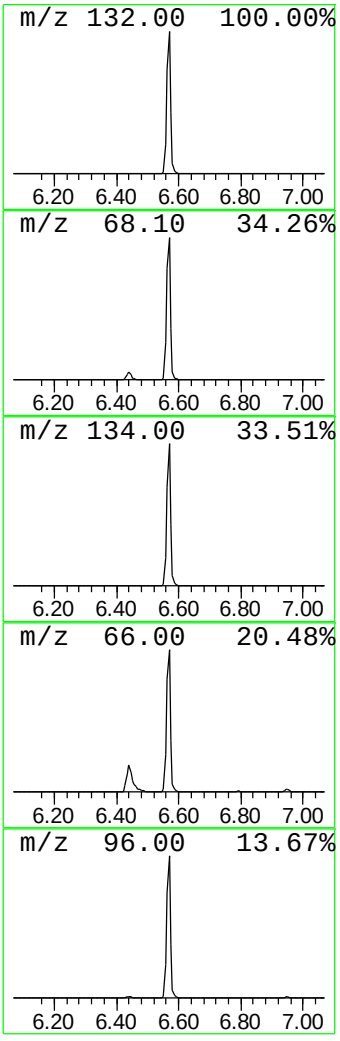
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.95 ng	1796690	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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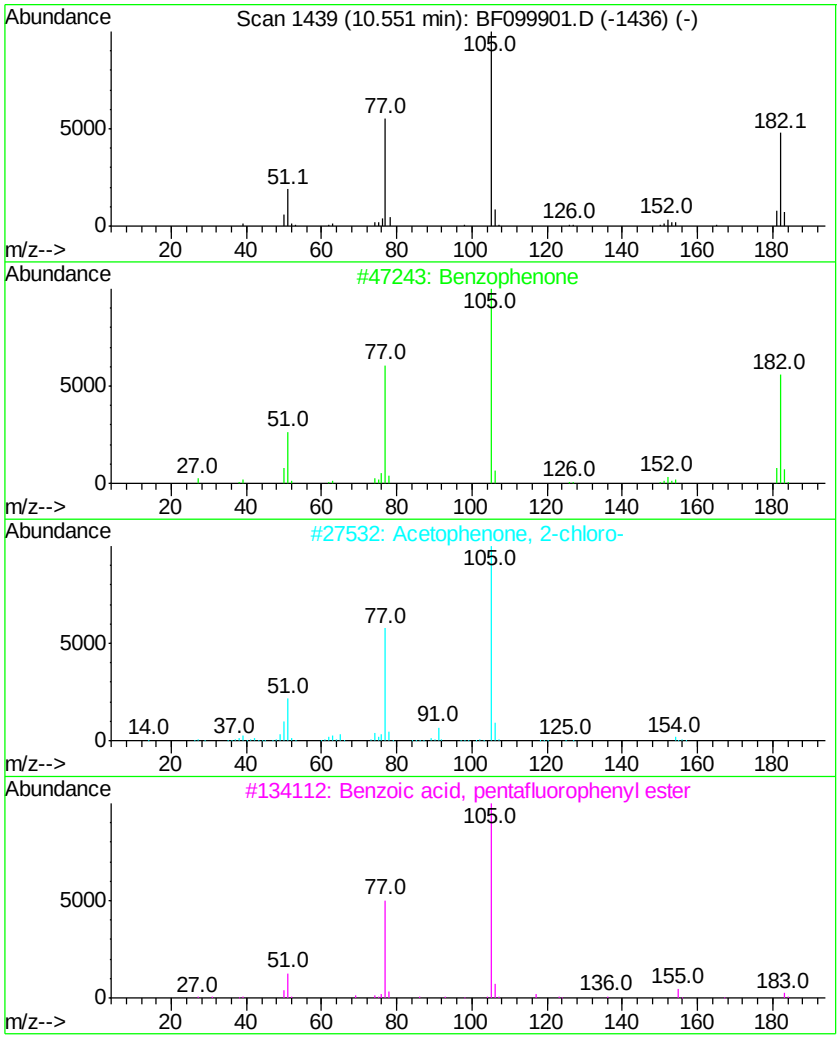
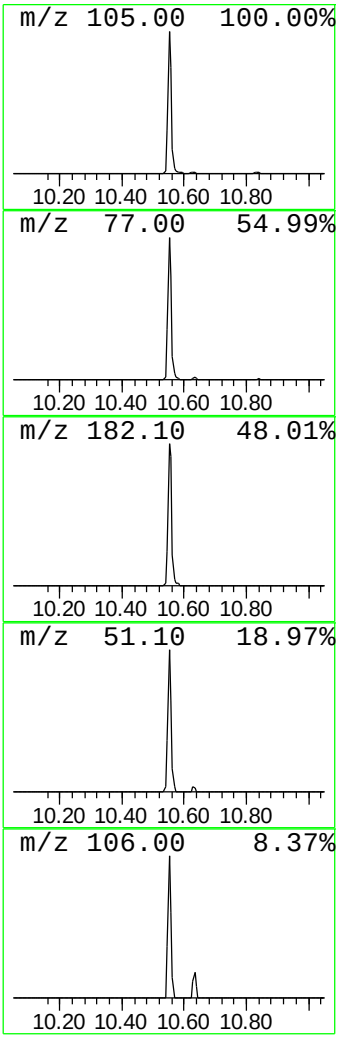
Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.43 ng	166564	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43





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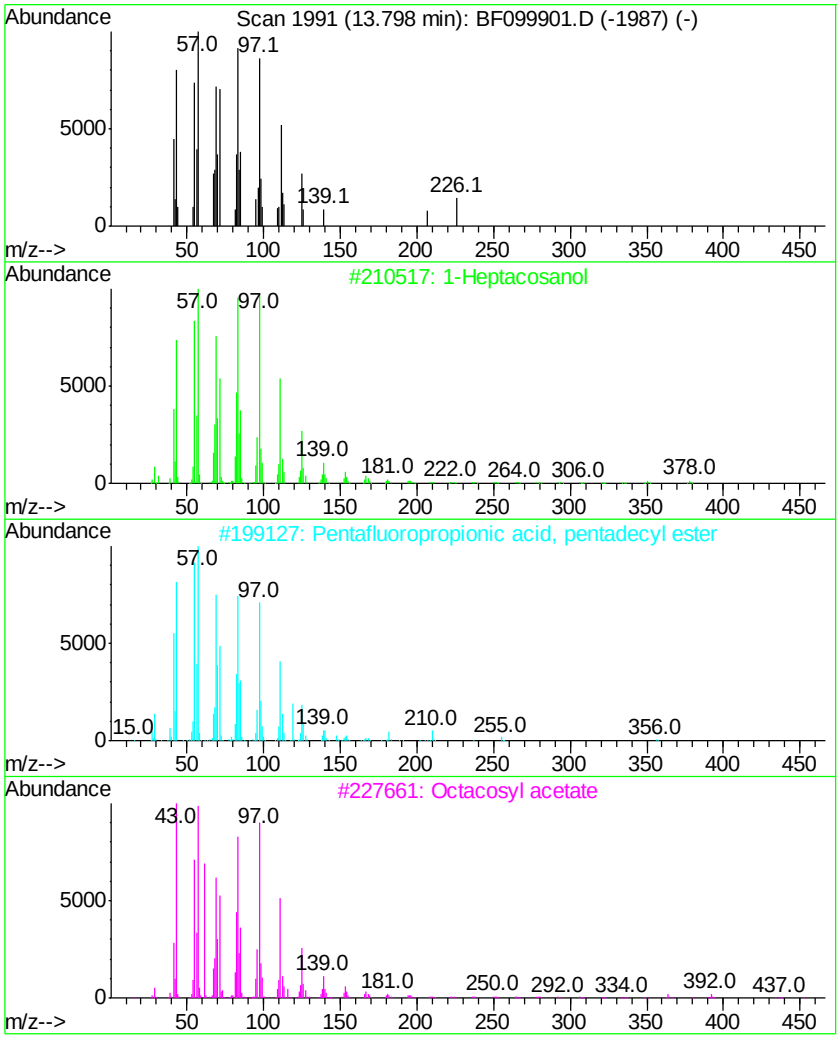
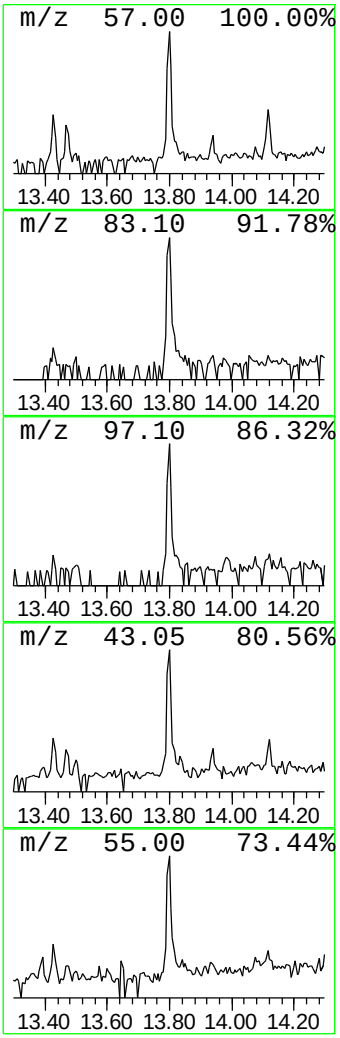
Peak Number 5 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.39 ng	56575	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Octacosyl acetate	452	C30H60O2	018206-97-8	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	1-Docosene	308	C22H44	001599-67-3	91





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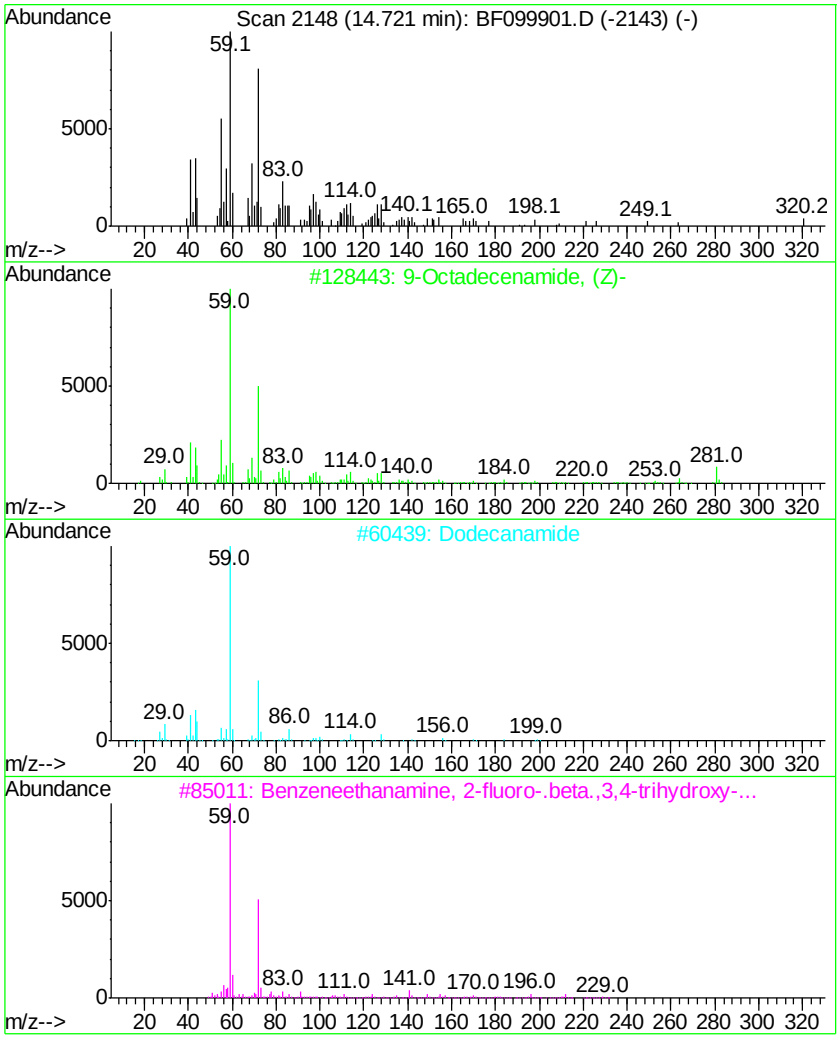
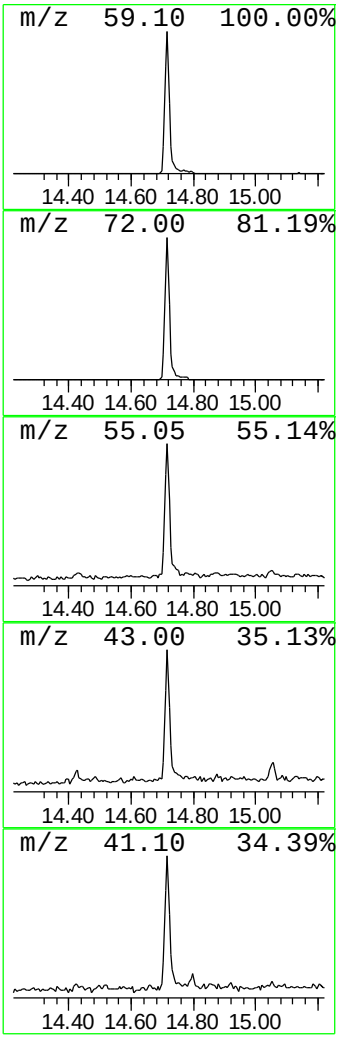
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	8.52 ng	201729	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	50
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	47
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





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-hy...	5.02	11.1	ng	281625	1	6.79	506500	20.0
unknown6.57	6.57	71.0	ng	1796690	1	6.79	506500	20.0
Benzophenone	10.55	4.4	ng	166564	3	9.84	752722	20.0
1-Heptacosanol	13.80	2.4	ng	56575	5	13.99	473327	20.0
9-Octadecenamide,...	14.72	8.5	ng	201729	5	13.99	473327	20.0