LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117898.D
Acq On : 20 Nov 2019 17:33
Operator : JU
Sample : K5927-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7

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-BF111319.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	2.181	11	16	26	rVB	596239	749313	21.45%	2.371%
2	5.122	507	516	523	rBV	473688	543247	15.55%	1.719%
3	5.528	580	585	588	rBV	2767531	2498365	71.52%	7.904%
4	6.539	752	757	771	rVB	2703011	2845481	81.46%	9.002%
5	6.681	777	781	785	rBV	3217799	2896818	82.93%	9.165%
6	6.916	817	821	824	rBV	1397959	1066448	30.53%	3.374%
7	7.075	844	848	851	rBV	2711445	2303987	65.96%	7.289%
8	7.475	912	916	919	rBV	1940445	1773980	50.78%	5.612%
9	8.204	1036	1040	1043	rBV	1807168	1400834	40.10%	4.432%
10	9.280	1219	1223	1227	rBV	4105568	3493213	100.00%	11.052%
11	9.675	1286	1290	1295	rBV	618341	495293	14.18%	1.567%
12	9.969	1336	1340	1347	rBV	1911590	1671847	47.86%	5.289%
13	10.757	1470	1474	1486	rBV	2507204	2206847	63.18%	6.982%
14	11.457	1589	1593	1596	rBV	1719444	1573148	45.03%	4.977%
15	11.480	1596	1597	1600	rVV	86568	57056	1.63%	0.181%
16	11.527	1600	1605	1609	rVB3	41194	54326	1.56%	0.172%
17	11.974	1676	1681	1690	rBV	325899	405287	11.60%	1.282%
18	12.674	1797	1800	1805	rBV	100259	98874	2.83%	0.313%
19	12.768	1813	1816	1820	rBV2	94803	111854	3.20%	0.354%
20	12.904	1834	1839	1846	rBV	85676	142947	4.09%	0.452%
21	13.045	1859	1863	1867	rBV	3067204	2739945	78.44%	8.668%
22	13.951	2014	2017	2028	rBV3	159124	337953	9.67%	1.069%
23	14.104	2040	2043	2047	rBV	1139687	1110414	31.79%	3.513%
24	15.615	2296	2300	2312	rBV	758080	1030871	29.51%	3.261%

Sum of corrected areas: 31608348

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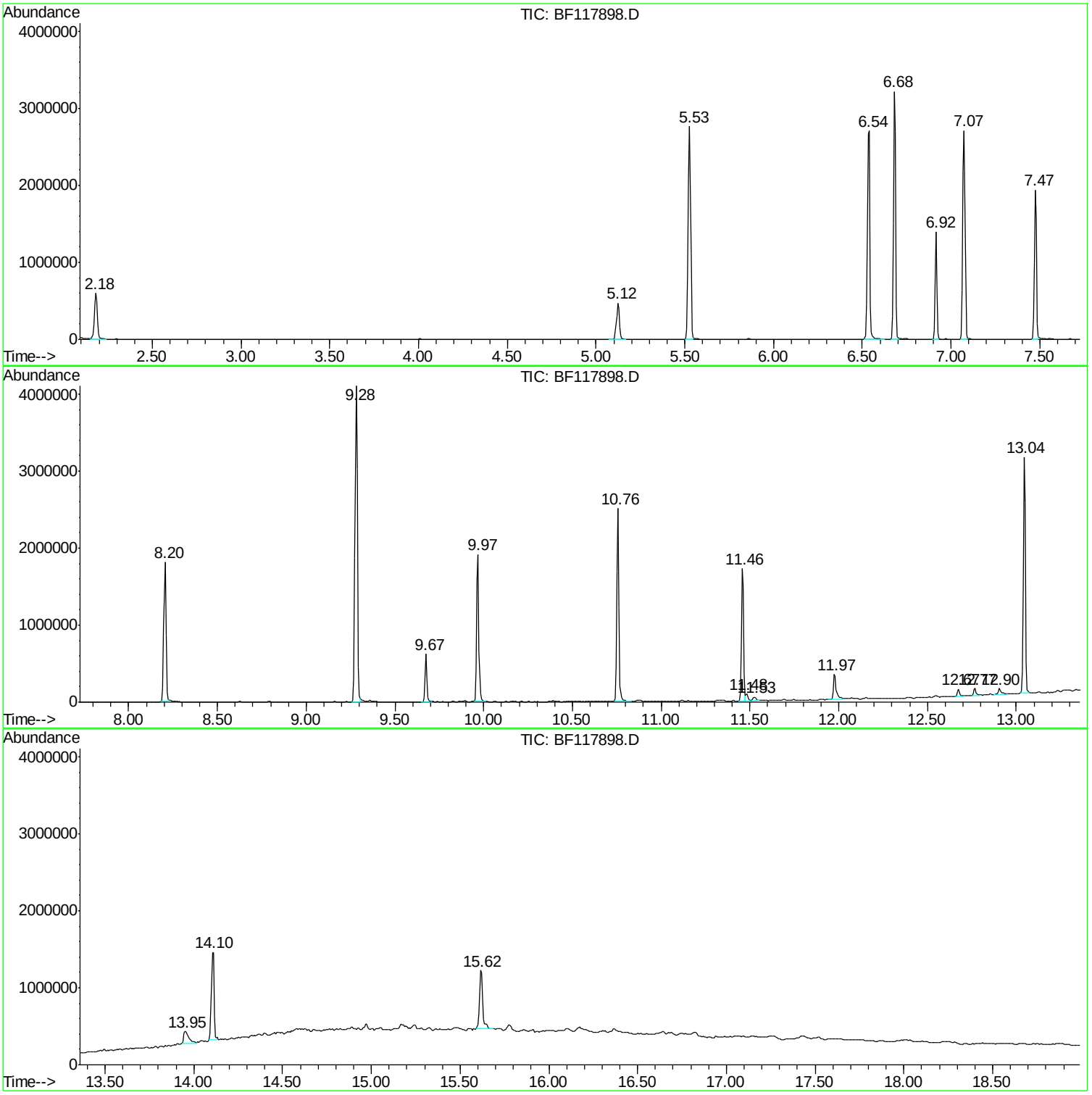
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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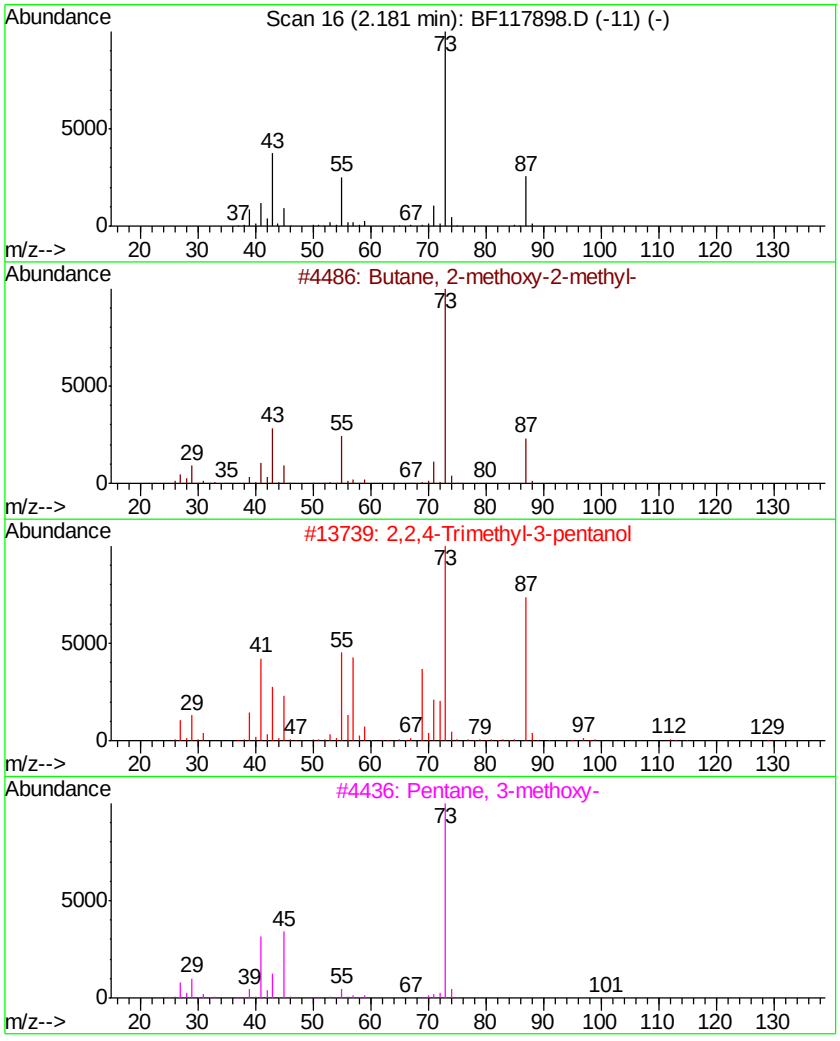
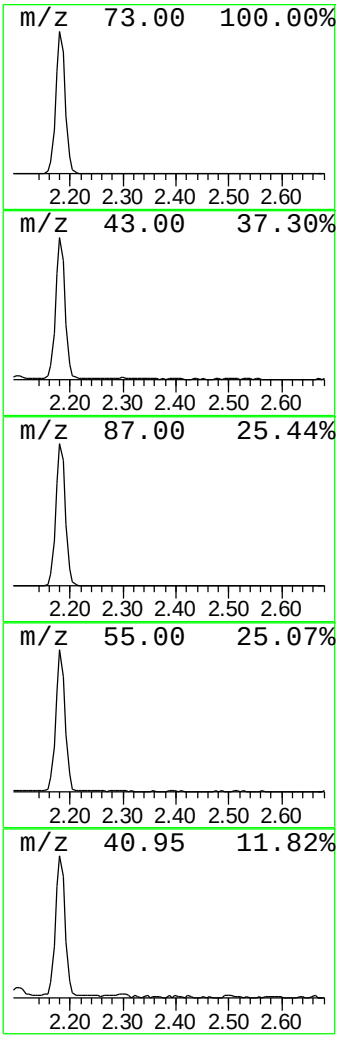
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	14.05 ng	749313	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : B-7

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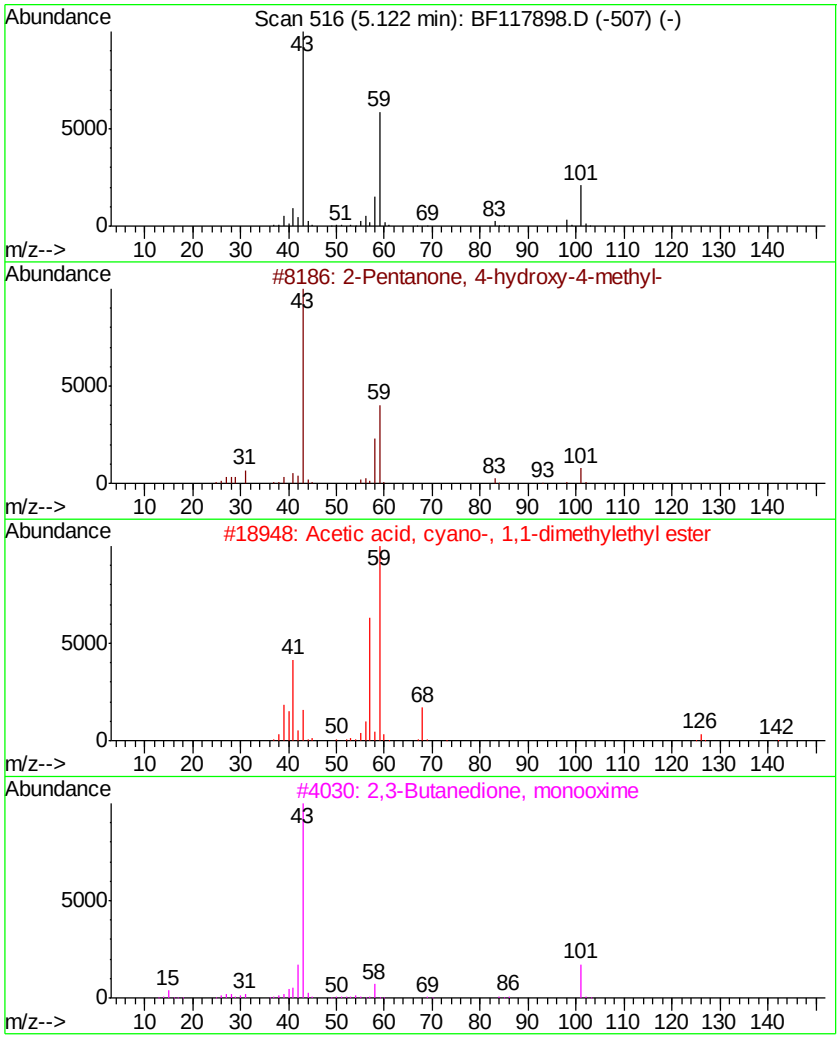
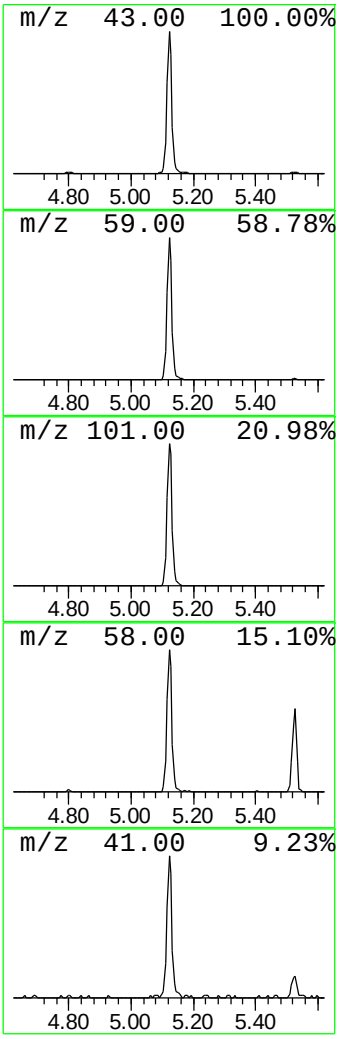
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	10.19 ng	543247	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : JU
Sample : K5927-09
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7

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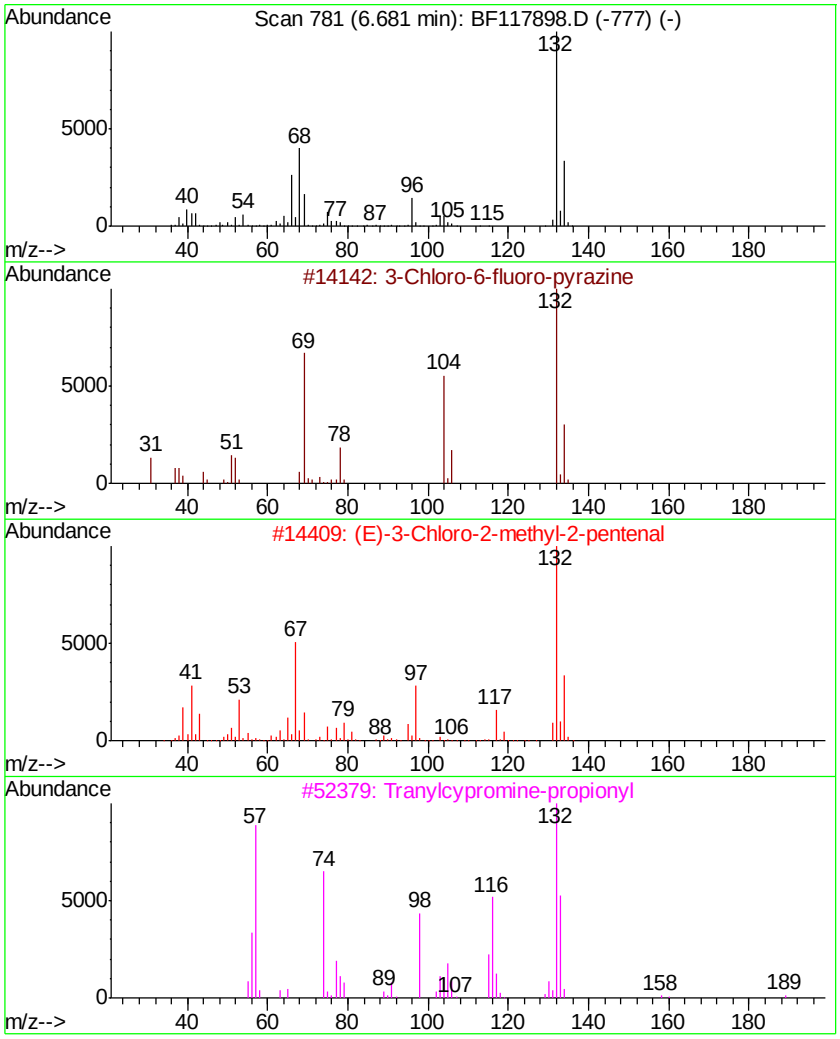
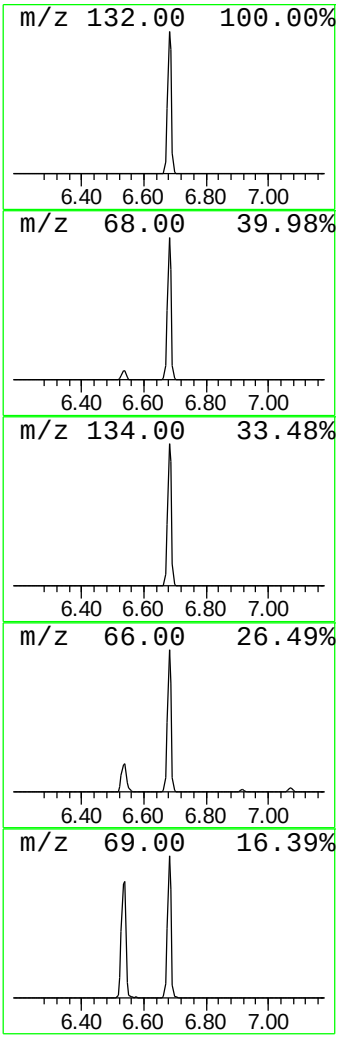
Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	54.33 ng	2896820	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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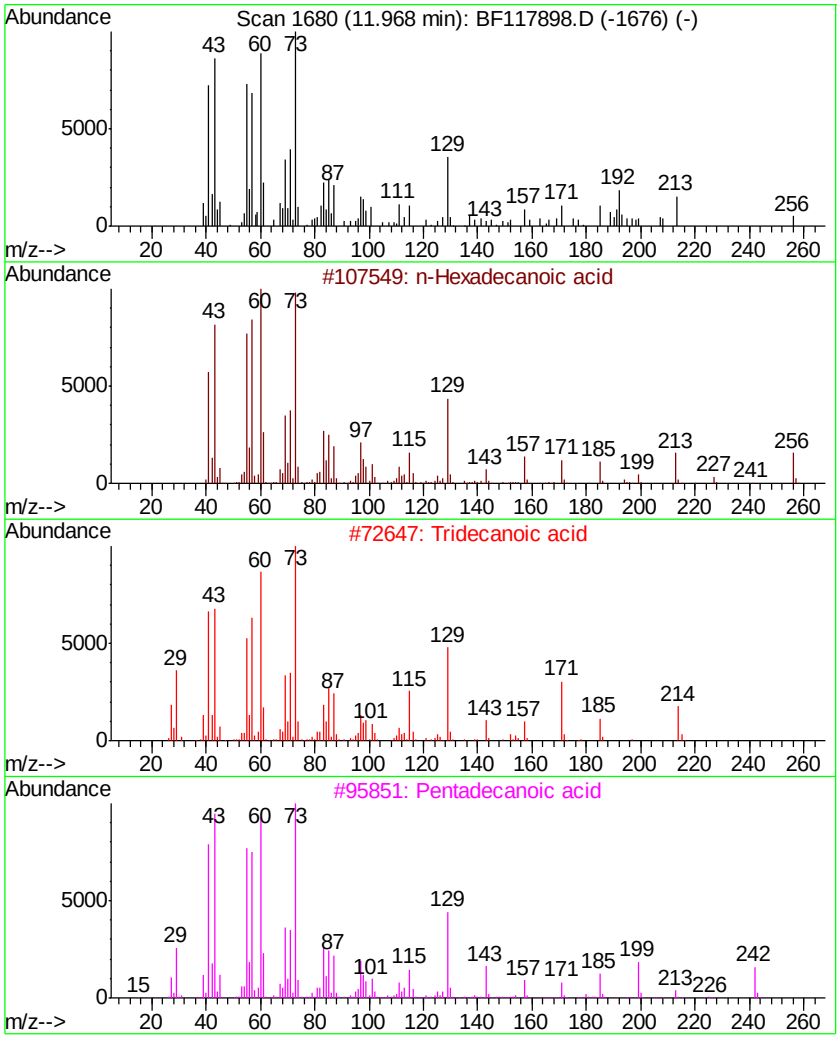
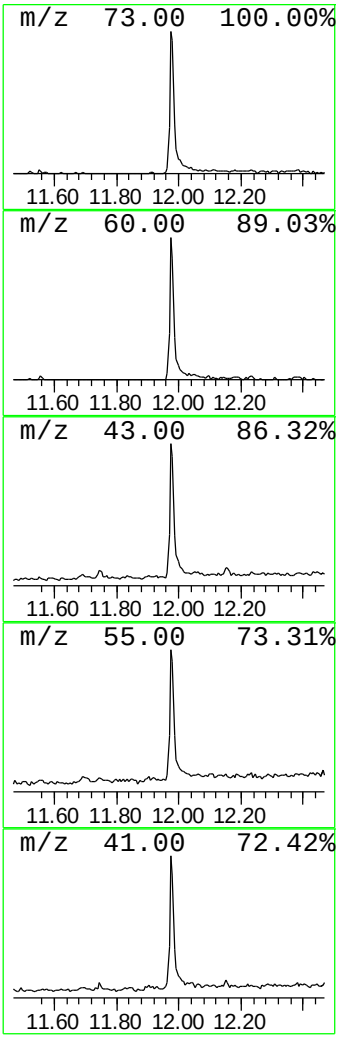
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.15 ng	405287	Phenanthrene-d10	11.46

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





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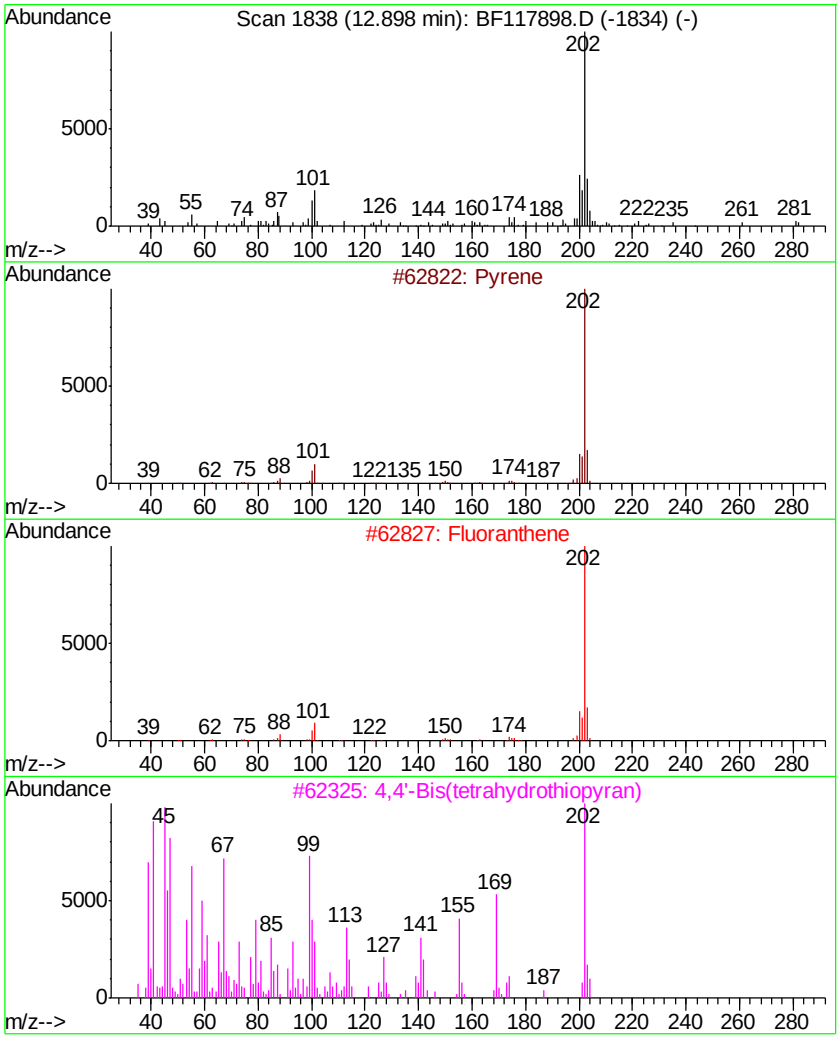
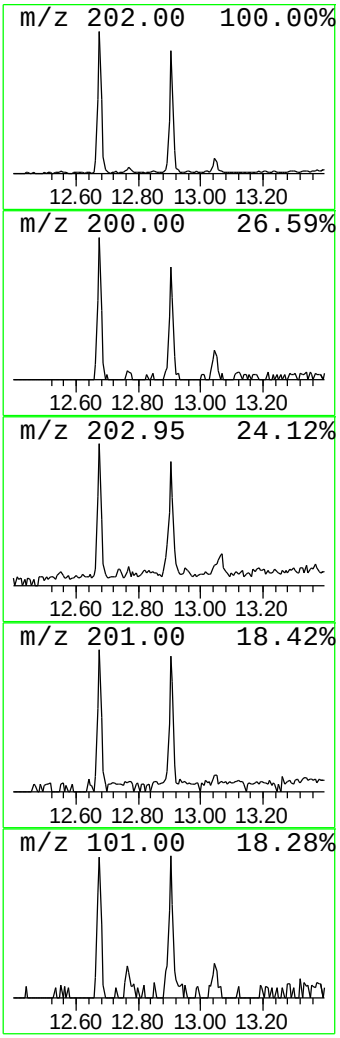
****

Peak Number 6 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.57 ng	142947	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	95
2	Fluoranthene	202	C16H10	000206-44-0	93
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	64
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	58
5	5-Ethyl-5-phenyl-4-iminobarbitur...	231	C12H13N3O2	1000306-49-4	38





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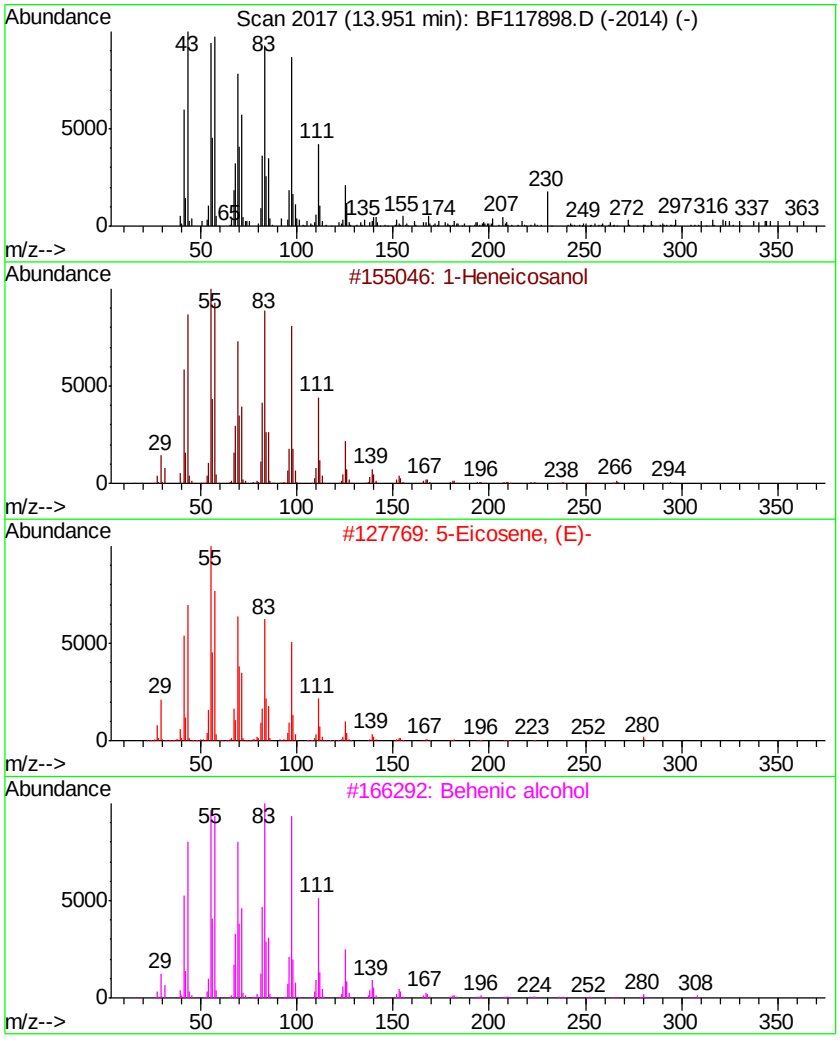
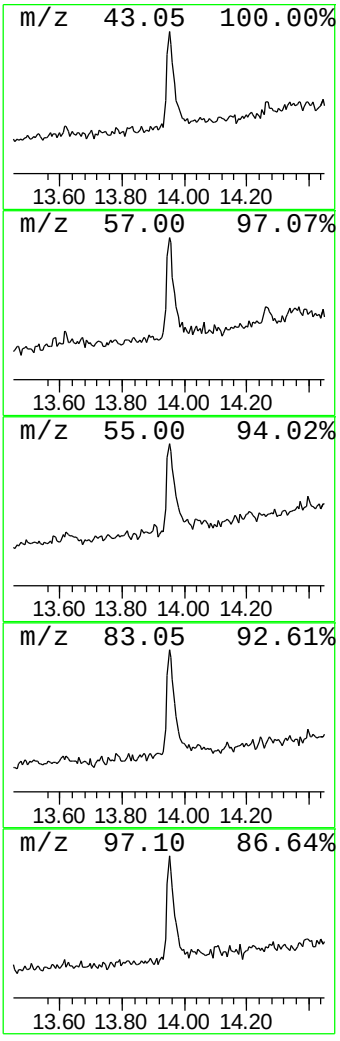
****

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.09 ng	337953	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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
Butane, 2-methoxy...	2.18	14.1	ng	749313	1	6.92	1066450	20.0
2-Pentanone, 4-hy...	5.12	10.2	ng	543247	1	6.92	1066450	20.0
unknown6.68	6.68	54.3	ng	2896820	1	6.92	1066450	20.0
n-Hexadecanoic acid	11.97	5.2	ng	405287	4	11.46	1573150	20.0
4,4'-Bis(tetrahyd...	12.90	2.6	ng	142947	5	14.11	1110410	20.0
1-Heneicosanol	13.95	6.1	ng	337953	5	14.11	1110410	20.0