LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098594.D
Acq On : 16 Sep 2017 3:08
Operator : SJ/JU
Sample : I5205-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-OUTSIDE

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-BF091117.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	4.810	460	463	472	rBV	121112	151047	8.86%	0.778%
2	5.246	534	537	558	rBV	1434501	1630213	95.57%	8.395%
3	6.304	713	717	732	rBV	1263771	1661173	97.39%	8.554%
4	6.416	732	736	745	rVB	1632612	1705718	100.00%	8.784%
5	6.640	771	774	783	rBV	937802	811100	47.55%	4.177%
6	6.798	797	801	811	rBV	1329626	1161343	68.09%	5.980%
7	7.210	867	871	884	rBV	1107116	984320	57.71%	5.069%
8	7.928	989	993	999	rBV	1291110	1094824	64.19%	5.638%
9	9.004	1171	1176	1179	rBV	1813365	1503521	88.15%	7.742%
10	9.404	1240	1244	1250	rVB	199695	171389	10.05%	0.883%
11	9.539	1265	1267	1272	rBV	23468	19840	1.16%	0.102%
12	9.681	1286	1291	1295	rBV	1218121	1123743	65.88%	5.787%
13	10.469	1421	1425	1436	rVB	1046568	912188	53.48%	4.697%
14	10.586	1441	1445	1453	rBV3	37640	52142	3.06%	0.269%
15	11.163	1539	1543	1545	rBV	1254119	1055399	61.87%	5.435%
16	11.186	1545	1547	1550	rVV	174585	140628	8.24%	0.724%
17	11.239	1554	1556	1559	rVB	41166	32998	1.93%	0.170%
18	11.404	1580	1584	1591	rBV	16561	21416	1.26%	0.110%
19	11.663	1625	1628	1631	rBV	22887	19087	1.12%	0.098%
20	11.692	1631	1633	1636	rVB	24984	21408	1.26%	0.110%
21	11.775	1644	1647	1649	rBV	28302	27711	1.62%	0.143%
22	11.998	1682	1685	1689	rBV2	21356	24448	1.43%	0.126%
23	12.210	1718	1721	1724	rBV2	15155	17717	1.04%	0.091%
24	12.245	1726	1727	1734	rVB6	10478	17953	1.05%	0.092%
25	12.304	1734	1737	1743	rVB2	23770	30502	1.79%	0.157%
26	12.374	1745	1749	1754	rBV	295266	285477	16.74%	1.470%
27	12.598	1781	1787	1791	rBV	255812	270683	15.87%	1.394%
28	12.651	1793	1796	1799	rVB2	19128	20662	1.21%	0.106%
29	12.745	1808	1812	1815	rBV	1396339	1129948	66.24%	5.819%
30	12.827	1818	1826	1829	rBV3	16845	30811	1.81%	0.159%
31	12.916	1836	1841	1842	rBV4	17406	24227	1.42%	0.125%
32	12.933	1842	1844	1847	rVB2	30889	26071	1.53%	0.134%
33	13.033	1857	1861	1867	rBV3	32607	42500	2.49%	0.219%
34	13.127	1875	1877	1880	rBV2	21168	19550	1.15%	0.101%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.310	1906	1908	1911	rBV3	16019	18667	1.09%	0.096%
36	13.445	1928	1931	1935	rVB	39747	39663	2.33%	0.204%
37	13.551	1946	1949	1951	rBV	31548	29797	1.75%	0.153%
38	13.645	1962	1965	1972	rVB4	82955	109215	6.40%	0.562%
39	13.798	1984	1991	1994	rBV	1018640	1100881	64.54%	5.669%
40	13.821	1994	1995	2000	rVB	143137	108934	6.39%	0.561%
41	13.957	2015	2018	2024	rBV5	23346	44904	2.63%	0.231%
42	14.727	2144	2149	2153	rVB6	89815	126787	7.43%	0.653%
43	14.810	2159	2163	2170	rBV	171418	284054	16.65%	1.463%
44	15.086	2207	2210	2216	rVB	79299	95111	5.58%	0.490%
45	15.145	2216	2220	2225	rBV	96008	126127	7.39%	0.649%
46	15.198	2225	2229	2237	rVV	618942	782759	45.89%	4.031%
47	15.815	2329	2334	2342	rVB6	66755	140169	8.22%	0.722%
48	16.198	2395	2399	2406	rBV6	42461	69121	4.05%	0.356%
49	16.539	2455	2457	2461	rBV	27741	34239	2.01%	0.176%
50	16.951	2522	2527	2532	rBV3	32131	67321	3.95%	0.347%

Sum of corrected areas: 19419506

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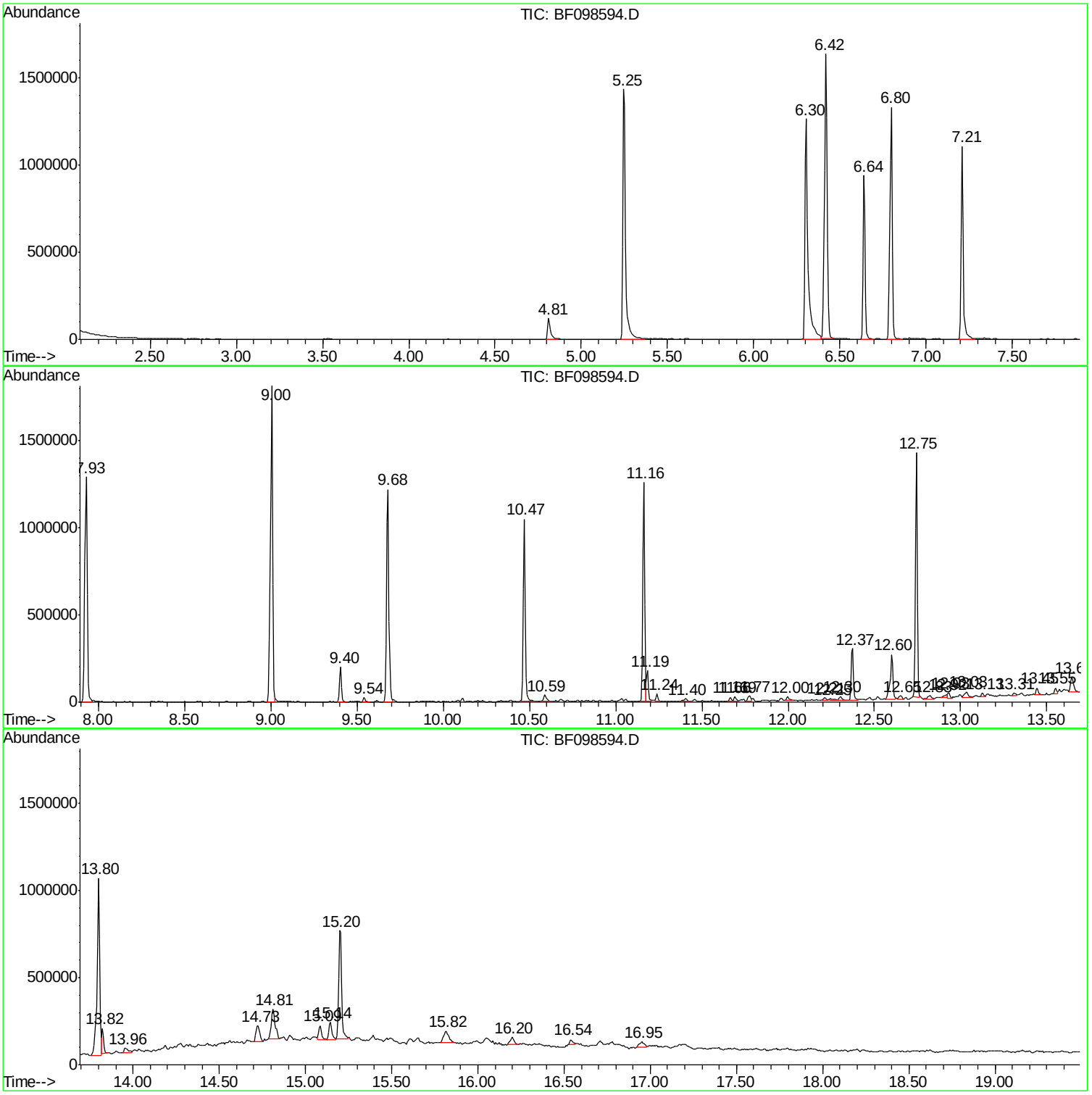
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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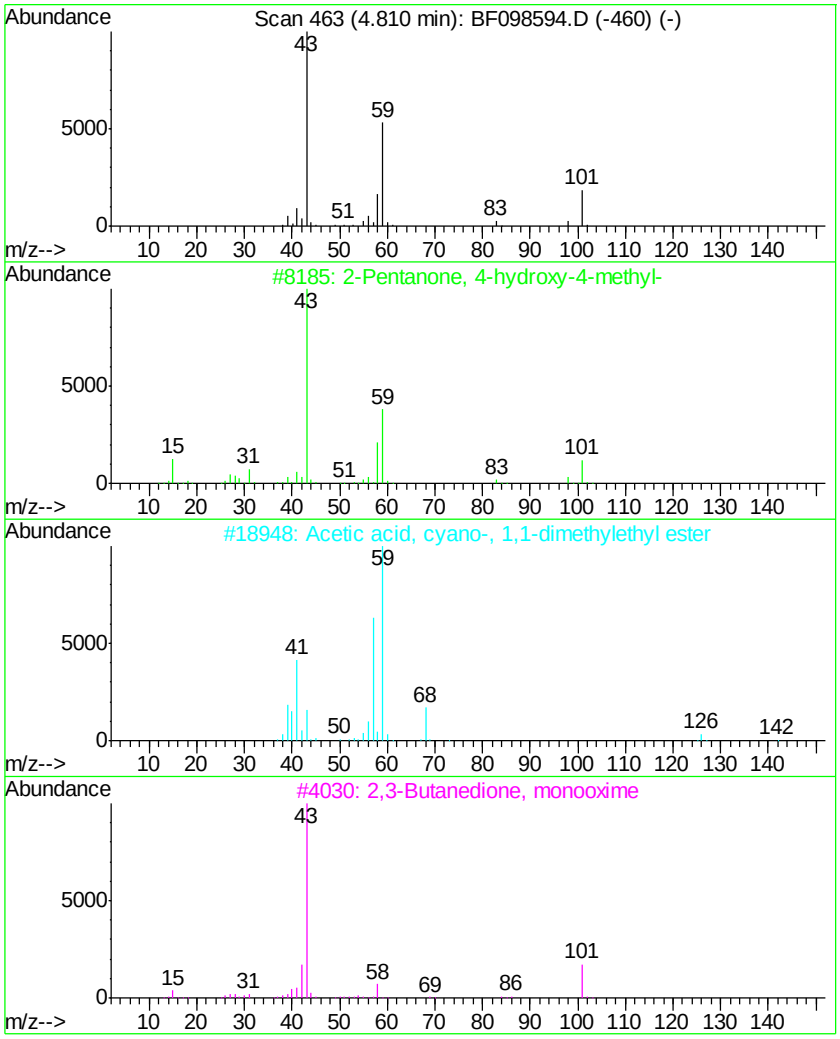
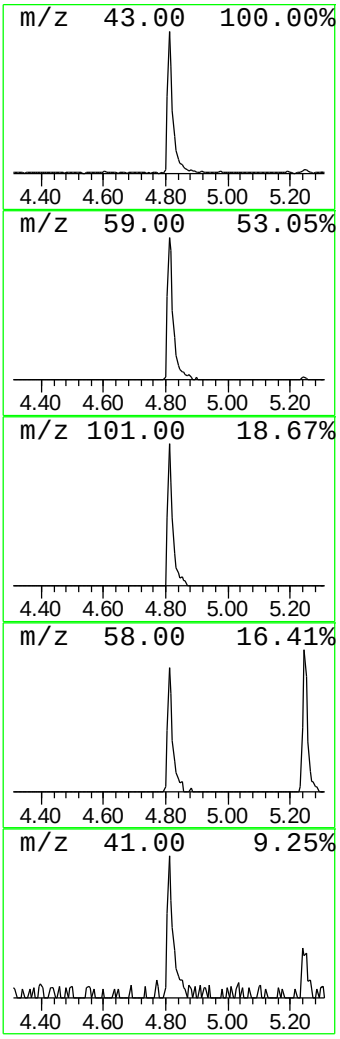
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	3.72 ng	151047	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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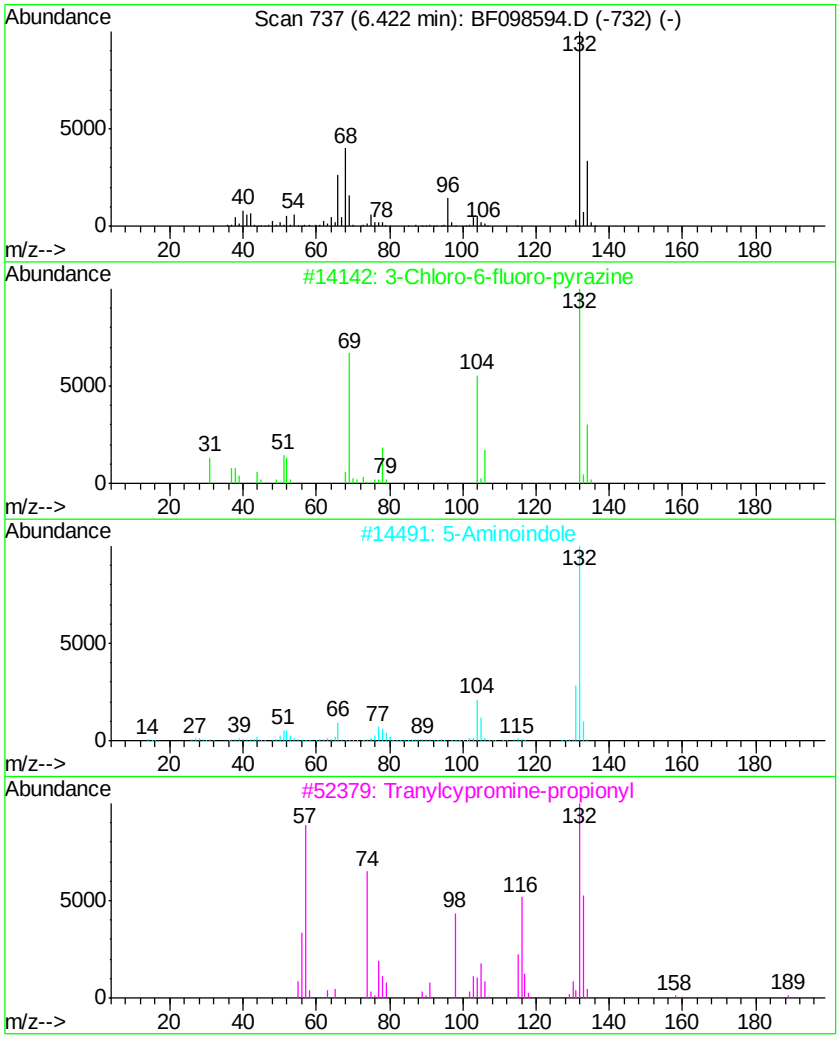
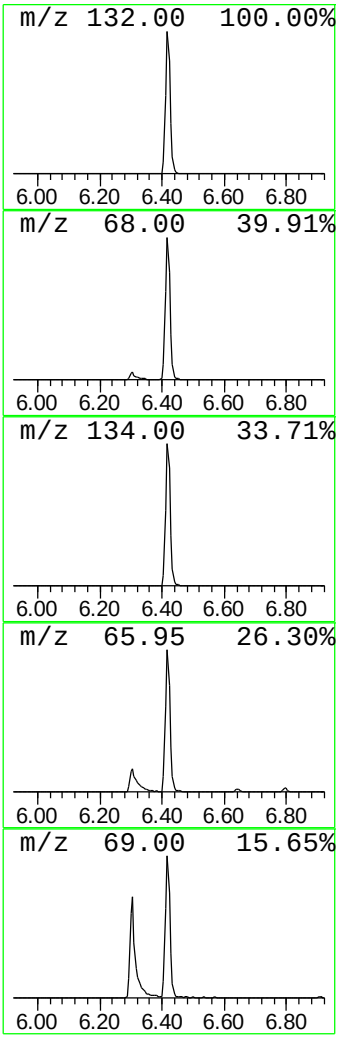
Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	42.06 ng	1705720	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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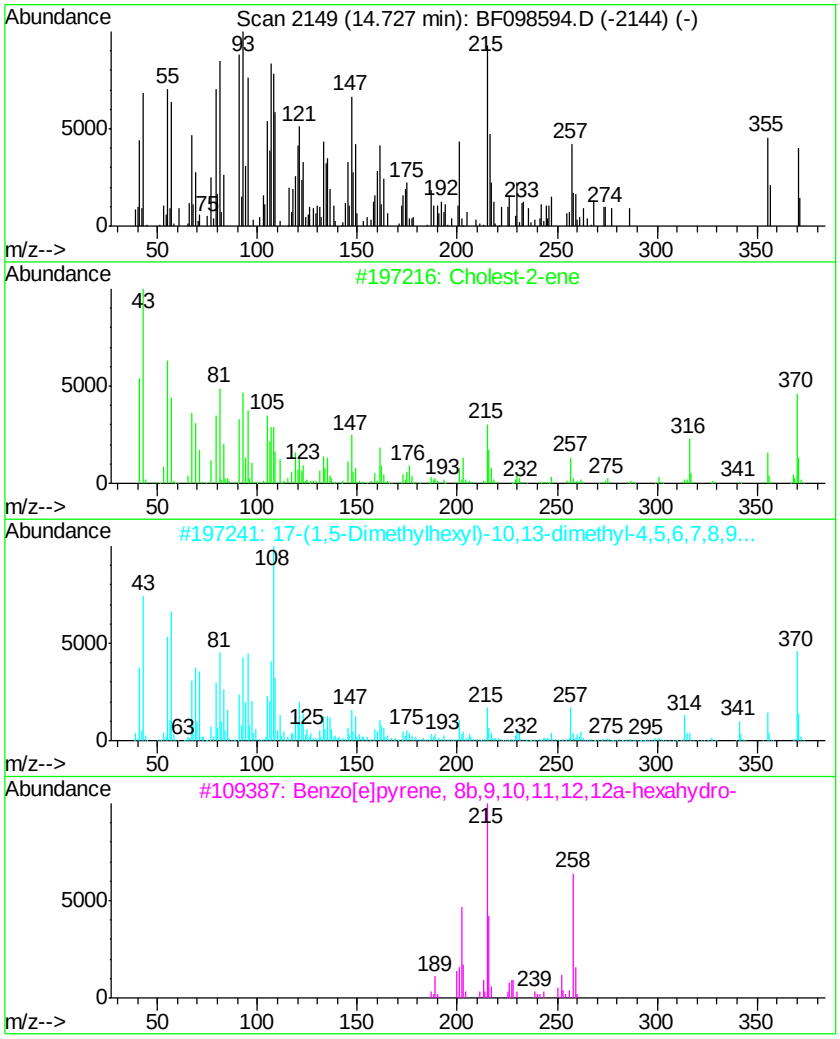
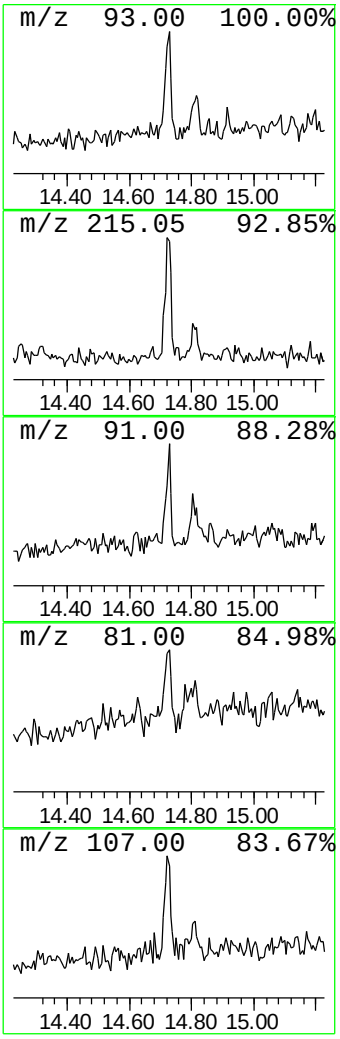
Peak Number 4 Cholest-2-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.24 ng	126787	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-2-ene	370	C27H46	015910-23-3	93
2	17-(1,5-Dimethylhexyl)-10,13-dim...	370	C27H46	1000210-50-1	38
3	Benzo[e]pyrene, 8b,9,10,11,12,12...	258	C20H18	086439-17-0	27
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	25
5	1-(2,5-Dimethyl-3-pyrazinyl)-3-m...	192	C11H16N2O	106538-15-2	20





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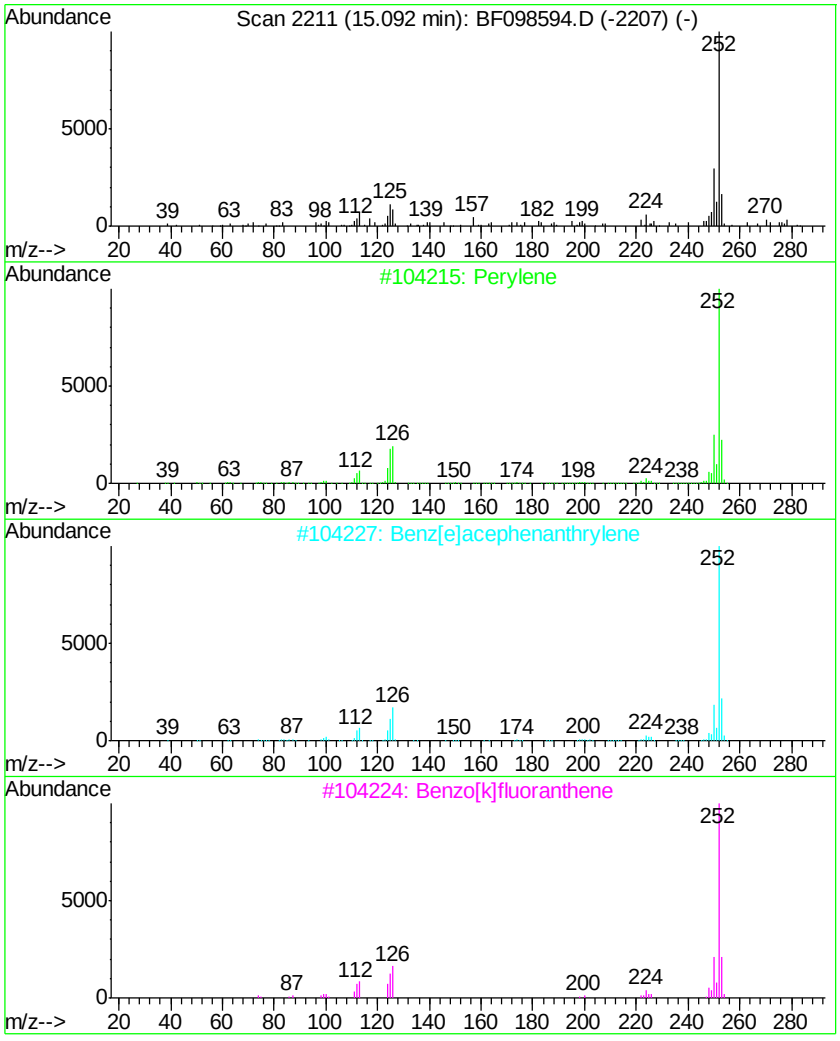
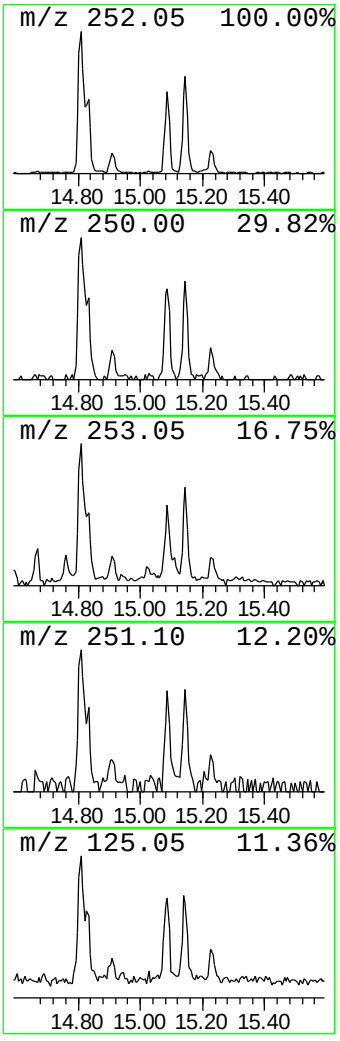
Peak Number 5 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.43 ng	95111	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





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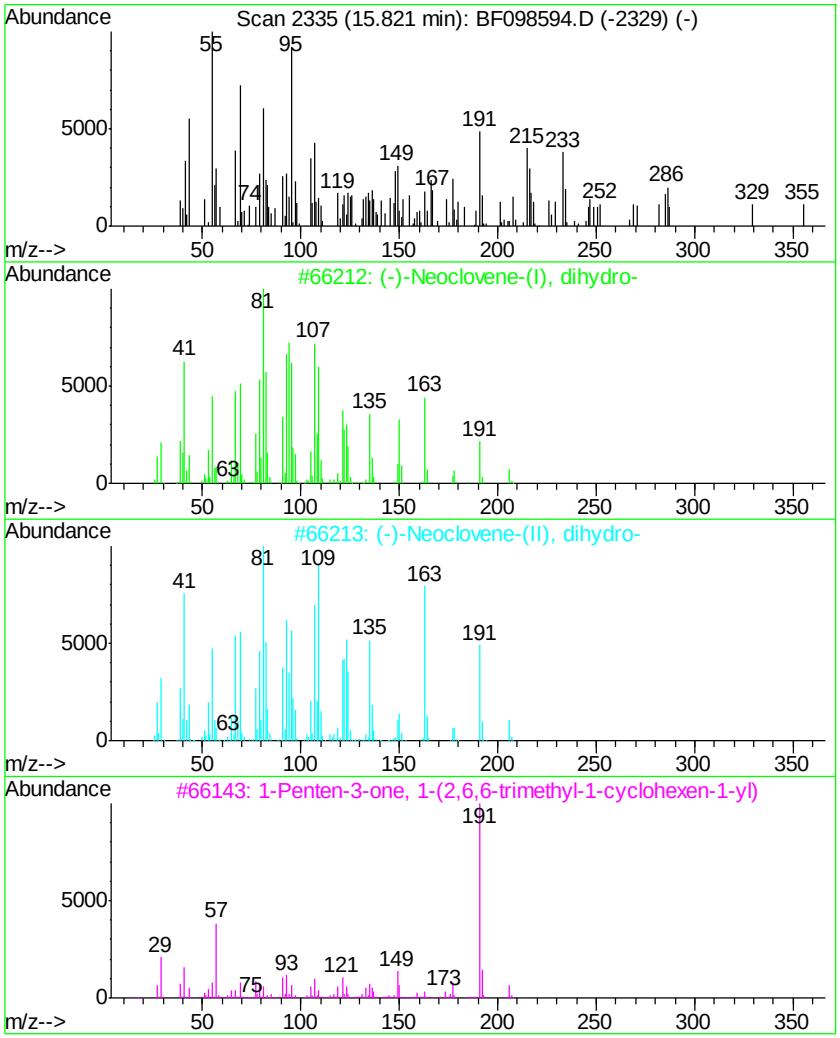
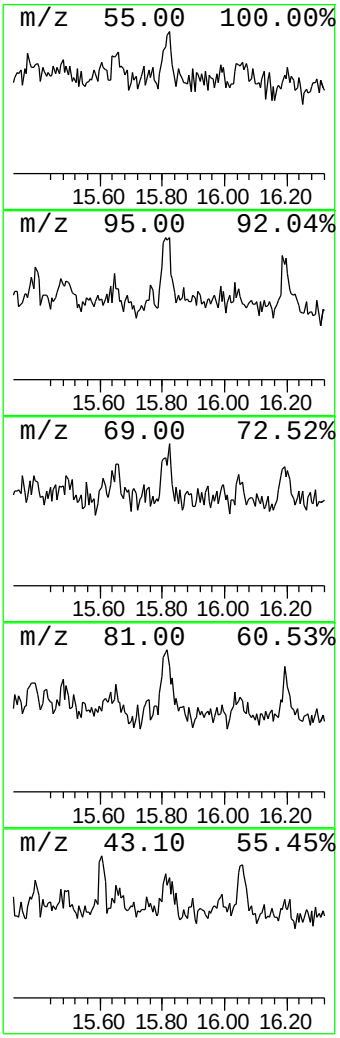
Peak Number 6 unknown15.82 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.58 ng	140169	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	44
2	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	25
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	18
4	Pivalamide, N-methyl-N-phenyl-	191	C12H17NO	1000345-72-6	18
5	2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	11





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...	4.81	3.7	ng	151047	1	6.64	811100	20.0
unknown6.42	6.42	42.1	ng	1705720	1	6.64	811100	20.0
Cholest-2-ene	14.73	3.2	ng	126787	6	15.20	782759	20.0
Perylene	15.09	2.4	ng	95111	6	15.20	782759	20.0
unknown15.82	15.82	3.6	ng	140169	6	15.20	782759	20.0