LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096650.D
Acq On : 11 Jul 2017 17:58
Operator : SJ/JU
Sample : I4113-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-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-BF070117.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	4.869	469	473	486	rVB	354696	488180	20.52%	2.132%
2	5.298	541	546	549	rBV	2375993	2315603	97.32%	10.111%
3	6.328	715	721	729	rBV	2186502	2379317	100.00%	10.389%
4	6.457	738	743	746	rBV	2295408	2311182	97.14%	10.092%
5	6.681	778	781	787	rBV	720043	669538	28.14%	2.924%
6	6.840	804	808	812	rBV	1939656	1770429	74.41%	7.731%
7	7.245	872	877	880	rBV	1580465	1467014	61.66%	6.406%
8	7.963	995	999	1003	rBV	1026437	917716	38.57%	4.007%
9	9.045	1177	1183	1186	rBV	2517348	2293025	96.37%	10.012%
10	9.433	1246	1249	1253	rBV	255126	195737	8.23%	0.855%
11	9.716	1292	1297	1300	rBV	1047232	901510	37.89%	3.936%
12	10.163	1370	1373	1376	rVB	49420	38372	1.61%	0.168%
13	10.380	1406	1410	1413	rBV	18666	24123	1.01%	0.105%
14	10.498	1426	1430	1437	rBV	1211776	1153562	48.48%	5.037%
15	10.633	1449	1453	1460	rBV	63613	68389	2.87%	0.299%
16	11.080	1526	1529	1532	rBV3	28680	32282	1.36%	0.141%
17	11.192	1544	1548	1550	rBV	861352	728127	30.60%	3.179%
18	11.216	1550	1552	1556	rVV	345547	266441	11.20%	1.163%
19	11.263	1556	1560	1564	rVB	57261	53293	2.24%	0.233%
20	11.692	1631	1633	1636	rBV	57486	47024	1.98%	0.205%
21	11.722	1636	1638	1643	rVB	75043	69285	2.91%	0.303%
22	11.804	1649	1652	1654	rBV	68405	69595	2.92%	0.304%
23	11.827	1654	1656	1661	rVB	44966	38771	1.63%	0.169%
24	12.010	1685	1687	1693	rVB2	33507	32623	1.37%	0.142%
25	12.245	1723	1727	1730	rBV	36291	36045	1.51%	0.157%
26	12.321	1738	1740	1747	rVB3	22506	25757	1.08%	0.112%
27	12.398	1749	1753	1758	rBV	329216	283739	11.93%	1.239%
28	12.627	1787	1792	1795	rBV	280179	283965	11.93%	1.240%
29	12.674	1795	1800	1807	rVB5	16215	36398	1.53%	0.159%
30	12.751	1807	1813	1814	rBV3	18759	24292	1.02%	0.106%
31	12.774	1814	1817	1821	rVV	1353866	1327724	55.80%	5.797%
32	12.851	1824	1830	1833	rBV3	25054	35558	1.49%	0.155%
33	12.957	1845	1848	1853	rVB2	35331	34539	1.45%	0.151%
34	13.057	1862	1865	1868	rBV	35420	39475	1.66%	0.172%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.363	1908	1917	1921	rBV10	20813	45004	1.89%	0.197%
36	13.463	1931	1934	1938	rVB	24998	25632	1.08%	0.112%
37	13.568	1948	1952	1955	rBV2	30494	41188	1.73%	0.180%
38	13.680	1966	1971	1977	rVB2	82455	120681	5.07%	0.527%
39	13.821	1990	1995	1997	rBV2	654988	685354	28.80%	2.993%
40	13.845	1997	1999	2005	rVB	145194	126141	5.30%	0.551%
41	14.204	2058	2060	2064	rVB	29827	28835	1.21%	0.126%
42	14.580	2121	2124	2127	rBV2	34790	41239	1.73%	0.180%
43	14.680	2137	2141	2144	rVB6	24688	32556	1.37%	0.142%
44	14.827	2162	2166	2169	rBV	136559	208723	8.77%	0.911%
45	14.921	2180	2182	2186	rVB2	37457	36013	1.51%	0.157%
46	15.104	2209	2213	2217	rVB	81767	94702	3.98%	0.414%
47	15.157	2219	2222	2228	rBV	101320	124643	5.24%	0.544%
48	15.221	2228	2233	2236	rBV	499083	589082	24.76%	2.572%
49	15.668	2306	2309	2313	rVB5	25188	35095	1.48%	0.153%
50	16.551	2454	2459	2466	rVB3	58558	117872	4.95%	0.515%
51	16.951	2522	2527	2533	rVB	47352	90302	3.80%	0.394%

Sum of corrected areas: 22901692

LSC Report - Integrated Chromatogram

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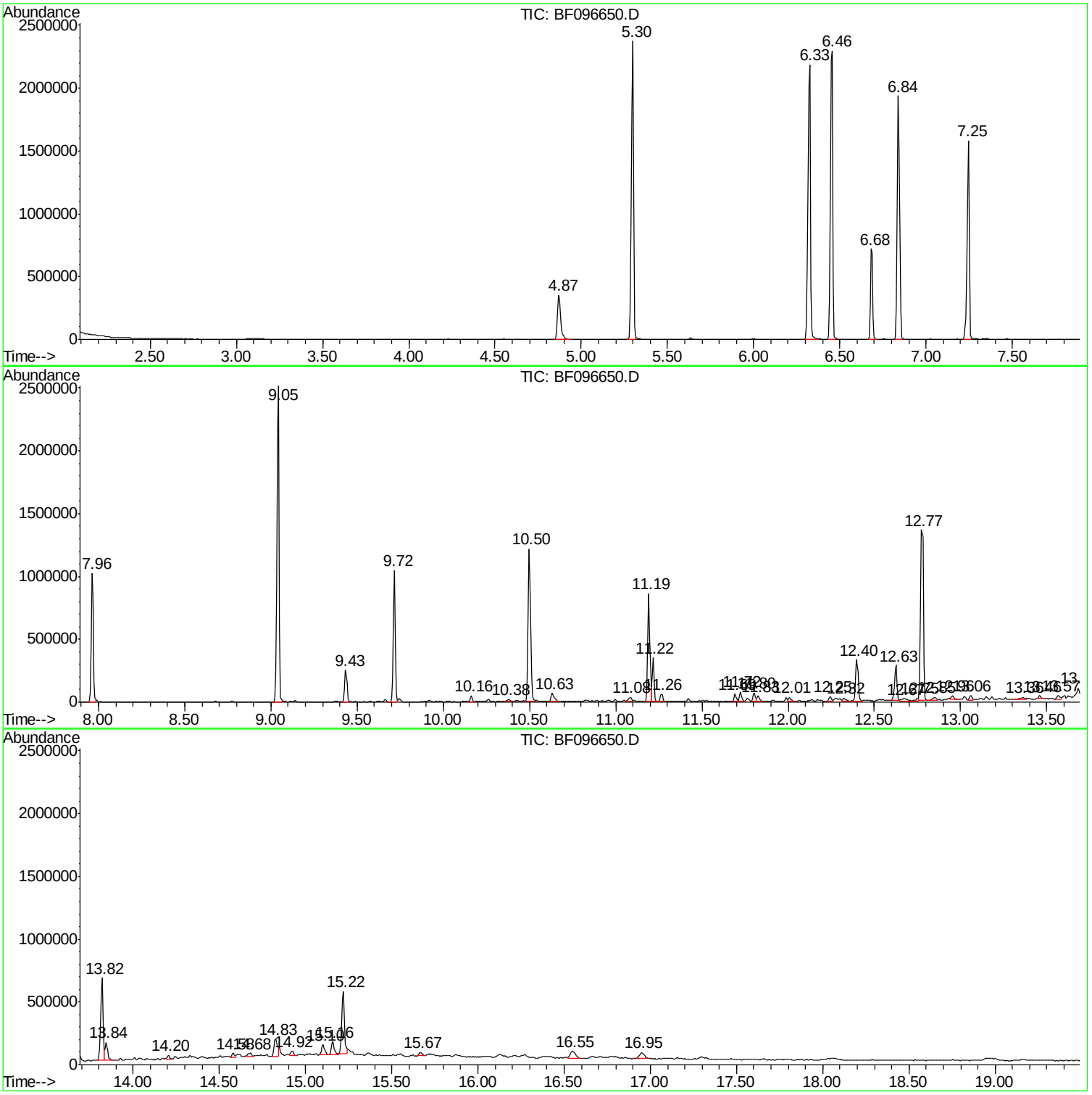
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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Data File : BF096650.D
Acq On : 11 Jul 2017 17:58
Operator : SJ/JU
Sample : I4113-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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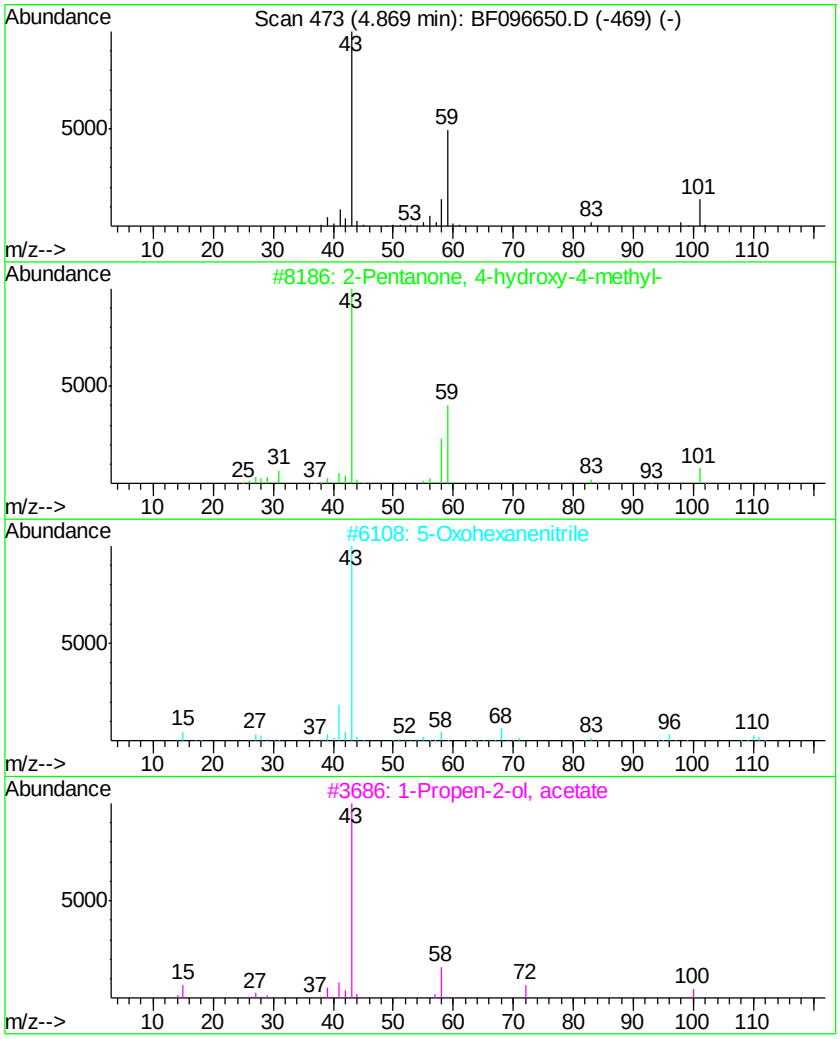
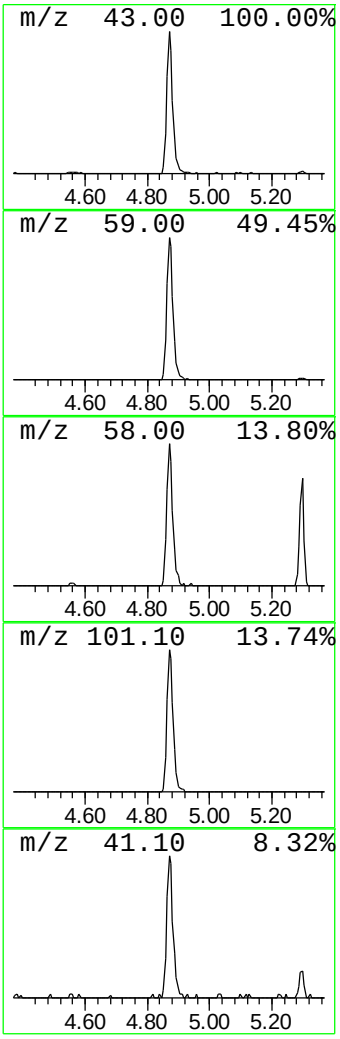
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	14.58 ng	488180	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7





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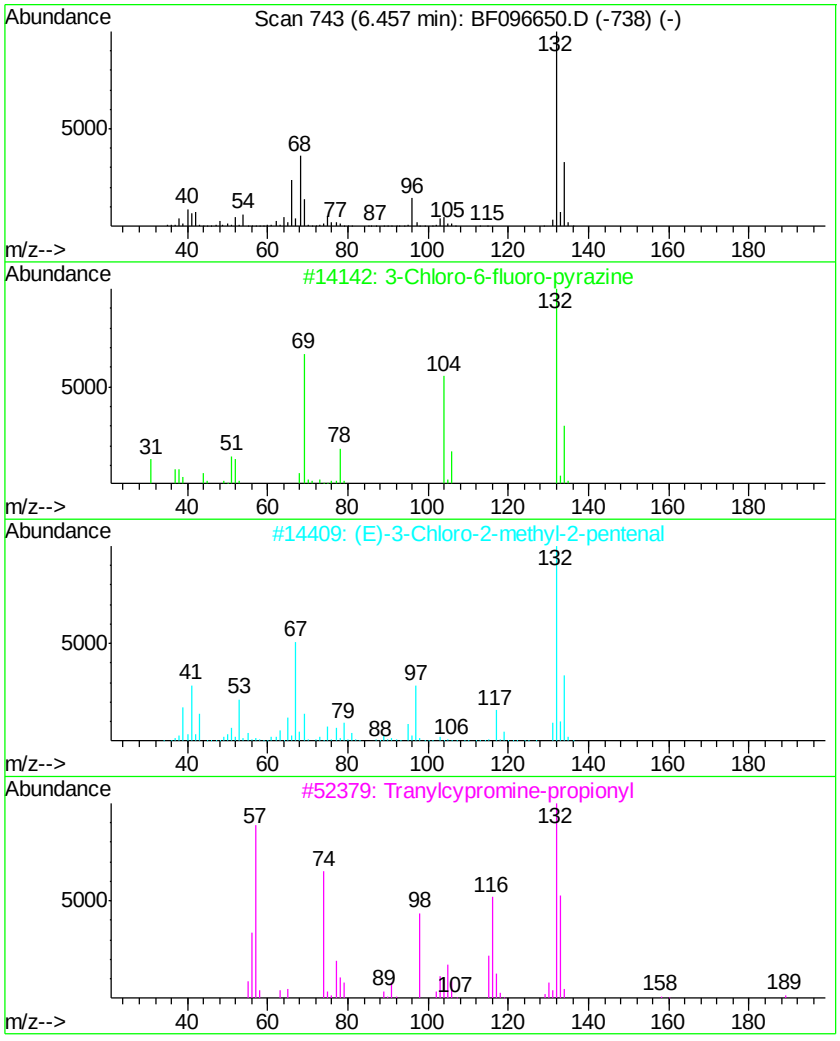
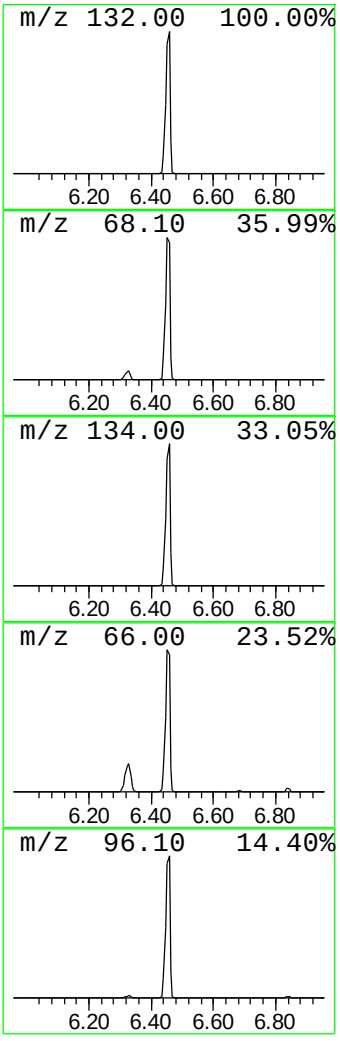
Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.04 ng	2311180	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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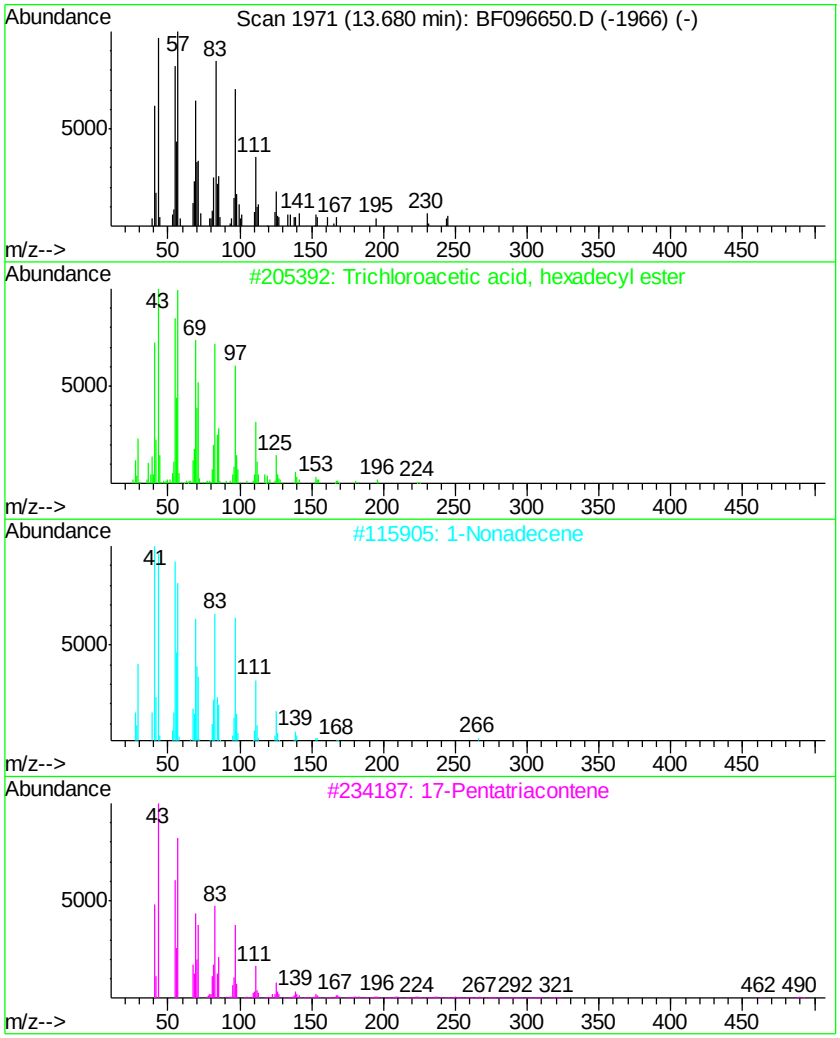
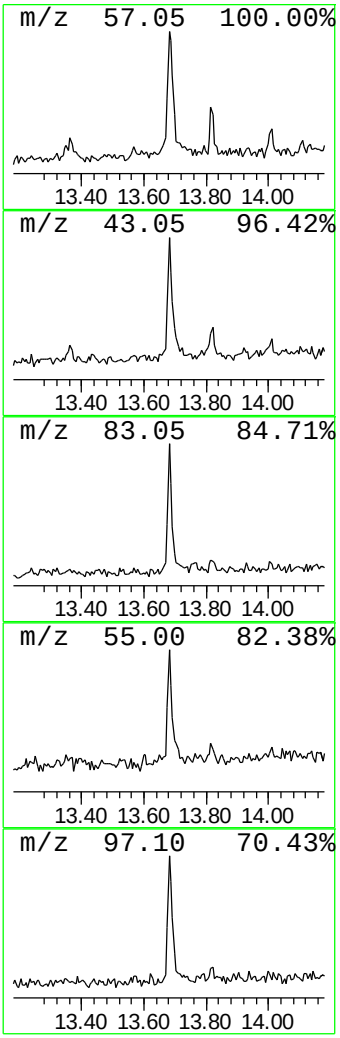
Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.52 ng	120681	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	1-Docosene	308	C22H44	001599-67-3	76





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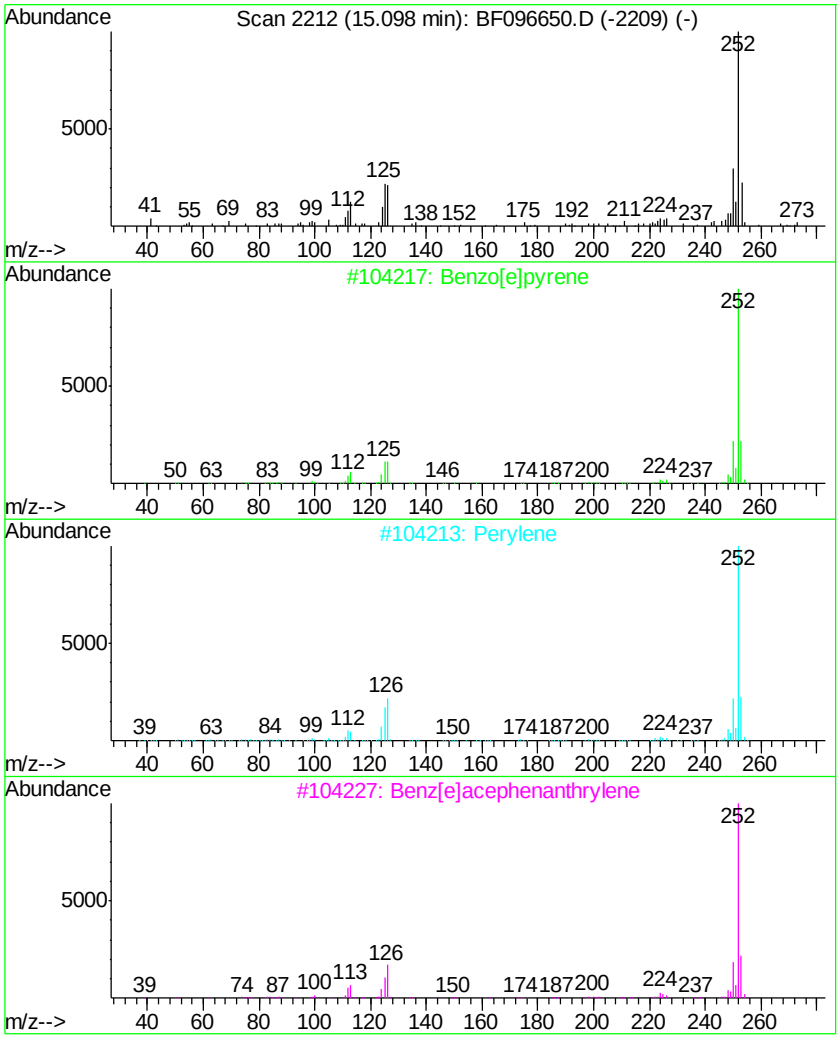
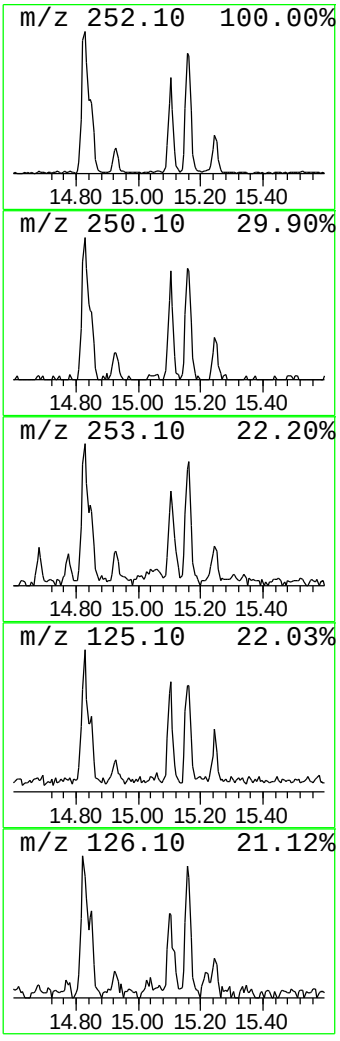
Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.22 ng	94702	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Perylene	252	C20H12	000198-55-0	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	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
2-Pentanone, 4-hy...	4.87	14.6	ng	488180	1	6.69	669538	20.0
unknown6.46	6.46	69.0	ng	2311180	1	6.69	669538	20.0
Trichloroacetic a...	13.68	3.5	ng	120681	5	13.82	685354	20.0
Benzo[e]pyrene	15.10	3.2	ng	94702	6	15.22	589082	20.0