LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107367.D
Acq On : 13 Jul 2018 15:16
Operator : JU/SJ
Sample : J3825-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-A

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-BF061918.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	5.154	476	479	489	rBV	60838	69177	9.54%	0.950%
2	5.566	546	549	574	rBV	429637	526429	72.60%	7.226%
3	6.572	717	720	739	rBV	424828	502765	69.33%	6.901%
4	6.707	739	743	753	rVB	549661	521649	71.94%	7.161%
5	6.925	777	780	788	rBV	328651	286504	39.51%	3.933%
6	7.084	803	807	820	rBB	471963	429724	59.26%	5.899%
7	7.495	873	877	891	rBV	294965	298929	41.22%	4.103%
8	8.213	995	999	1017	rBV	322936	334024	46.06%	4.585%
9	9.284	1178	1181	1190	rBV	521168	536062	73.92%	7.358%
10	9.684	1246	1249	1256	rVB	62543	56897	7.85%	0.781%
11	9.842	1271	1276	1280	rBV	9386	10346	1.43%	0.142%
12	9.978	1295	1299	1309	rVB	327517	331314	45.69%	4.548%
13	10.772	1431	1434	1446	rBV	282694	314795	43.41%	4.321%
14	11.472	1550	1553	1556	rBV	413776	382143	52.70%	5.246%
15	11.495	1556	1557	1561	rVV	66288	46253	6.38%	0.635%
16	11.554	1563	1567	1569	rBV	12686	11250	1.55%	0.154%
17	11.977	1635	1639	1642	rBV	16574	17608	2.43%	0.242%
18	12.007	1642	1644	1649	rVB2	18992	17218	2.37%	0.236%
19	12.089	1655	1658	1660	rBV2	21431	25259	3.48%	0.347%
20	12.113	1660	1662	1665	rVB	12144	11083	1.53%	0.152%
21	12.266	1685	1688	1693	rBV3	9992	9801	1.35%	0.135%
22	12.313	1693	1696	1699	rVB3	8034	9385	1.29%	0.129%
23	12.477	1721	1724	1727	rVB2	10797	11083	1.53%	0.152%
24	12.525	1728	1732	1735	rBV	31287	31945	4.41%	0.438%
25	12.630	1745	1750	1757	rVB5	10697	25634	3.53%	0.352%
26	12.695	1757	1761	1765	rBV	141403	126333	17.42%	1.734%
27	12.789	1775	1777	1780	rVB	11673	8785	1.21%	0.121%
28	12.842	1784	1786	1788	rBV3	12488	12128	1.67%	0.166%
29	12.866	1788	1790	1793	rVV3	10747	10271	1.42%	0.141%
30	12.907	1794	1797	1798	rVV2	26049	26169	3.61%	0.359%
31	12.930	1798	1801	1805	rVV	137311	137169	18.92%	1.883%
32	12.977	1806	1809	1812	rVB2	16280	17576	2.42%	0.241%
33	13.054	1819	1822	1826	rBV	823629	725158	100.00%	9.954%
34	13.089	1826	1828	1833	rVB6	9736	12137	1.67%	0.167%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.148	1833	1838	1842	rBV5	18823	37384	5.16%	0.513%
36	13.195	1842	1846	1847	rBV4	12170	14137	1.95%	0.194%
37	13.254	1849	1856	1860	rBV2	33707	61287	8.45%	0.841%
38	13.295	1861	1863	1865	rBV2	14198	11783	1.62%	0.162%
39	13.319	1865	1867	1869	rBV	13075	9549	1.32%	0.131%
40	13.360	1872	1874	1877	rVV2	17610	13875	1.91%	0.190%
41	13.454	1887	1890	1892	rBV	23427	20999	2.90%	0.288%
42	13.483	1893	1895	1898	rVV	22429	21394	2.95%	0.294%
43	13.601	1913	1915	1918	rBV3	19631	16387	2.26%	0.225%
44	13.936	1969	1972	1977	rBV5	39244	62967	8.68%	0.864%
45	14.130	2000	2005	2008	rBV2	482814	556497	76.74%	7.639%
46	14.160	2008	2010	2013	rVB	67732	58960	8.13%	0.809%
47	15.224	2187	2191	2197	rVB2	67285	127510	17.58%	1.750%
48	15.671	2264	2267	2279	rVB	241354	379336	52.31%	5.207%

Sum of corrected areas: 7285068

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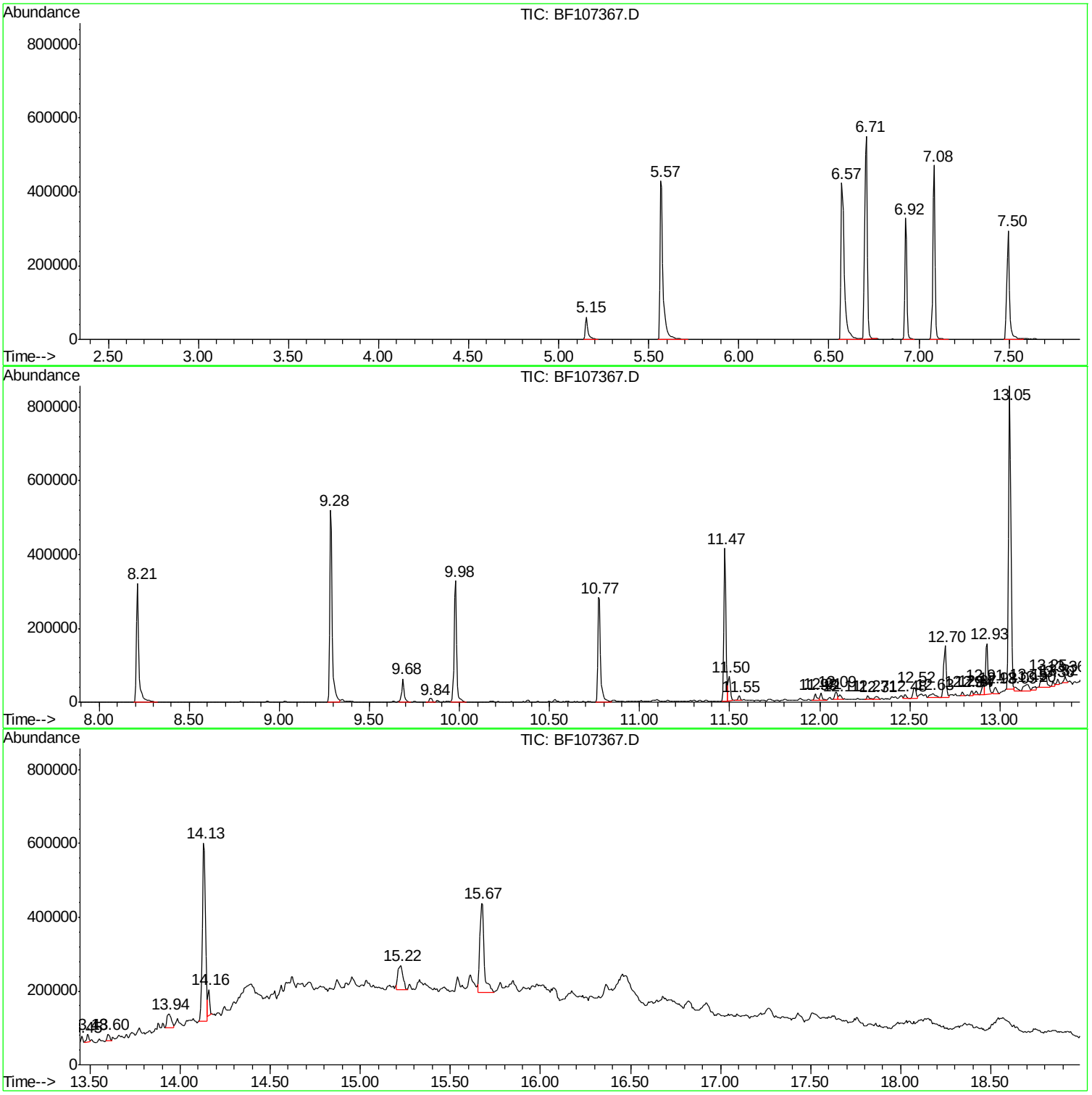
CL-02-071118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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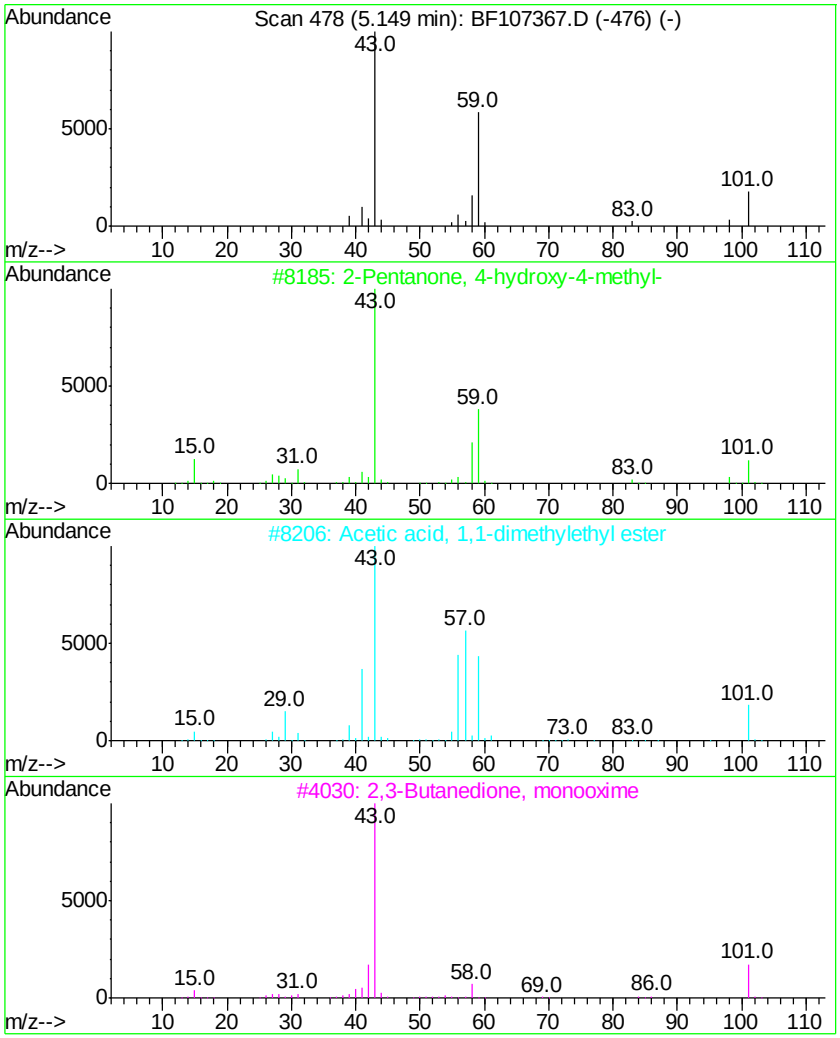
TIC Integration Parameters: LSCINT.P

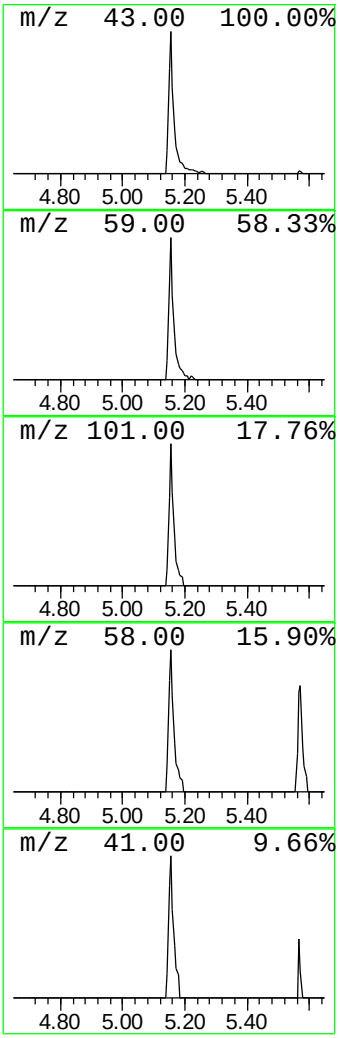
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.83 ng	69177	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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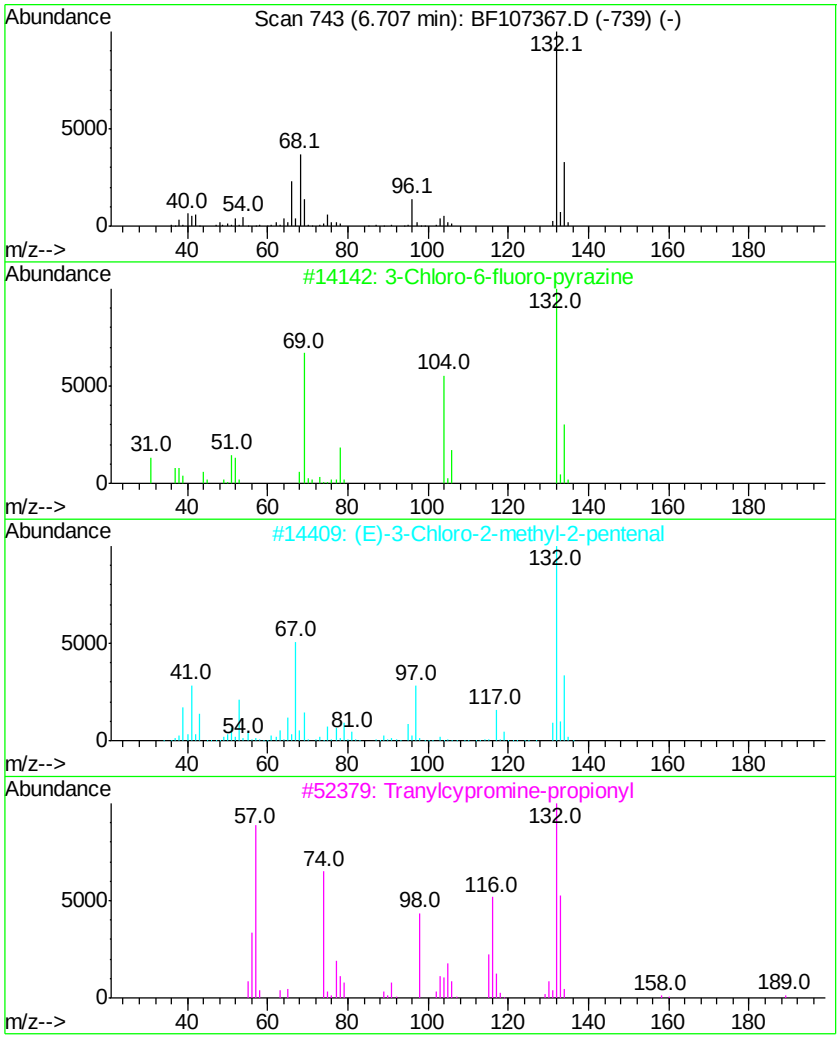
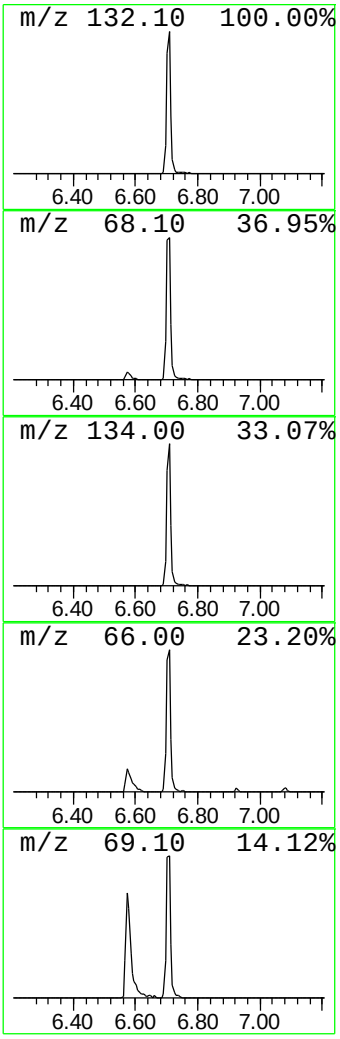
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	36.41 ng	521649	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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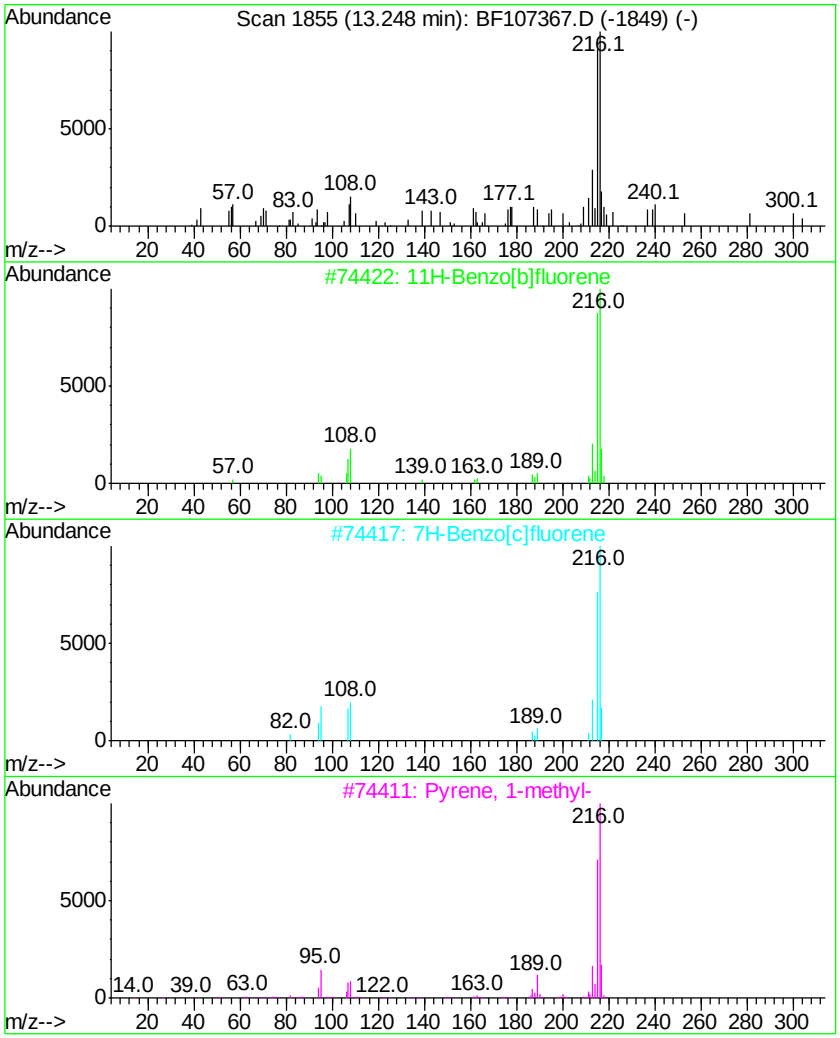
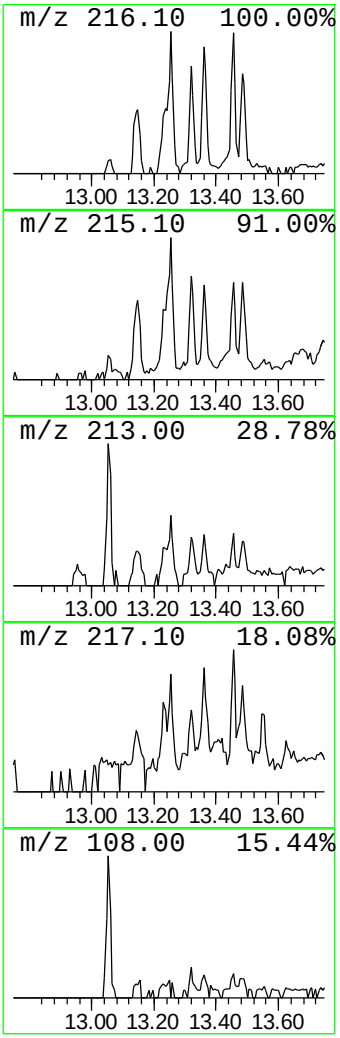
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.20 ng	61287	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	92
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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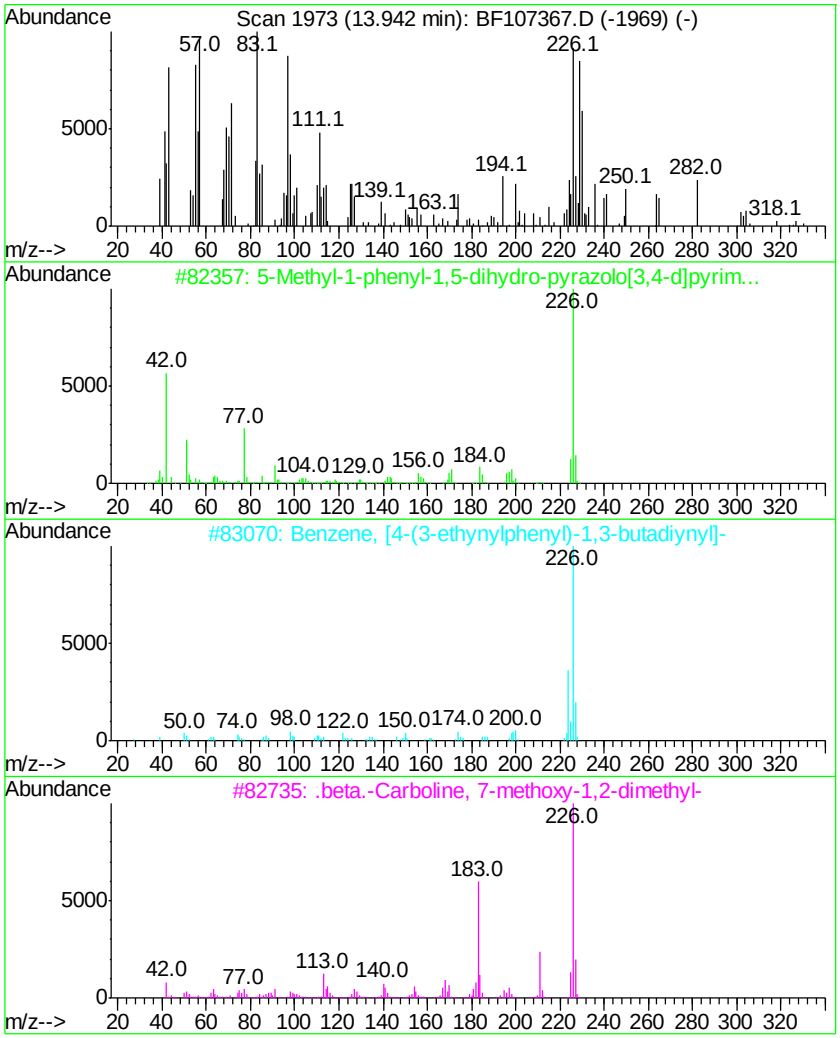
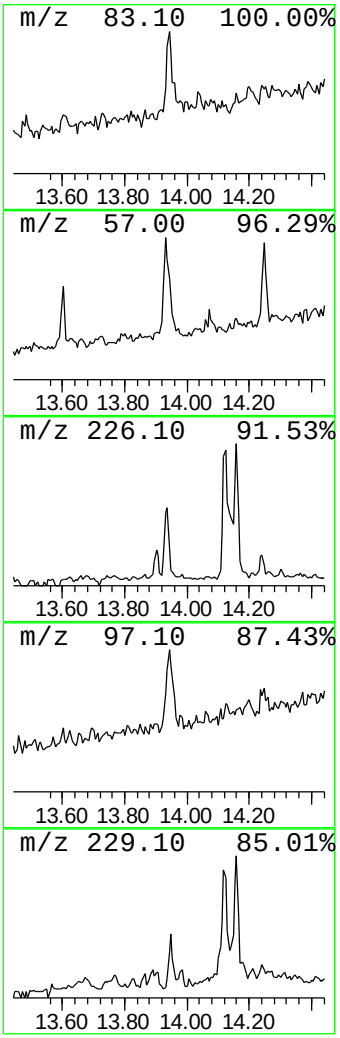
Peak Number 5 unknown13.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.26 ng	62967	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-1-phenyl-1,5-dihydro-pyr...	226	C12H10N4O	1000300-02-1	30
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	27
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	27
4	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	25
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	25





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...	5.15	4.8	ng	69177	1	6.92	286504	20.0
unknown6.71	6.71	36.4	ng	521649	1	6.92	286504	20.0
11H-Benzo[b]fluorene	13.25	2.2	ng	61287	5	14.14	556497	20.0
unknown13.94	13.94	2.3	ng	62967	5	14.14	556497	20.0