LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107369.D
Acq On : 13 Jul 2018 16:09
Operator : JU/SJ
Sample : J3825-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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	493	rBV	41807	51126	8.29%	0.882%
2	5.572	547	550	565	rBV	324992	395168	64.11%	6.817%
3	6.578	718	721	736	rBV	278456	367731	59.66%	6.344%
4	6.707	740	743	753	rVV	428621	393465	63.83%	6.787%
5	6.925	777	780	788	rBV	263263	247853	40.21%	4.276%
6	7.084	803	807	820	rBB	372429	323531	52.49%	5.581%
7	7.495	873	877	891	rBV	202934	218331	35.42%	3.766%
8	8.213	995	999	1019	rBV	264501	275702	44.73%	4.756%
9	9.289	1178	1182	1190	rBV	360034	380382	61.71%	6.562%
10	9.684	1244	1249	1259	rBV	38386	39162	6.35%	0.676%
11	9.842	1271	1276	1279	rBV	7012	8080	1.31%	0.139%
12	9.978	1295	1299	1307	rBV	292782	295544	47.95%	5.098%
13	10.778	1431	1435	1444	rBV	254093	253921	41.19%	4.380%
14	11.095	1483	1489	1494	rVB5	4480	9026	1.46%	0.156%
15	11.472	1550	1553	1556	rBV	371696	361662	58.67%	6.239%
16	11.495	1556	1557	1564	rVB	57386	49437	8.02%	0.853%
17	11.554	1564	1567	1571	rBV	15270	13970	2.27%	0.241%
18	11.895	1620	1625	1628	rBV5	6547	8970	1.46%	0.155%
19	11.978	1636	1639	1642	rBV	15546	15034	2.44%	0.259%
20	12.007	1642	1644	1649	rVB	18488	15564	2.52%	0.268%
21	12.054	1649	1652	1655	rBV	7447	7624	1.24%	0.132%
22	12.089	1655	1658	1661	rBV2	21291	25949	4.21%	0.448%
23	12.272	1686	1689	1692	rBV2	9515	8456	1.37%	0.146%
24	12.319	1694	1697	1700	rVB2	9258	8212	1.33%	0.142%
25	12.419	1710	1714	1717	rBV4	7622	9360	1.52%	0.161%
26	12.454	1717	1720	1722	rBV2	7054	6933	1.12%	0.120%
27	12.477	1722	1724	1728	rVB4	11508	10546	1.71%	0.182%
28	12.525	1728	1732	1735	rBV	26427	33008	5.35%	0.569%
29	12.630	1744	1750	1752	rBV3	11057	18486	3.00%	0.319%
30	12.695	1758	1761	1765	rBV	143489	125598	20.38%	2.167%
31	12.795	1776	1778	1781	rBV2	8438	7185	1.17%	0.124%
32	12.848	1783	1787	1789	rBV2	13765	18932	3.07%	0.327%
33	12.907	1794	1797	1798	rVV2	30746	28922	4.69%	0.499%
34	12.930	1798	1801	1806	rVV	154508	147268	23.89%	2.540%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.977	1806	1809	1812	rVB2	16134	19587	3.18%	0.338%
36	13.054	1819	1822	1826	rBV	650127	616408	100.00%	10.633%
37	13.154	1833	1839	1842	rBV5	18393	33987	5.51%	0.586%
38	13.254	1854	1856	1859	rVB2	28999	30087	4.88%	0.519%
39	13.360	1872	1874	1877	rBV	13896	12124	1.97%	0.209%
40	13.454	1888	1890	1892	rBV	19150	18262	2.96%	0.315%
41	13.601	1913	1915	1918	rBV2	18142	18093	2.94%	0.312%
42	13.883	1961	1963	1965	rBV2	22333	17594	2.85%	0.304%
43	13.936	1969	1972	1978	rVV4	33576	64651	10.49%	1.115%
44	14.136	2001	2006	2009	rBV2	429419	489289	79.38%	8.441%
45	14.160	2009	2010	2013	rVB	67537	43154	7.00%	0.744%
46	15.677	2264	2268	2273	rBV	200761	253535	41.13%	4.374%

Sum of corrected areas: 5796909

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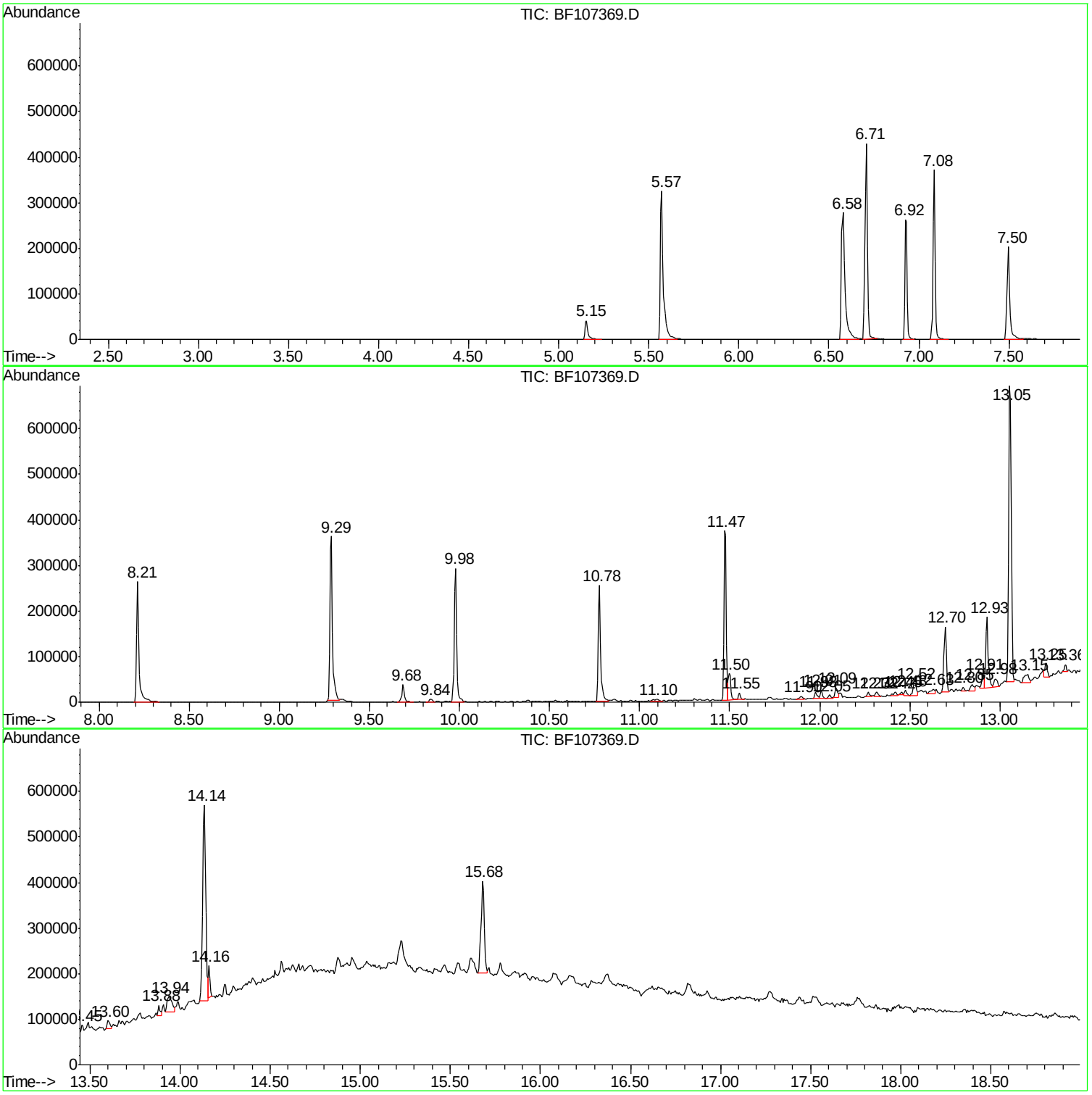
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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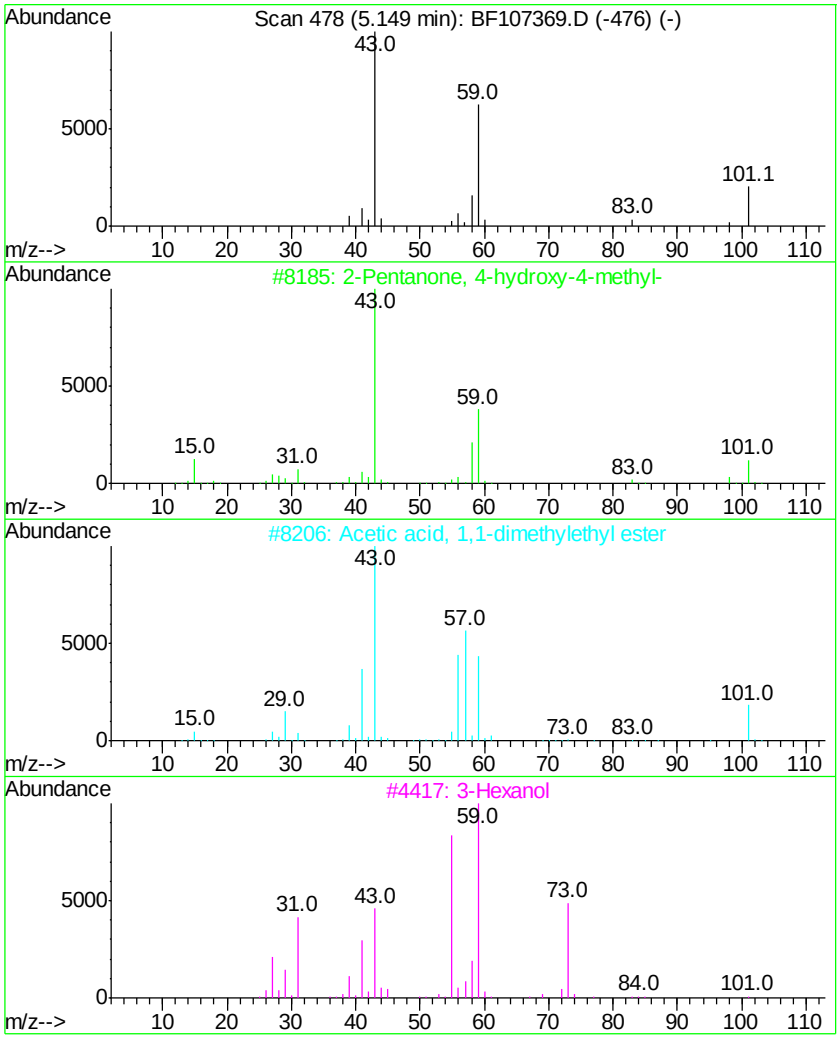
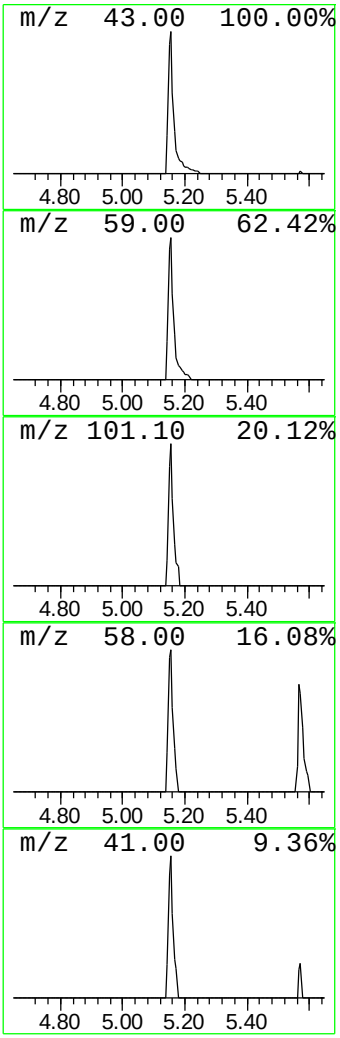
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.13 ng	51126	1,4-Dichlorobenzene-d4	6.93

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	3-Hexanol	102	C6H14O	000623-37-0	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





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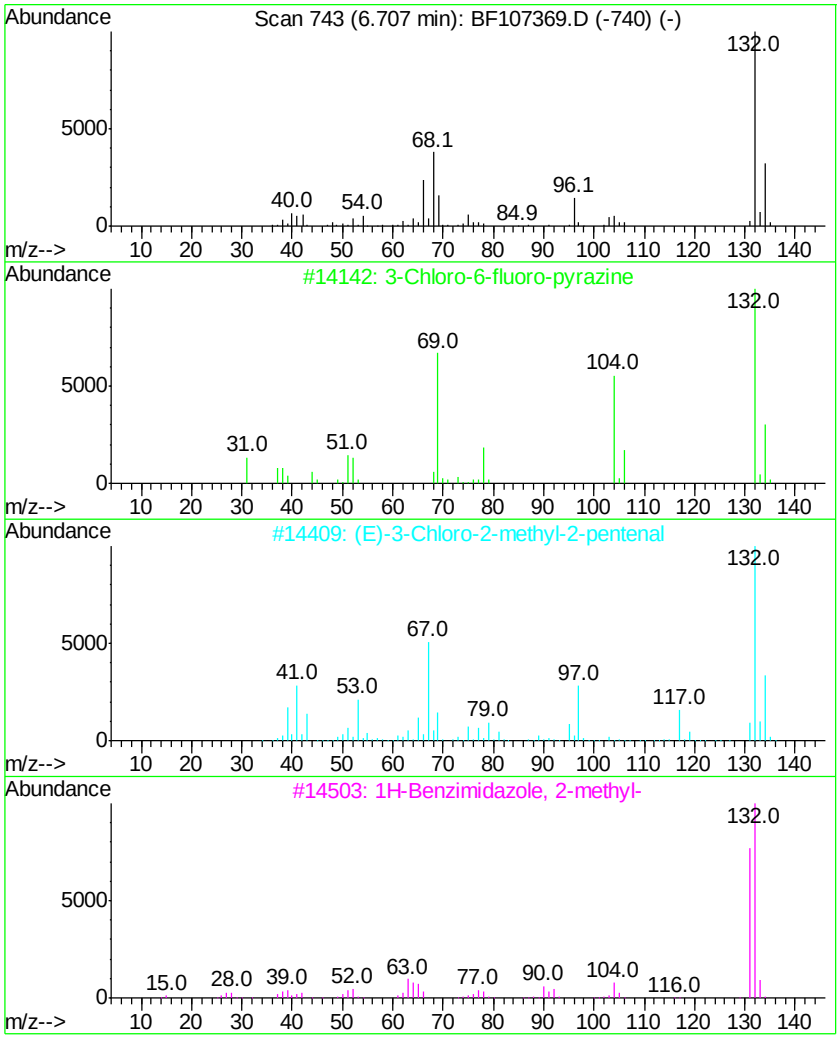
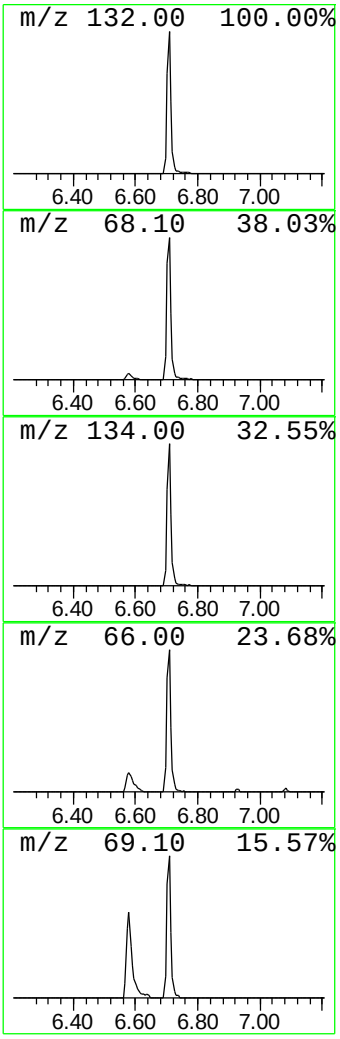
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	31.75 ng	393465	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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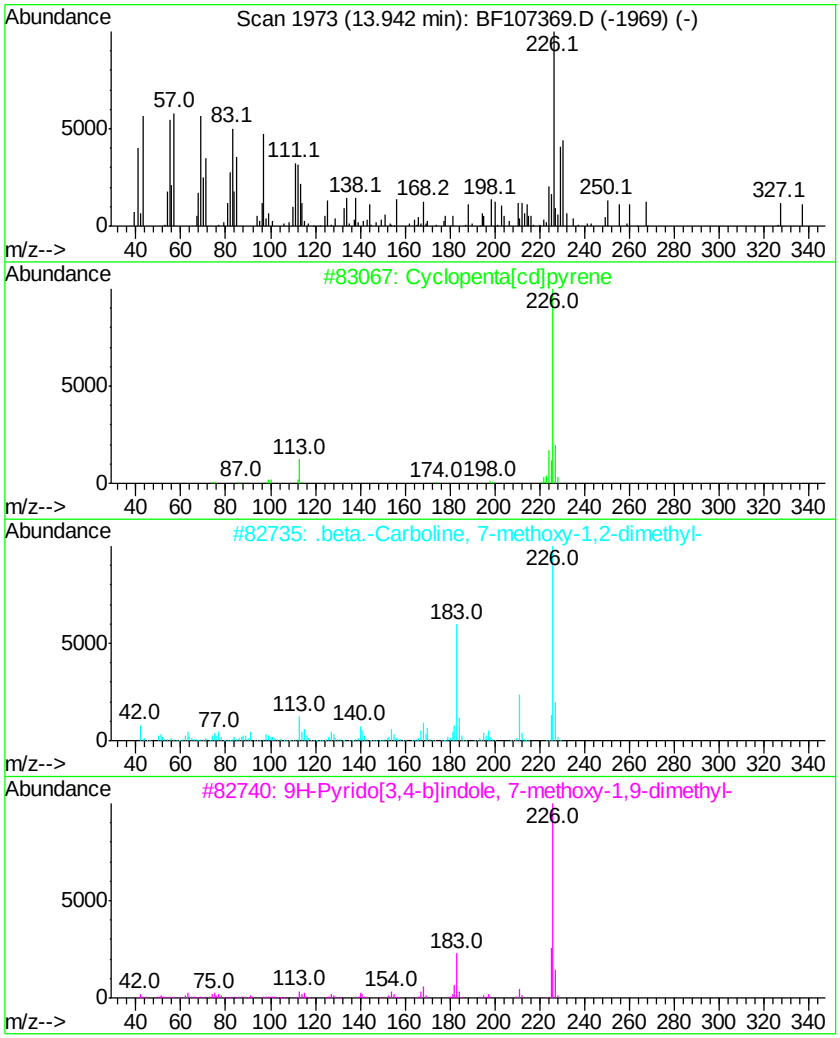
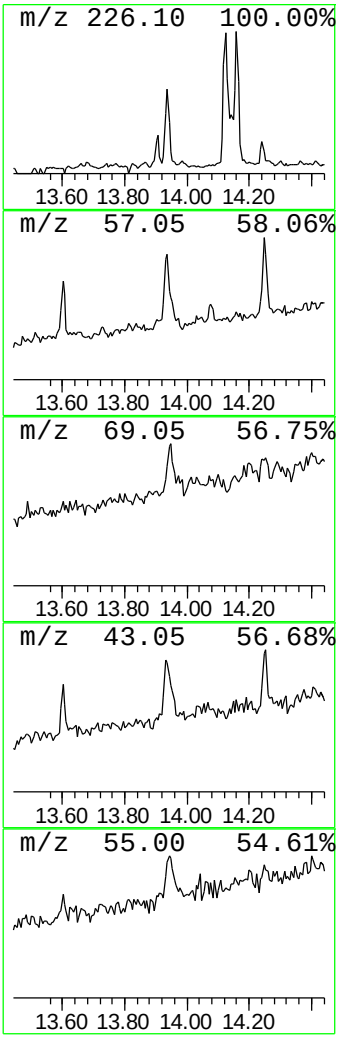
Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.64 ng	64651	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	35
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35
5	5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	35





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	4.1	ng	51126	1	6.93	247853	20.0
unknown6.71	6.71	31.8	ng	393465	1	6.93	247853	20.0
Cyclopenta[cd]pyrene	13.94	2.6	ng	64651	5	14.14	489289	20.0