LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107027.D
Acq On : 30 Jun 2018 20:51
Operator : JU/SJ
Sample : J3638-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

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	5.178	480	483	490	rBV	23781	28397	3.14%	0.270%
2	5.590	550	553	568	rBV	405291	395843	43.73%	3.764%
3	6.595	721	724	737	rBV	421784	426990	47.17%	4.060%
4	6.731	743	747	752	rBV	495992	429355	47.43%	4.082%
5	6.954	781	785	788	rBV	416362	347596	38.40%	3.305%
6	7.107	808	811	819	rBB	427003	346766	38.31%	3.297%
7	7.513	877	880	891	rBV	252068	240644	26.58%	2.288%
8	8.237	999	1003	1019	rBV	483819	448721	49.57%	4.267%
9	9.307	1181	1185	1194	rBV	627851	533802	58.97%	5.076%
10	9.701	1246	1252	1259	rBV	49552	51834	5.73%	0.493%
11	9.901	1283	1286	1288	rBV	13154	9979	1.10%	0.095%
12	9.995	1298	1302	1306	rBV	563154	489252	54.04%	4.652%
13	10.025	1306	1307	1313	rVB	19164	13690	1.51%	0.130%
14	10.401	1368	1371	1373	rVB	22198	15108	1.67%	0.144%
15	10.542	1392	1395	1399	rVB	13013	14179	1.57%	0.135%
16	10.619	1404	1408	1411	rVV2	8618	11217	1.24%	0.107%
17	10.789	1433	1437	1445	rBV	343821	327892	36.22%	3.118%
18	10.878	1449	1452	1456	rBV2	20402	27044	2.99%	0.257%
19	11.325	1525	1528	1530	rBV2	13889	11524	1.27%	0.110%
20	11.489	1552	1556	1558	rBV	606305	534976	59.10%	5.087%
21	11.513	1558	1560	1563	rVV	170953	134502	14.86%	1.279%
22	11.566	1566	1569	1573	rVV	42893	37634	4.16%	0.358%
23	11.725	1589	1596	1598	rBV2	14678	19795	2.19%	0.188%
24	11.748	1598	1600	1603	rVB2	11431	9680	1.07%	0.092%
25	11.989	1637	1641	1643	rBV	24842	24038	2.66%	0.229%
26	12.019	1643	1646	1650	rVB2	32646	28416	3.14%	0.270%
27	12.066	1651	1654	1657	rVB	14674	13026	1.44%	0.124%
28	12.107	1657	1661	1663	rBV2	34668	41829	4.62%	0.398%
29	12.283	1688	1691	1693	rBV	17251	16694	1.84%	0.159%
30	12.319	1694	1697	1702	rVB4	12583	16120	1.78%	0.153%
31	12.542	1731	1735	1737	rBV2	20238	24379	2.69%	0.232%
32	12.583	1737	1742	1743	rVV4	8105	11637	1.29%	0.111%
33	12.630	1746	1750	1755	rBV4	15575	24884	2.75%	0.237%
34	12.707	1759	1763	1766	rBV	382072	322377	35.61%	3.065%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.860	1786	1789	1791	rVB	11307	10865	1.20%	0.103%
36	12.919	1795	1799	1800	rBV2	71449	71086	7.85%	0.676%
37	12.936	1800	1802	1808	rVV	363492	317106	35.03%	3.015%
38	12.983	1808	1810	1814	rVB2	18869	19495	2.15%	0.185%
39	13.066	1820	1824	1828	rBV	692123	654973	72.35%	6.228%
40	13.101	1828	1830	1832	rVB	23354	19584	2.16%	0.186%
41	13.148	1835	1838	1844	rBV2	24955	46792	5.17%	0.445%
42	13.266	1850	1858	1862	rBV	73498	123214	13.61%	1.172%
43	13.330	1866	1869	1871	rBV	48580	44155	4.88%	0.420%
44	13.371	1871	1876	1878	rVV2	39782	49651	5.48%	0.472%
45	13.395	1878	1880	1883	rVB3	13528	14541	1.61%	0.138%
46	13.466	1889	1892	1894	rBV	27241	23319	2.58%	0.222%
47	13.495	1894	1897	1903	rVB2	32270	37606	4.15%	0.358%
48	13.619	1915	1918	1920	rBV3	20071	20485	2.26%	0.195%
49	13.689	1928	1930	1933	rVB	16557	14462	1.60%	0.138%
50	13.748	1937	1940	1942	rBV3	19219	25435	2.81%	0.242%
51	13.777	1943	1945	1949	rVB	33765	35649	3.94%	0.339%
52	13.889	1960	1964	1966	rBV	57381	60236	6.65%	0.573%
53	13.913	1966	1968	1970	rVV	52212	39648	4.38%	0.377%
54	13.948	1970	1974	1979	rVV4	79766	111480	12.31%	1.060%
55	14.054	1990	1992	1997	rBV	19243	25218	2.79%	0.240%
56	14.142	2002	2007	2010	rVV2	668710	905274	100.00%	8.608%
57	14.166	2010	2011	2015	rVB	288559	201346	22.24%	1.914%
58	14.248	2023	2025	2027	rBV	34391	30960	3.42%	0.294%
59	14.495	2065	2067	2069	rBV	25732	24051	2.66%	0.229%
60	14.530	2071	2073	2076	rVB	53706	56271	6.22%	0.535%
61	15.054	2159	2162	2166	rBV2	42204	55334	6.11%	0.526%
62	15.224	2187	2191	2194	rBV	315804	474490	52.41%	4.512%
63	15.336	2208	2210	2215	rVB	55448	56913	6.29%	0.541%
64	15.548	2242	2246	2252	rVB	214605	264711	29.24%	2.517%
65	15.613	2253	2257	2262	rBV	248780	332883	36.77%	3.165%
66	15.683	2264	2269	2272	rBV	291438	388181	42.88%	3.691%
67	17.259	2532	2537	2545	rVB	149067	306445	33.85%	2.914%
68	17.742	2613	2619	2629	rVB	106699	225402	24.90%	2.143%

Sum of corrected areas: 10517081

LSC Report - Integrated Chromatogram

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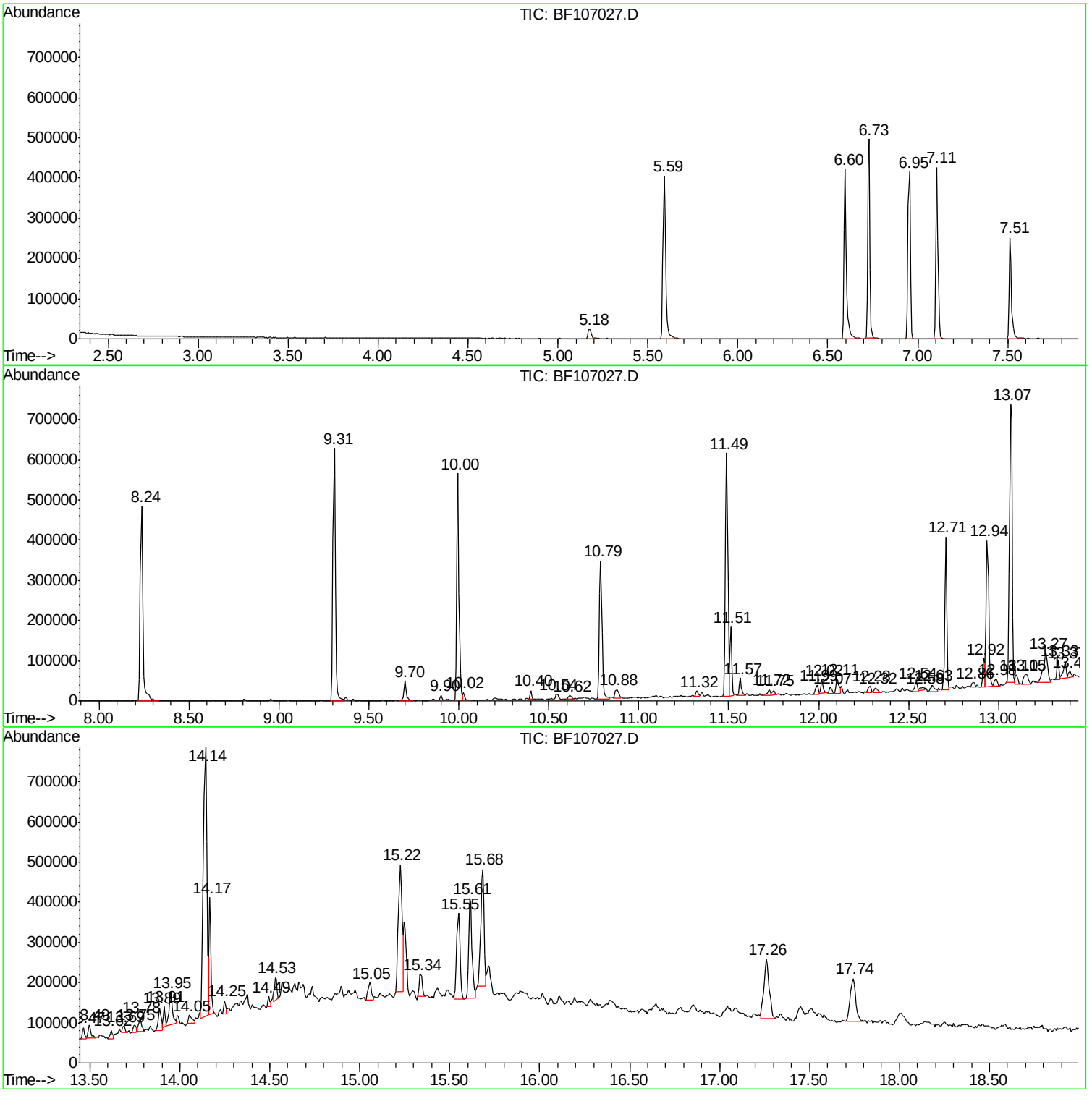
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-3

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107027.D
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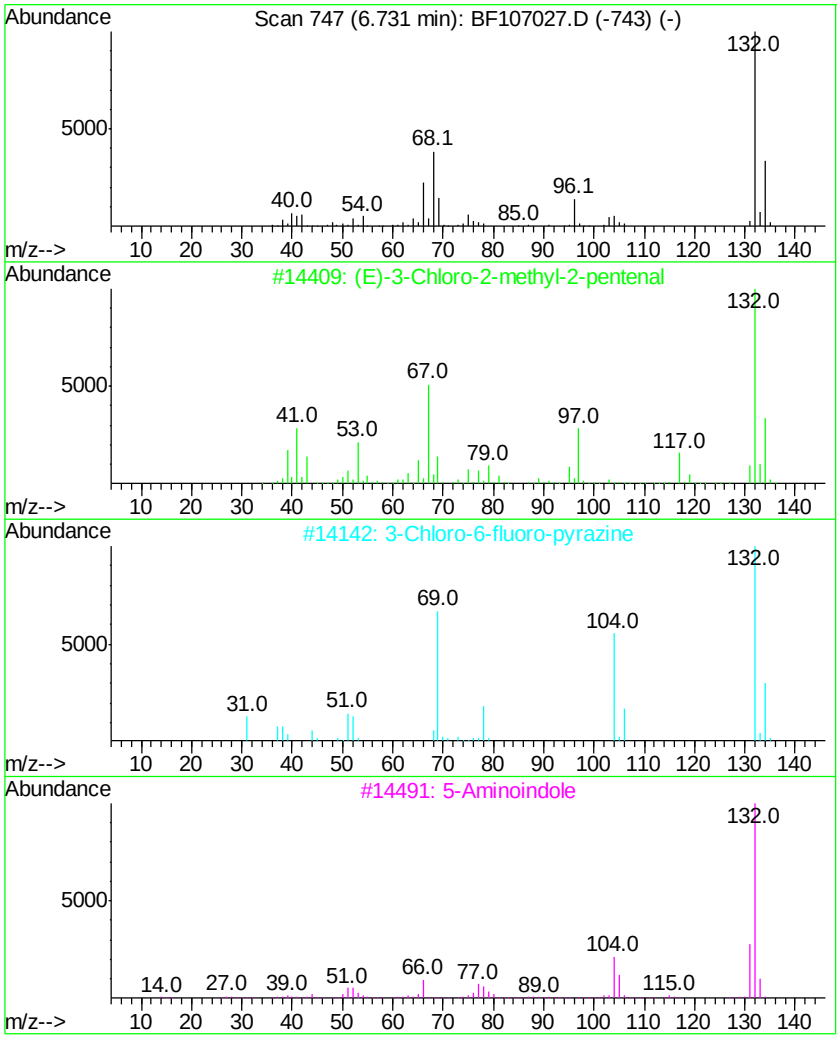
TIC Integration Parameters: LSCINT.P

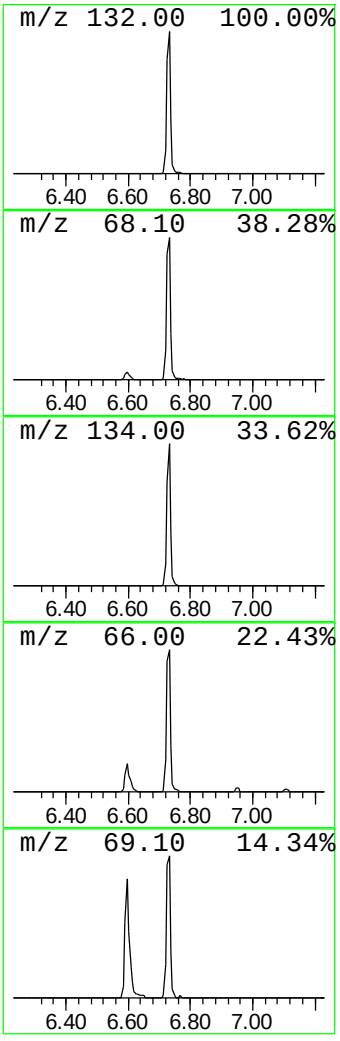
****

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	24.70 ng	429355	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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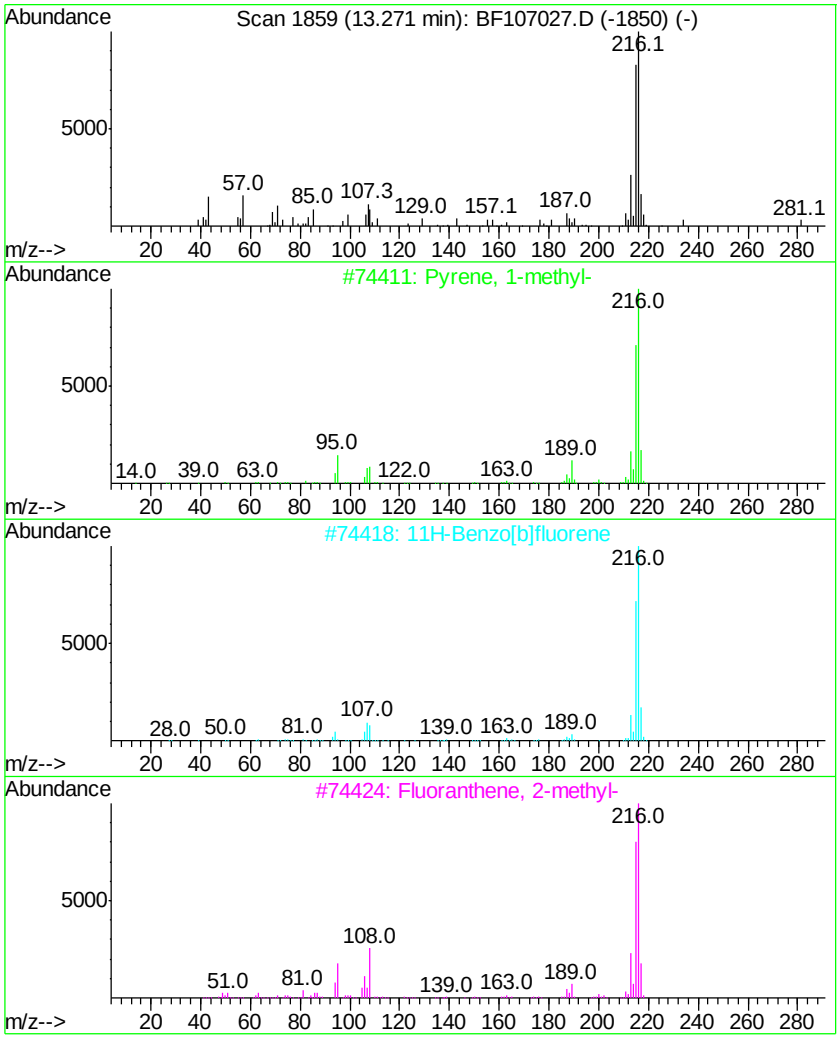
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

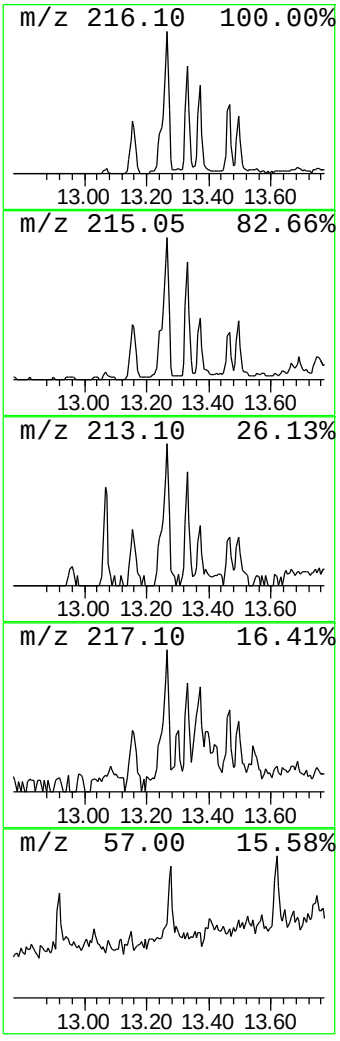
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.72 ng	123214	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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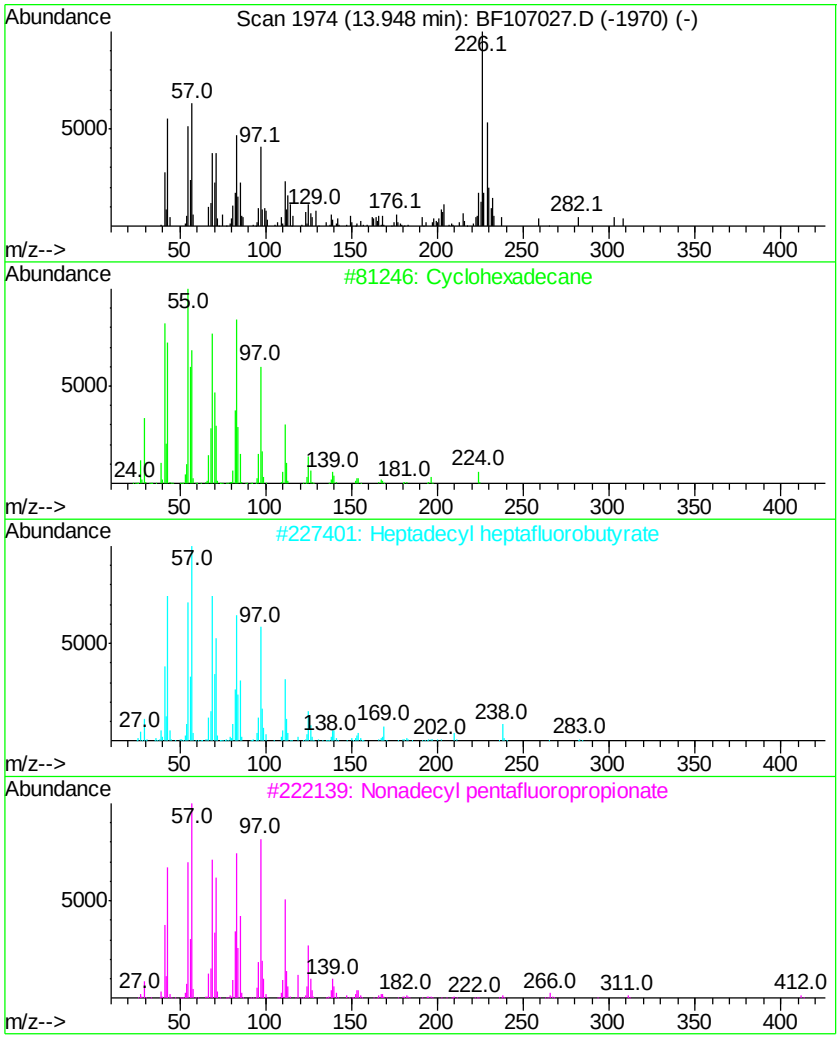
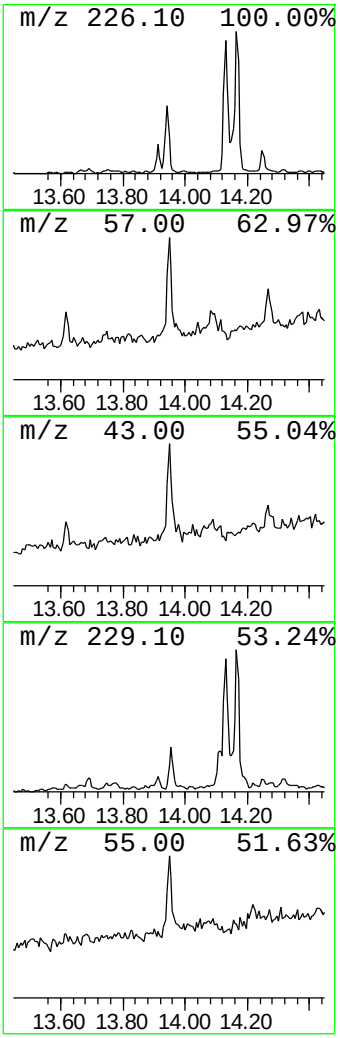
Peak Number 4 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.46 ng	111480	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	42
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	42
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	42
5	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	41





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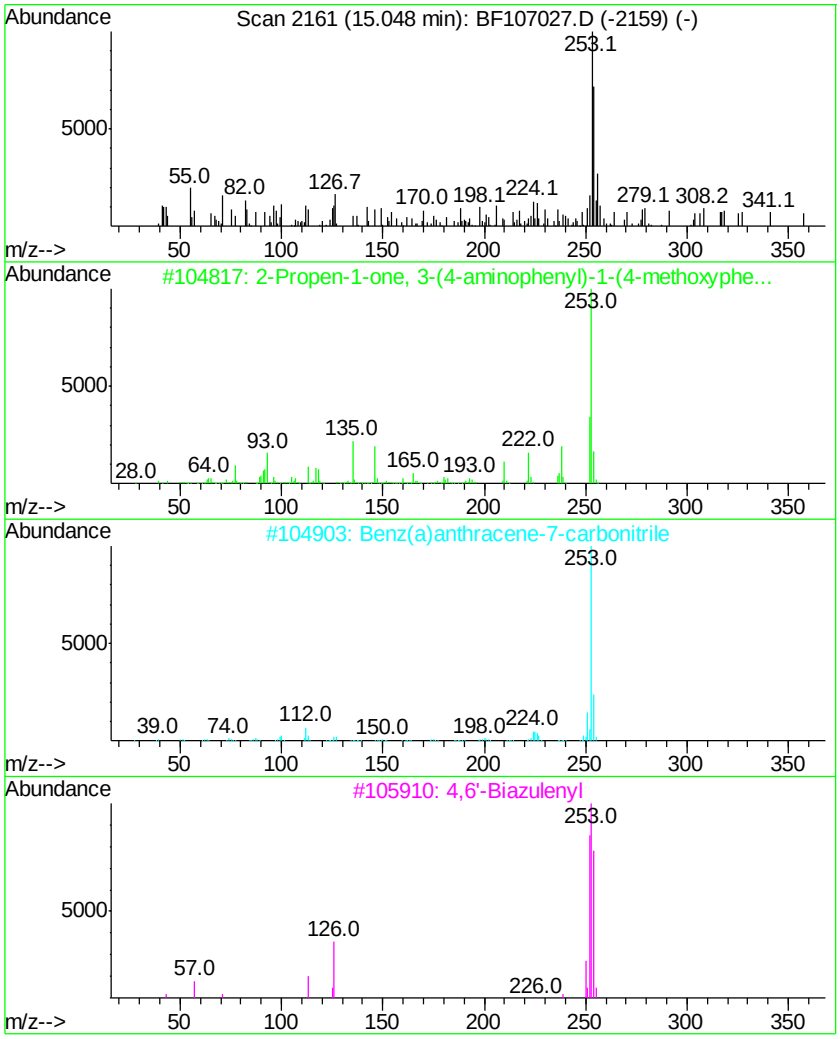
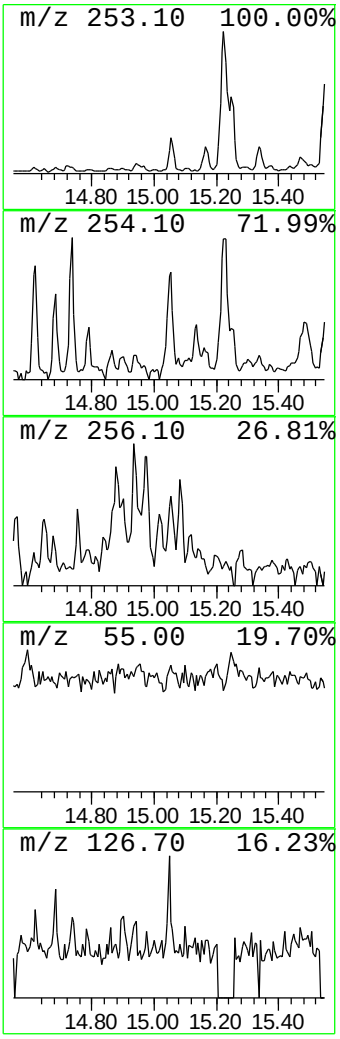
****

Peak Number 5 unknown15.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.85 ng	55334	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 3-(4-aminophenyl...	253	C16H15NO2	1000319-48-4	43
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	38
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	38
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	35





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
unknown6.73	6.73	24.7	ng	429355	1	6.95	347596	20.0
Pyrene, 1-methyl-	13.27	2.7	ng	123214	5	14.14	905274	20.0
Cyclohexadecane	13.95	2.5	ng	111480	5	14.14	905274	20.0
unknown15.05	15.05	2.9	ng	55334	6	15.68	388181	20.0