LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118939.D
Acq On : 14 Feb 2020 18:46
Operator : CG/JU
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-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-BF020320.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	2.146	6	10	22	rVB	57816	85599	1.93%	0.223%
2	4.992	491	494	505	rVB	137328	189779	4.27%	0.494%
3	5.404	559	564	579	rBV	4290511	4439864	100.00%	11.560%
4	6.416	731	736	739	rBV	3412152	3370332	75.91%	8.776%
5	6.775	793	797	801	rBV	1312710	1068762	24.07%	2.783%
6	6.933	820	824	827	rBV	3459966	3035496	68.37%	7.904%
7	7.339	888	893	896	rBV	2325145	2285784	51.48%	5.952%
8	8.057	1011	1015	1018	rBV	1656935	1381627	31.12%	3.597%
9	9.133	1193	1198	1201	rBV	4926988	4311442	97.11%	11.226%
10	9.522	1260	1264	1272	rVB	164223	148011	3.33%	0.385%
11	9.810	1309	1313	1316	rVB	1804116	1545080	34.80%	4.023%
12	10.592	1442	1446	1450	rBV	2548651	2531226	57.01%	6.591%
13	11.157	1536	1542	1545	rBV3	129996	125094	2.82%	0.326%
14	11.292	1561	1565	1567	rBV	1546005	1393281	31.38%	3.628%
15	11.310	1567	1568	1572	rVV	207985	172340	3.88%	0.449%
16	11.363	1572	1577	1580	rVB	70997	77992	1.76%	0.203%
17	11.821	1652	1655	1659	rBV	172891	166188	3.74%	0.433%
18	11.904	1665	1669	1671	rBV	78443	73173	1.65%	0.191%
19	12.268	1720	1731	1733	rBV	53116	115827	2.61%	0.302%
20	12.339	1740	1743	1746	rBV	68903	73134	1.65%	0.190%
21	12.380	1746	1750	1755	rVB3	52371	85107	1.92%	0.222%
22	12.427	1755	1758	1763	rBV3	39469	48369	1.09%	0.126%
23	12.498	1767	1770	1774	rBV	568144	539070	12.14%	1.404%
24	12.604	1784	1788	1791	rBV3	37346	52202	1.18%	0.136%
25	12.727	1802	1809	1812	rBV	555624	566312	12.76%	1.475%
26	12.874	1827	1834	1837	rBV	4878081	4312431	97.13%	11.229%
27	12.945	1842	1846	1850	rBV3	50969	82080	1.85%	0.214%
28	13.039	1858	1862	1863	rBV4	41112	51747	1.17%	0.135%
29	13.057	1863	1865	1868	rVB	120968	101152	2.28%	0.263%
30	13.121	1872	1876	1879	rVB2	76550	81616	1.84%	0.213%
31	13.162	1879	1883	1891	rBV2	90739	150818	3.40%	0.393%
32	13.251	1896	1898	1901	rVB	56714	51239	1.15%	0.133%
33	13.286	1901	1904	1907	rBV	56516	58168	1.31%	0.151%
34	13.568	1949	1952	1956	rVB	43100	52795	1.19%	0.137%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.727	1977	1979	1985	rBV3	36529	59445	1.34%	0.155%
36	13.786	1985	1989	1997	rVV4	172928	333557	7.51%	0.869%
37	13.927	2007	2013	2015	rBV2	1547649	1864462	41.99%	4.855%
38	13.951	2015	2017	2020	rVB	302561	244835	5.51%	0.637%
39	14.309	2074	2078	2082	rBV	88755	140352	3.16%	0.365%
40	14.398	2091	2093	2096	rBV3	49706	54042	1.22%	0.141%
41	14.698	2141	2144	2147	rBV2	54478	55382	1.25%	0.144%
42	14.951	2183	2187	2190	rBV	267833	401826	9.05%	1.046%
43	15.021	2196	2199	2202	rVB	86382	80786	1.82%	0.210%
44	15.056	2202	2205	2209	rBV	41816	65908	1.48%	0.172%
45	15.239	2233	2236	2241	rVB	173149	208922	4.71%	0.544%
46	15.298	2242	2246	2251	rVV	224746	277169	6.24%	0.722%
47	15.362	2252	2257	2268	rVB	928546	1385011	31.19%	3.606%
48	16.768	2492	2496	2505	rVB2	128789	240622	5.42%	0.627%
49	17.192	2564	2568	2577	rVB	88338	170475	3.84%	0.444%

Sum of corrected areas: 38405931

LSC Report - Integrated Chromatogram

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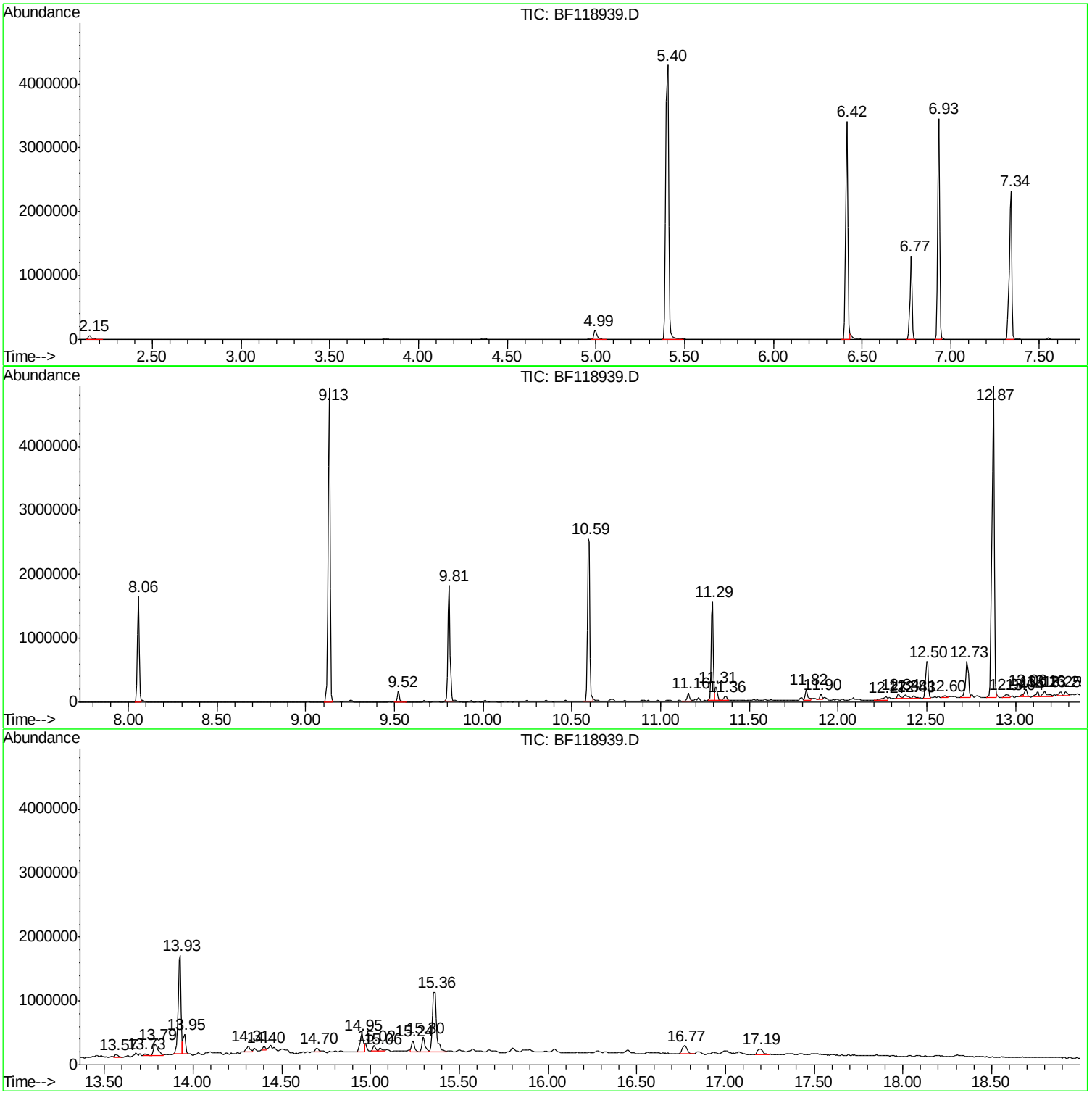
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF021420\
Data File : BF118939.D
Acq On : 14 Feb 2020 18:46
Operator : CG/JU
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

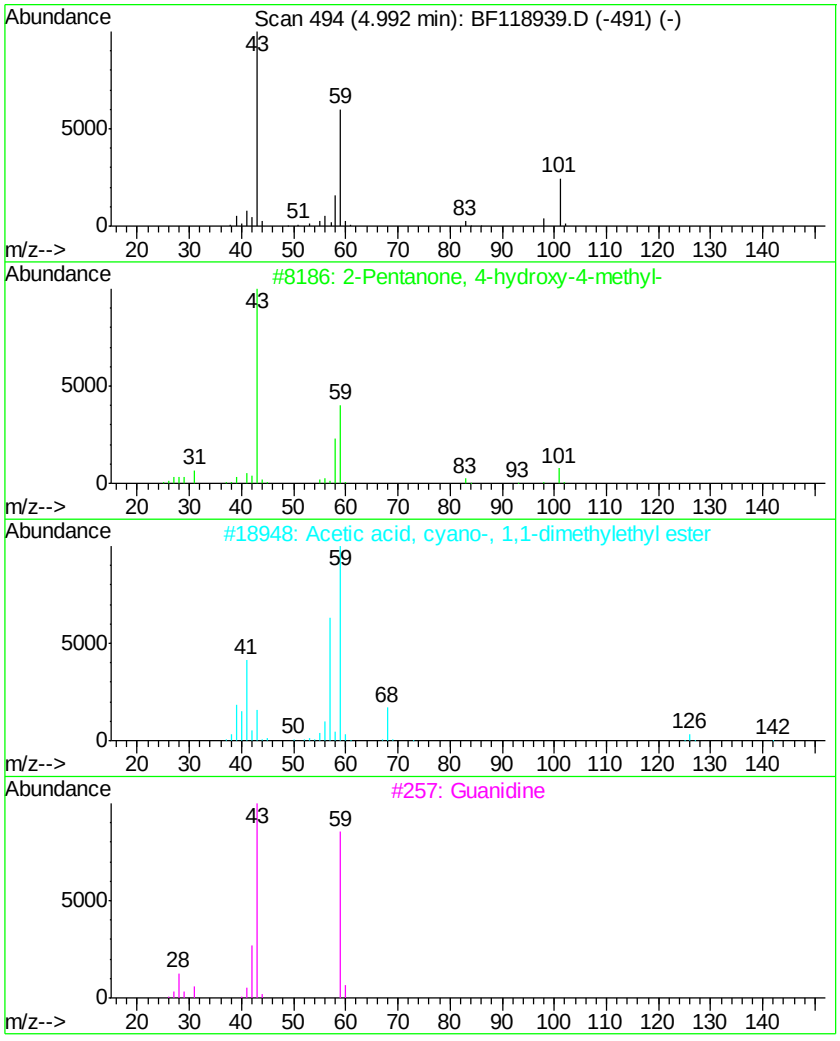
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

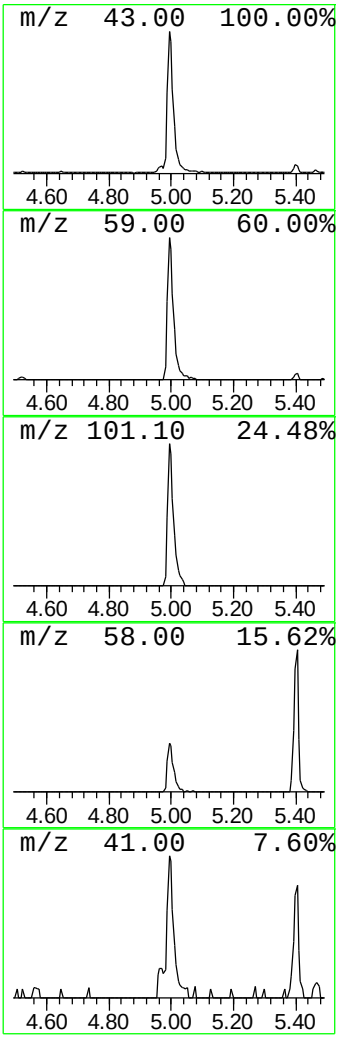
****

Peak Number 1 unknown4.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.55 ng	189779	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Data File : BF118939.D
Acq On : 14 Feb 2020 18:46
Operator : CG/JU
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

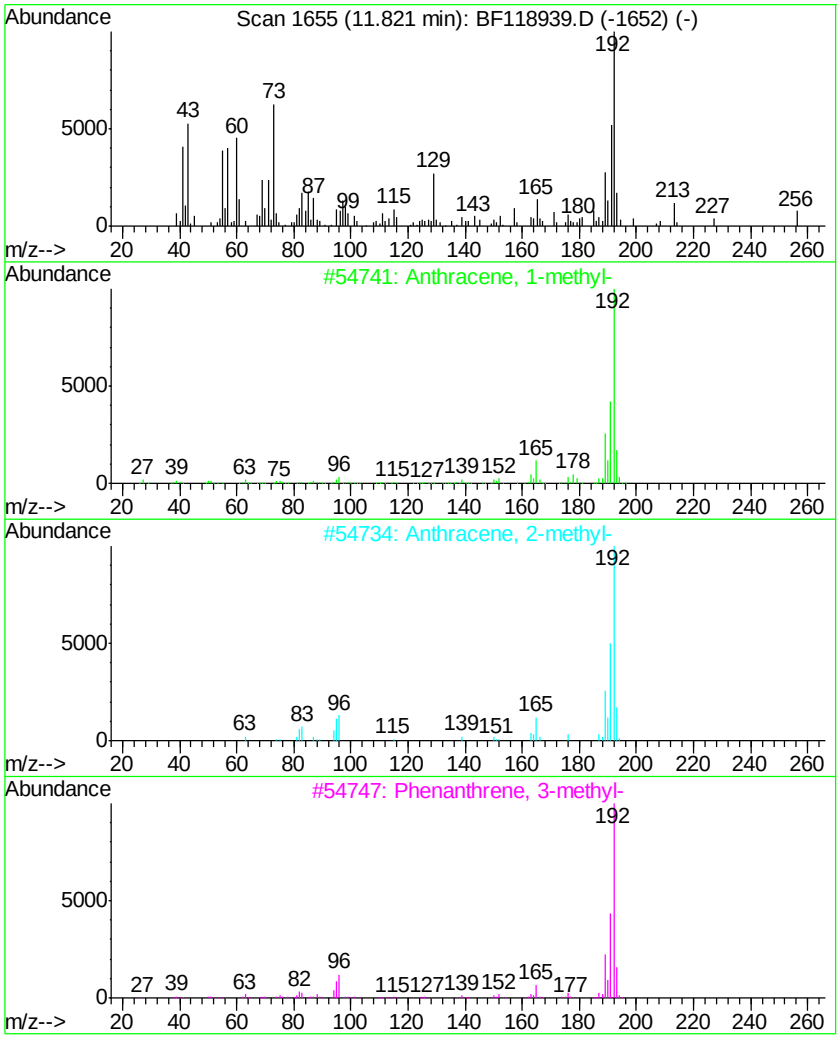
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

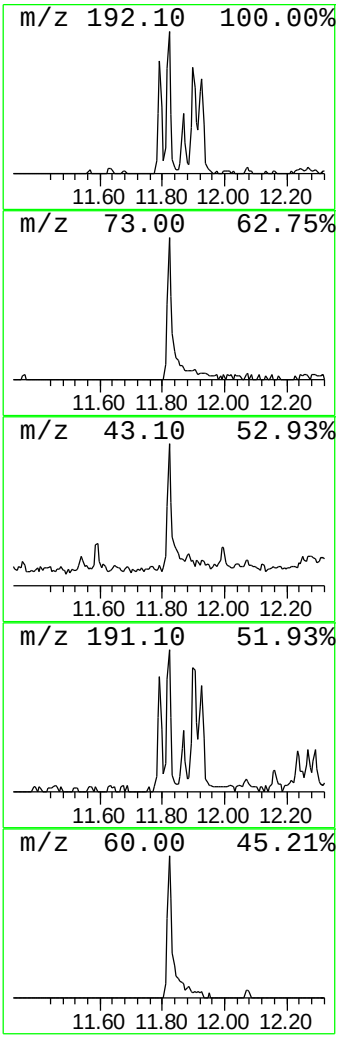
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.39 ng	166188	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118939.D
Acq On : 14 Feb 2020 18:46
Operator : CG/JU
Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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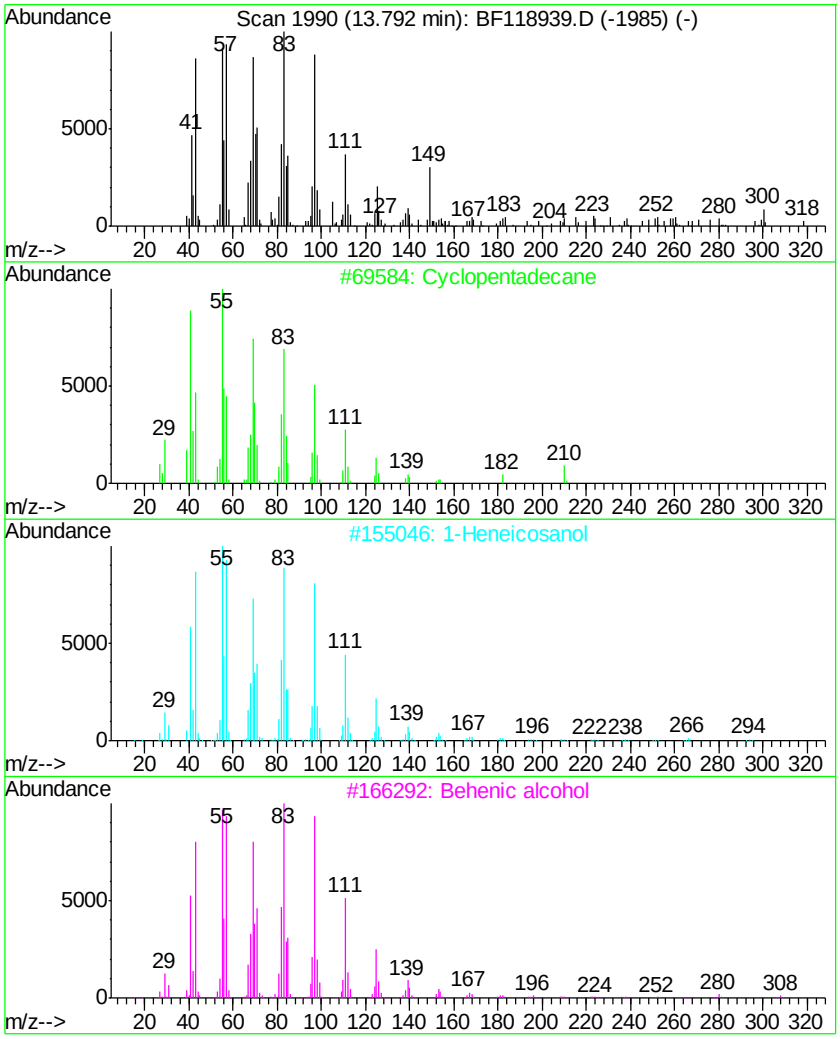
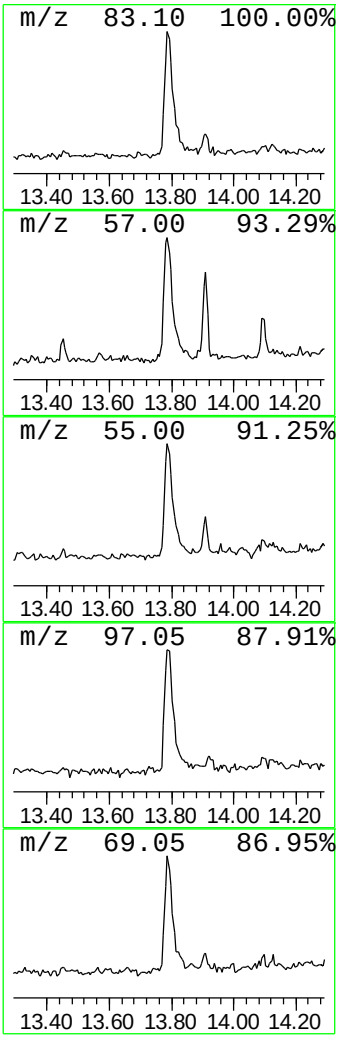
Peak Number 4 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.58 ng	333557	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
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Sample : L1528-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-048-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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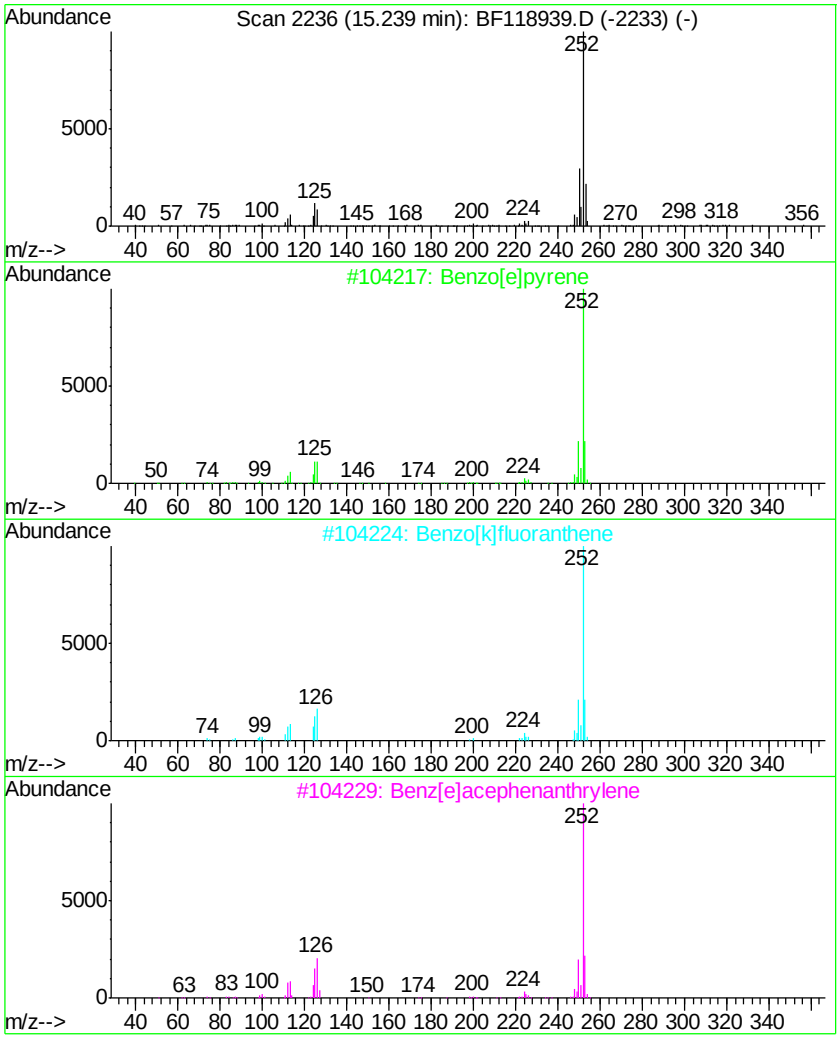
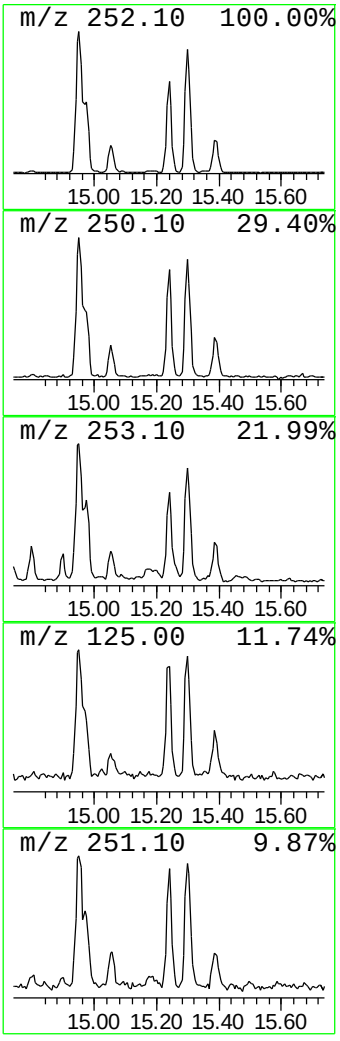
Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.02 ng	208922	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.99	4.99	3.5	ng	189779	1	6.77	1068760	20.0
Anthracene, 1-met...	11.82	2.4	ng	166188	4	11.29	1393280	20.0
Cyclopentadecane	13.79	3.6	ng	333557	5	13.93	1864460	20.0
Benzo[e]pyrene	15.24	3.0	ng	208922	6	15.36	1385010	20.0