LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112095.D
Acq On : 17 Jan 2019 17:52
Operator : JU/SJ
Sample : K1167-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

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-BF011619.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	2.116	3	5	16	rVB2	104321	169761	3.86%	0.261%
2	5.063	503	506	515	rVB	137716	155986	3.54%	0.240%
3	5.492	575	579	592	rBV	3102833	2748604	62.44%	4.232%
4	6.504	747	751	769	rBV	3392048	3130340	71.11%	4.819%
5	6.634	769	773	781	rBV	3528118	3114854	70.76%	4.796%
6	6.863	808	812	819	rBV	2107052	1747980	39.71%	2.691%
7	7.016	835	838	842	rBV	2777843	2382878	54.13%	3.669%
8	7.422	903	907	912	rBV	1834368	1752776	39.82%	2.699%
9	8.145	1026	1030	1033	rBV	2723518	2259973	51.34%	3.479%
10	8.857	1148	1151	1156	rVB	65613	50583	1.15%	0.078%
11	8.957	1165	1168	1173	rVB	69661	57885	1.31%	0.089%
12	9.216	1208	1212	1215	rBV	4019488	3087628	70.14%	4.754%
13	9.557	1266	1270	1273	rBV	71121	73013	1.66%	0.112%
14	9.610	1276	1279	1287	rVV	313247	290229	6.59%	0.447%
15	9.674	1287	1290	1298	rVB	37994	47586	1.08%	0.073%
16	9.757	1301	1304	1308	rBV	131574	115113	2.61%	0.177%
17	9.898	1324	1328	1331	rBV2	2739514	2311984	52.52%	3.560%
18	9.933	1331	1334	1337	rVB	265568	243565	5.53%	0.375%
19	10.104	1358	1363	1367	rBV	157319	146309	3.32%	0.225%
20	10.445	1418	1421	1426	rVB	281391	247542	5.62%	0.381%
21	10.539	1434	1437	1439	rBV2	59502	67671	1.54%	0.104%
22	10.604	1445	1448	1451	rVB	77226	68984	1.57%	0.106%
23	10.686	1458	1462	1469	rBV	2119864	1898009	43.12%	2.922%
24	10.810	1478	1483	1487	rVB3	61189	83624	1.90%	0.129%
25	10.992	1508	1514	1517	rBV5	71053	109715	2.49%	0.169%
26	11.121	1531	1536	1538	rBV3	57707	68871	1.56%	0.106%
27	11.145	1538	1540	1544	rVV	69337	69705	1.58%	0.107%
28	11.192	1544	1548	1551	rVV	148109	143189	3.25%	0.220%
29	11.245	1551	1557	1559	rVV2	54927	92737	2.11%	0.143%
30	11.280	1560	1563	1569	rVB	162145	158205	3.59%	0.244%
31	11.386	1577	1581	1583	rBV	2485885	2191062	49.77%	3.373%
32	11.410	1583	1585	1589	rVV	3008263	2334664	53.04%	3.594%
33	11.463	1589	1594	1597	rVV	643693	602442	13.69%	0.928%
34	11.492	1597	1599	1603	rVB2	75860	73902	1.68%	0.114%

LSC Area Percent Report

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Acq On : 17 Jan 2019 17:52
Operator : JU/SJ
Sample : K1167-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.616	1614	1620	1623	rBV2	294358	331077	7.52%	0.510%
36	11.680	1628	1631	1634	rVV3	82684	88904	2.02%	0.137%
37	11.716	1634	1637	1642	rVB2	85166	89267	2.03%	0.137%
38	11.886	1661	1666	1668	rBV	397009	350849	7.97%	0.540%
39	11.916	1668	1671	1674	rVV	527768	477108	10.84%	0.735%
40	11.963	1676	1679	1682	rVV	189802	166502	3.78%	0.256%
41	11.998	1682	1685	1688	rVV	582819	668620	15.19%	1.029%
42	12.021	1688	1689	1693	rVB	287632	173558	3.94%	0.267%
43	12.063	1693	1696	1698	rBV2	43528	49268	1.12%	0.076%
44	12.086	1698	1700	1703	rVB3	44425	49168	1.12%	0.076%
45	12.180	1713	1716	1718	rBV	258908	208574	4.74%	0.321%
46	12.210	1718	1721	1727	rVB2	202800	206887	4.70%	0.319%
47	12.333	1739	1742	1744	rVB	91684	72648	1.65%	0.112%
48	12.363	1744	1747	1749	rBV	90362	66977	1.52%	0.103%
49	12.386	1749	1751	1754	rVB2	80579	63852	1.45%	0.098%
50	12.439	1755	1760	1763	rBV	239615	307768	6.99%	0.474%
51	12.474	1763	1766	1768	rVV2	132652	159140	3.62%	0.245%
52	12.521	1772	1774	1780	rVB	213013	216083	4.91%	0.333%
53	12.604	1784	1788	1791	rBV	3754278	3344173	75.97%	5.149%
54	12.663	1796	1798	1801	rVB2	96103	82681	1.88%	0.127%
55	12.692	1801	1803	1806	rVB	69341	60516	1.37%	0.093%
56	12.733	1806	1810	1811	rBV3	68706	95450	2.17%	0.147%
57	12.751	1811	1813	1816	rVB	98904	80904	1.84%	0.125%
58	12.833	1820	1827	1832	rBV	3261159	3674527	83.47%	5.657%
59	12.880	1832	1835	1840	rVB2	124960	149643	3.40%	0.230%
60	12.968	1843	1850	1853	rBV	2903299	2846131	64.65%	4.382%
61	13.051	1858	1864	1867	rBV3	226241	383483	8.71%	0.590%
62	13.133	1875	1878	1880	rBV3	175208	210278	4.78%	0.324%
63	13.157	1880	1882	1885	rVB	471016	374059	8.50%	0.576%
64	13.198	1885	1889	1891	rBV4	45910	70799	1.61%	0.109%
65	13.221	1891	1893	1896	rBV	282444	227066	5.16%	0.350%
66	13.262	1896	1900	1903	rVV2	343712	372758	8.47%	0.574%
67	13.315	1907	1909	1913	rBV3	58171	58346	1.33%	0.090%
68	13.357	1913	1916	1918	rVB	176979	148208	3.37%	0.228%
69	13.386	1918	1921	1924	rBV	207767	194631	4.42%	0.300%
70	13.539	1944	1947	1949	rBV3	102186	117142	2.66%	0.180%
71	13.639	1961	1964	1965	rBV2	62706	61123	1.39%	0.094%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
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72	13.662	1965	1968	1973	rVB	312735	349293	7.93%	0.538%
73	13.774	1983	1987	1990	rBV2	295860	379777	8.63%	0.585%
74	13.804	1990	1992	1994	rVV	305379	262059	5.95%	0.403%
75	13.833	1994	1997	2000	rVV2	245505	384868	8.74%	0.593%
76	13.868	2000	2003	2008	rVB2	447749	598370	13.59%	0.921%
77	14.027	2022	2030	2033	rBV2	2878908	4402103	100.00%	6.778%
78	14.057	2033	2035	2040	rVB	1607004	1368874	31.10%	2.108%
79	14.133	2046	2048	2052	rVB	248118	195644	4.44%	0.301%
80	14.251	2065	2068	2072	rBV2	172952	223264	5.07%	0.344%
81	14.415	2093	2096	2099	rVB	344628	314622	7.15%	0.484%
82	14.445	2099	2101	2105	rVB	164929	159257	3.62%	0.245%
83	14.492	2106	2109	2111	rBV3	169718	212522	4.83%	0.327%
84	14.539	2115	2117	2119	rBV	177729	151743	3.45%	0.234%
85	15.074	2204	2208	2211	rBV	1256737	1876533	42.63%	2.889%
86	15.180	2223	2226	2230	rVB	253151	245834	5.58%	0.378%
87	15.380	2256	2260	2265	rVB	685962	931178	21.15%	1.434%
88	15.439	2266	2270	2276	rBV	1053493	1290592	29.32%	1.987%
89	15.504	2277	2281	2285	rBV	1265159	1737514	39.47%	2.675%
90	16.986	2528	2533	2541	rVB2	409801	803032	18.24%	1.236%
91	17.433	2604	2609	2618	rVB	314461	669039	15.20%	1.030%

Sum of corrected areas: 64951655

LSC Report - Integrated Chromatogram

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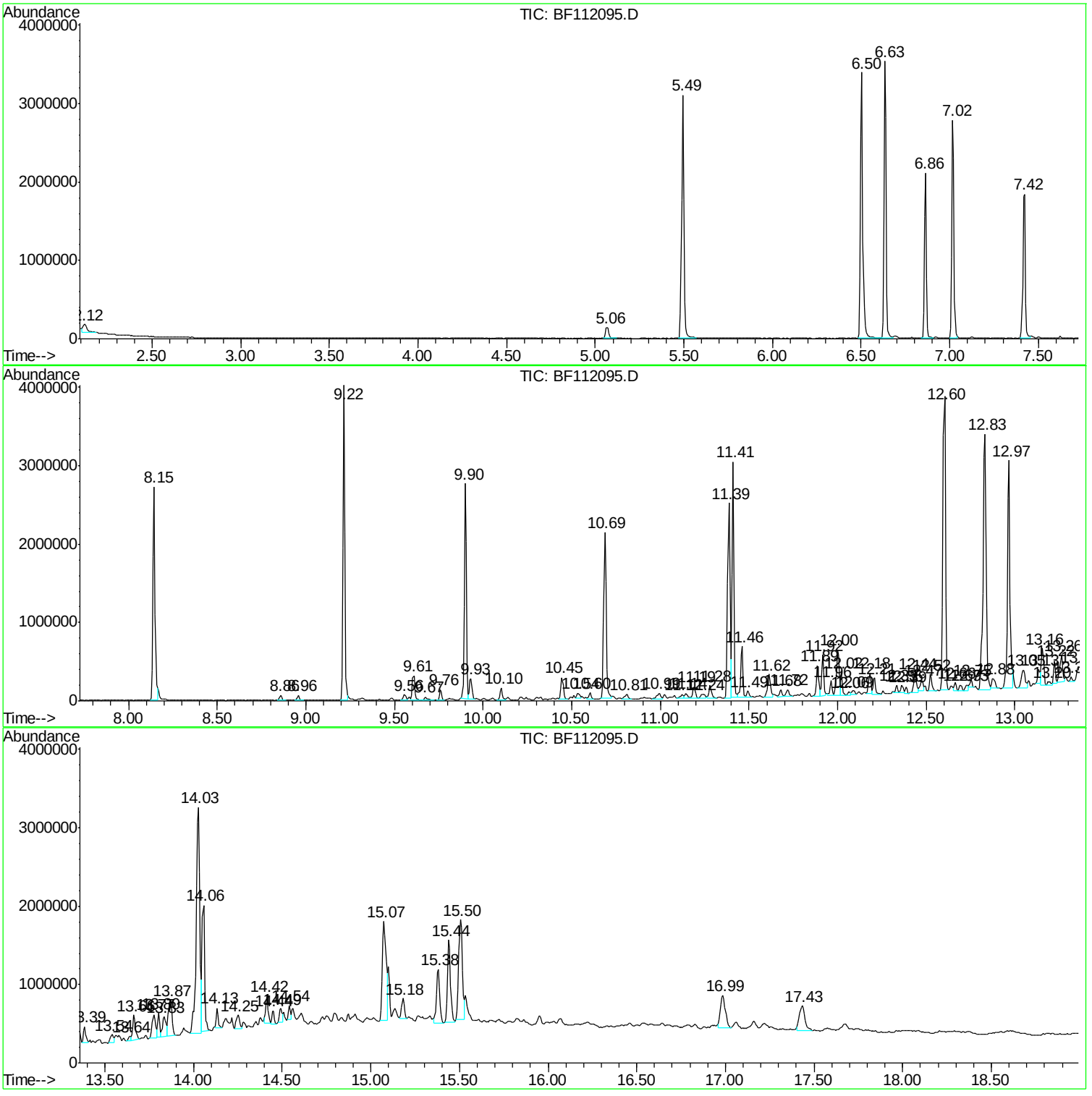
Operator : JU/SJ
Sample : K1167-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF011719\
Data File : BF112095.D
Acq On : 17 Jan 2019 17:52
Operator : JU/SJ
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

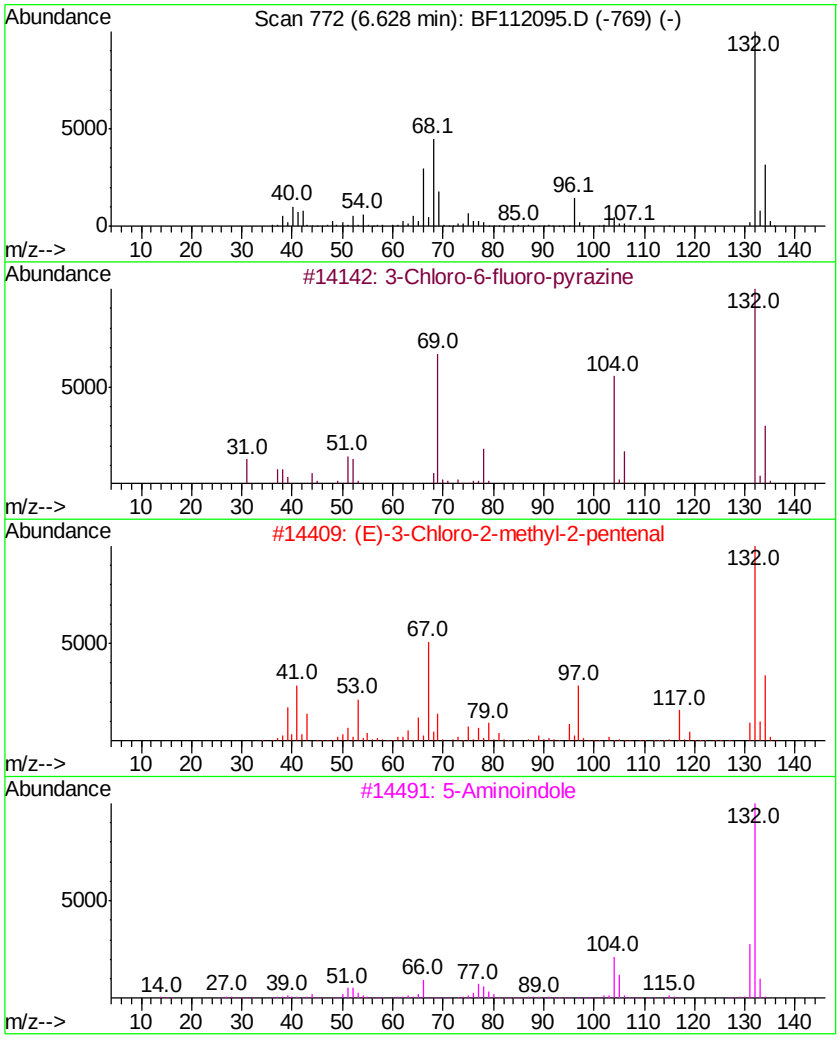
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

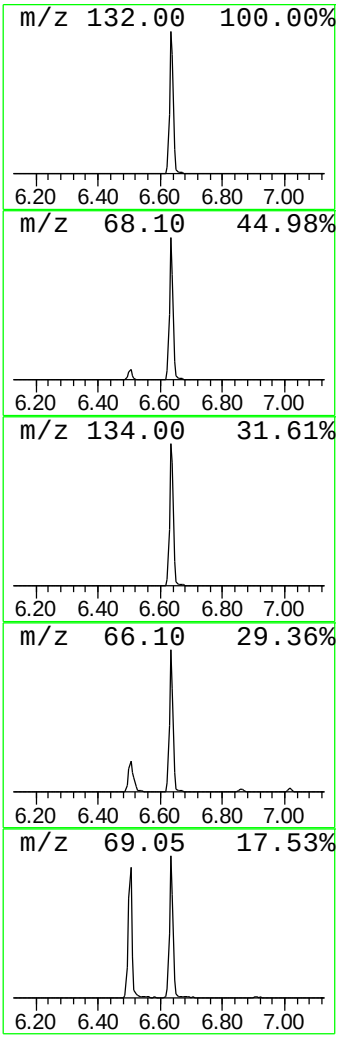
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	35.64 ng	3114850	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Sample : K1167-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

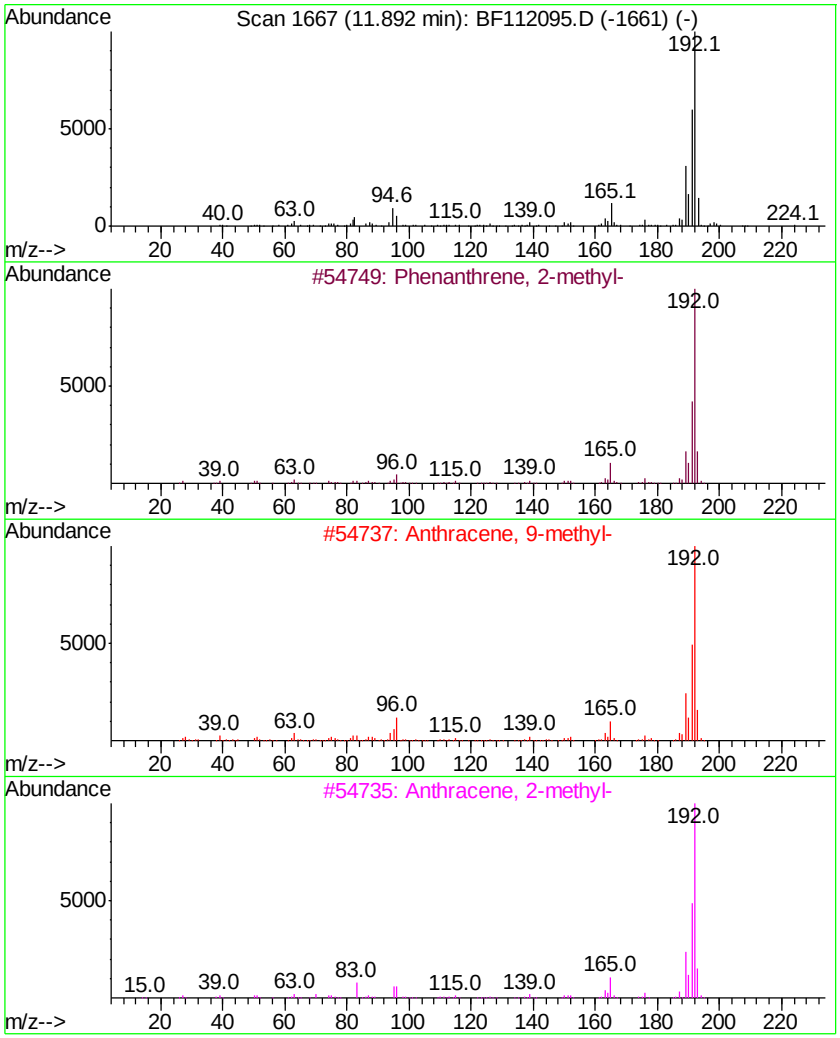
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

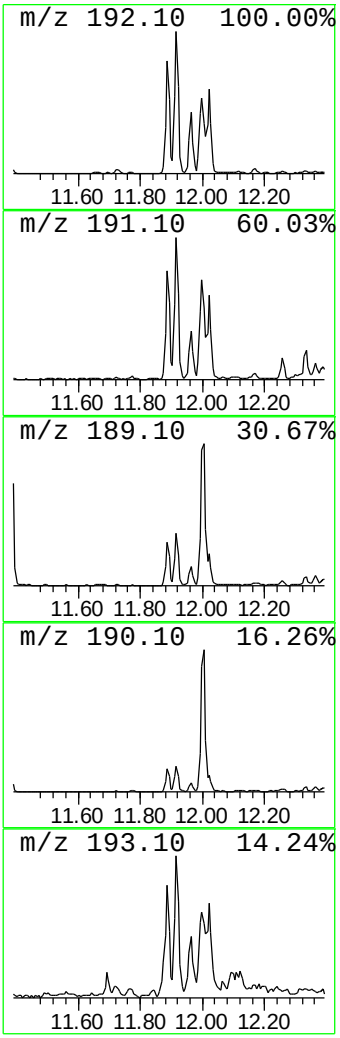
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.20 ng	350849	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

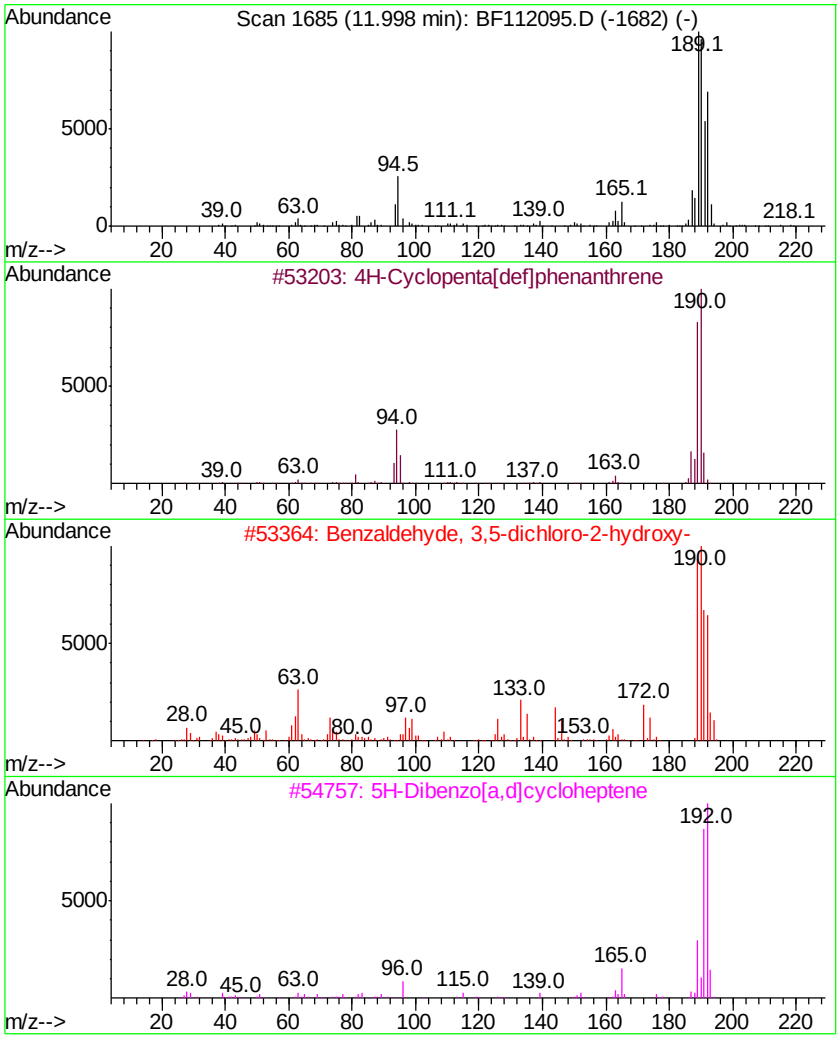
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

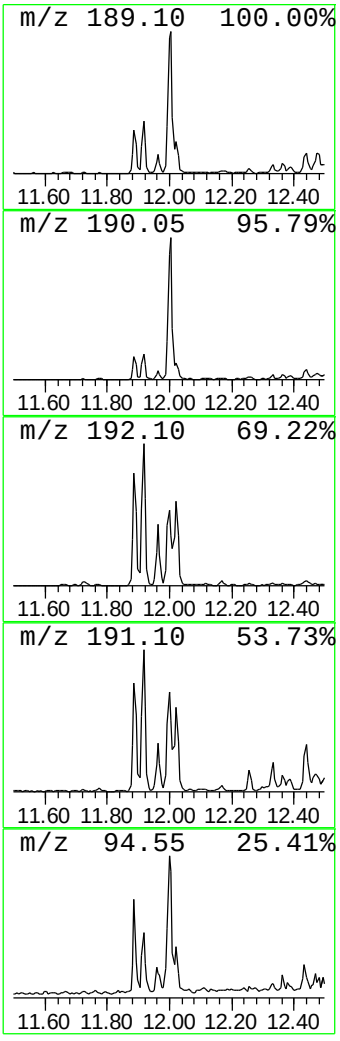
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.10 ng	668620	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	35





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Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
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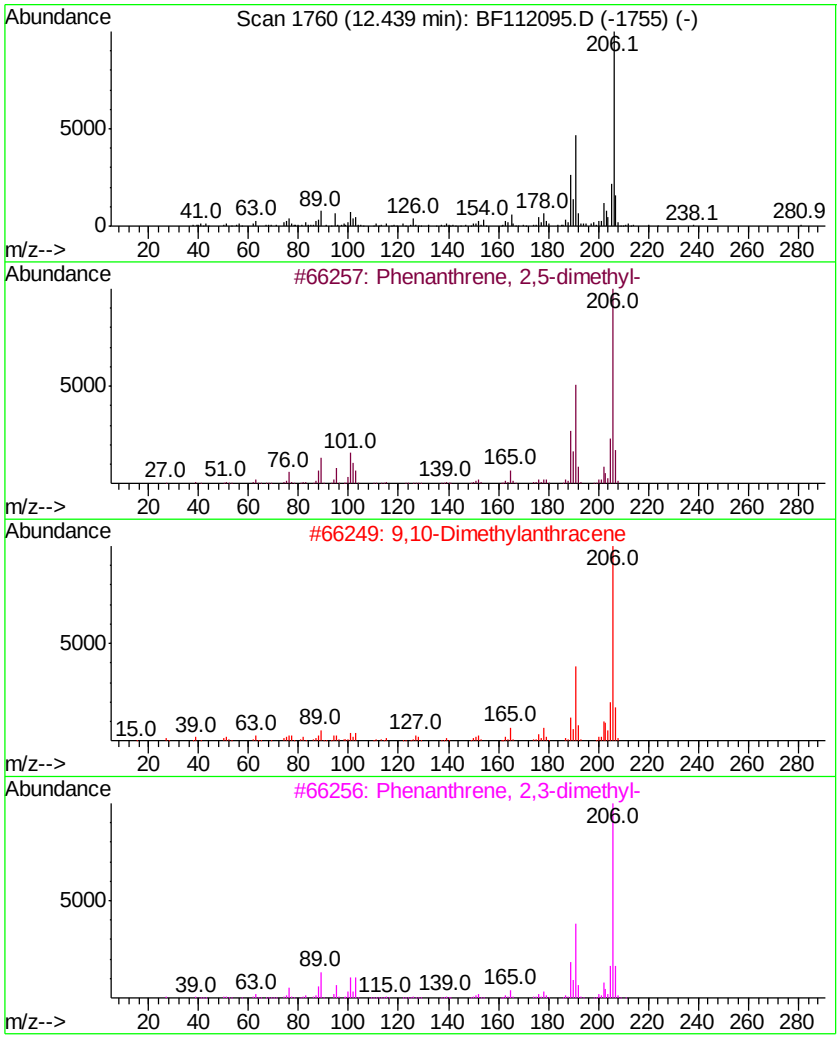
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

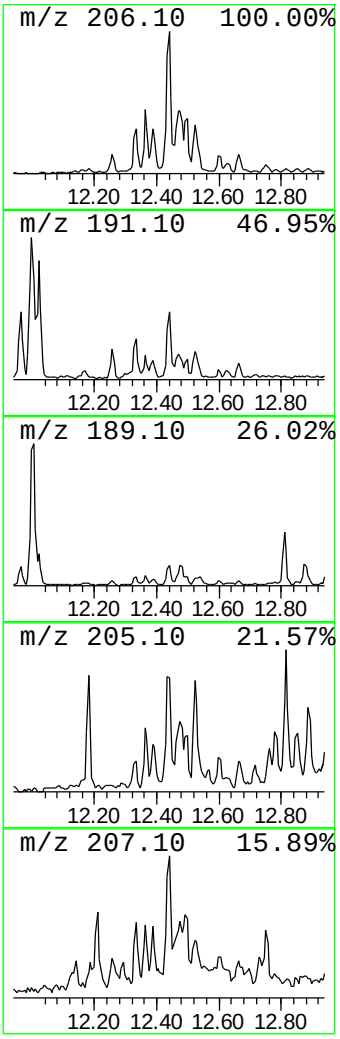
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.81 ng	307768	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Misc :
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Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

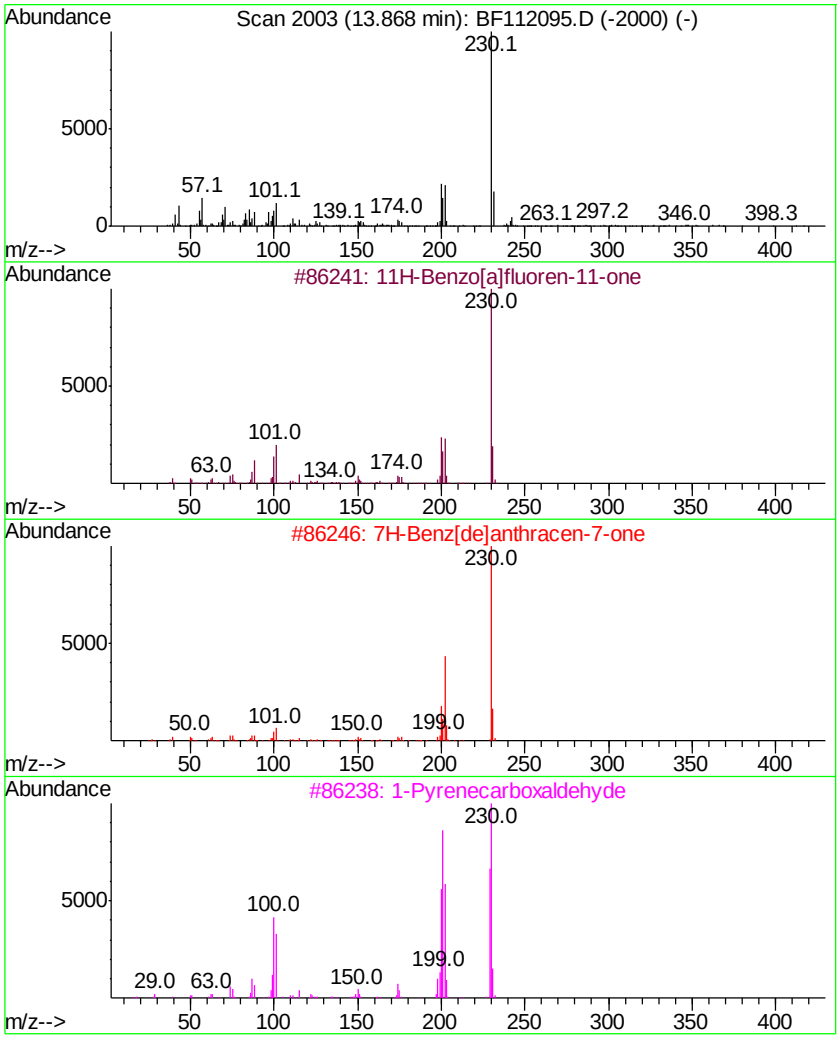
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

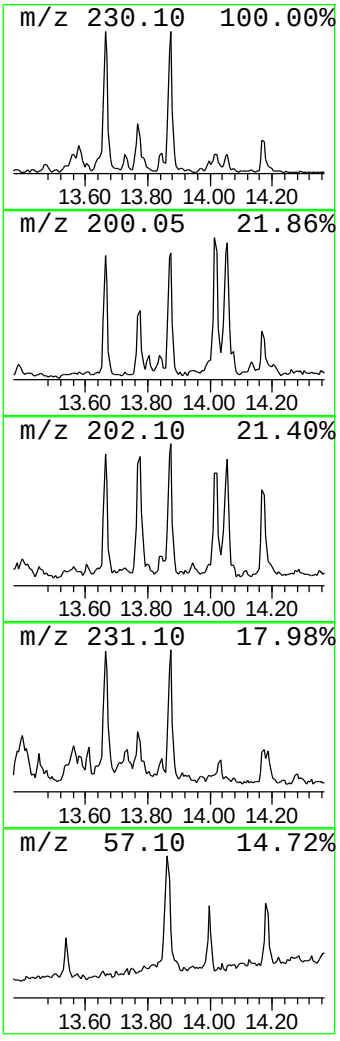
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.72 ng	598370	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

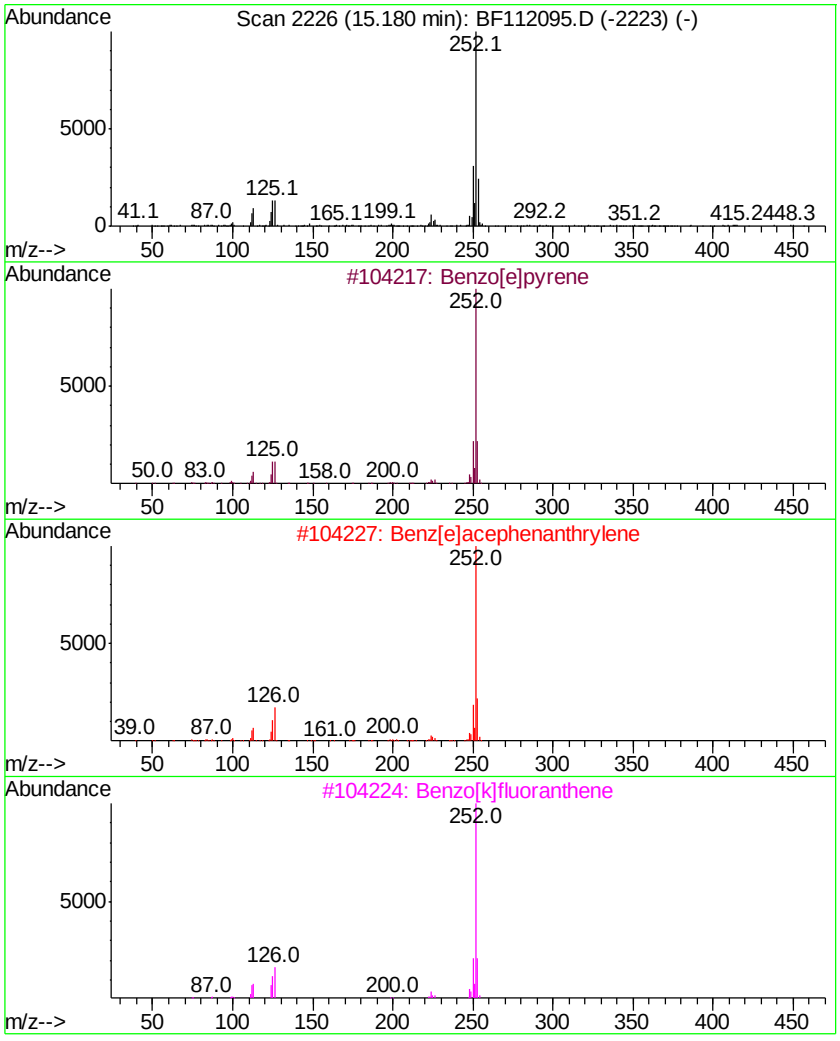
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

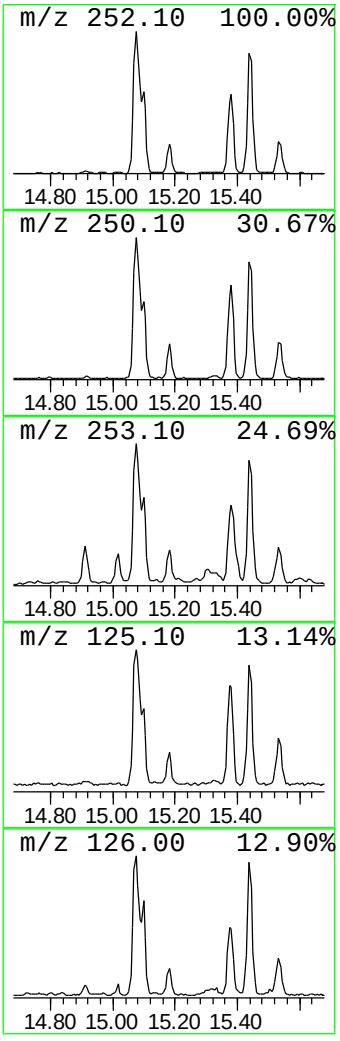
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.83 ng	245834	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
Data File : BF112095.D
Acq On : 17 Jan 2019 17:52
Operator : JU/SJ
Sample : K1167-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-NORTH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.63	6.63	35.6	ng	3114850	1	6.86	1747980	20.0
Phenanthrene, 2-m...	11.89	3.2	ng	350849	4	11.39	2191060	20.0
4H-Cyclopenta[def...	12.00	6.1	ng	668620	4	11.39	2191060	20.0
Phenanthrene, 2,5...	12.44	2.8	ng	307768	4	11.39	2191060	20.0
11H-Benzo[a]fluor...	13.87	2.7	ng	598370	5	14.03	4402100	20.0
Benzo[e]pyrene	15.18	2.8	ng	245834	6	15.50	1737510	20.0