LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121831.D
Acq On : 5 Oct 2020 22:25
Operator : JU/CG
Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

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-BF091020.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	4.957	485	488	498	rBV	16449	22986	1.66%	0.135%
2	5.375	556	559	576	rBV	1136619	1240324	89.41%	7.288%
3	6.404	730	734	752	rBV	1231987	1271902	91.69%	7.474%
4	6.604	763	768	780	rBV2	14544	33136	2.39%	0.195%
5	6.763	791	795	804	rVB	822932	637735	45.97%	3.747%
6	7.328	887	891	905	rBV	888498	839636	60.53%	4.934%
7	8.045	1009	1013	1028	rBV	896079	799285	57.62%	4.697%
8	9.122	1192	1196	1206	rBV	1587749	1387248	100.00%	8.151%
9	9.516	1259	1263	1271	rBV	133714	118090	8.51%	0.694%
10	9.657	1284	1287	1291	rBV	19296	18490	1.33%	0.109%
11	9.798	1307	1311	1315	rBV	994953	805956	58.10%	4.736%
12	10.586	1441	1445	1457	rVB	785621	710379	51.21%	4.174%
13	10.710	1461	1466	1470	rBV4	21134	29609	2.13%	0.174%
14	11.180	1543	1546	1553	rVB3	14517	18089	1.30%	0.106%
15	11.280	1560	1563	1566	rBV	788963	731391	52.72%	4.298%
16	11.304	1566	1567	1571	rVV	109043	76716	5.53%	0.451%
17	11.357	1574	1576	1579	rVB	33765	28631	2.06%	0.168%
18	11.522	1600	1604	1609	rBV5	10326	21106	1.52%	0.124%
19	11.575	1611	1613	1616	rVV	23120	19410	1.40%	0.114%
20	11.610	1616	1619	1625	rVB4	12883	19076	1.38%	0.112%
21	11.786	1645	1649	1651	rBV	56243	55198	3.98%	0.324%
22	11.810	1651	1653	1657	rVB	73049	63315	4.56%	0.372%
23	11.863	1658	1662	1664	rBV	29896	31588	2.28%	0.186%
24	11.892	1664	1667	1670	rVV2	108058	123291	8.89%	0.724%
25	11.916	1670	1671	1675	rVB	59757	46291	3.34%	0.272%
26	11.980	1675	1682	1686	rBV6	14902	30642	2.21%	0.180%
27	12.022	1686	1689	1692	rBV2	16583	17660	1.27%	0.104%
28	12.080	1696	1699	1701	rVV2	41539	37731	2.72%	0.222%
29	12.110	1701	1704	1709	rVB4	31914	30913	2.23%	0.182%
30	12.227	1722	1724	1726	rBV	23363	15344	1.11%	0.090%
31	12.257	1726	1729	1731	rVB	23686	18623	1.34%	0.109%
32	12.280	1731	1733	1736	rVB2	19375	15937	1.15%	0.094%
33	12.333	1738	1742	1744	rBV	99615	96382	6.95%	0.566%
34	12.369	1744	1748	1754	rVB4	73575	152471	10.99%	0.896%

LSC Area Percent Report

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Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.422	1754	1757	1761	rBV3	60771	70209	5.06%	0.413%
36	12.492	1766	1769	1773	rVB	298860	273422	19.71%	1.607%
37	12.539	1774	1777	1779	rBV	27991	27738	2.00%	0.163%
38	12.557	1779	1780	1784	rVB3	24611	21440	1.55%	0.126%
39	12.627	1789	1792	1794	rBV2	18112	21875	1.58%	0.129%
40	12.722	1803	1808	1814	rBV	518375	524169	37.78%	3.080%
41	12.780	1814	1818	1822	rVB2	42244	54175	3.91%	0.318%
42	12.839	1825	1828	1829	rBV2	18510	15188	1.09%	0.089%
43	12.863	1829	1832	1839	rVB	1311113	1191595	85.90%	7.002%
44	12.939	1842	1845	1852	rBV2	88889	140704	10.14%	0.827%
45	12.998	1852	1855	1857	rBV3	33184	29528	2.13%	0.174%
46	13.027	1857	1860	1862	rBV3	69207	87521	6.31%	0.514%
47	13.051	1862	1864	1867	rVB	94950	83429	6.01%	0.490%
48	13.116	1867	1875	1878	rBV2	66011	107539	7.75%	0.632%
49	13.157	1878	1882	1884	rBV	116524	106899	7.71%	0.628%
50	13.251	1894	1898	1900	rBV	102823	100042	7.21%	0.588%
51	13.280	1900	1903	1906	rVV	99444	89891	6.48%	0.528%
52	13.539	1944	1947	1948	rBV3	26844	29378	2.12%	0.173%
53	13.563	1948	1951	1955	rVB	77419	98000	7.06%	0.576%
54	13.621	1959	1961	1963	rVB	29239	17742	1.28%	0.104%
55	13.668	1965	1969	1972	rBV3	73717	101916	7.35%	0.599%
56	13.698	1972	1974	1976	rVV	68707	52653	3.80%	0.309%
57	13.721	1976	1978	1981	rVV	53814	49960	3.60%	0.294%
58	13.774	1983	1987	1995	rVV2	183063	304386	21.94%	1.789%
59	13.921	2006	2012	2015	rBV2	934006	1163128	83.84%	6.834%
60	13.945	2015	2016	2024	rVB	339336	260036	18.74%	1.528%
61	14.027	2028	2030	2032	rVV	37831	26850	1.94%	0.158%
62	14.174	2053	2055	2058	rBV2	32125	41086	2.96%	0.241%
63	14.268	2069	2071	2073	rBV	35591	32390	2.33%	0.190%
64	14.310	2075	2078	2080	rVB	145485	129073	9.30%	0.758%
65	14.339	2081	2083	2087	rVB	91819	68858	4.96%	0.405%
66	14.386	2088	2091	2093	rBV3	57308	76263	5.50%	0.448%
67	14.433	2096	2099	2101	rBV	99086	86679	6.25%	0.509%
68	14.945	2183	2186	2190	rBV	243912	361818	26.08%	2.126%
69	15.051	2202	2204	2207	rBV	50013	45641	3.29%	0.268%
70	15.239	2232	2236	2242	rVB	208275	248300	17.90%	1.459%
71	15.298	2242	2246	2251	rBV	290765	349845	25.22%	2.056%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.363	2252	2257	2261	rBV	623756	788460	56.84%	4.633%
73	16.774	2493	2497	2503	rVB2	102959	176193	12.70%	1.035%

Sum of corrected areas: 17018600

LSC Report - Integrated Chromatogram

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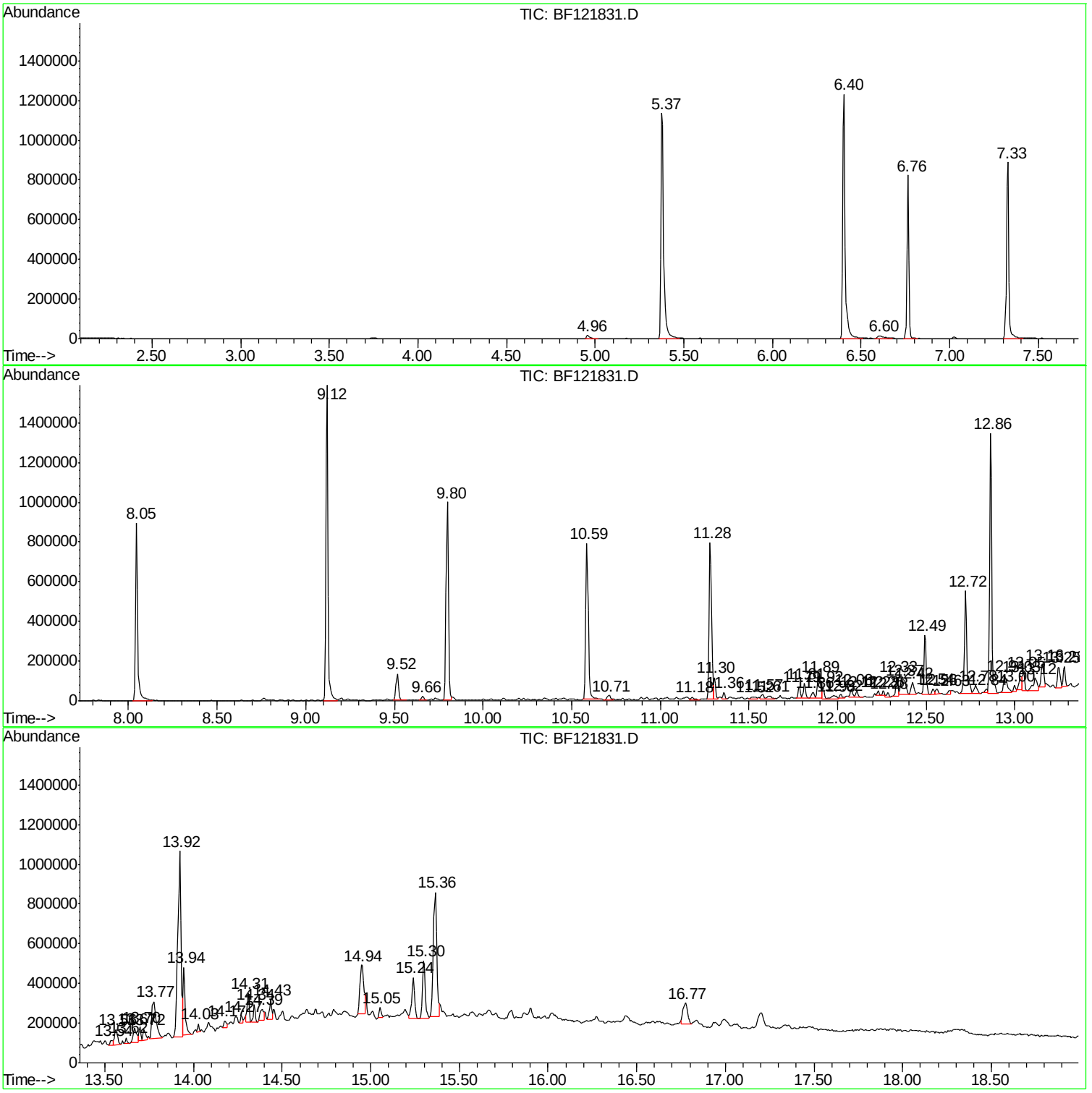
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121831.D
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Misc :
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Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

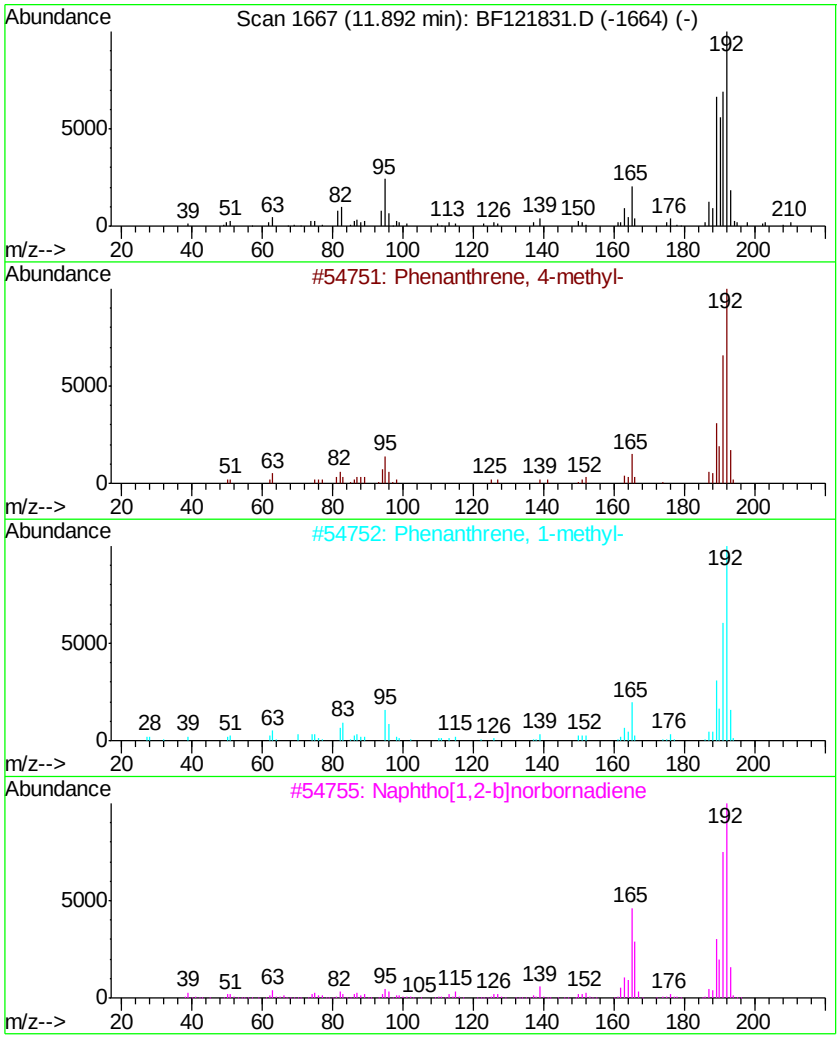
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

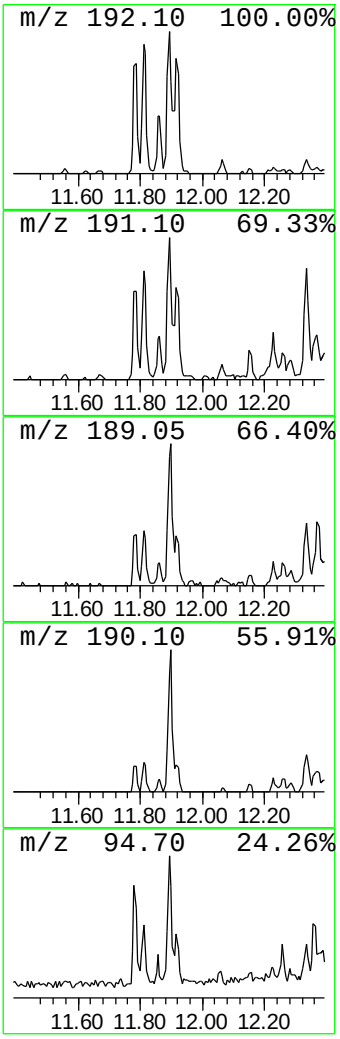
****

Peak Number 1 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.37 ng	123291	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	62





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Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

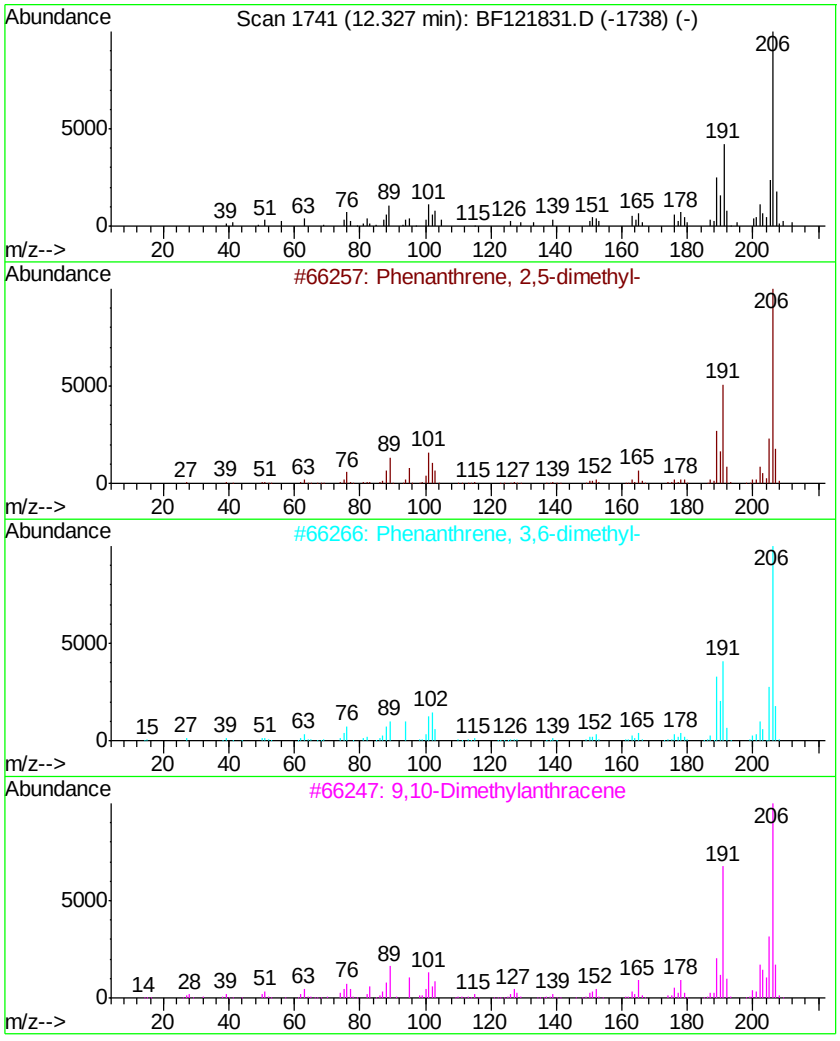
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

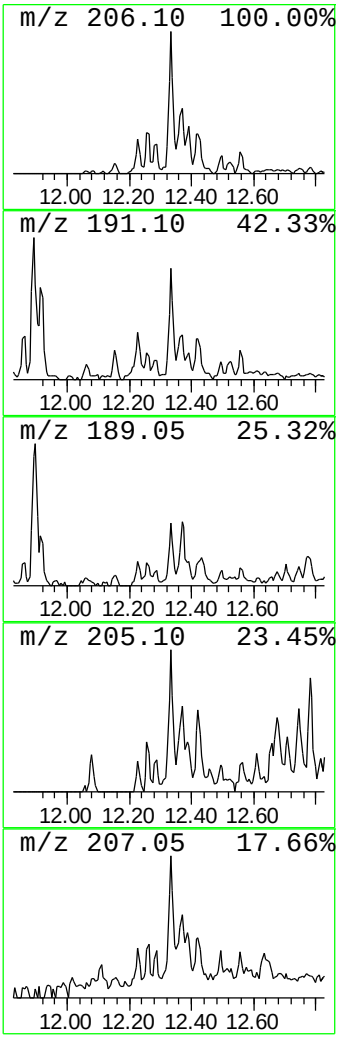
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.64 ng	96382	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121831.D
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Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

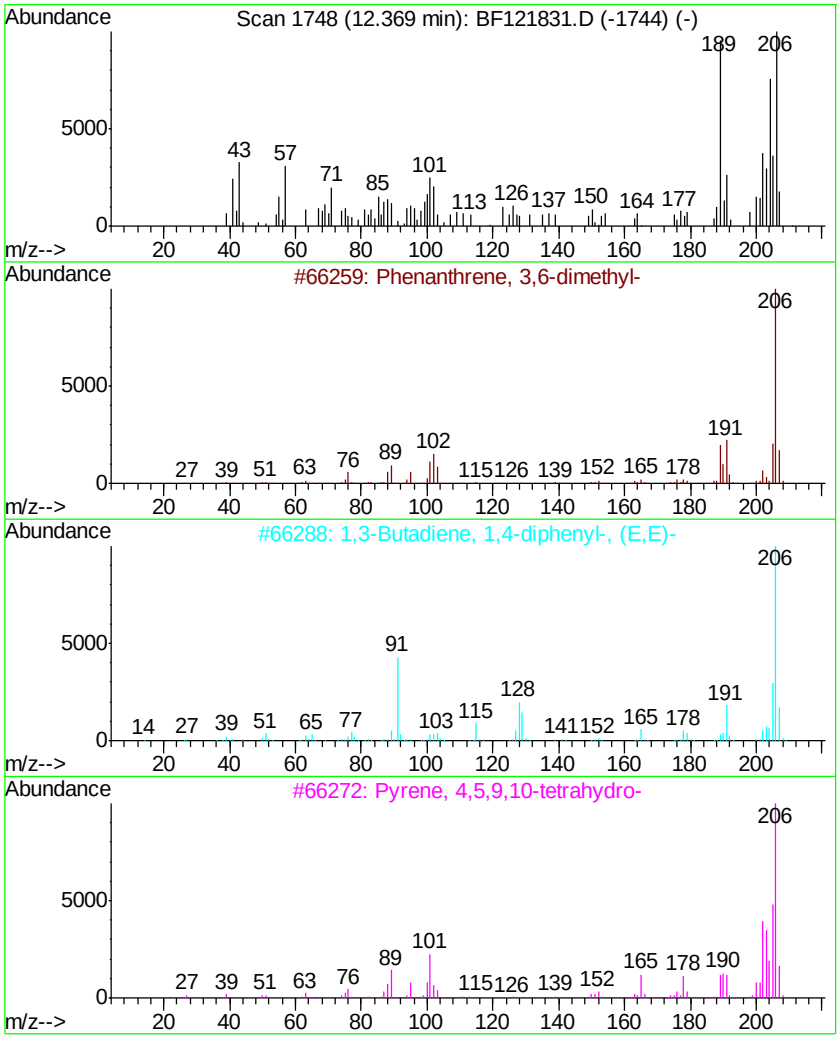
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

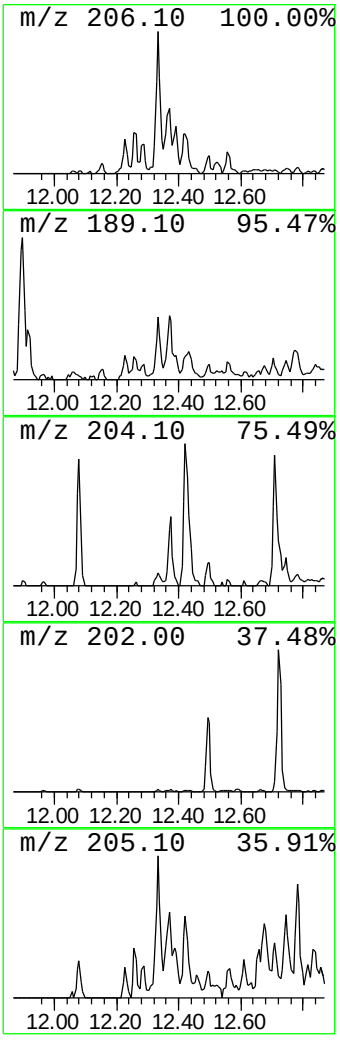
****

Peak Number 3 unknown12.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.17 ng	152471	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
5	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30





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

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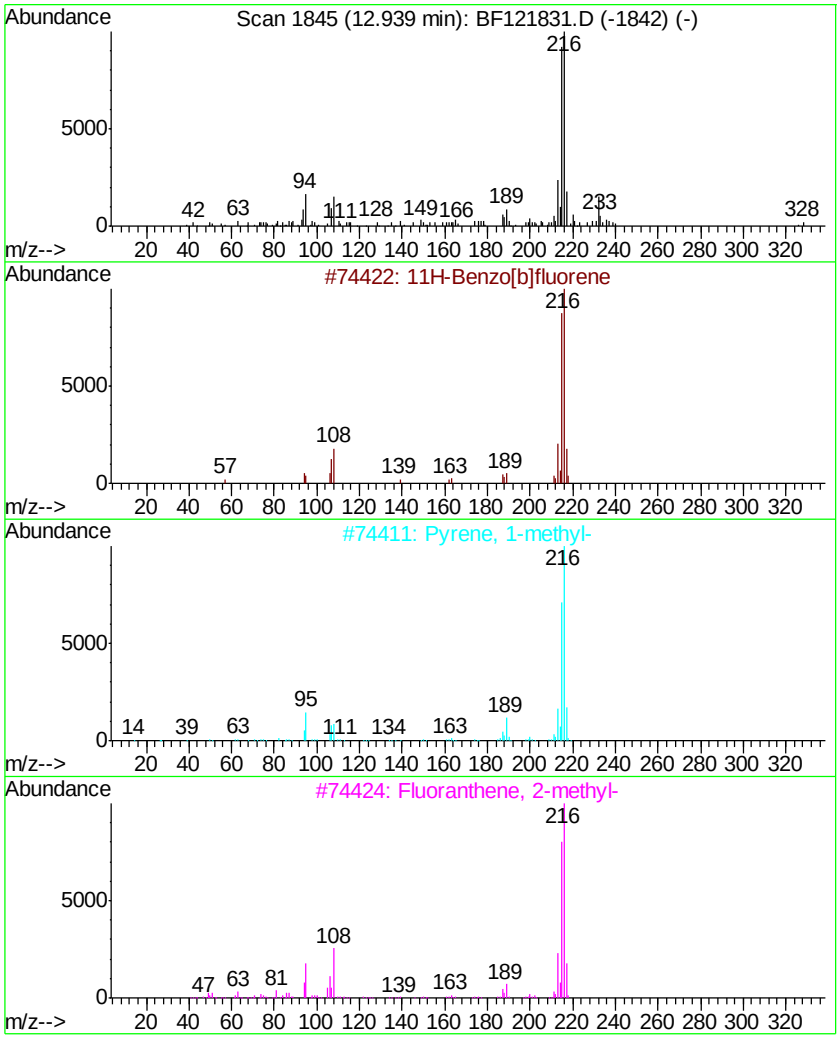
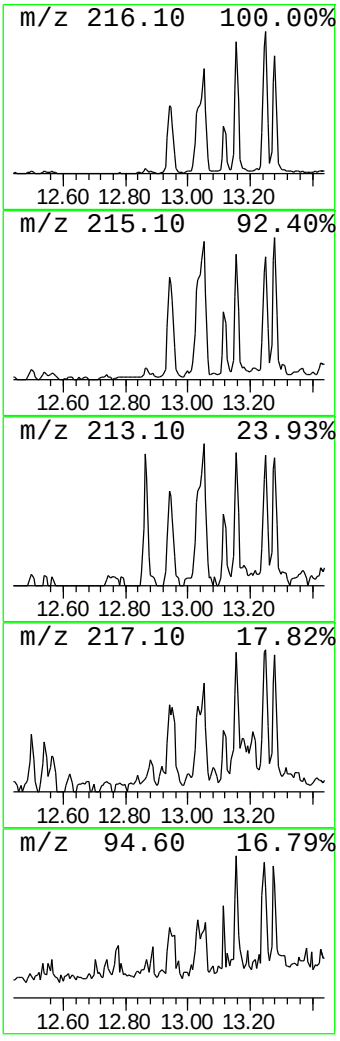
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.42 ng	140704	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





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Misc :
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Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

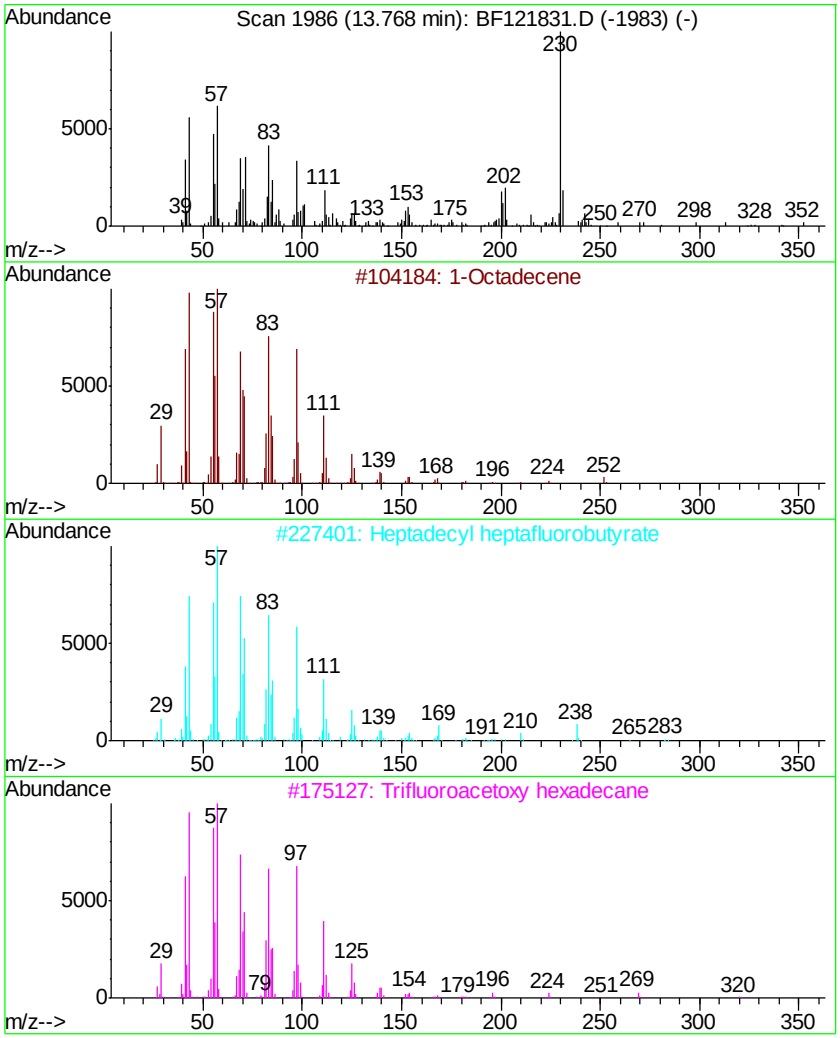
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

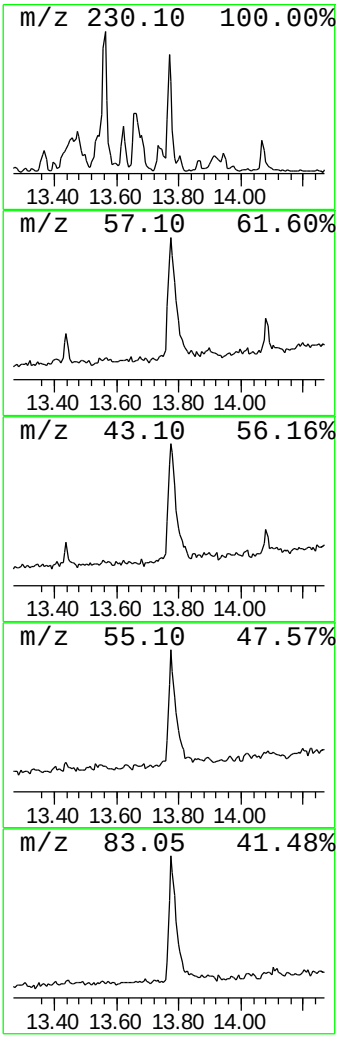
****

Peak Number 5 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.23 ng	304386	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90





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Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

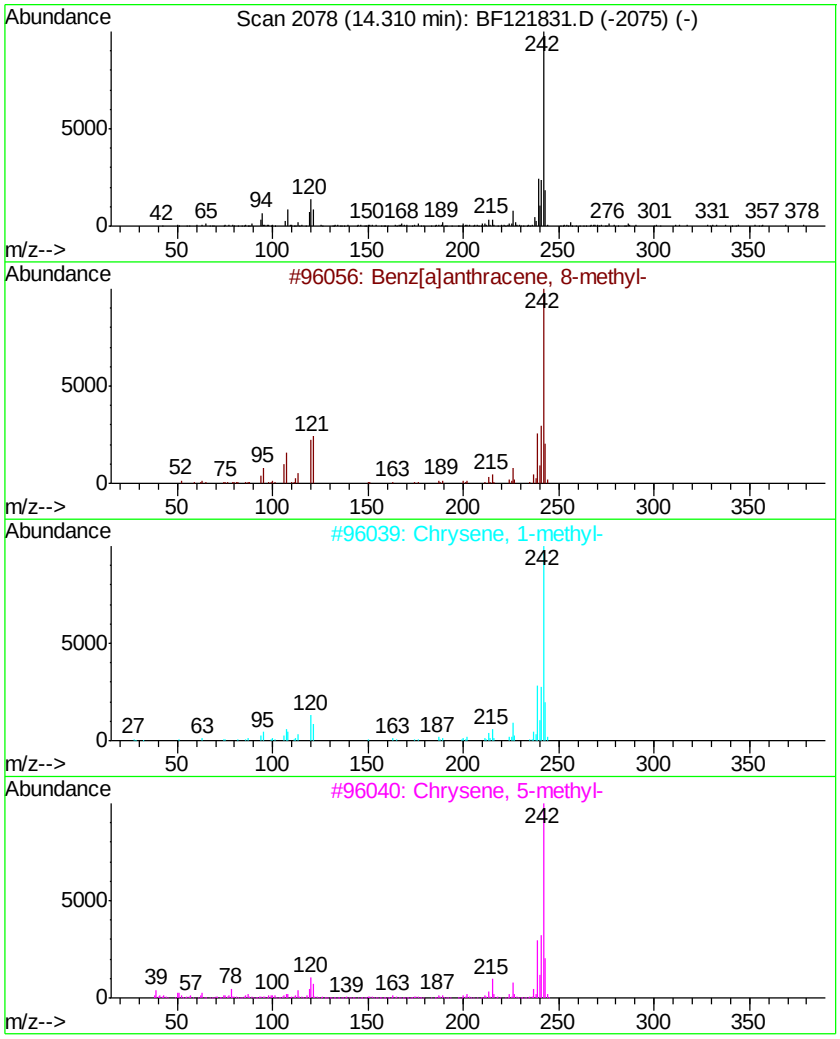
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

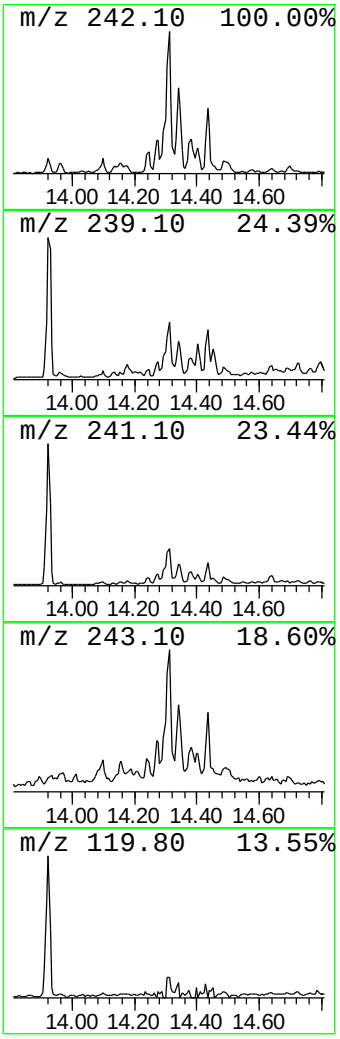
****

Peak Number 6 Benz[a]anthracene, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.22 ng	129073	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





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Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

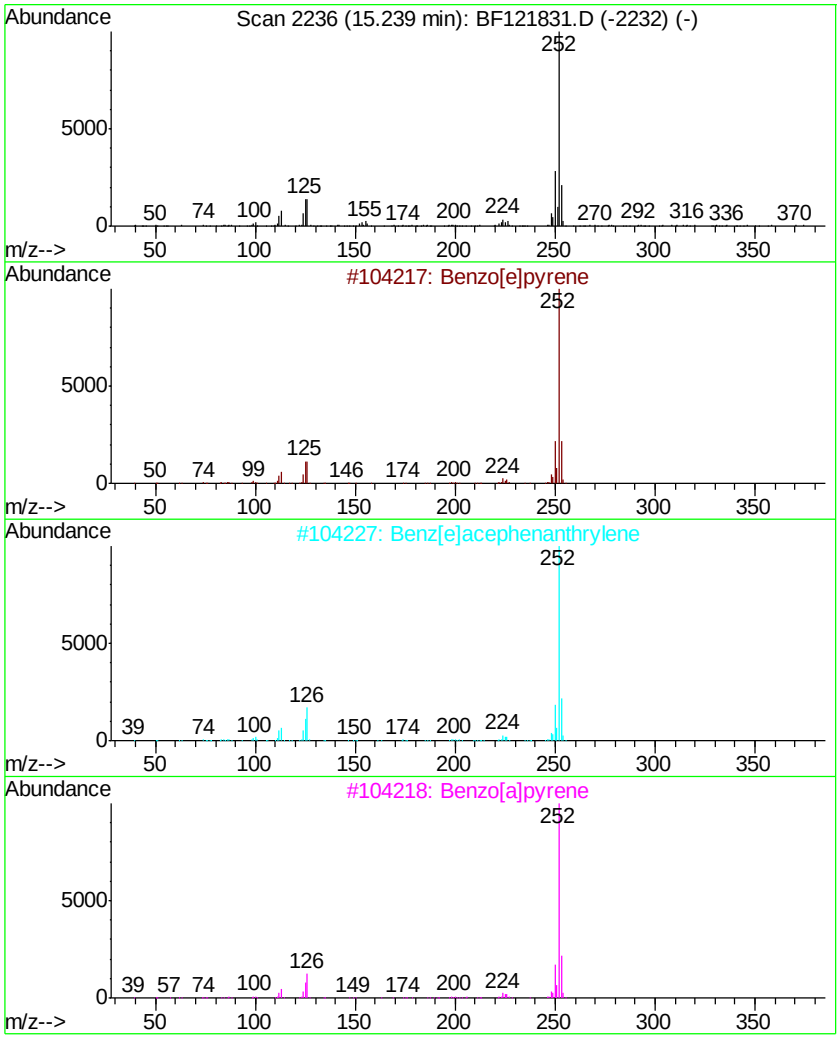
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

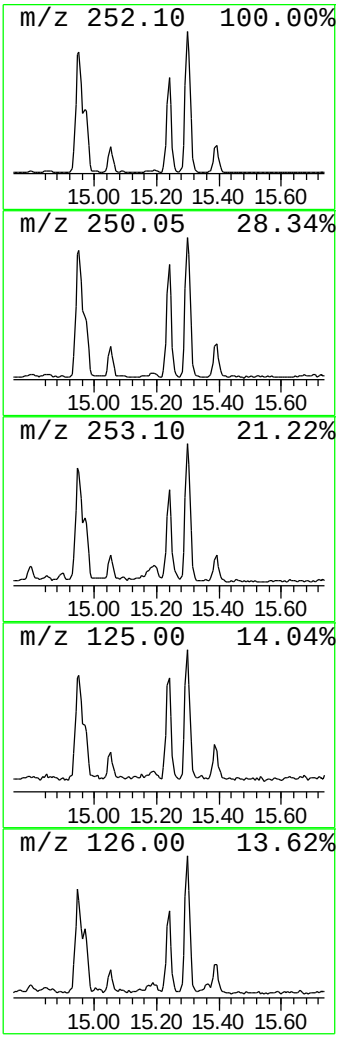
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.30 ng	248300	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
Data File : BF121831.D
Acq On : 5 Oct 2020 22:25
Operator : JU/CG
Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Phenanthrene, 4-m...	11.89	3.4	ng	123291	4	11.28	731391	20.0
Phenanthrene, 2,5...	12.33	2.6	ng	96382	4	11.28	731391	20.0
unknown12.37	12.37	4.2	ng	152471	4	11.28	731391	20.0
11H-Benzo[b]fluorene	12.94	2.4	ng	140704	5	13.92	1163130	20.0
1-Octadecene	13.77	5.2	ng	304386	5	13.92	1163130	20.0
Benz[a]anthracene...	14.31	2.2	ng	129073	5	13.92	1163130	20.0
Benzo[e]pyrene	15.24	6.3	ng	248300	6	15.36	788460	20.0