LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

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-BF051019.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	5.475	572	576	588	rVB	5167401	5244202	41.66%	2.638%
2	6.492	744	749	765	rVB	5322123	5755686	45.73%	2.895%
3	6.622	767	771	775	rBV	5791005	5529976	43.93%	2.782%
4	6.851	806	810	818	rVB	2133372	1796275	14.27%	0.904%
5	7.010	832	837	840	rBV	4684458	4216011	33.49%	2.121%
6	7.410	900	905	908	rBV	4149097	3656824	29.05%	1.840%
7	8.127	1019	1027	1030	rBV	2423479	2502888	19.88%	1.259%
8	8.151	1030	1031	1036	rVB	1105853	683444	5.43%	0.344%
9	8.845	1145	1149	1155	rVB	668578	593896	4.72%	0.299%
10	8.939	1162	1165	1169	rBV	445371	389068	3.09%	0.196%
11	9.204	1206	1210	1213	rBV	6570260	5571650	44.26%	2.803%
12	9.539	1264	1267	1270	rBV	375341	390918	3.11%	0.197%
13	9.598	1274	1277	1285	rVB2	829970	984854	7.82%	0.495%
14	9.745	1298	1302	1307	rBV	1691525	1401345	11.13%	0.705%
15	9.886	1323	1326	1329	rVV	2863593	2516844	20.00%	1.266%
16	10.674	1455	1460	1463	rBV	4232674	3963296	31.49%	1.994%
17	10.798	1476	1481	1486	rBV3	413268	548545	4.36%	0.276%
18	11.174	1542	1545	1548	rVB	772161	631288	5.02%	0.318%
19	11.263	1558	1560	1565	rVB	706705	629469	5.00%	0.317%
20	11.368	1574	1578	1580	rVV	2636501	2683479	21.32%	1.350%
21	11.398	1580	1583	1586	rVV	7176267	6629645	52.67%	3.335%
22	11.445	1588	1591	1593	rVV	1157994	878477	6.98%	0.442%
23	11.474	1593	1596	1600	rVB2	307419	329650	2.62%	0.166%
24	11.663	1623	1628	1631	rVB	1096607	971627	7.72%	0.489%
25	11.698	1631	1634	1638	rVB2	800818	768225	6.10%	0.386%
26	11.780	1646	1648	1652	rVB	372974	416903	3.31%	0.210%
27	11.827	1653	1656	1658	rBV2	393661	378283	3.01%	0.190%
28	11.874	1660	1664	1666	rBV	2588305	2430036	19.31%	1.222%
29	11.898	1666	1668	1671	rVV	3332025	2909345	23.11%	1.464%
30	11.980	1679	1682	1685	rBV2	3129277	3644045	28.95%	1.833%
31	12.010	1685	1687	1690	rVB	2158498	1692665	13.45%	0.852%
32	12.168	1710	1714	1716	rVV	2215749	2093880	16.64%	1.053%
33	12.192	1716	1718	1724	rVB2	2272534	2347707	18.65%	1.181%
34	12.315	1737	1739	1742	rVV	657654	669203	5.32%	0.337%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.345	1742	1744	1746	rVV	723619	634649	5.04%	0.319%
36	12.368	1746	1748	1751	rVB2	506381	460906	3.66%	0.232%
37	12.421	1751	1757	1760	rBV	2014045	2614319	20.77%	1.315%
38	12.457	1760	1763	1765	rVV2	1171664	1614233	12.82%	0.812%
39	12.480	1765	1767	1769	rVV	718010	573089	4.55%	0.288%
40	12.510	1769	1772	1777	rVV2	1701186	2095411	16.65%	1.054%
41	12.592	1780	1786	1789	rVV	7454659	8044935	63.91%	4.047%
42	12.627	1789	1792	1794	rVV	646544	612070	4.86%	0.308%
43	12.651	1794	1796	1798	rVV2	527064	496939	3.95%	0.250%
44	12.680	1798	1801	1804	rVV	2025211	1727994	13.73%	0.869%
45	12.721	1804	1808	1812	rVV3	941970	1324086	10.52%	0.666%
46	12.757	1812	1814	1820	rVV3	472303	607511	4.83%	0.306%
47	12.827	1820	1826	1829	rVV	9599932	12587097	100.00%	6.332%
48	12.868	1829	1833	1837	rVB3	597611	733584	5.83%	0.369%
49	12.951	1844	1847	1857	rVB	5012579	5553444	44.12%	2.794%
50	13.033	1857	1861	1867	rBV	1596586	2491421	19.79%	1.253%
51	13.086	1867	1870	1872	rBV3	447223	386275	3.07%	0.194%
52	13.121	1872	1876	1877	rVV2	1478821	1631444	12.96%	0.821%
53	13.139	1877	1879	1882	rVB	1886499	1759790	13.98%	0.885%
54	13.186	1883	1887	1888	rBV4	361704	385798	3.07%	0.194%
55	13.209	1888	1891	1894	rVV	618503	563633	4.48%	0.284%
56	13.245	1894	1897	1902	rVV	2201544	2068006	16.43%	1.040%
57	13.339	1910	1913	1915	rBV	2124681	1813756	14.41%	0.912%
58	13.368	1915	1918	1921	rVB	2005648	1768460	14.05%	0.890%
59	13.457	1930	1933	1936	rBV3	367186	391082	3.11%	0.197%
60	13.651	1963	1966	1970	rVB	1435141	1578709	12.54%	0.794%
61	13.757	1980	1984	1987	rBV2	1345661	1456860	11.57%	0.733%
62	13.786	1987	1989	1991	rVV	1662524	1218969	9.68%	0.613%
63	13.815	1991	1994	1996	rVV	1121188	913135	7.25%	0.459%
64	13.857	1996	2001	2005	rVB3	1142036	1647882	13.09%	0.829%
65	14.004	2021	2026	2030	rBV2	4882077	7968252	63.30%	4.009%
66	14.039	2030	2032	2040	rVB	5091262	5651739	44.90%	2.843%
67	14.098	2040	2042	2046	rBV4	343562	340511	2.71%	0.171%
68	14.156	2049	2052	2062	rVB	2245281	2954317	23.47%	1.486%
69	14.268	2068	2071	2073	rBV2	396958	417415	3.32%	0.210%
70	14.327	2079	2081	2084	rVB3	319876	332201	2.64%	0.167%
71	14.362	2084	2087	2089	rVV2	470383	495451	3.94%	0.249%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.398	2089	2093	2096	rVV	1680220	2044897	16.25%	1.029%
73	14.433	2096	2099	2103	rVV2	1208505	1602848	12.73%	0.806%
74	14.480	2103	2107	2111	rVV4	1496173	2364985	18.79%	1.190%
75	14.521	2111	2114	2116	rVV2	1058913	1235339	9.81%	0.621%
76	14.545	2116	2118	2121	rVV	1082325	960720	7.63%	0.483%
77	14.592	2123	2126	2129	rVB	822018	789379	6.27%	0.397%
78	14.821	2163	2165	2169	rVB2	594918	589751	4.69%	0.297%
79	14.886	2173	2176	2180	rBV3	237867	406852	3.23%	0.205%
80	15.062	2200	2206	2208	rBV	3661638	5945154	47.23%	2.991%
81	15.109	2212	2214	2217	rVV2	897087	1096670	8.71%	0.552%
82	15.139	2217	2219	2220	rVV	535616	508692	4.04%	0.256%
83	15.162	2220	2223	2227	rVB	966782	1091047	8.67%	0.549%
84	15.362	2251	2257	2262	rBV	3160108	4308230	34.23%	2.167%
85	15.427	2262	2268	2271	rBV	3615770	4856346	38.58%	2.443%
86	15.486	2271	2278	2281	rBV2	1637842	2560051	20.34%	1.288%
87	15.656	2303	2307	2309	rBV2	223243	333408	2.65%	0.168%
88	15.686	2310	2312	2319	rVB3	353307	557810	4.43%	0.281%
89	15.833	2335	2337	2343	rVB	294139	412107	3.27%	0.207%
90	15.921	2347	2352	2356	rBV3	463440	733869	5.83%	0.369%
91	15.998	2356	2365	2369	rBV2	353614	839052	6.67%	0.422%
92	16.045	2369	2373	2377	rVB2	396919	549512	4.37%	0.276%
93	16.603	2464	2468	2472	rBV2	225921	387754	3.08%	0.195%
94	16.797	2497	2501	2514	rVB4	446207	1269291	10.08%	0.639%
95	16.956	2520	2528	2534	rVB	1617629	3237032	25.72%	1.628%
96	17.121	2551	2556	2560	rVB	268787	450683	3.58%	0.227%
97	17.180	2561	2566	2572	rBV2	312514	695239	5.52%	0.350%
98	17.403	2596	2604	2615	rVB	1486059	3270136	25.98%	1.645%
99	17.521	2619	2624	2634	rVB8	278899	739950	5.88%	0.372%
100	18.544	2792	2798	2811	rVB9	400458	1179321	9.37%	0.593%

Sum of corrected areas: 198781147

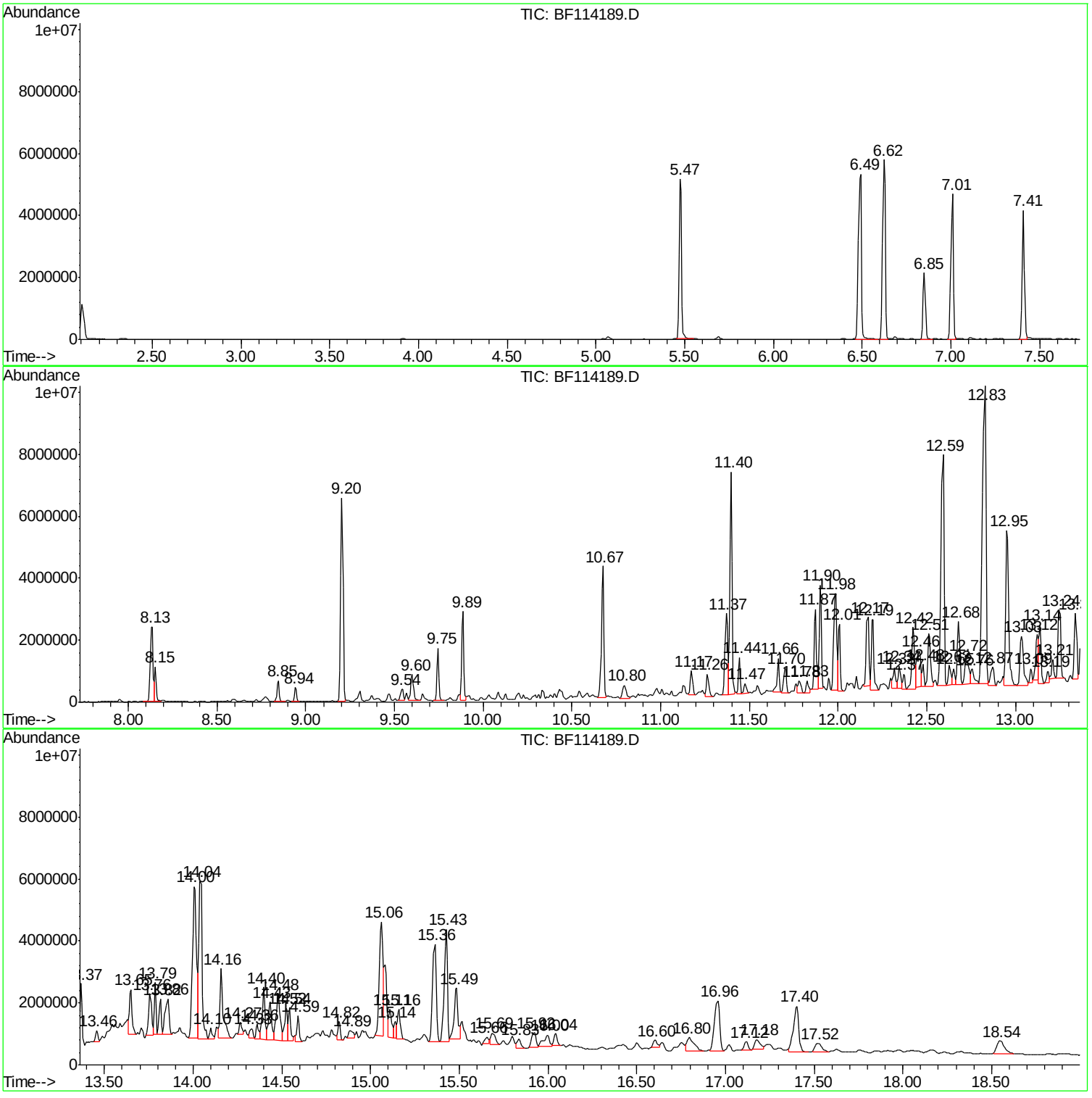
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

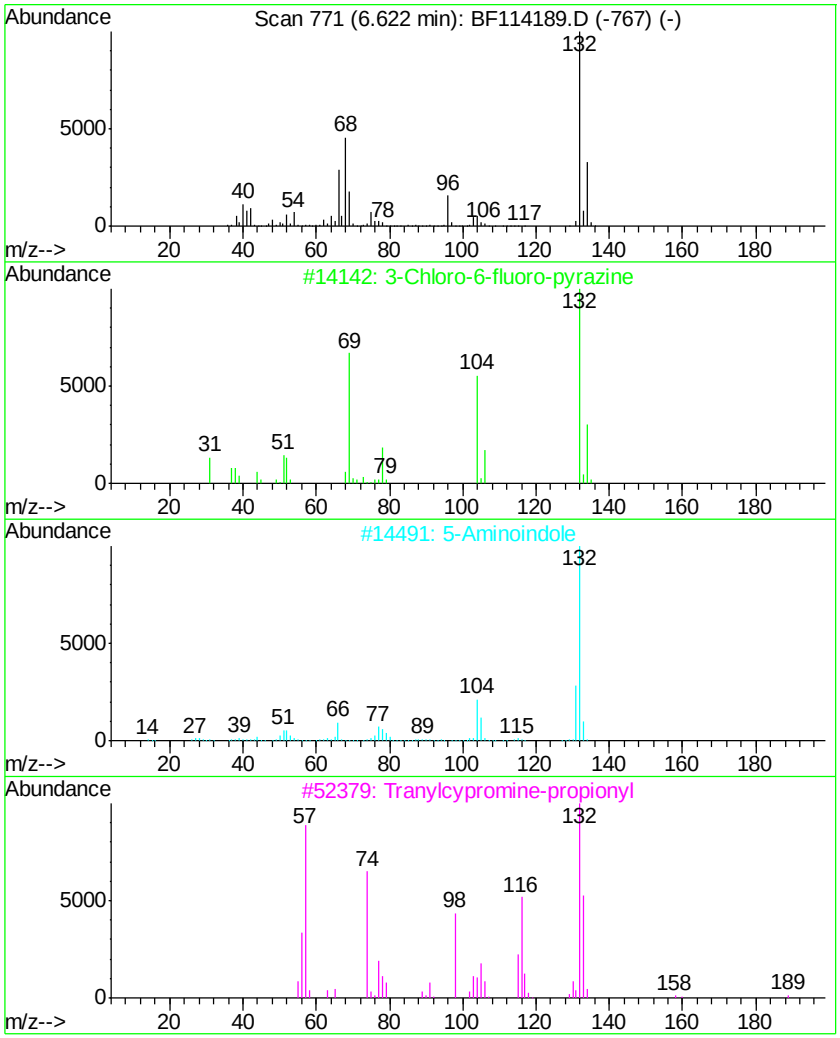
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

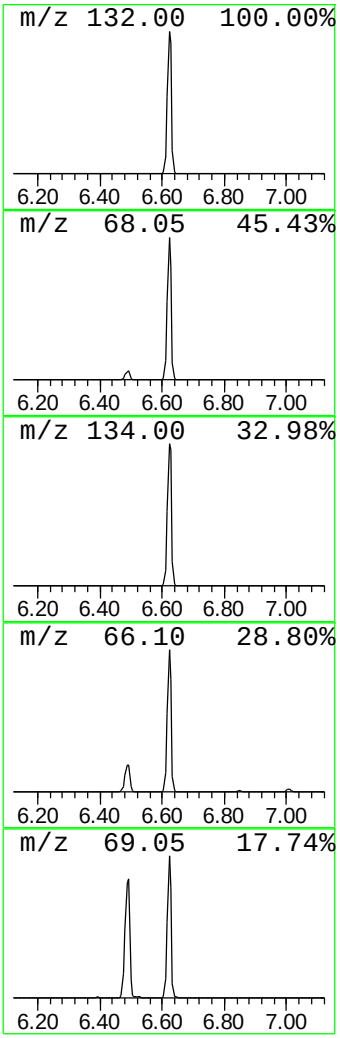
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	61.57 ng	5529980	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

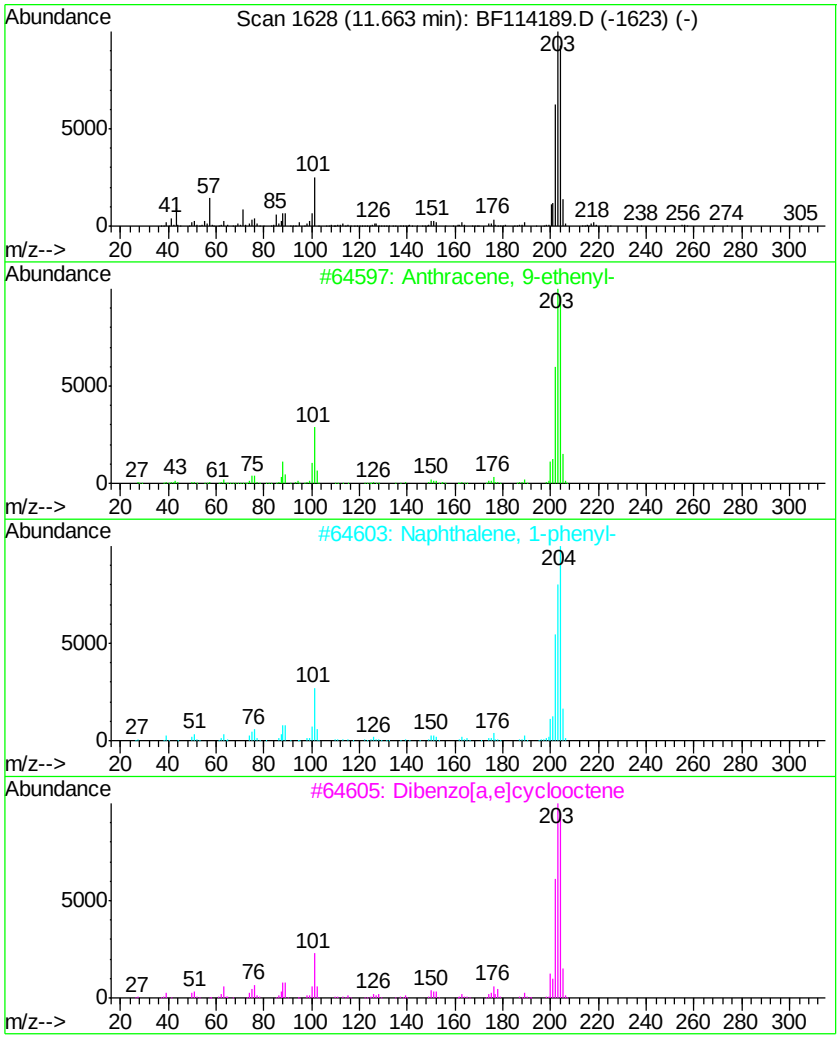
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

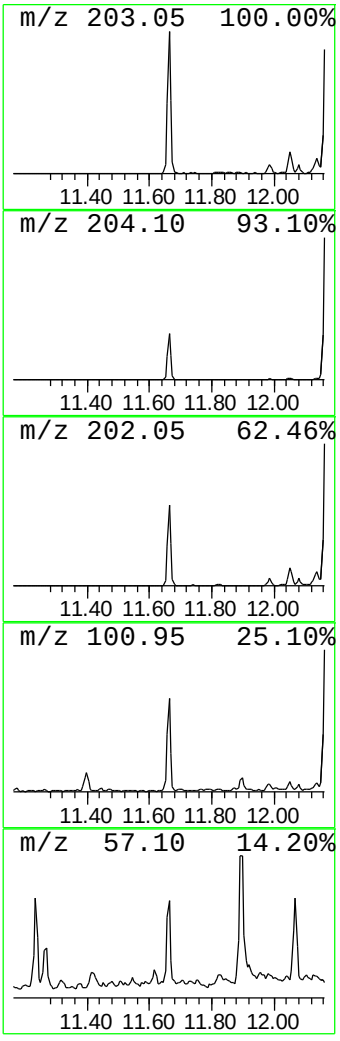
****

Peak Number 3 Anthracene, 9-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.24 ng	971627	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	72
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

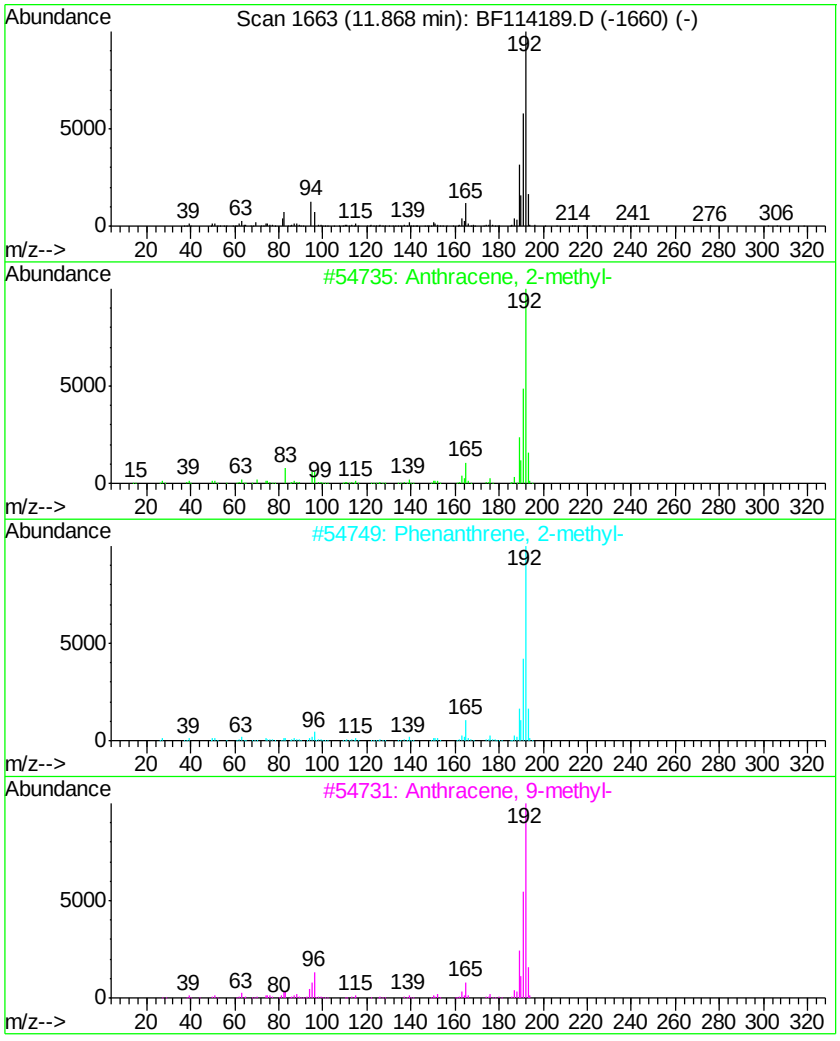
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

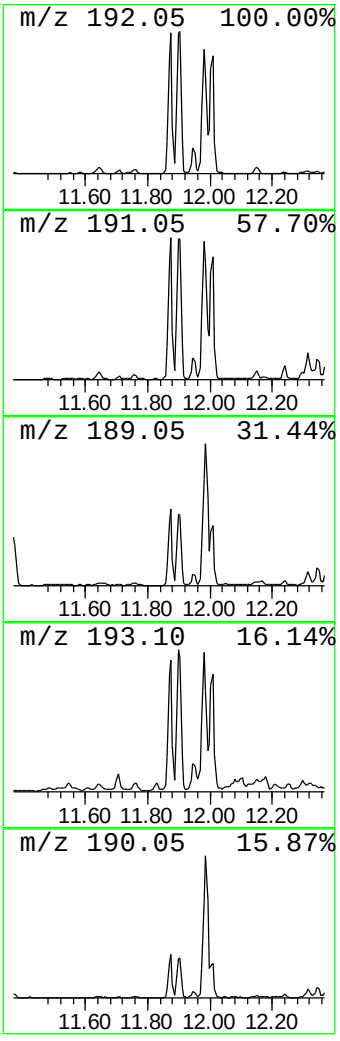
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	18.11 ng	2430040	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

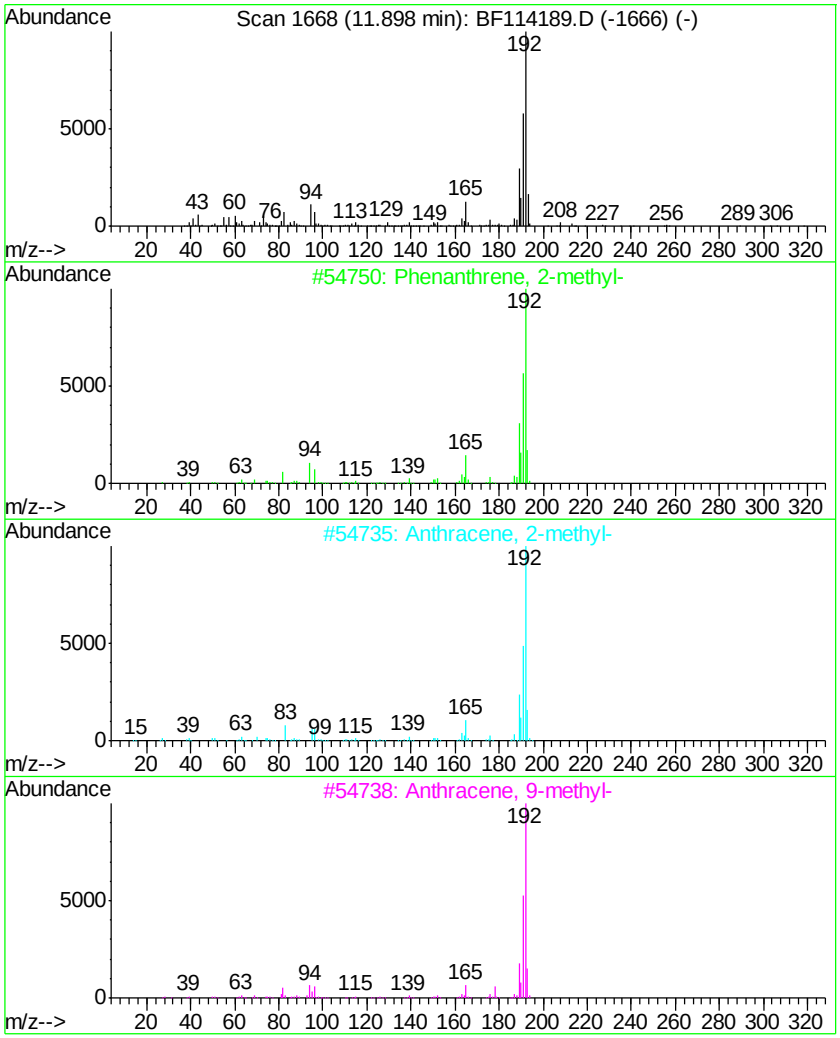
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

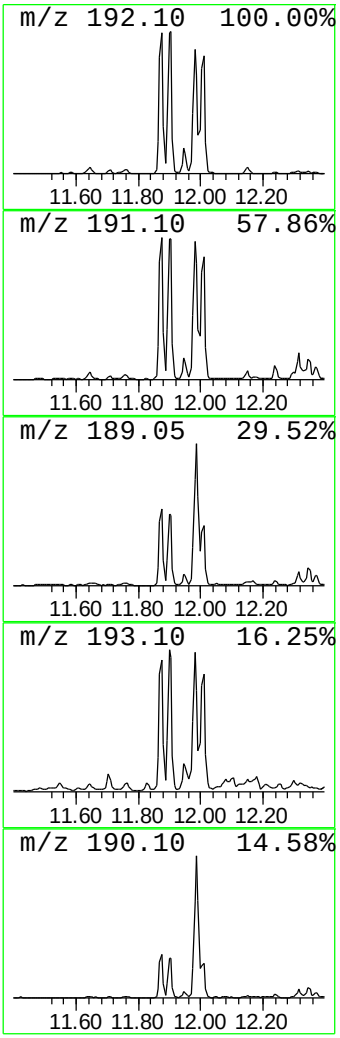
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	21.68 ng	2909350	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

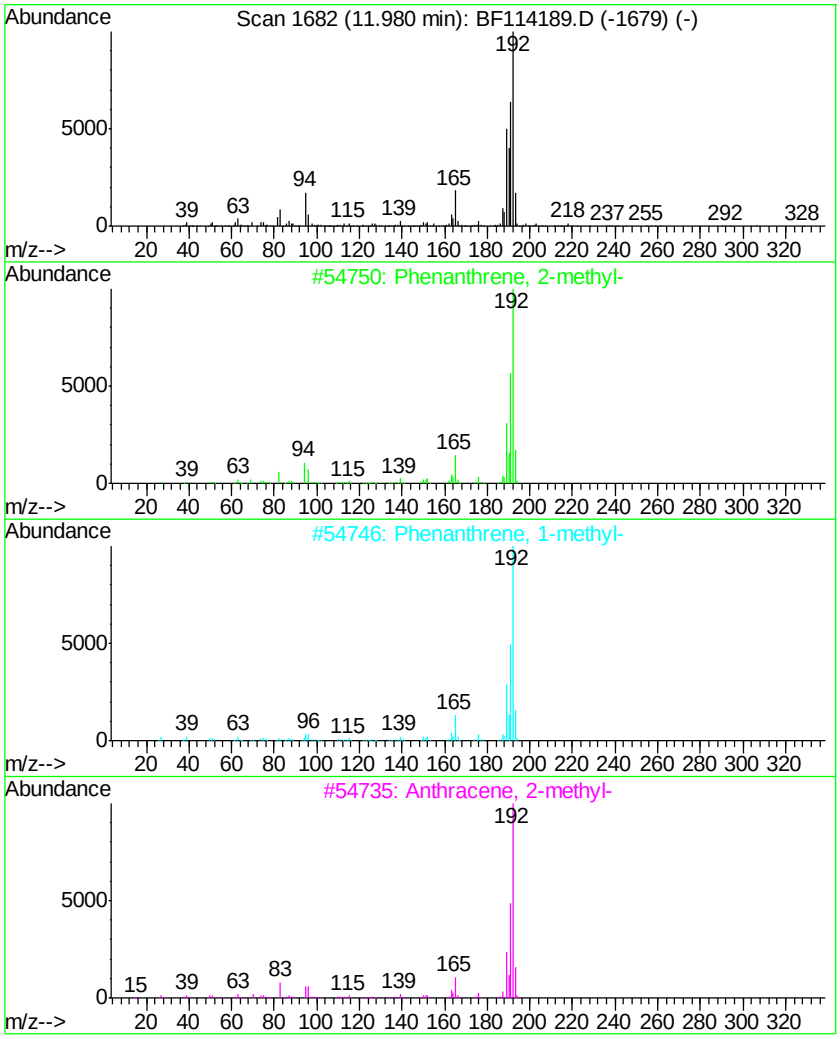
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

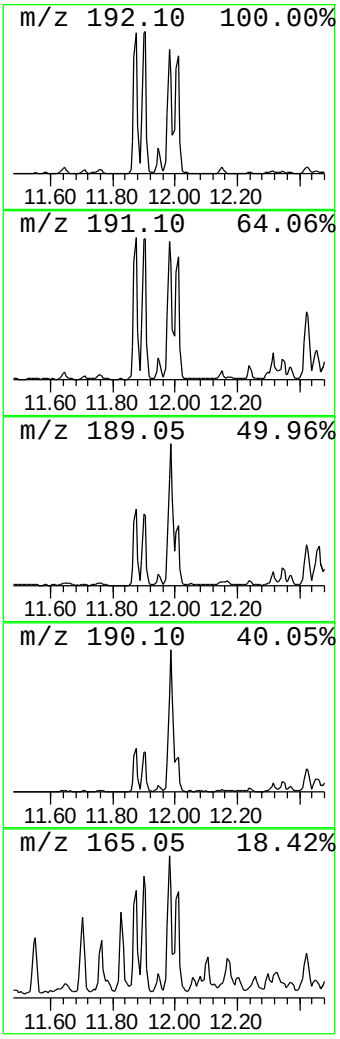
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	27.16 ng	3644050	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

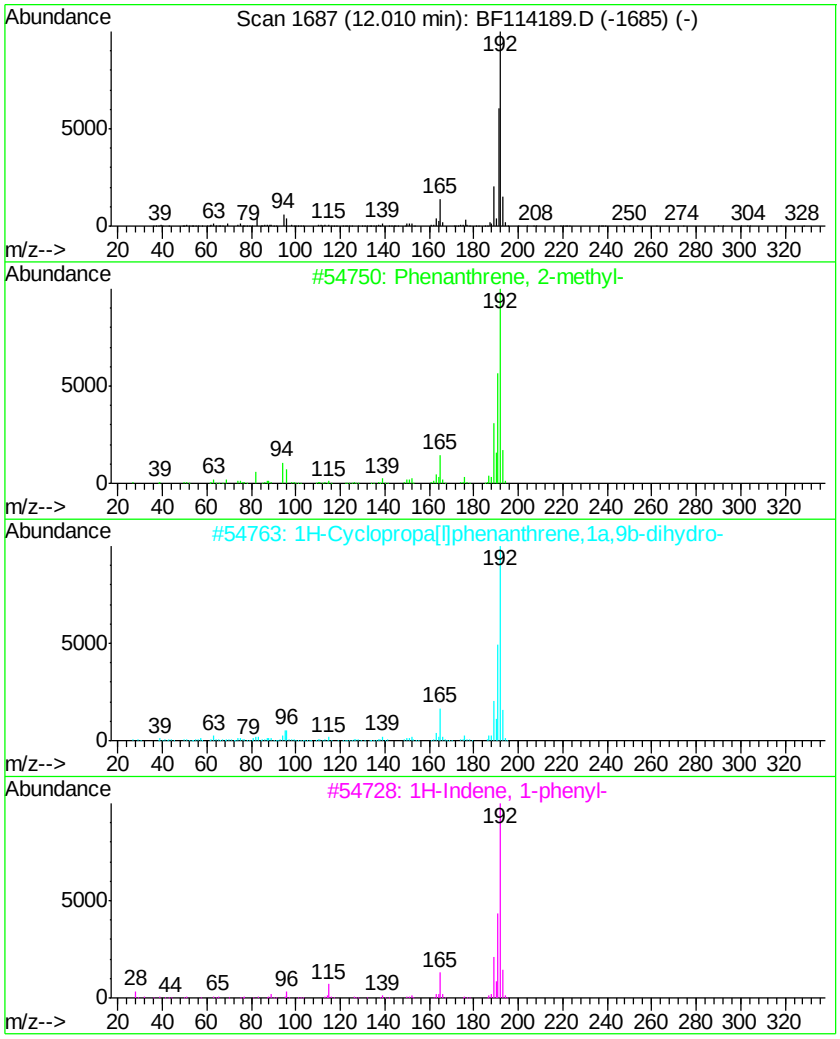
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

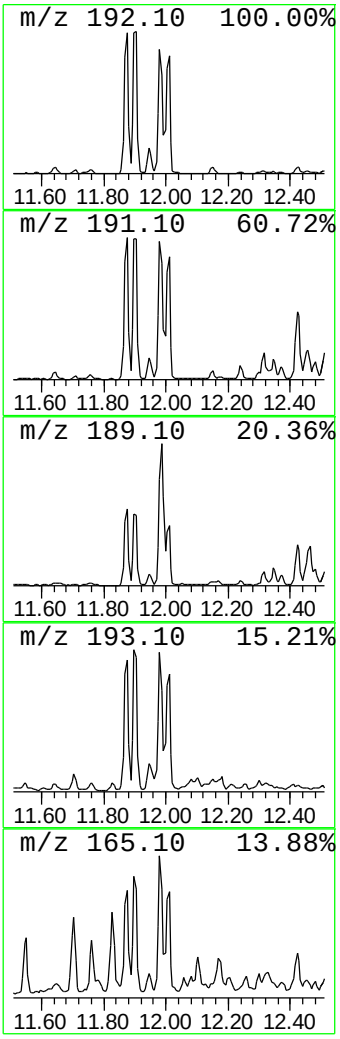
****

Peak Number 7 1H-Indene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.62 ng	1692670	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

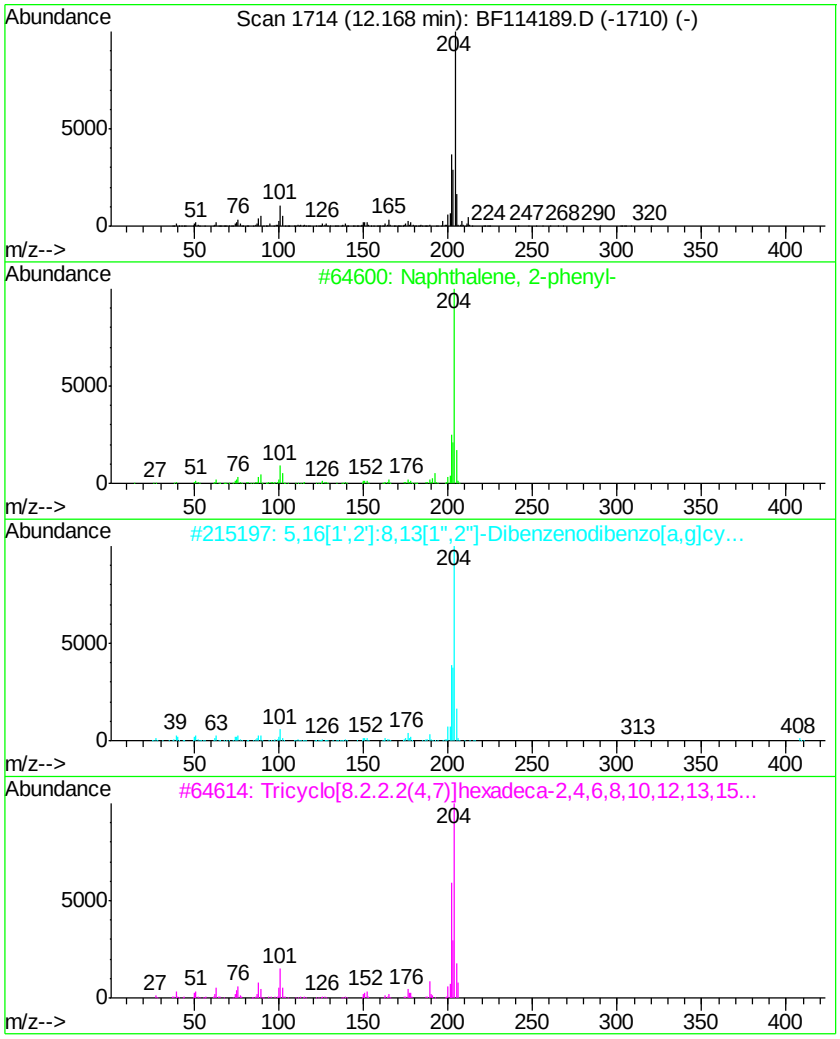
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

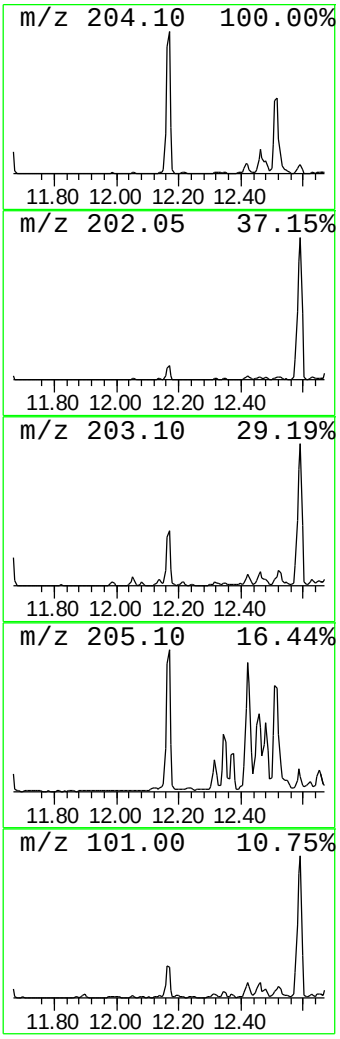
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	15.61 ng	2093880	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

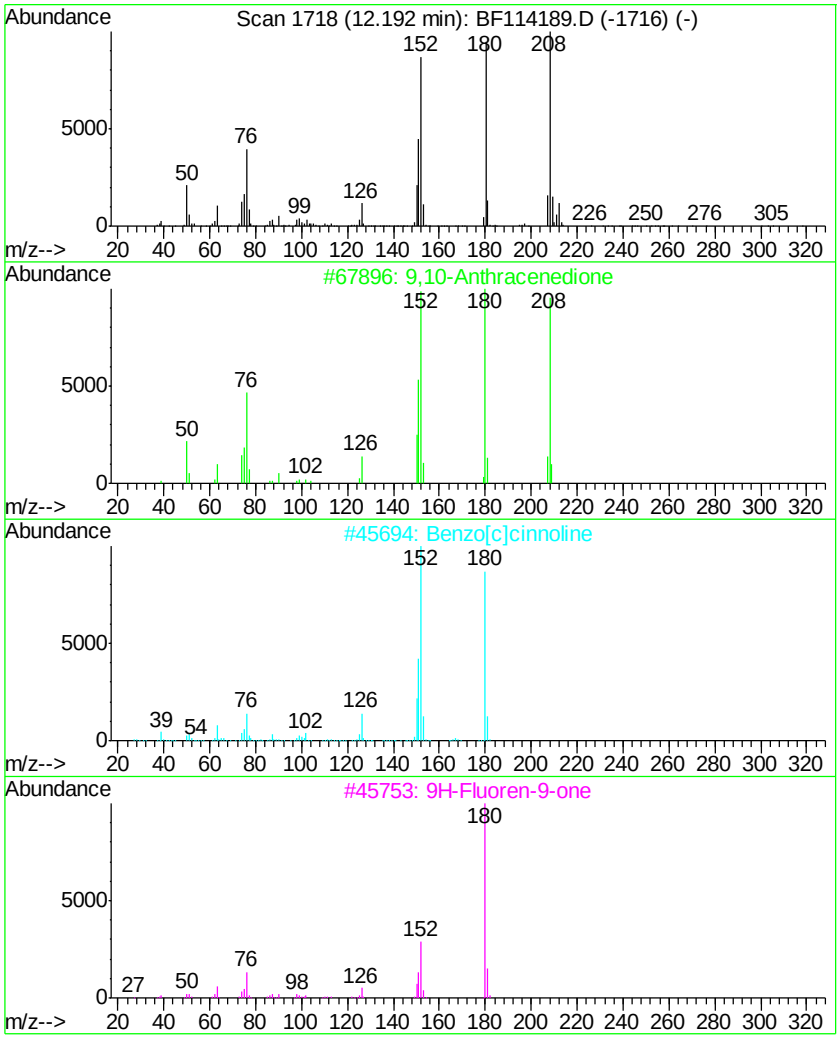
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

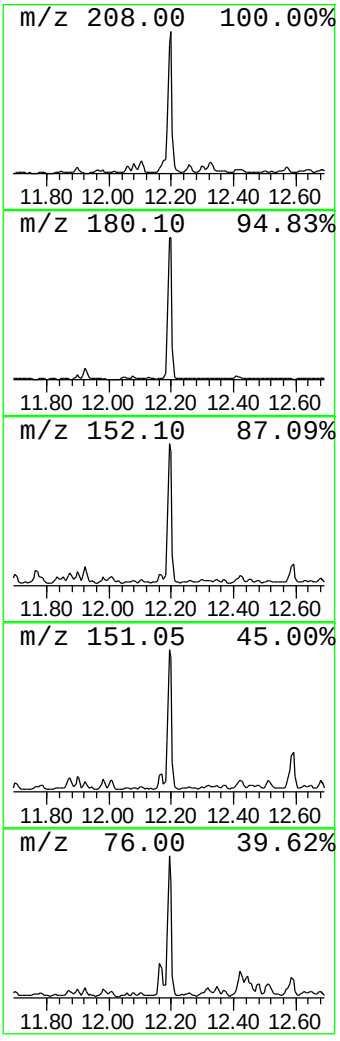
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	17.50 ng	2347710	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

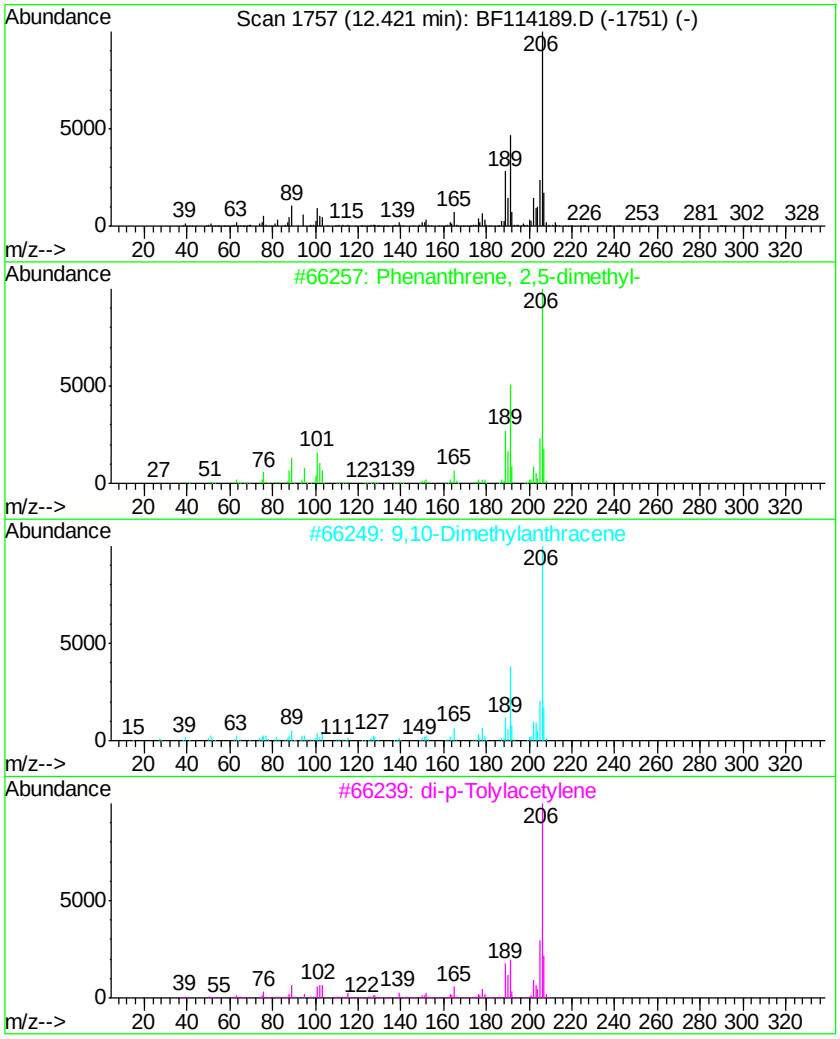
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

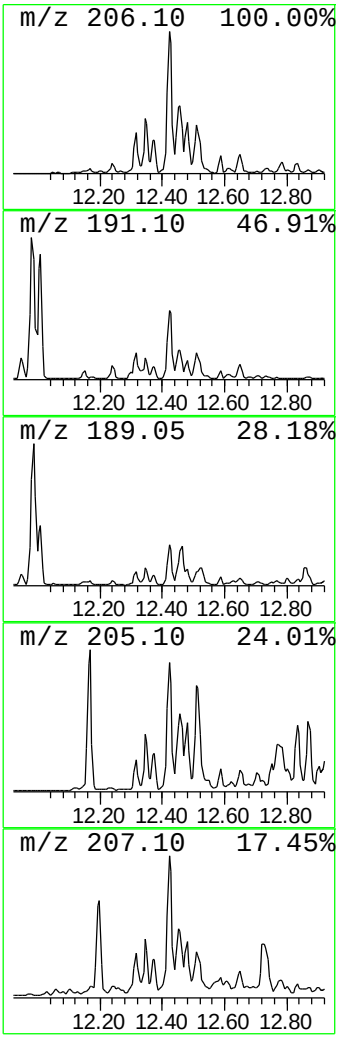
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	19.48 ng	2614320	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

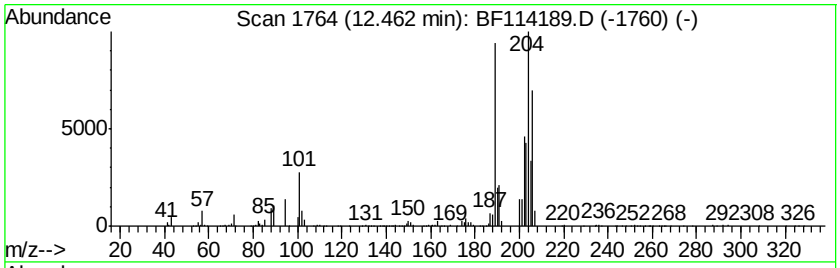
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

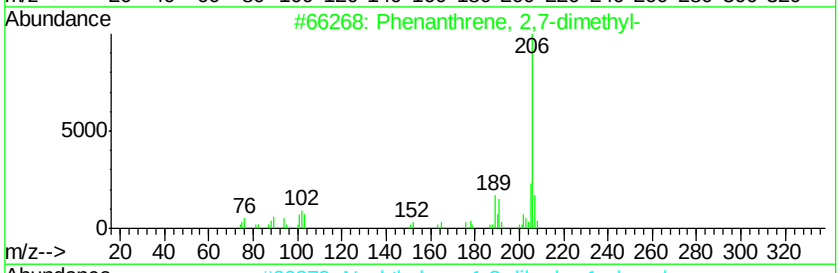
****

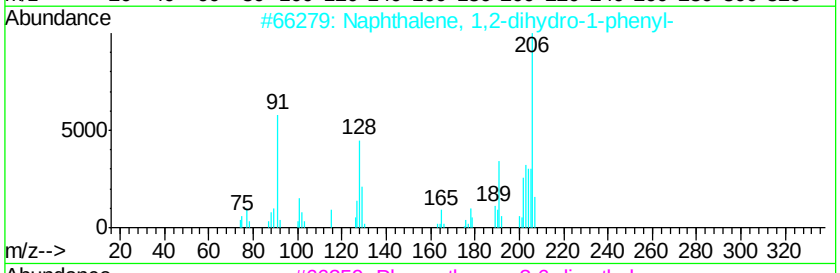
Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

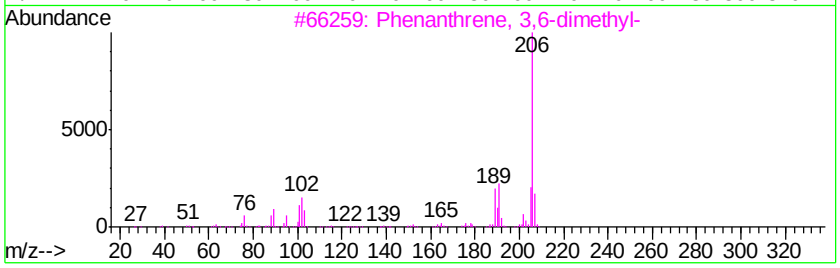
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	12.03 ng	1614230	Phenanthrene-d10	11.37

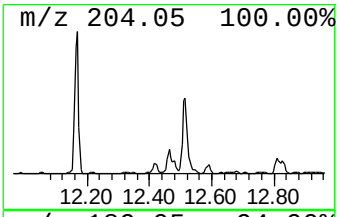
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	60
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46

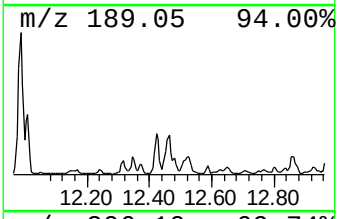


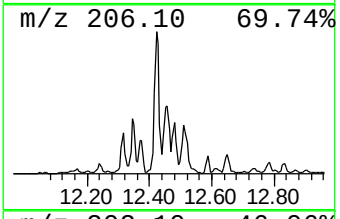


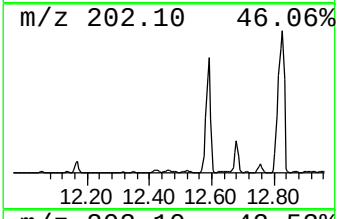


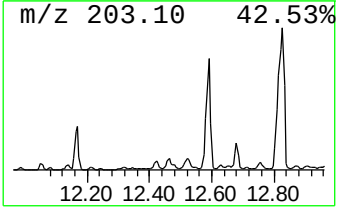












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

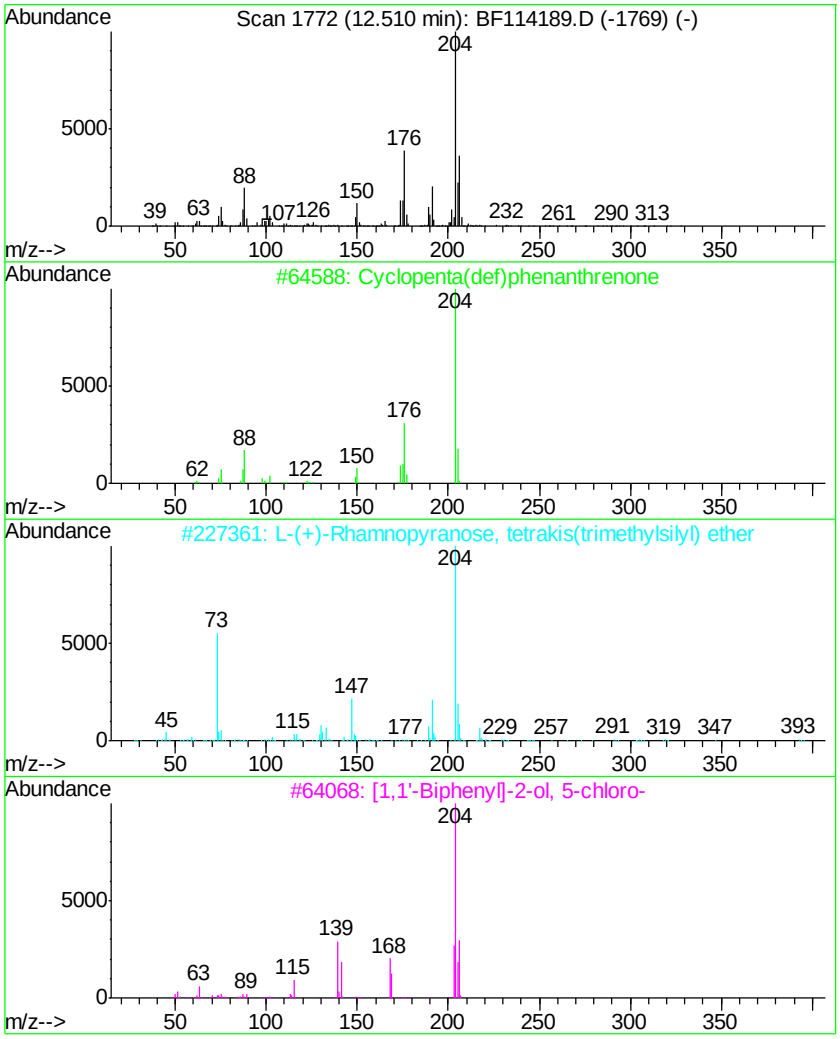
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

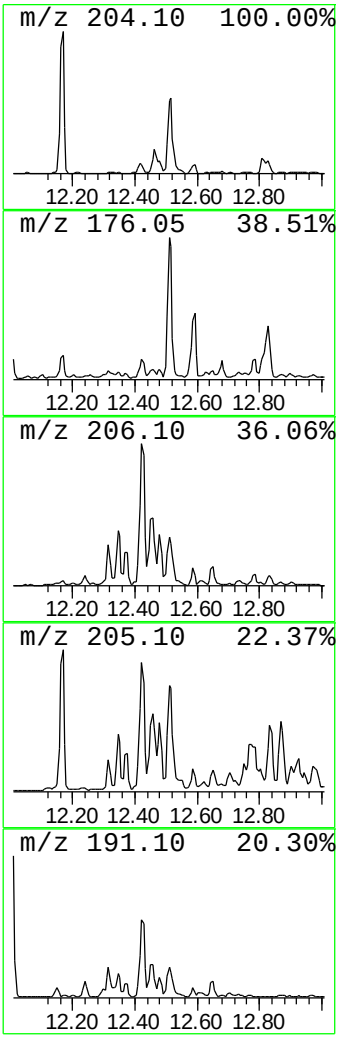
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	15.62 ng	2095410	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

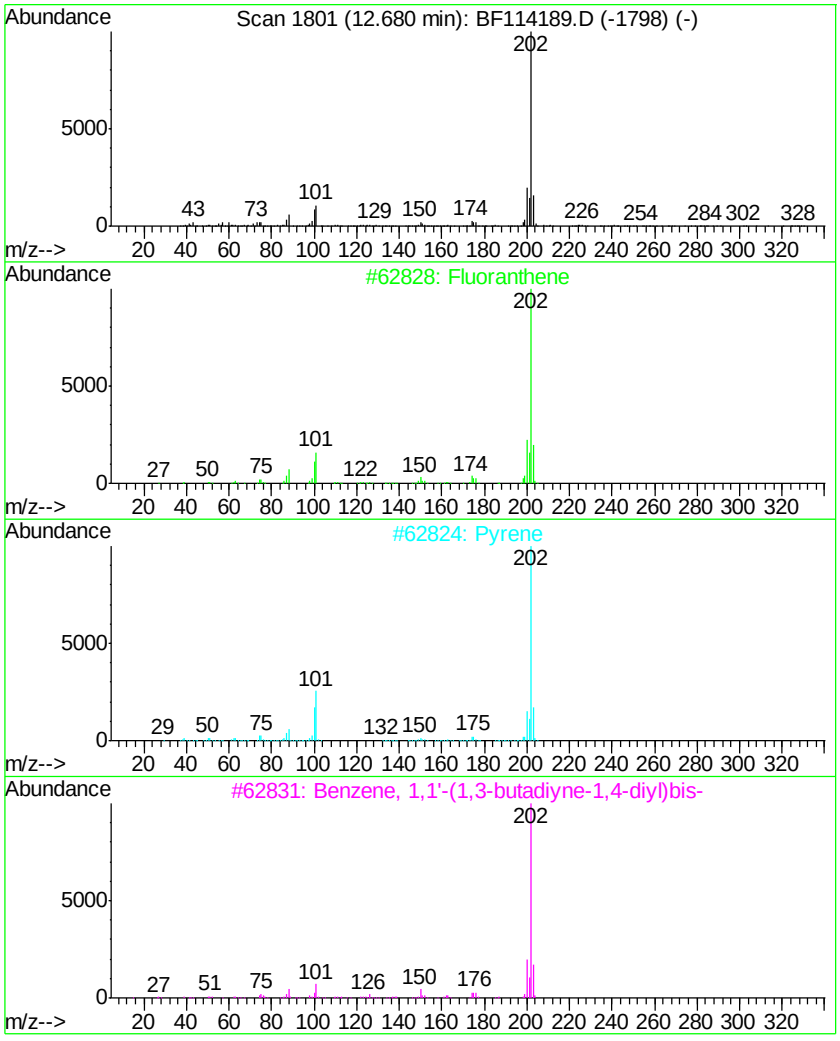
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

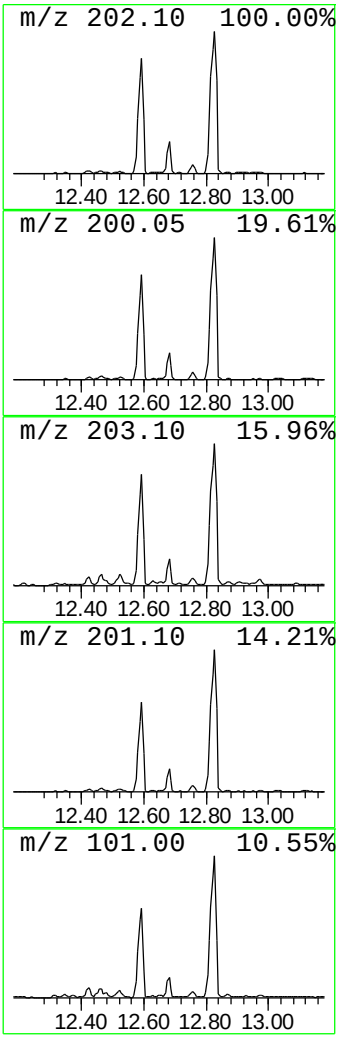
****

Peak Number 13 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	12.88 ng	1727990	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	89
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
4	l-Leucine, N-methyl-N-(2-methoxy...	373	C20H39NO5	1000328-54-4	47
5	l-Leucine, N-methyl-N-(2-methoxy...	443	C25H49NO5	1000328-54-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

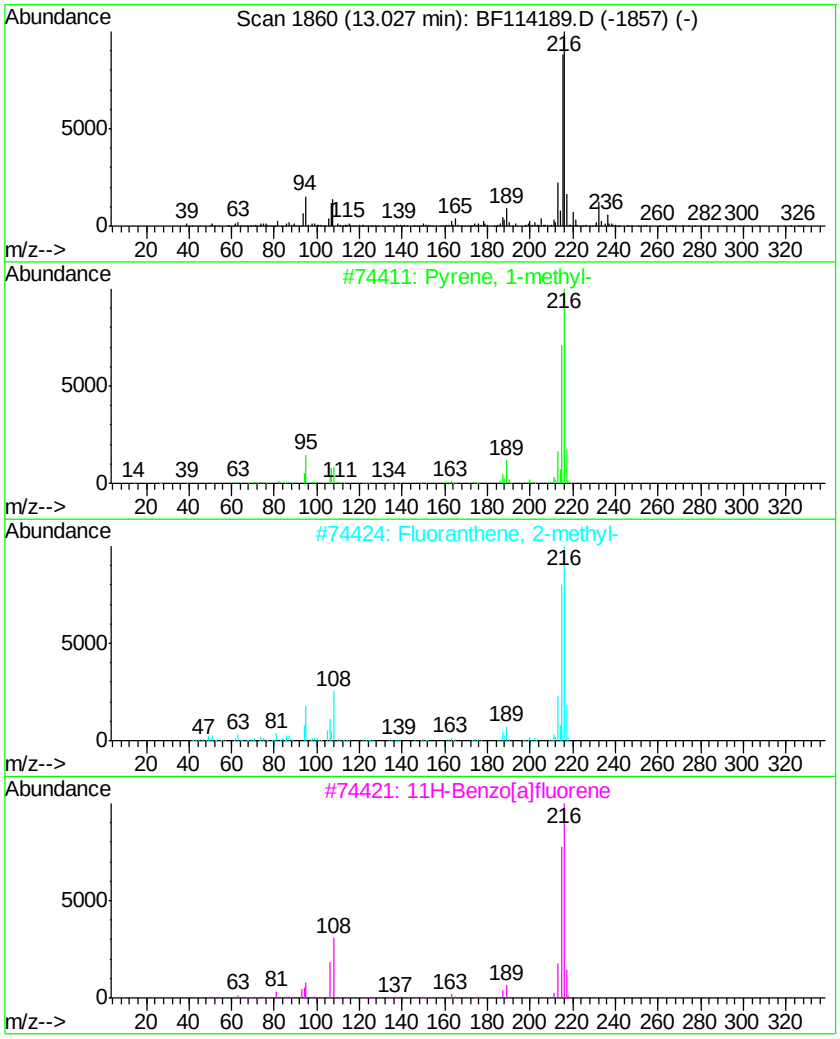
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

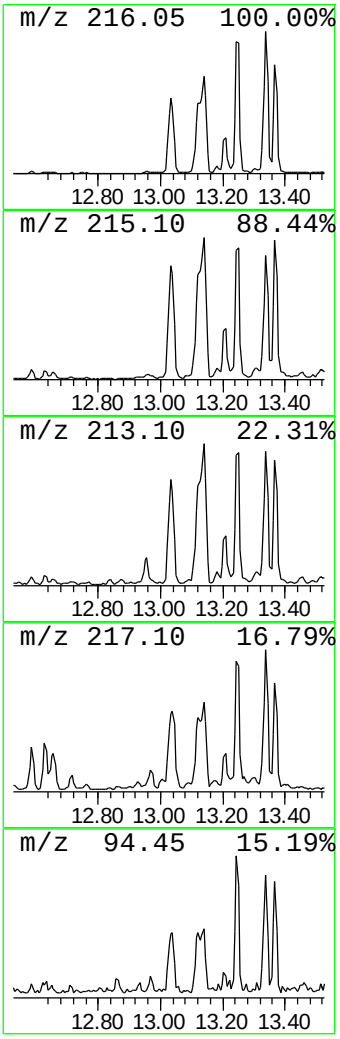
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.25 ng	2491420	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

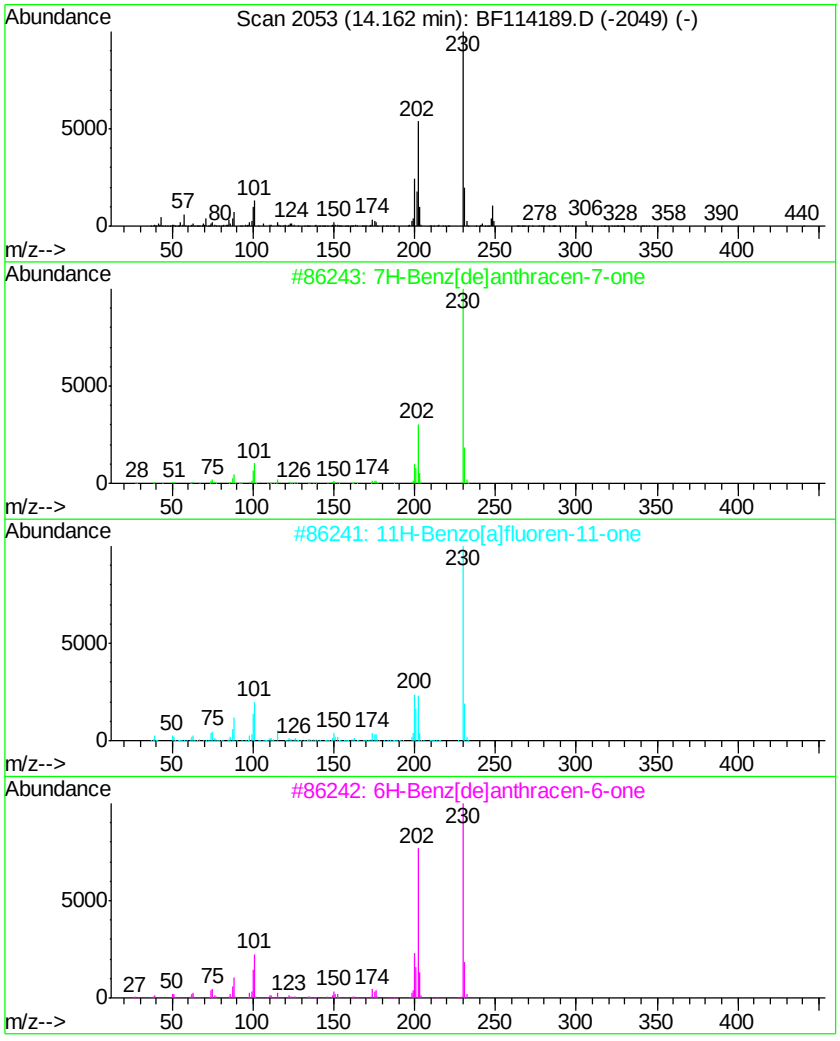
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

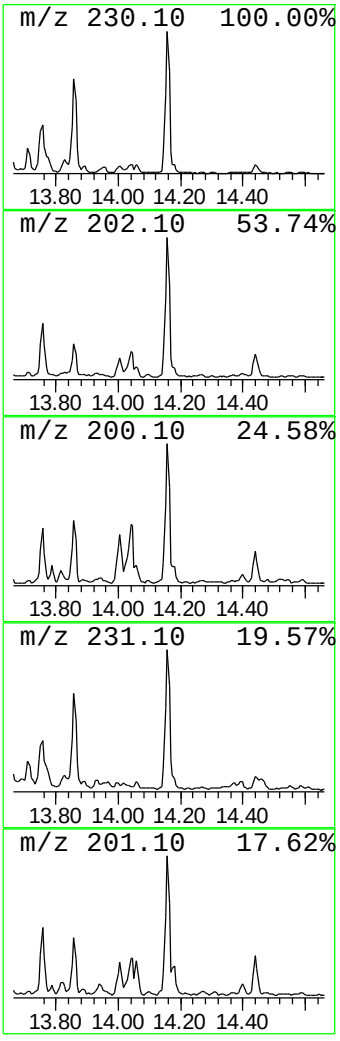
****

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	7.42 ng	2954320	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	86
5	Pyrene	202	C16H10	000129-00-0	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

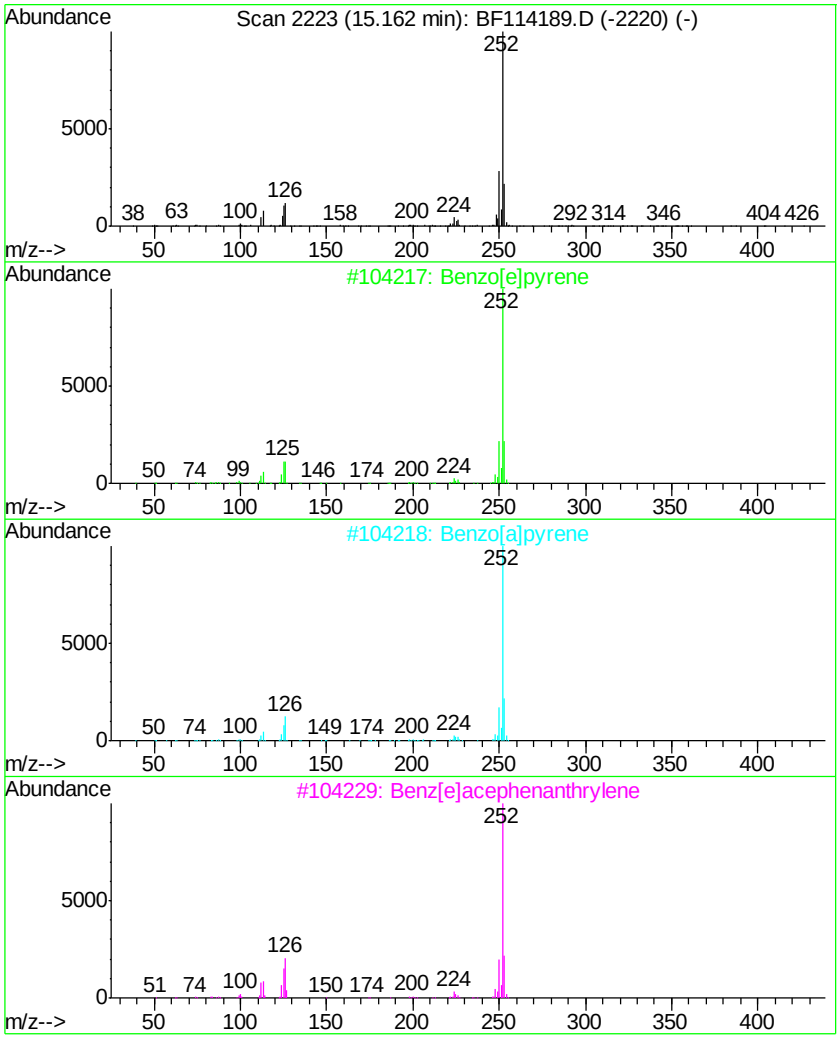
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

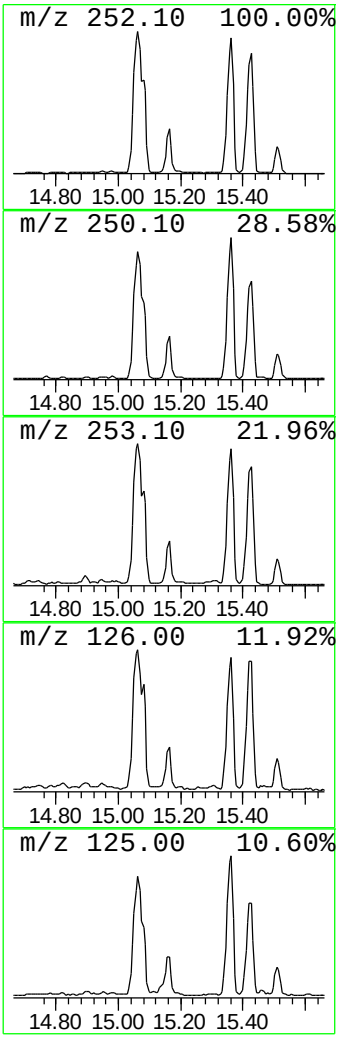
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.52 ng	1091050	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

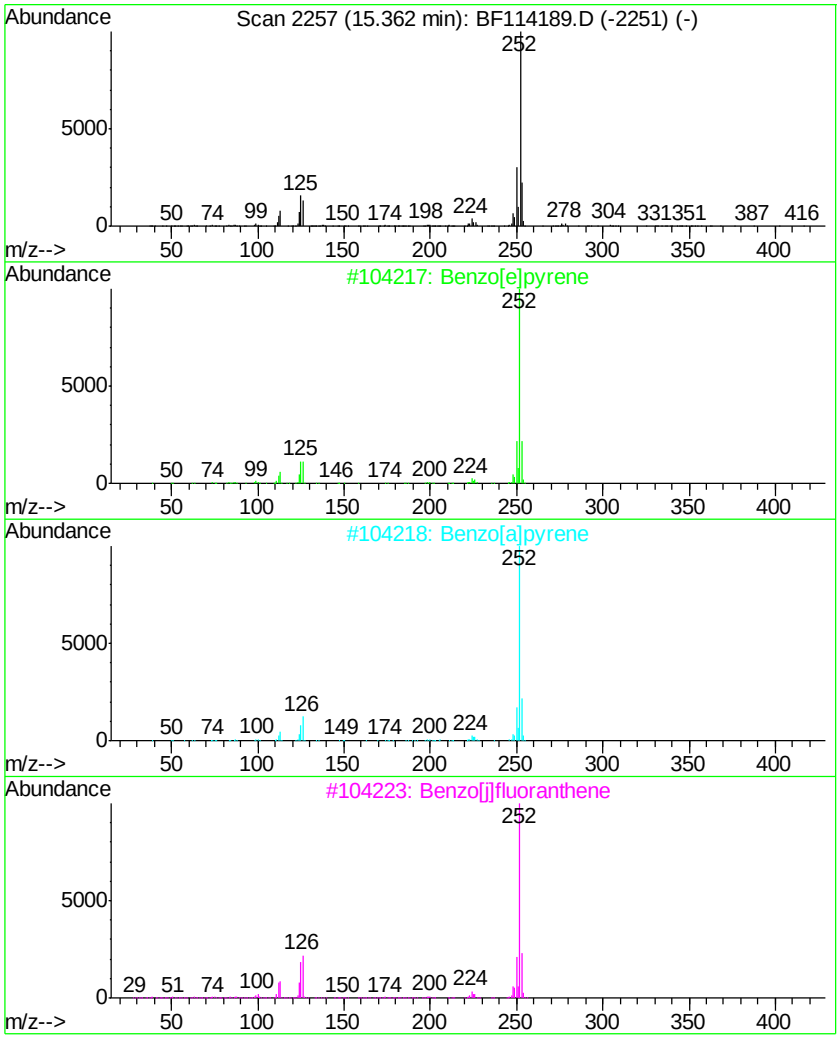
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

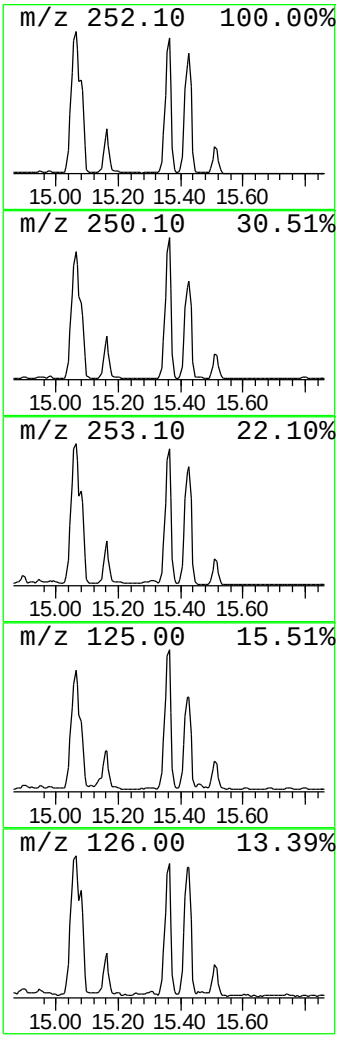
****

Peak Number 17 unknown15.36 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	33.66 ng	4308230	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

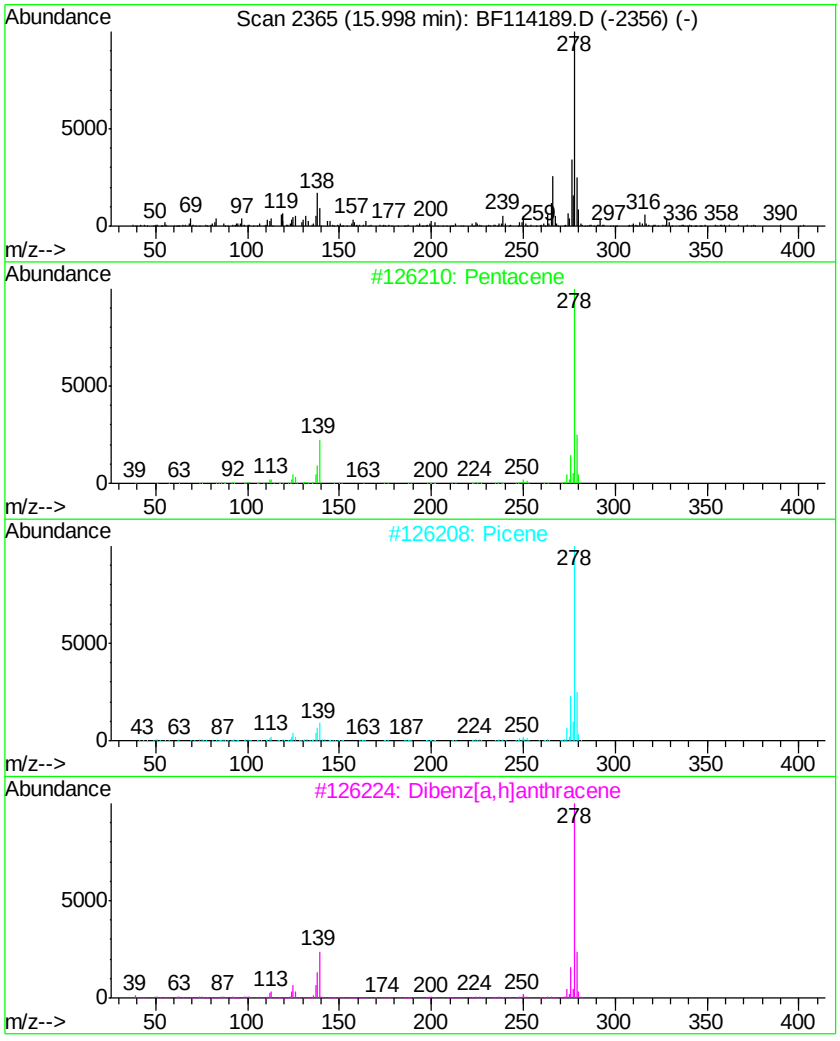
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

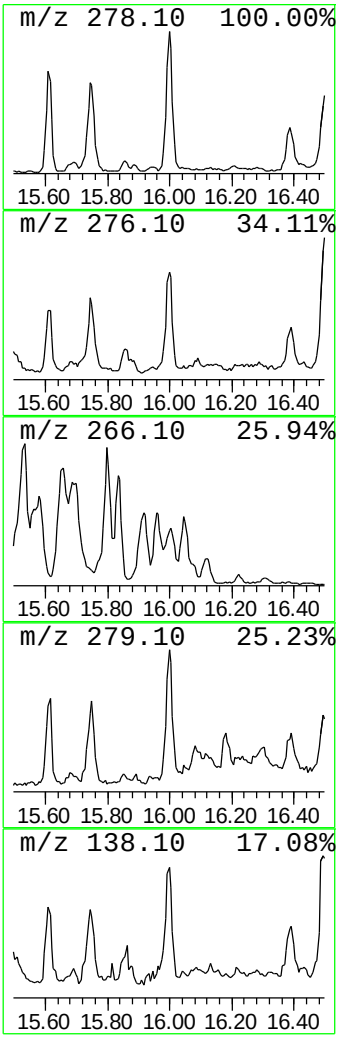
****

Peak Number 18 Pentacene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.55 ng	839052	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	78
2	Picene	278	C22H14	000213-46-7	64
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	53
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

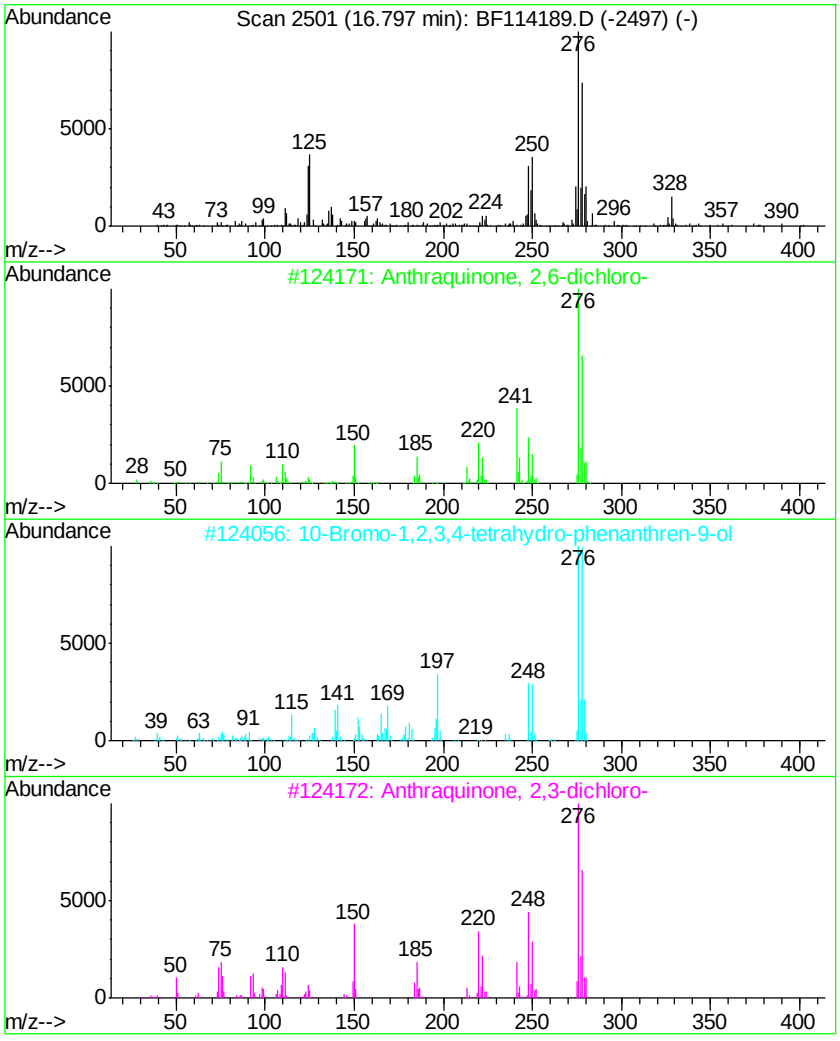
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

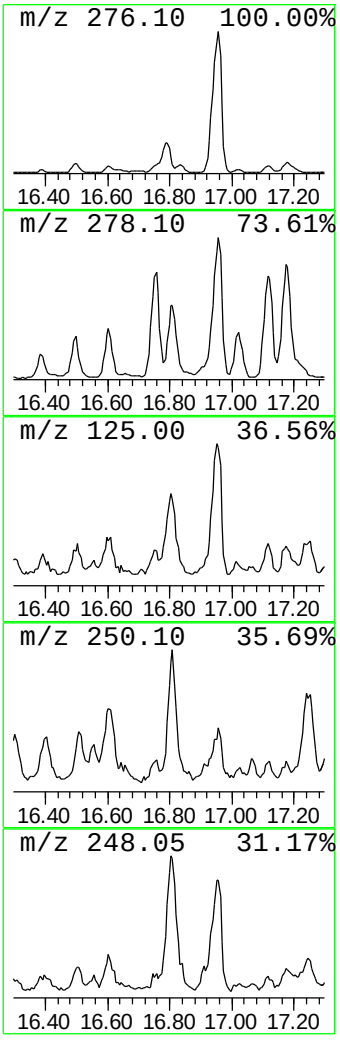
****

Peak Number 19 Anthraquinone, 2,6-dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	9.92 ng	1269290	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	74
2	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	64
3	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	52
4	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	38
5	Benzenamine, 2-fluoro-5-nitro-N-...	278	C13H8ClFN2O2	304478-89-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

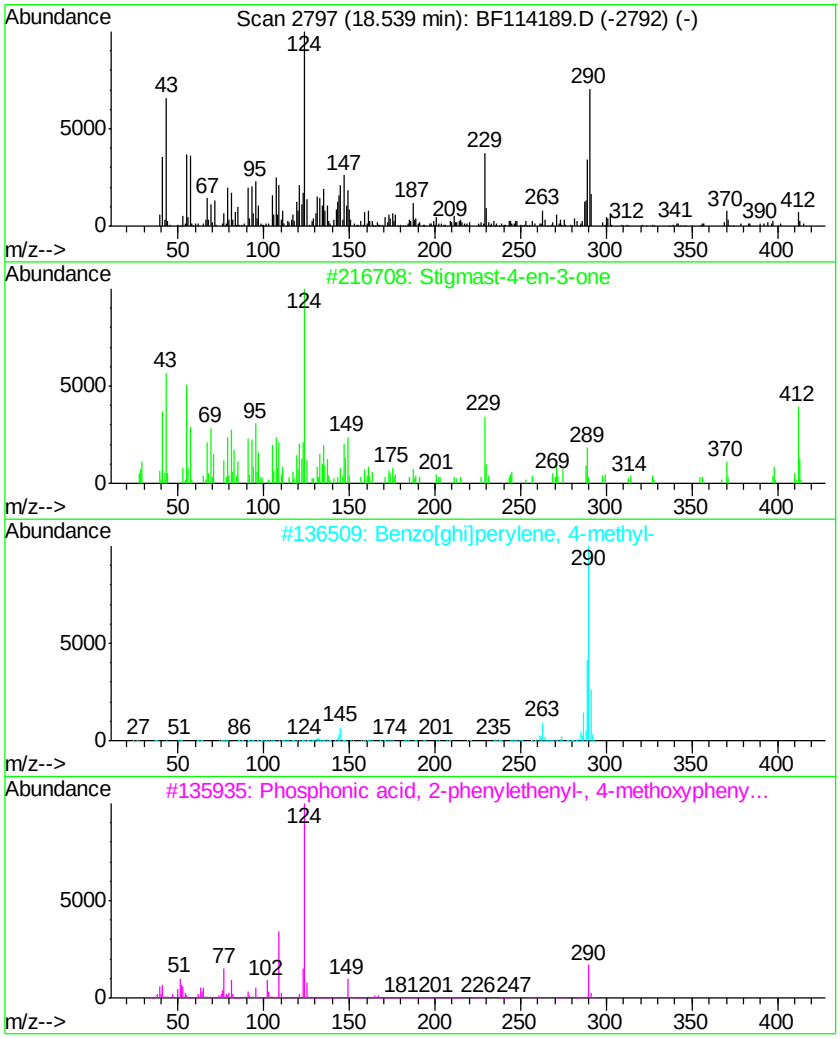
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

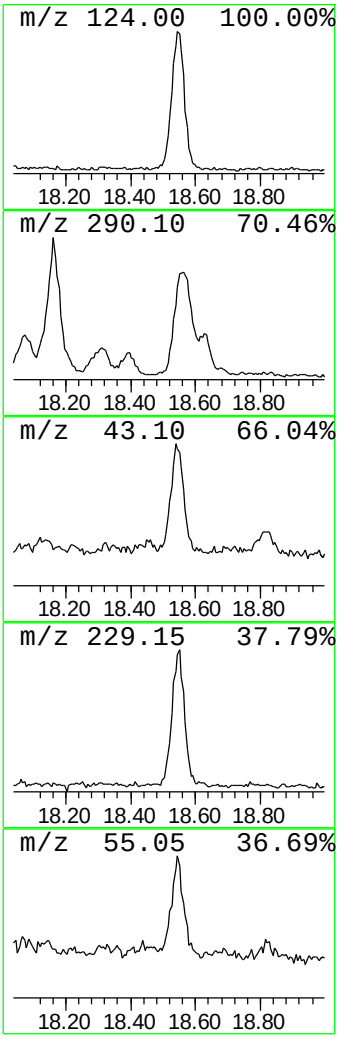
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	9.21 ng	1179320	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	64
2	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	46
3	Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	43
4	Testosterone	288	C19H28O2	000058-22-0	35
5	1,1-Dimethyl-2,5-diphenyl-3-ethy...	290	C20H22Si	149456-77-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.62	6.62	61.6	ng	5529980	1	6.85	1796280	20.0
Anthracene, 9-eth...	11.66	7.2	ng	971627	4	11.37	2683480	20.0
Anthracene, 2-met...	11.87	18.1	ng	2430040	4	11.37	2683480	20.0
Phenanthrene, 2-m...	11.90	21.7	ng	2909350	4	11.37	2683480	20.0
Phenanthrene, 1-m...	11.98	27.2	ng	3644050	4	11.37	2683480	20.0
1H-Indene, 1-phenyl-	12.01	12.6	ng	1692670	4	11.37	2683480	20.0
Naphthalene, 2-ph...	12.17	15.6	ng	2093880	4	11.37	2683480	20.0
9,10-Anthracenedione	12.19	17.5	ng	2347710	4	11.37	2683480	20.0
Phenanthrene, 2,5...	12.42	19.5	ng	2614320	4	11.37	2683480	20.0
Phenanthrene, 2,7...	12.46	12.0	ng	1614230	4	11.37	2683480	20.0
Cyclopenta(def)ph...	12.51	15.6	ng	2095410	4	11.37	2683480	20.0
Benzene, 1,1'-(1,...	12.68	12.9	ng	1727990	4	11.37	2683480	20.0
Pyrene, 1-methyl-	13.03	6.3	ng	2491420	5	14.02	7968250	20.0
7H-Benz[de]anthra...	14.16	7.4	ng	2954320	5	14.02	7968250	20.0
Benzo[e]pyrene	15.16	8.5	ng	1091050	6	15.48	2560050	20.0
unknown15.36	15.36	33.7	ng	4308230	6	15.48	2560050	20.0
Pentacene	16.00	6.5	ng	839052	6	15.48	2560050	20.0
Anthraquinone, 2,...	16.80	9.9	ng	1269290	6	15.48	2560050	20.0
Stigmast-4-en-3-one	18.54	9.2	ng	1179320	6	15.48	2560050	20.0