LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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	2.134	3	8	23	rVB	1178420	1630929	27.26%	1.582%
2	3.369	216	218	231	rBV	51851	136918	2.29%	0.133%
3	5.486	574	578	588	rBV	5587780	5752661	96.15%	5.579%
4	6.498	745	750	753	rBV	6048457	5982925	100.00%	5.802%
5	6.628	768	772	776	rBV	6301936	5897398	98.57%	5.719%
6	6.851	807	810	814	rBV	1955090	1571844	26.27%	1.524%
7	7.010	833	837	840	rBV	5277431	4525571	75.64%	4.389%
8	7.416	901	906	909	rBV	3921582	3839063	64.17%	3.723%
9	7.451	909	912	917	rVB	198427	183804	3.07%	0.178%
10	8.133	1024	1028	1031	rBV	2289927	1926403	32.20%	1.868%
11	8.780	1131	1138	1143	rVB3	55815	105672	1.77%	0.102%
12	9.204	1206	1210	1214	rBV	6036073	5876572	98.22%	5.699%
13	9.322	1225	1230	1234	rVB	490007	456908	7.64%	0.443%
14	9.545	1264	1268	1270	rBV	109676	100753	1.68%	0.098%
15	9.598	1274	1277	1286	rVV	1324974	1153608	19.28%	1.119%
16	9.745	1298	1302	1306	rBV	531401	438498	7.33%	0.425%
17	9.798	1309	1311	1317	rVB2	124644	123478	2.06%	0.120%
18	9.886	1322	1326	1330	rVB	2429339	2021176	33.78%	1.960%
19	10.292	1391	1395	1397	rBV3	75901	111061	1.86%	0.108%
20	10.433	1416	1419	1422	rBV	127419	143466	2.40%	0.139%
21	10.674	1454	1460	1464	rBV	3829066	3751074	62.70%	3.638%
22	10.798	1476	1481	1484	rBV2	157979	229781	3.84%	0.223%
23	10.980	1508	1512	1515	rBV2	112047	142935	2.39%	0.139%
24	11.268	1558	1561	1566	rVB	248590	239932	4.01%	0.233%
25	11.316	1566	1569	1573	rBV3	82818	104729	1.75%	0.102%
26	11.374	1575	1579	1581	rBV	2096704	2263059	37.83%	2.195%
27	11.398	1581	1583	1589	rVV	2634216	2102303	35.14%	2.039%
28	11.445	1589	1591	1594	rVB	248082	183820	3.07%	0.178%
29	11.480	1594	1597	1600	rBV2	94969	113517	1.90%	0.110%
30	11.592	1613	1616	1622	rVV5	125779	217676	3.64%	0.211%
31	11.663	1623	1628	1631	rVV2	344992	358857	6.00%	0.348%
32	11.704	1632	1635	1639	rVV2	207566	192922	3.22%	0.187%
33	11.786	1647	1649	1652	rVB	96930	93096	1.56%	0.090%
34	11.827	1653	1656	1659	rBV2	110986	116583	1.95%	0.113%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

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

35	11.874	1660	1664	1666	rVV	769069	732615	12.25%	0.710%
36	11.898	1666	1668	1674	rVV2	1752551	1624208	27.15%	1.575%
37	11.945	1674	1676	1679	rVV	127295	146454	2.45%	0.142%
38	11.980	1679	1682	1685	rVV2	945712	1081480	18.08%	1.049%
39	12.010	1685	1687	1691	rVV	589338	489291	8.18%	0.474%
40	12.068	1692	1697	1701	rVV4	148122	240926	4.03%	0.234%
41	12.104	1701	1703	1706	rVV2	144097	134500	2.25%	0.130%
42	12.168	1710	1714	1716	rVV	628477	615895	10.29%	0.597%
43	12.192	1716	1718	1724	rVB2	561212	529400	8.85%	0.513%
44	12.315	1737	1739	1742	rVV	190597	181311	3.03%	0.176%
45	12.351	1742	1745	1747	rVV	236717	201972	3.38%	0.196%
46	12.374	1747	1749	1751	rVB	169950	129181	2.16%	0.125%
47	12.410	1751	1755	1760	rBV2	1199086	1842704	30.80%	1.787%
48	12.457	1760	1763	1765	rVV2	478023	527506	8.82%	0.512%
49	12.480	1765	1767	1769	rVB	252240	189900	3.17%	0.184%
50	12.510	1769	1772	1777	rBV3	486823	562158	9.40%	0.545%
51	12.586	1781	1785	1788	rVV	2913795	2567254	42.91%	2.490%
52	12.610	1788	1789	1794	rVV2	230834	262801	4.39%	0.255%
53	12.651	1794	1796	1798	rVB2	128095	107409	1.80%	0.104%
54	12.680	1798	1801	1804	rBV	872515	783762	13.10%	0.760%
55	12.715	1804	1807	1809	rBV2	160296	128155	2.14%	0.124%
56	12.815	1819	1824	1830	rBV	4091669	4147472	69.32%	4.022%
57	12.868	1830	1833	1836	rVB2	208378	232047	3.88%	0.225%
58	12.951	1841	1847	1851	rBV	4323376	4430369	74.05%	4.296%
59	13.033	1857	1861	1867	rBV2	483664	739662	12.36%	0.717%
60	13.086	1868	1870	1872	rVV3	136165	115214	1.93%	0.112%
61	13.121	1872	1876	1877	rVV2	460206	506865	8.47%	0.492%
62	13.139	1877	1879	1884	rVV	570742	665058	11.12%	0.645%
63	13.180	1884	1886	1888	rVV2	178892	175924	2.94%	0.171%
64	13.210	1888	1891	1894	rVV	222024	225266	3.77%	0.218%
65	13.245	1894	1897	1900	rVV	636193	535959	8.96%	0.520%
66	13.310	1905	1908	1910	rVV2	138016	149765	2.50%	0.145%
67	13.339	1910	1913	1915	rVV	617703	517762	8.65%	0.502%
68	13.368	1915	1918	1921	rVV	553793	467403	7.81%	0.453%
69	13.457	1930	1933	1936	rVB2	137952	137720	2.30%	0.134%
70	13.651	1963	1966	1971	rVB	382462	426865	7.13%	0.414%
71	13.757	1979	1984	1987	rBV3	425555	585663	9.79%	0.568%

LSC Area Percent Report

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Sample : K2768-18
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.786	1987	1989	1991	rVV	527575	410126	6.85%	0.398%
73	13.809	1991	1993	1996	rVV	371369	362725	6.06%	0.352%
74	13.845	1996	1999	2005	rVB3	643716	966880	16.16%	0.938%
75	14.009	2022	2027	2030	rBV2	2392249	3618100	60.47%	3.509%
76	14.039	2030	2032	2037	rVV	2037348	1692552	28.29%	1.641%
77	14.098	2040	2042	2046	rBV3	125620	160920	2.69%	0.156%
78	14.157	2049	2052	2062	rVB2	576380	803463	13.43%	0.779%
79	14.362	2085	2087	2089	rBV2	149932	140038	2.34%	0.136%
80	14.398	2089	2093	2096	rVV	526498	684522	11.44%	0.664%
81	14.433	2096	2099	2103	rVV2	414853	508374	8.50%	0.493%
82	14.480	2103	2107	2112	rVV4	653610	1056077	17.65%	1.024%
83	14.527	2112	2115	2117	rVV2	384407	444158	7.42%	0.431%
84	14.545	2117	2118	2121	rVV	338827	249974	4.18%	0.242%
85	14.598	2124	2127	2130	rVB	218052	216152	3.61%	0.210%
86	14.756	2152	2154	2156	rBV2	124548	124841	2.09%	0.121%
87	14.780	2156	2158	2162	rVV2	267701	269488	4.50%	0.261%
88	14.821	2163	2165	2168	rVB	184479	178094	2.98%	0.173%
89	15.056	2200	2205	2212	rBV	1414845	2675235	44.71%	2.594%
90	15.115	2212	2215	2218	rVV	463983	521470	8.72%	0.506%
91	15.162	2221	2223	2227	rVB	322480	326283	5.45%	0.316%
92	15.356	2252	2256	2262	rVB	1148952	1408193	23.54%	1.366%
93	15.421	2262	2267	2272	rBV	1423286	1702063	28.45%	1.651%
94	15.486	2273	2278	2289	rVB2	1382821	2222251	37.14%	2.155%
95	15.692	2310	2313	2320	rVB3	221074	326537	5.46%	0.317%
96	15.927	2349	2353	2357	rVB	336954	462951	7.74%	0.449%
97	16.045	2370	2373	2377	rVB2	161933	214525	3.59%	0.208%
98	16.721	2484	2488	2491	rBV2	152611	234531	3.92%	0.227%
99	16.950	2522	2527	2534	rVB2	485914	930424	15.55%	0.902%
100	17.397	2597	2603	2611	rVB	464779	982993	16.43%	0.953%

Sum of corrected areas: 103120828

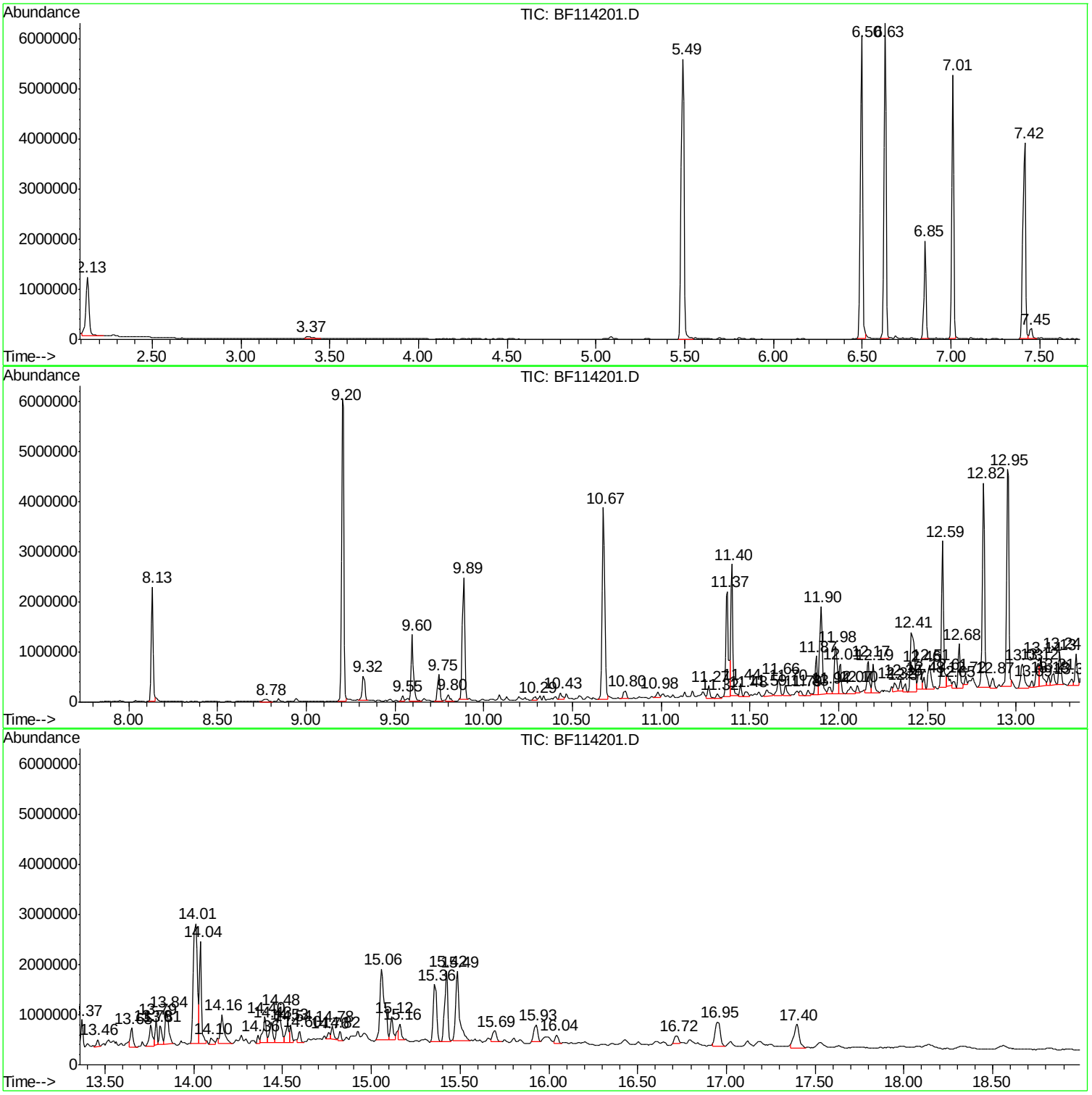
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
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ClientSampleId : P026-SS016-0206-01

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

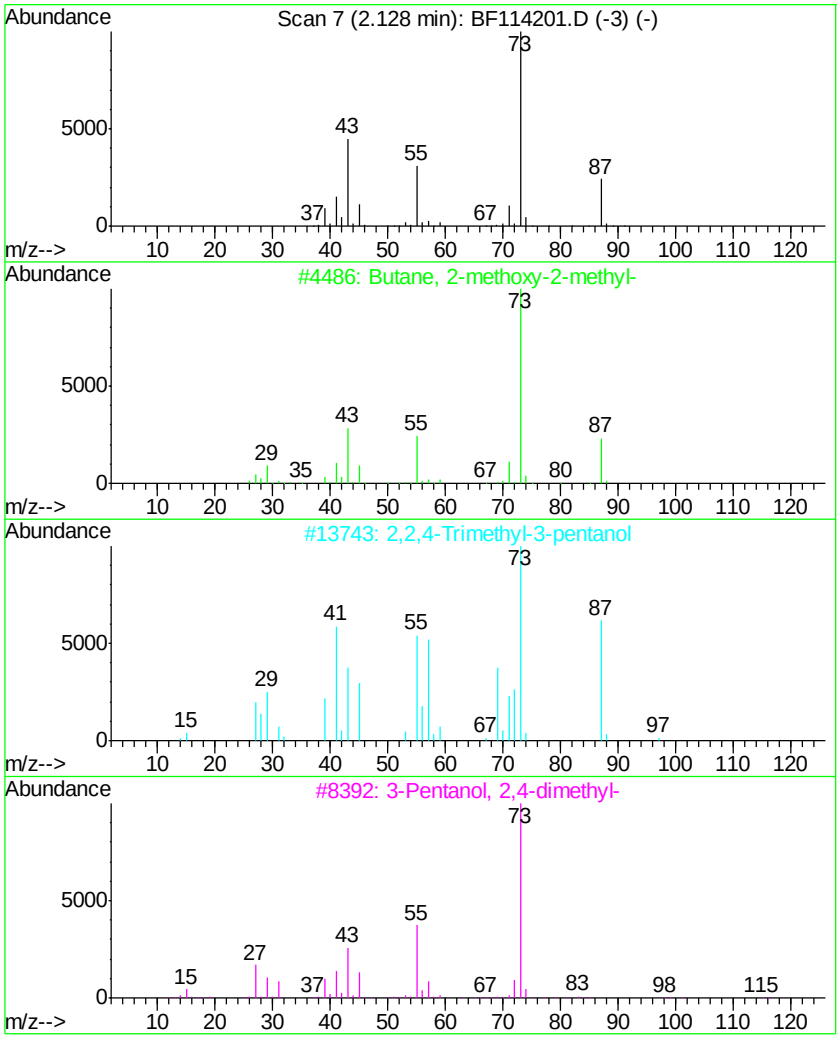
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

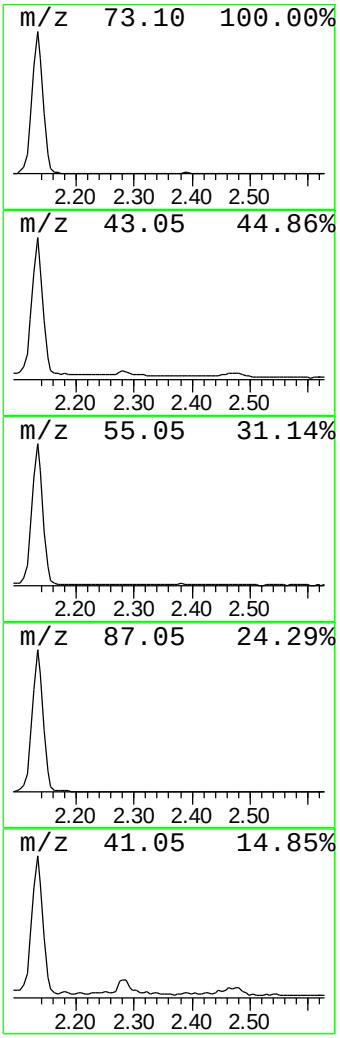
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	20.75 ng	1630930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

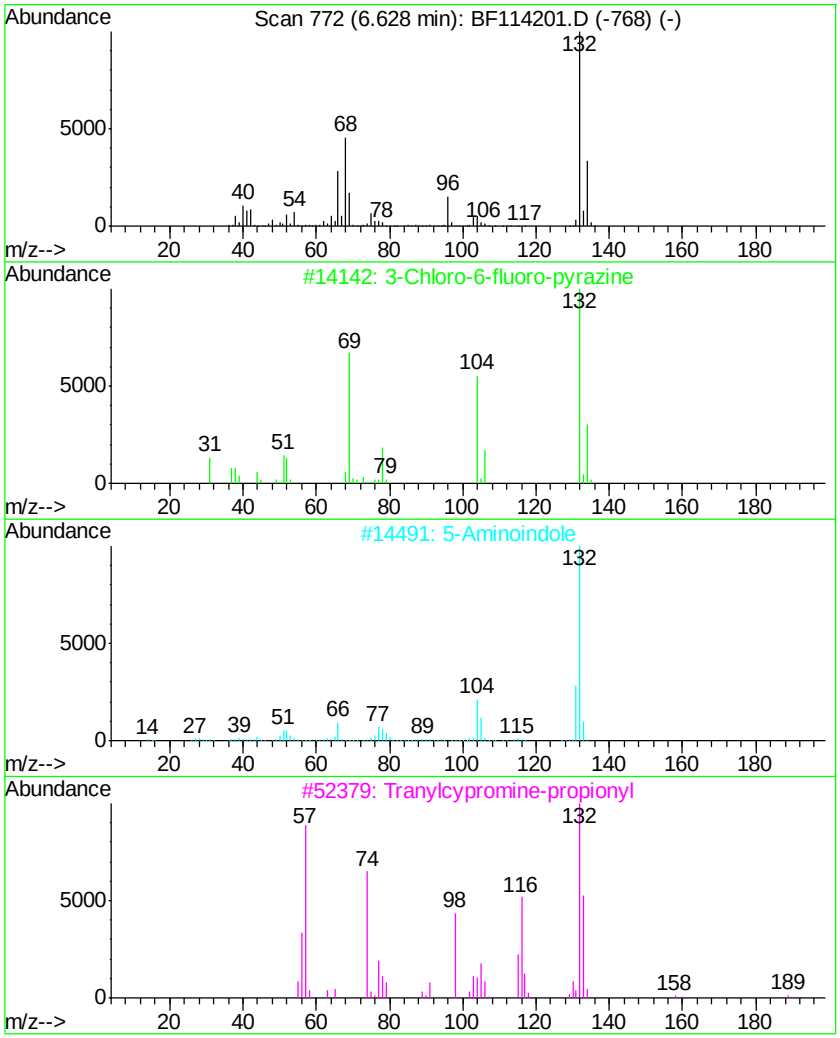
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

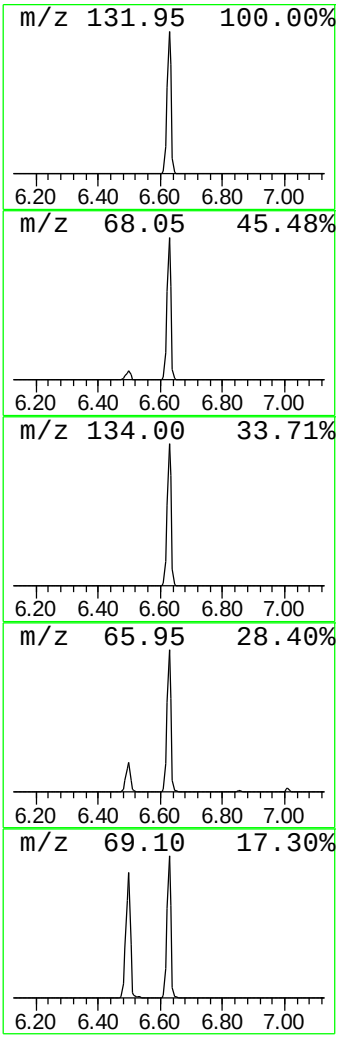
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	75.04 ng	5897400	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	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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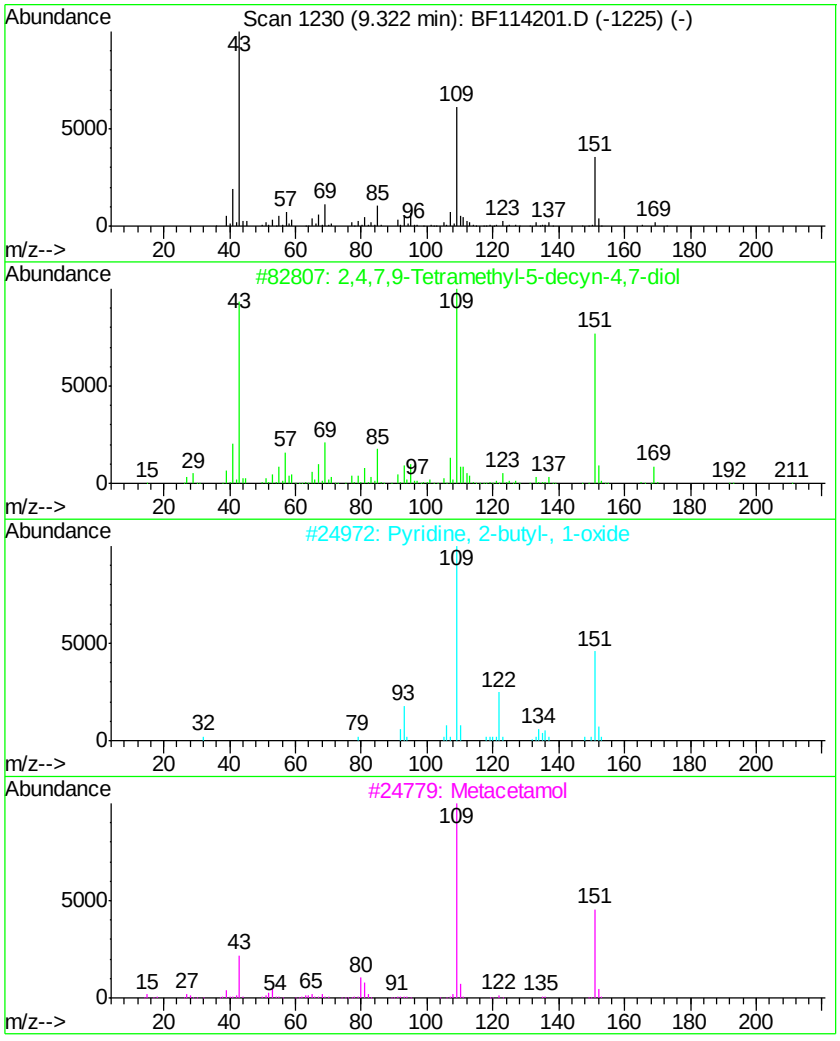
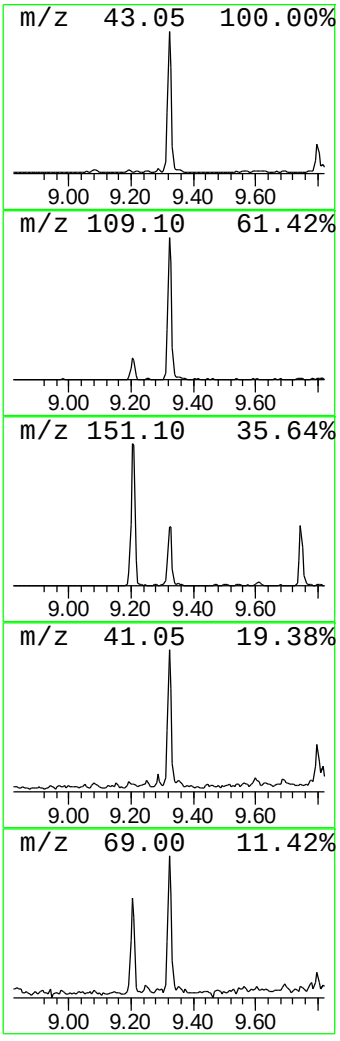
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.52 ng	456908	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	46
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
5	Acetaminophen	151	C8H9NO2	000103-90-2	43





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

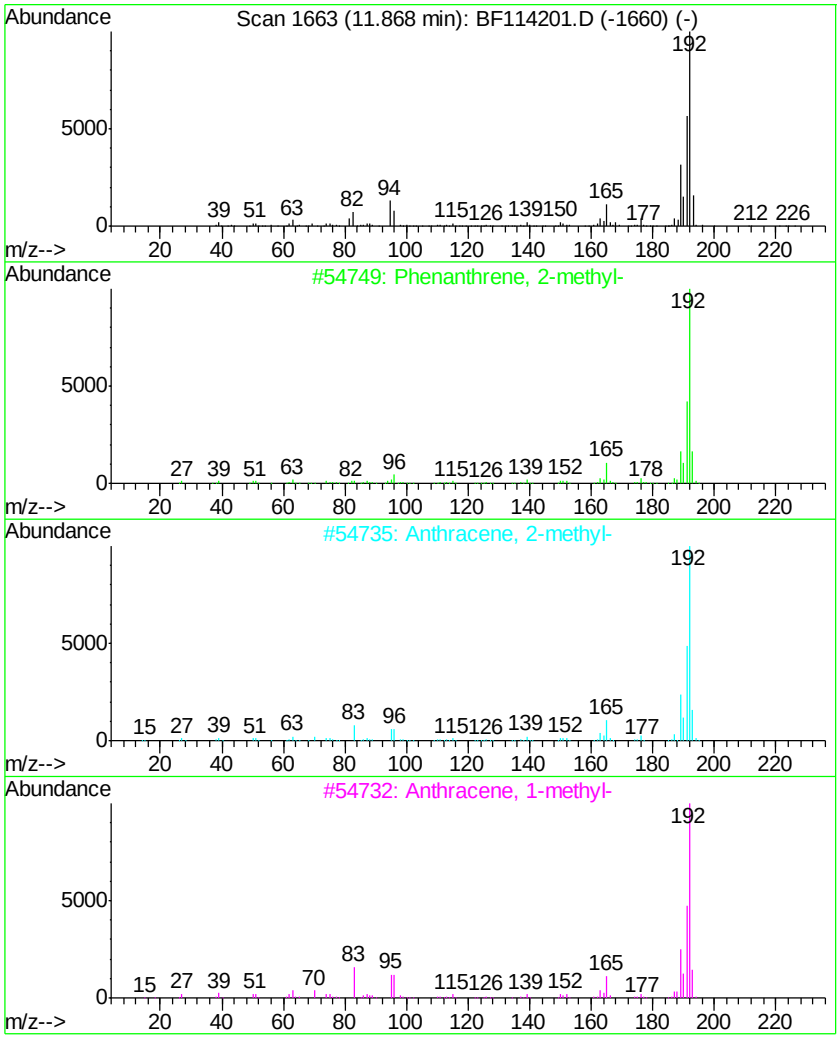
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

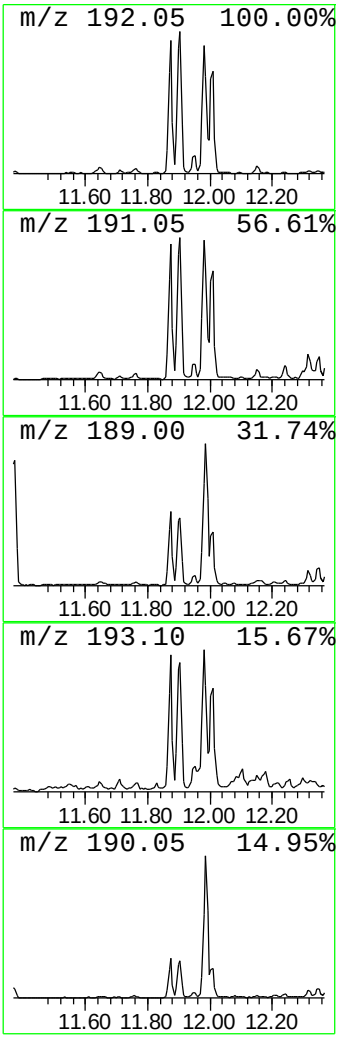
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.47 ng	732615	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

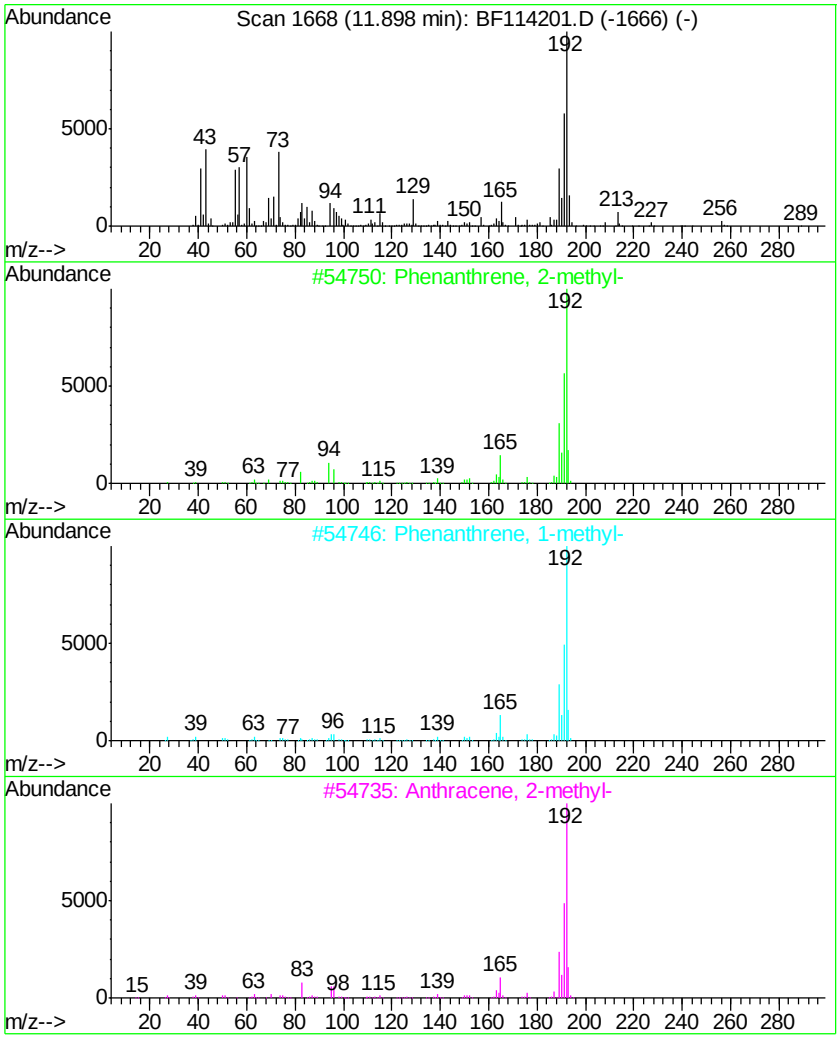
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

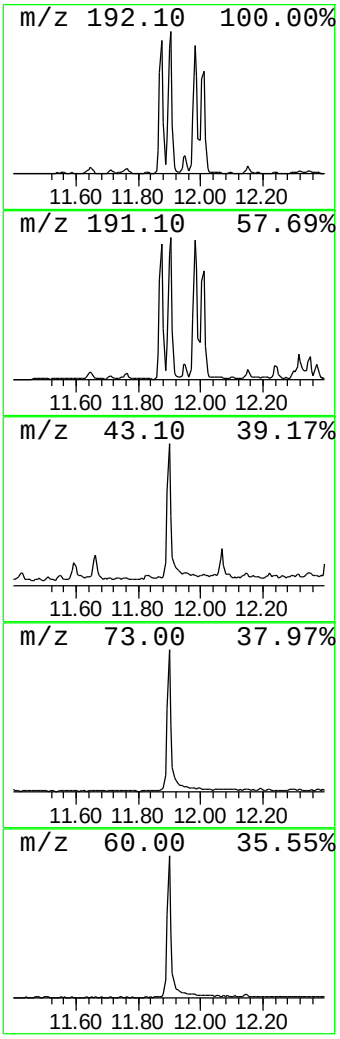
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	14.35 ng	1624210	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

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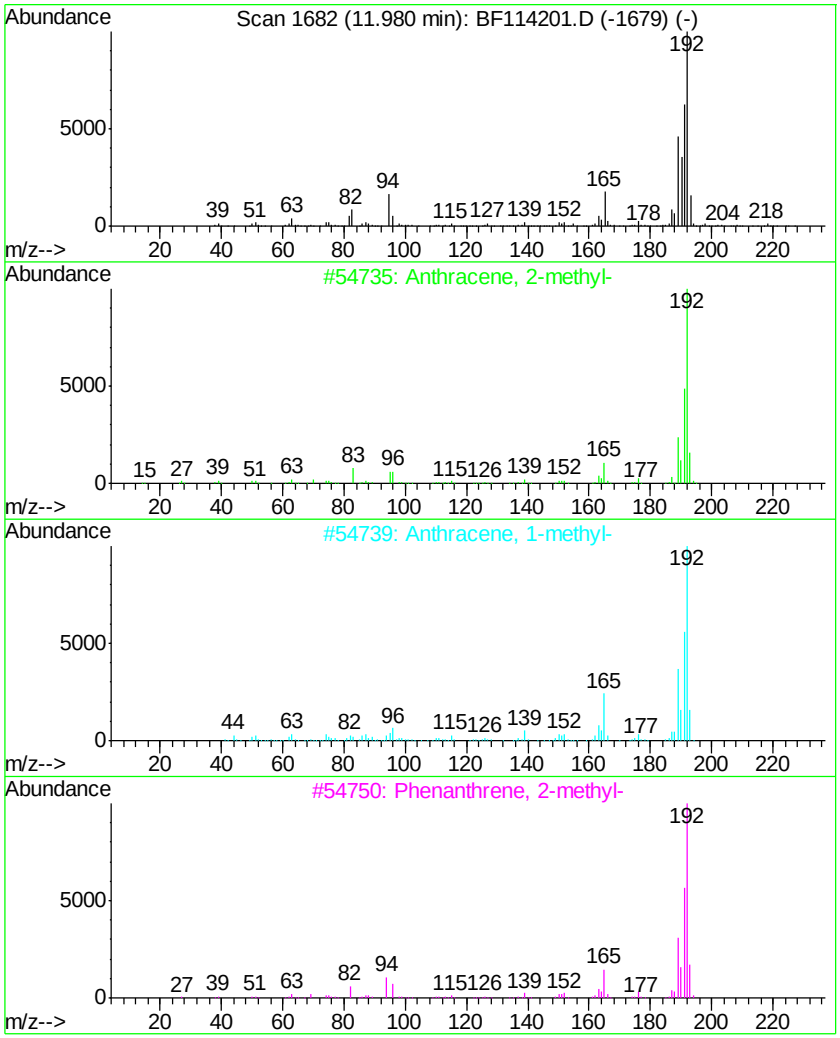
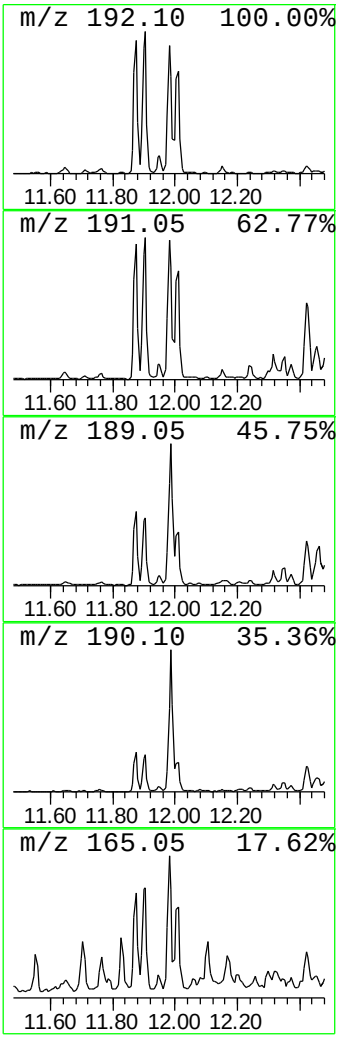
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	9.56 ng	1081480	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

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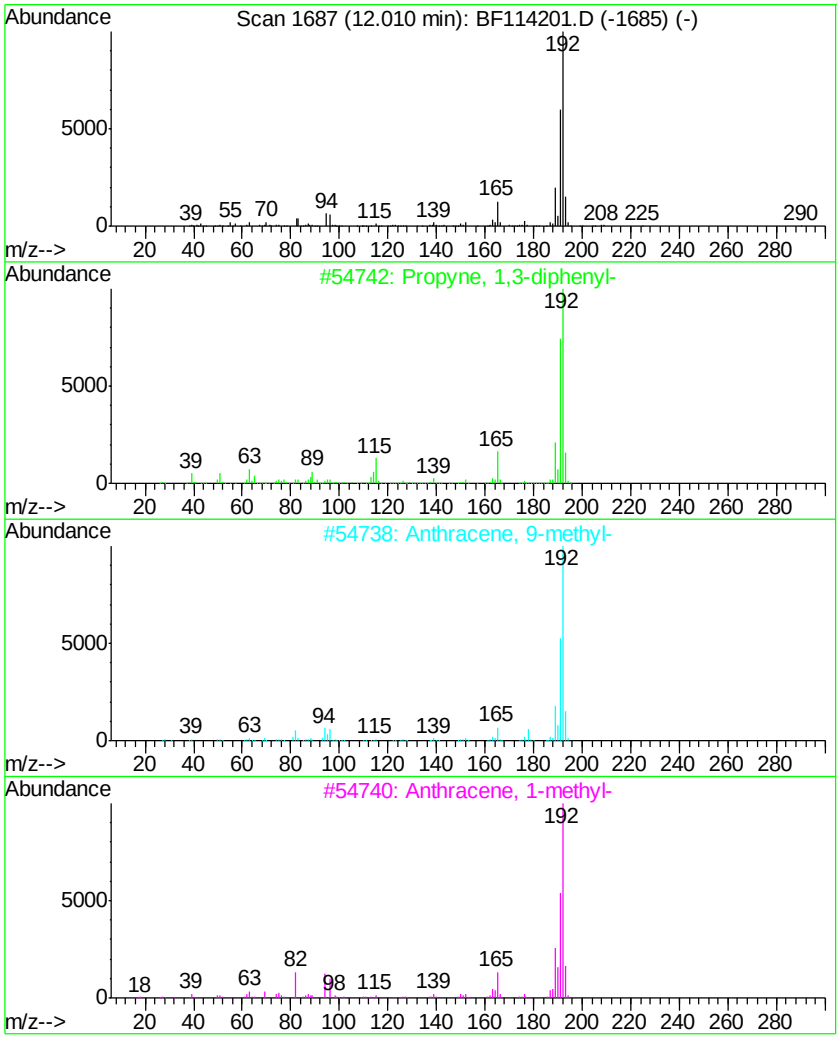
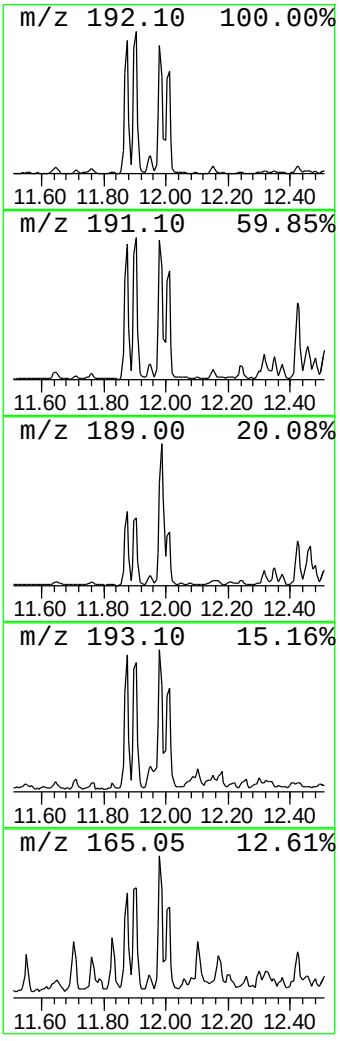
Peak Number 8 Propyne, 1,3-diphenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.32 ng	489291	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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ClientSampleId : P026-SS016-0206-01

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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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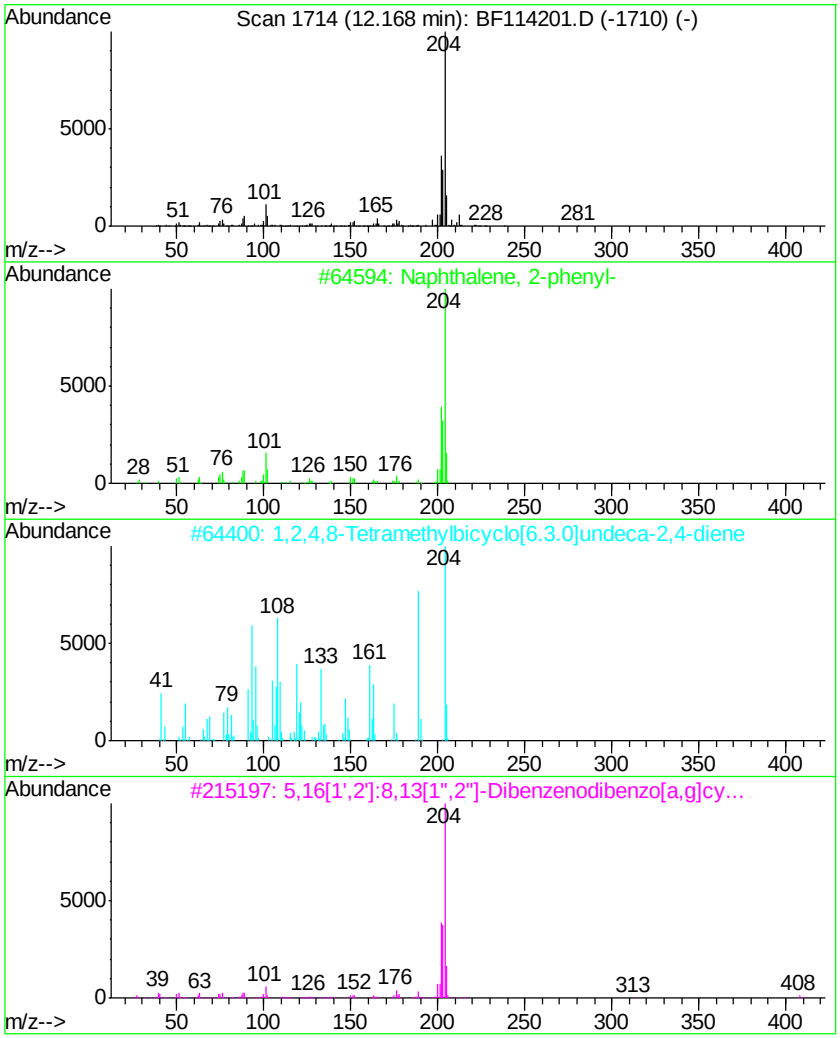
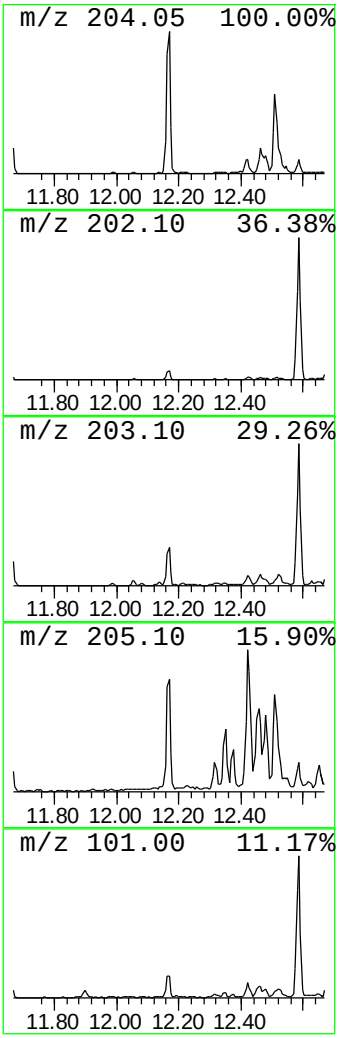
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.44 ng	615895	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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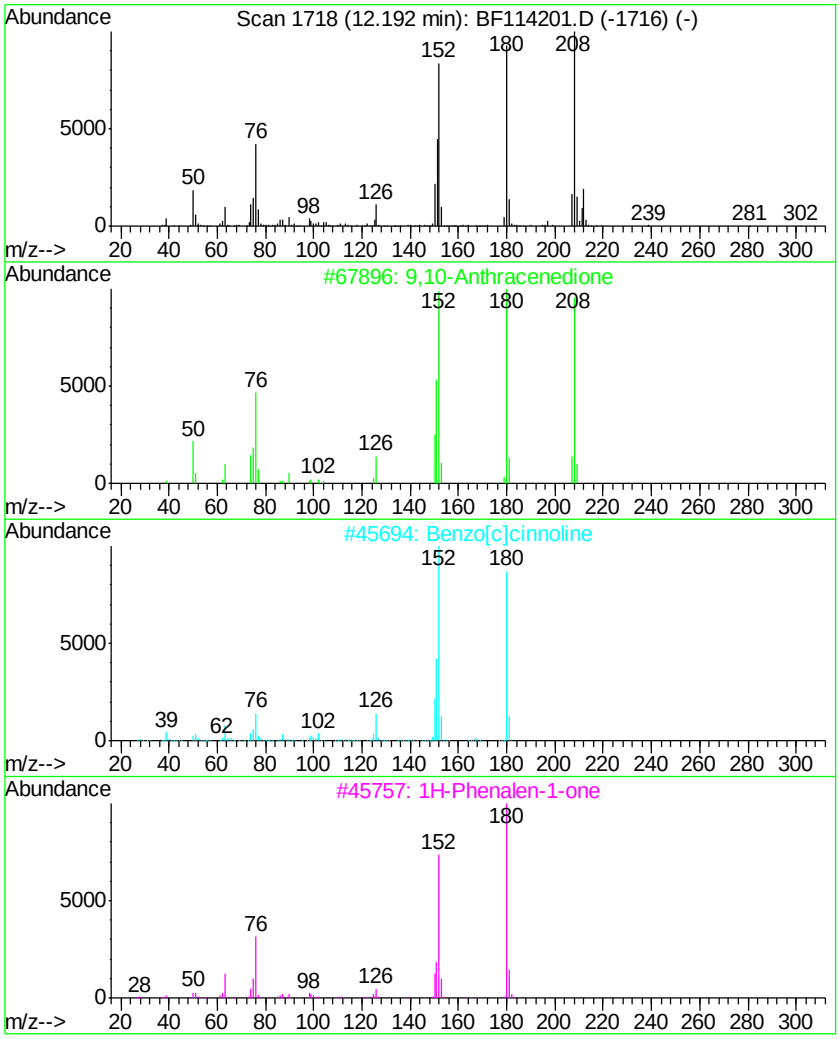
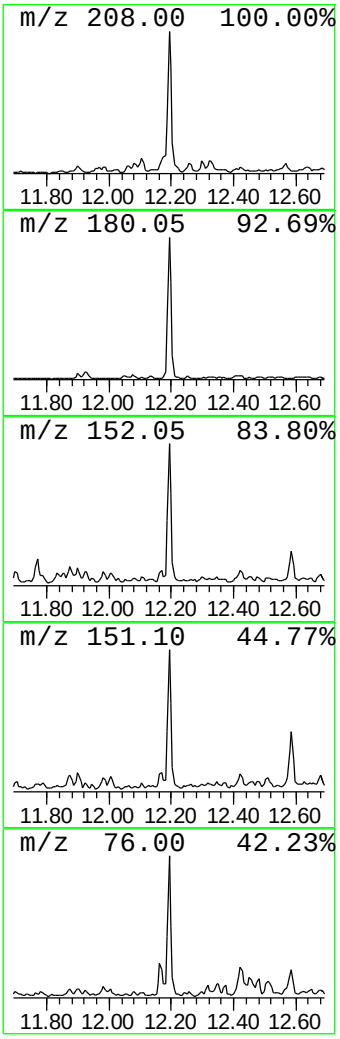
Peak Number 10 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.68 ng	529400	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	58
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50





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Operator : JU/SJ
Sample : K2768-18
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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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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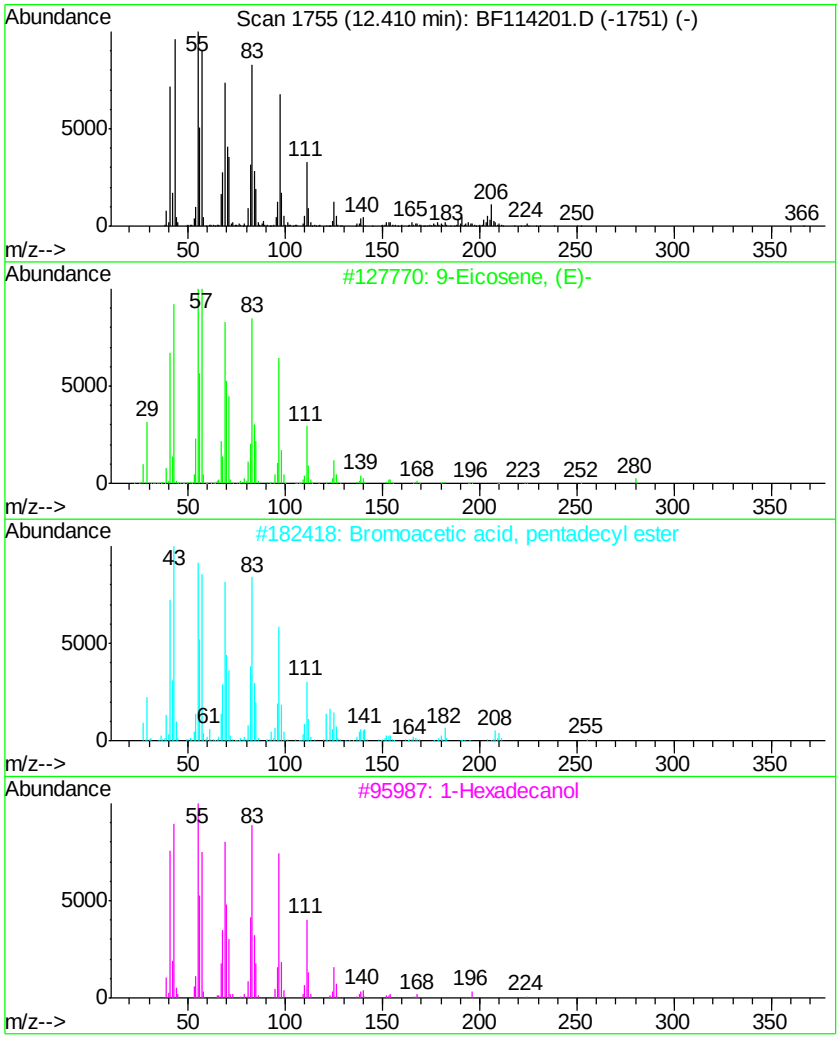
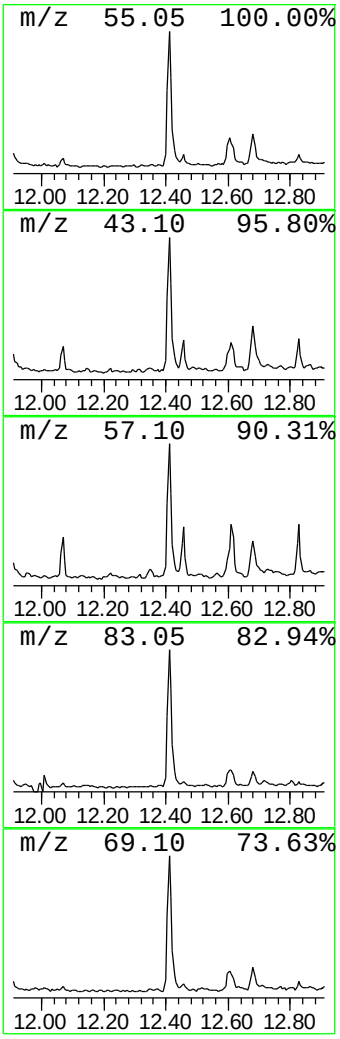
Peak Number 11 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	16.29 ng	1842700	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Cyclohexadecane	224	C16H32	000295-65-8	94
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93





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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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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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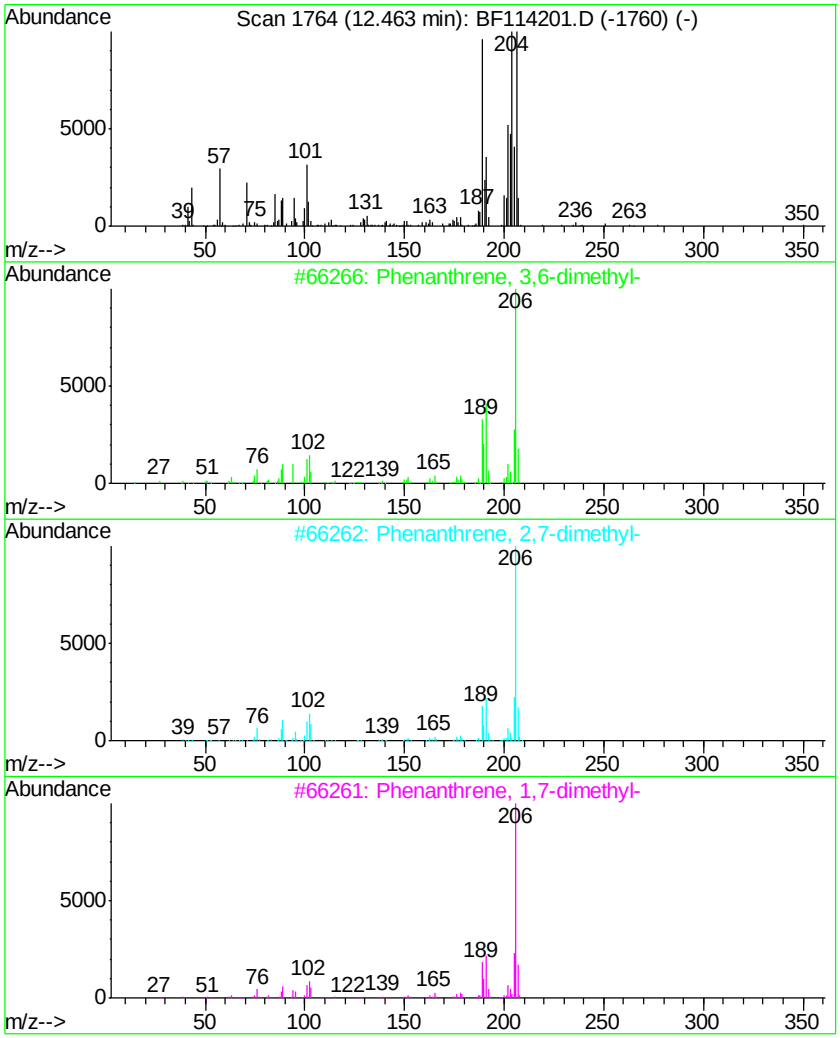
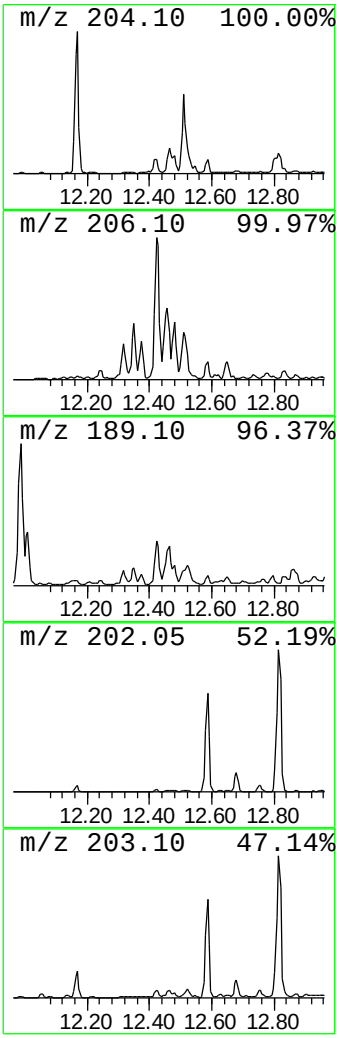
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.66 ng	527506	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	62
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	62
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49





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Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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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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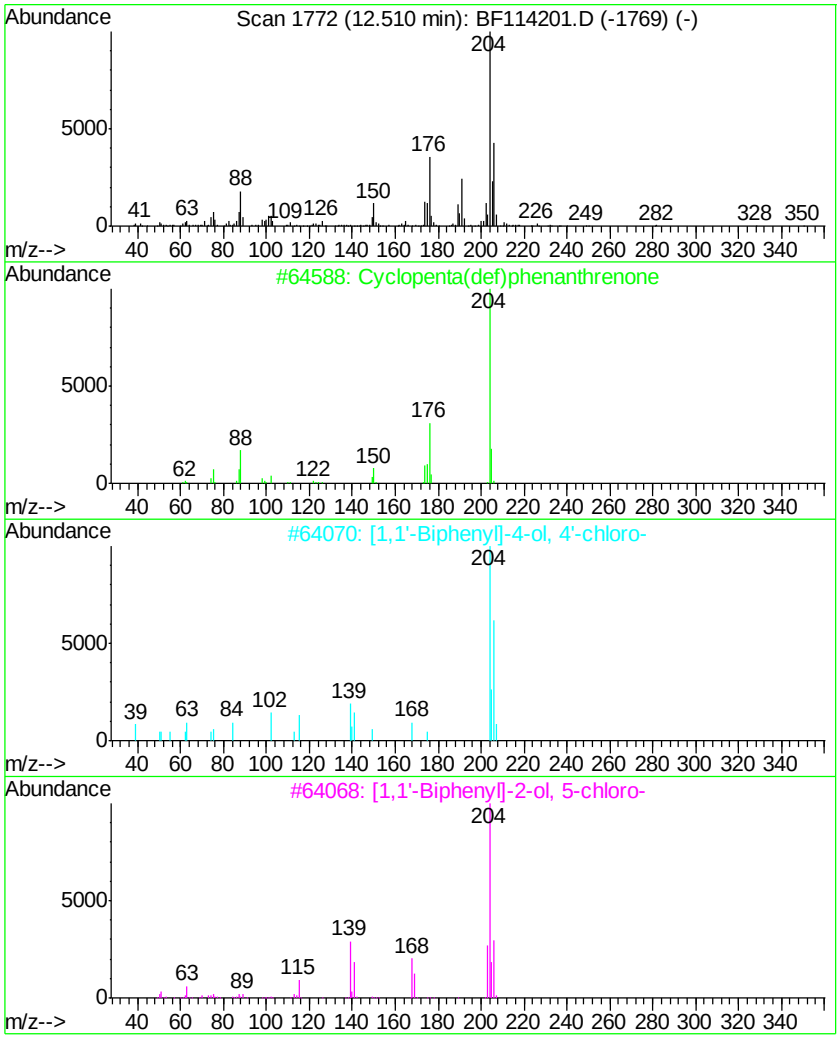
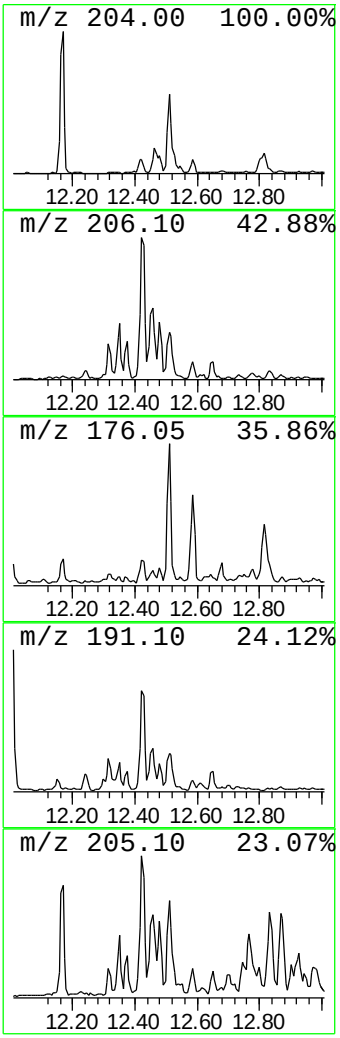
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.97 ng	562158	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
4	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47





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Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

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TIC Integration Parameters: LSCINT.P

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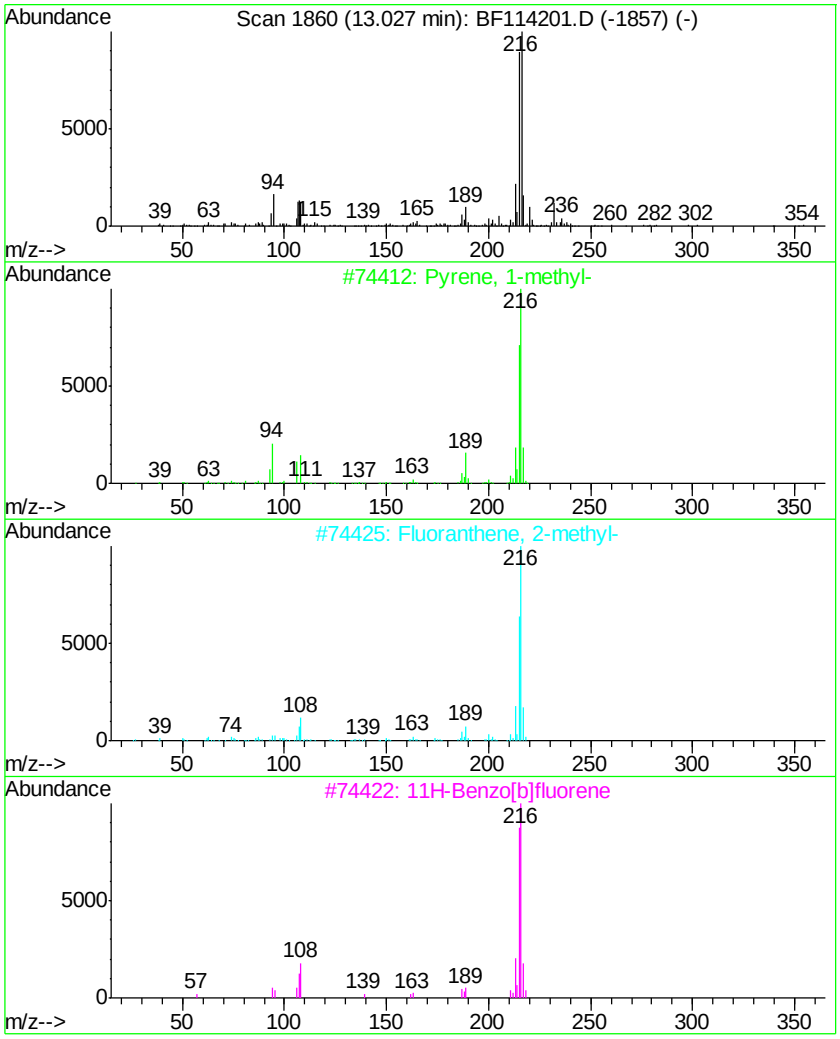
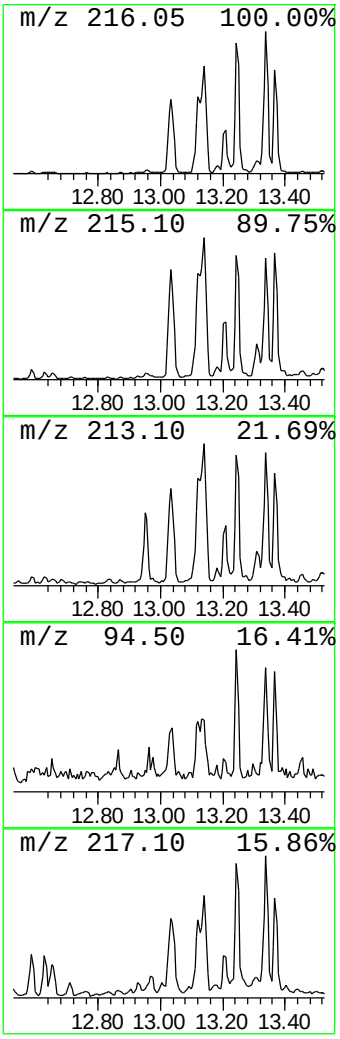
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.09 ng	739662	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : K2768-18
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Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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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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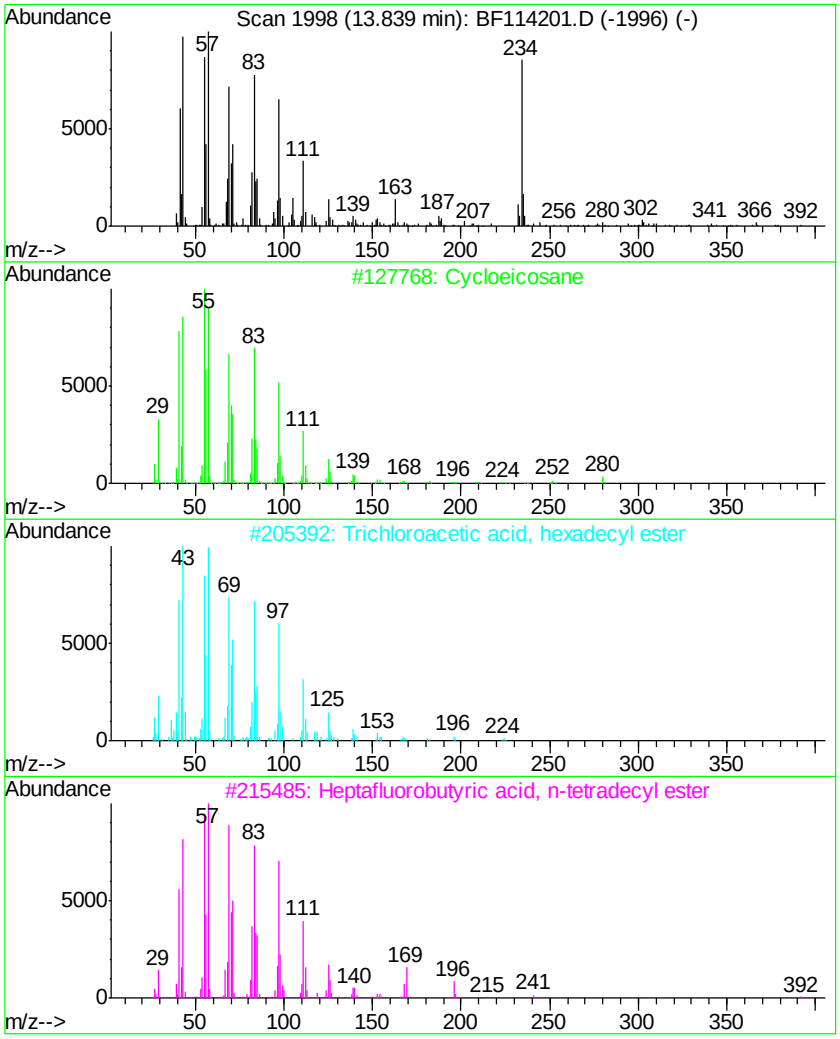
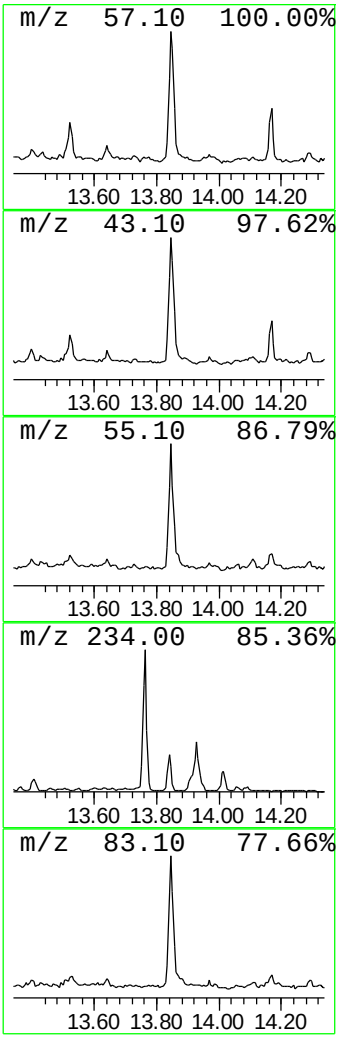
Peak Number 16 Cycloeicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.34 ng	966880	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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TIC Integration Parameters: LSCINT.P

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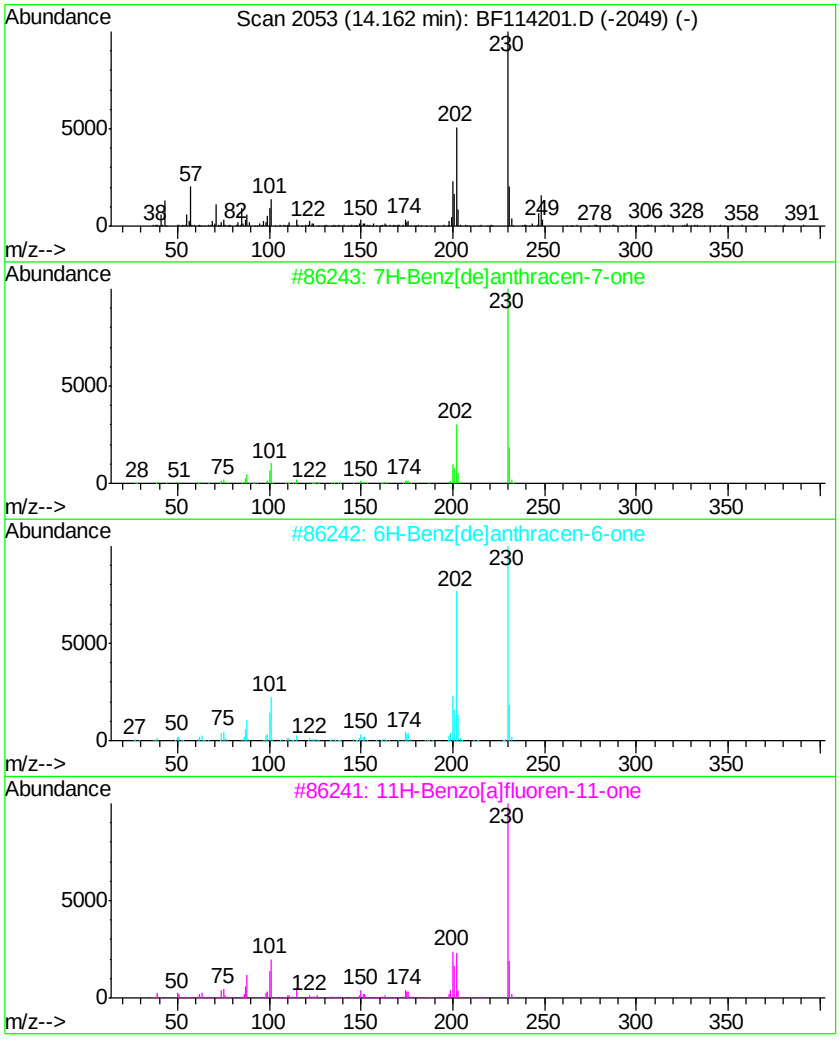
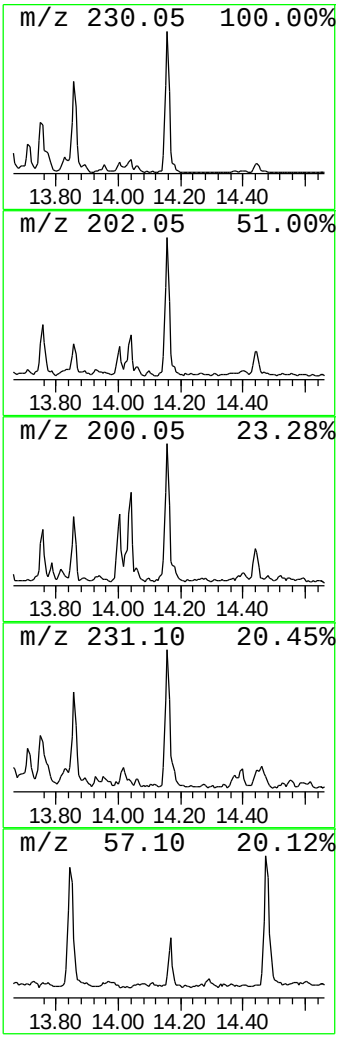
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.44 ng	803463	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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
4	Pyrene	202	C16H10	000129-00-0	86
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	68





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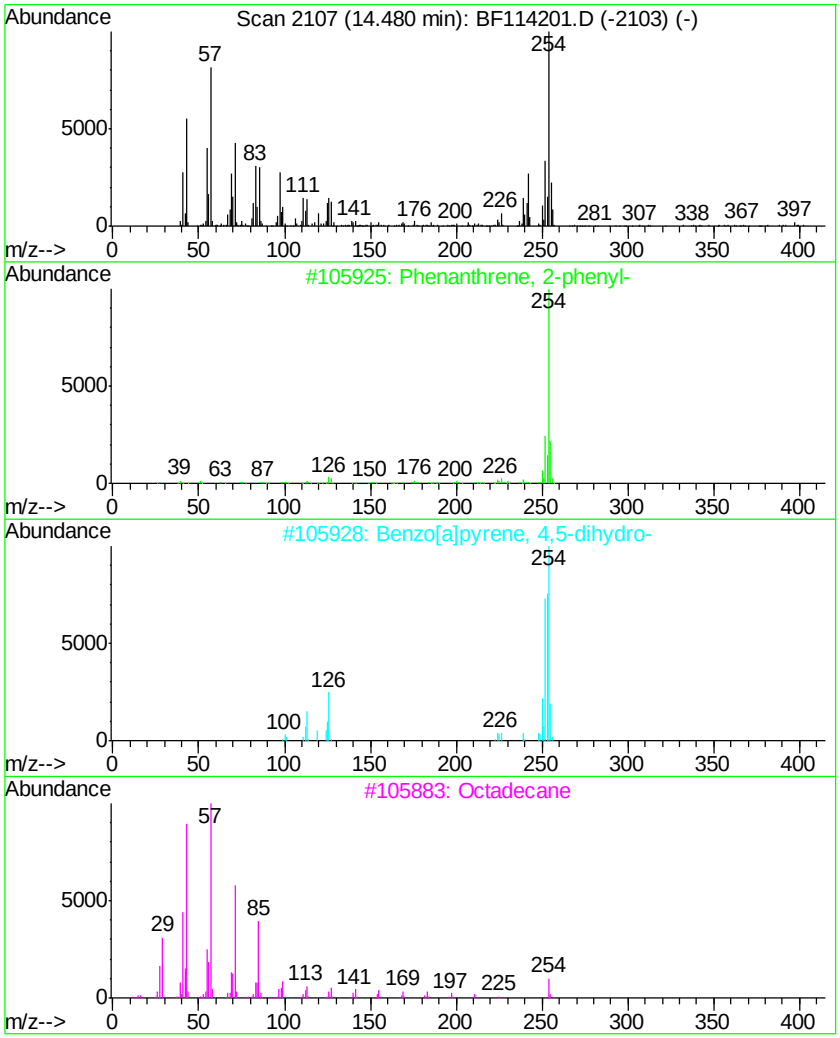
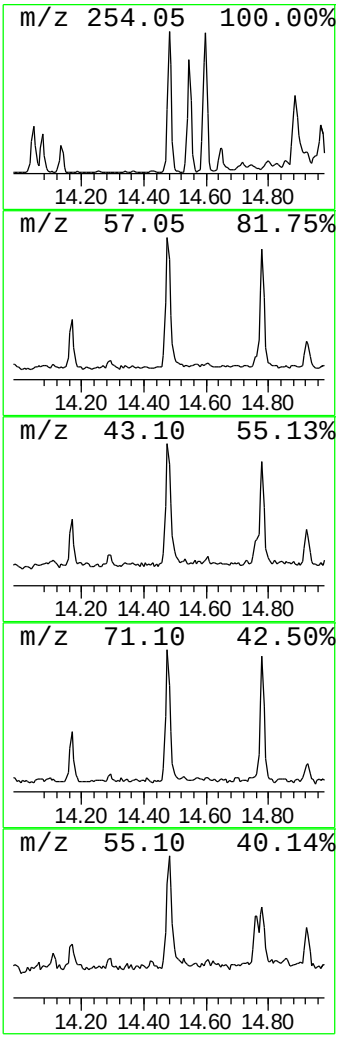
Peak Number 18 Phenanthrene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.84 ng	1056080	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	60
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	49
3	Octadecane	254	C18H38	000593-45-3	45
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	42
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

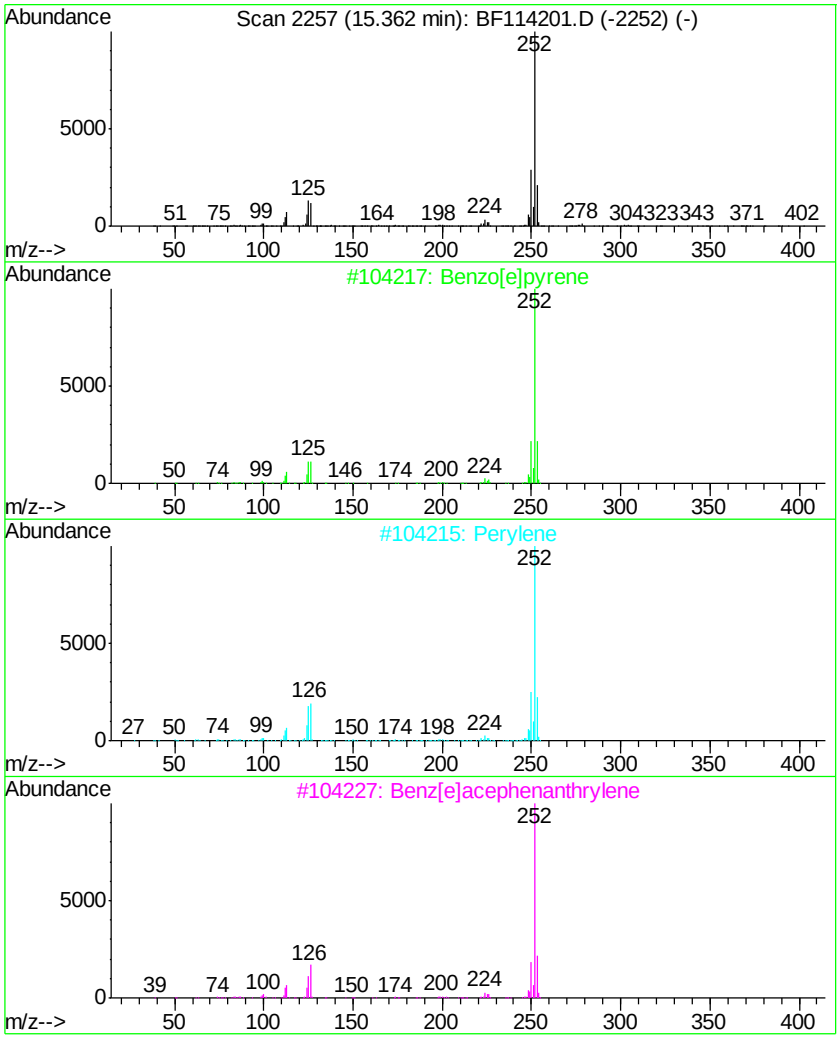
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

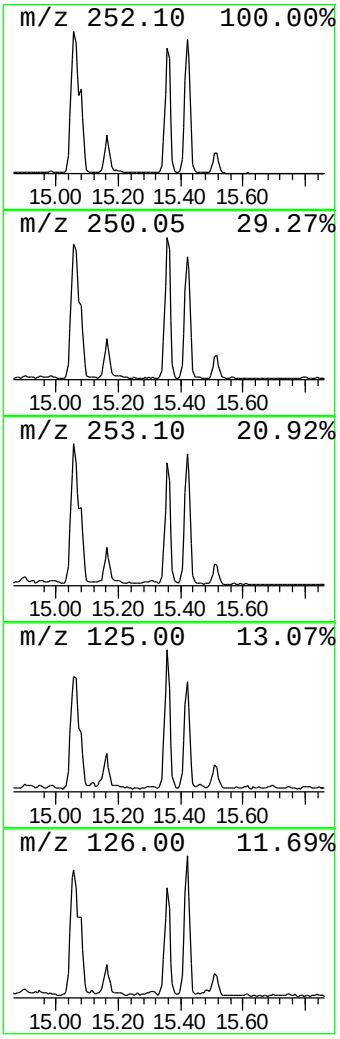
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	12.67 ng	1408190	Perylene-d12	15.49

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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

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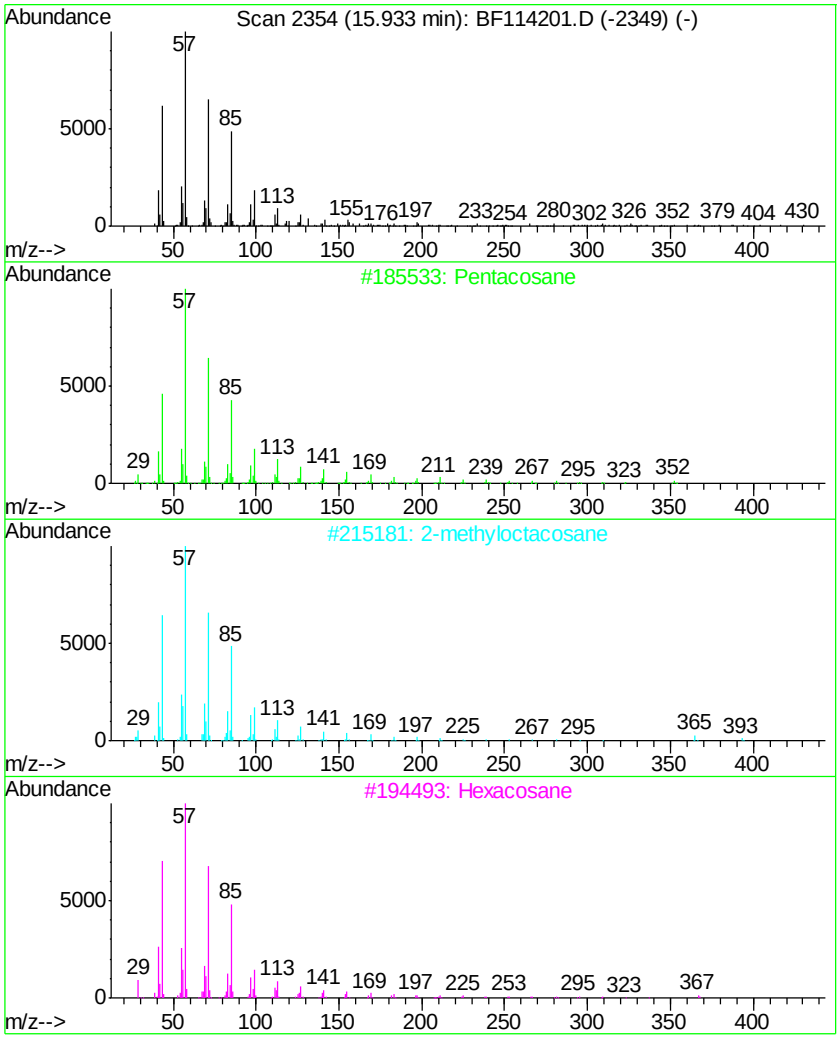
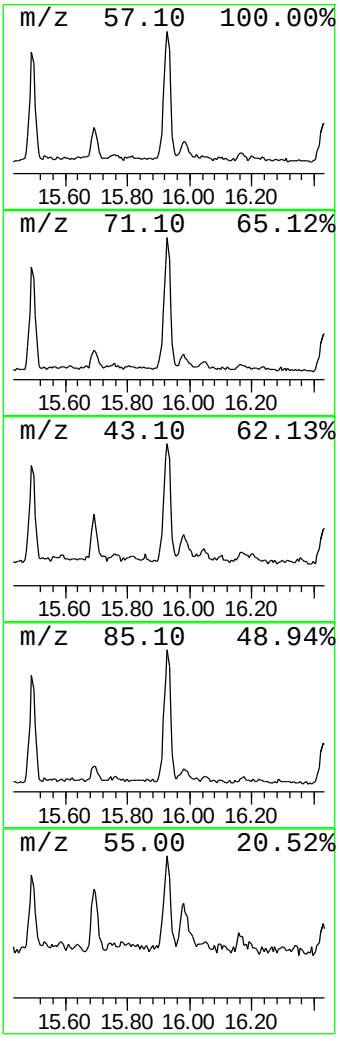
Peak Number 20 Pentacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.17 ng	462951	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

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
Butane, 2-methoxy...	2.13	20.8	ng	1630930	1	6.85	1571840	20.0
unknown6.63	6.63	75.0	ng	5897400	1	6.85	1571840	20.0
2,4,7,9-Tetrameth...	9.32	4.5	ng	456908	3	9.89	2021180	20.0
Phenanthrene, 2-m...	11.87	6.5	ng	732615	4	11.37	2263060	20.0
Phenanthrene, 1-m...	11.90	14.4	ng	1624210	4	11.37	2263060	20.0
Anthracene, 2-met...	11.98	9.6	ng	1081480	4	11.37	2263060	20.0
Propyne, 1,3-diph...	12.01	4.3	ng	489291	4	11.37	2263060	20.0
Naphthalene, 2-ph...	12.17	5.4	ng	615895	4	11.37	2263060	20.0
9,10-Anthracenedione	12.19	4.7	ng	529400	4	11.37	2263060	20.0
9-Eicosene, (E)-	12.41	16.3	ng	1842700	4	11.37	2263060	20.0
Phenanthrene, 3,6...	12.46	4.7	ng	527506	4	11.37	2263060	20.0
Cyclopenta(def)ph...	12.51	5.0	ng	562158	4	11.37	2263060	20.0
Pyrene, 1-methyl-	13.03	4.1	ng	739662	5	14.02	3618100	20.0
Cycloeicosane	13.84	5.3	ng	966880	5	14.02	3618100	20.0
7H-Benz[de]anthra...	14.16	4.4	ng	803463	5	14.02	3618100	20.0
Phenanthrene, 2-p...	14.48	5.8	ng	1056080	5	14.02	3618100	20.0
Benzo[e]pyrene	15.36	12.7	ng	1408190	6	15.49	2222250	20.0
Pentacosane	15.93	4.2	ng	462951	6	15.49	2222250	20.0