LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

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-BF073019.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	571	576	602	rBV	2475270	2570749	66.54%	4.171%
2	6.487	743	748	767	rBV	2645355	2802609	72.54%	4.547%
3	6.622	767	771	774	rBV	3017626	2716597	70.32%	4.408%
4	6.851	806	810	817	rBV	912530	768738	19.90%	1.247%
5	7.010	833	837	840	rBV	2319113	2159323	55.89%	3.503%
6	7.410	901	905	919	rBV	1871144	1756015	45.45%	2.849%
7	8.133	1024	1028	1051	rBV	1023595	1011095	26.17%	1.640%
8	9.210	1207	1211	1223	rBV	3375184	3006604	77.82%	4.878%
9	9.604	1275	1278	1287	rVB	260998	242562	6.28%	0.394%
10	9.892	1323	1327	1330	rBV	1347094	1146099	29.67%	1.859%
11	9.922	1330	1332	1342	rVB	196621	177369	4.59%	0.288%
12	10.439	1414	1420	1426	rBV	111441	118685	3.07%	0.193%
13	10.680	1457	1461	1472	rBV	2003042	2036346	52.71%	3.304%
14	10.804	1478	1482	1488	rVB5	39698	70588	1.83%	0.115%
15	10.986	1507	1513	1516	rBV3	53694	73725	1.91%	0.120%
16	11.116	1530	1535	1537	rBV3	52240	76859	1.99%	0.125%
17	11.139	1537	1539	1544	rVV	55062	63563	1.65%	0.103%
18	11.239	1550	1556	1560	rVV5	70336	123101	3.19%	0.200%
19	11.274	1560	1562	1567	rVB	98420	98289	2.54%	0.159%
20	11.380	1576	1580	1582	rBV	1421751	1333324	34.51%	2.163%
21	11.404	1582	1584	1587	rVV	1772151	1351767	34.99%	2.193%
22	11.457	1587	1593	1596	rVB	504924	502237	13.00%	0.815%
23	11.610	1616	1619	1627	rBV3	90444	132527	3.43%	0.215%
24	11.669	1627	1629	1632	rVV2	68995	66531	1.72%	0.108%
25	11.880	1661	1665	1667	rBV	296678	246505	6.38%	0.400%
26	11.910	1667	1670	1675	rVV	480451	461700	11.95%	0.749%
27	11.957	1675	1678	1681	rVV	186026	172207	4.46%	0.279%
28	11.992	1681	1684	1687	rVV	561850	618245	16.00%	1.003%
29	12.016	1687	1688	1693	rVB	227717	140023	3.62%	0.227%
30	12.074	1693	1698	1702	rBV5	58436	100837	2.61%	0.164%
31	12.174	1712	1715	1718	rBV	258793	221480	5.73%	0.359%
32	12.204	1718	1720	1725	rVB	128857	124063	3.21%	0.201%
33	12.327	1735	1741	1744	rBV	107628	141256	3.66%	0.229%
34	12.427	1755	1758	1761	rBV	223718	238615	6.18%	0.387%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.469	1761	1765	1767	rVV2	145451	174907	4.53%	0.284%
36	12.521	1770	1774	1778	rBV2	156216	189290	4.90%	0.307%
37	12.598	1782	1787	1790	rBV	3527926	3434185	88.89%	5.572%
38	12.657	1795	1797	1800	rVB	108878	91550	2.37%	0.149%
39	12.692	1800	1803	1805	rBV2	62061	67786	1.75%	0.110%
40	12.745	1805	1812	1815	rBV3	116004	165111	4.27%	0.268%
41	12.827	1819	1826	1831	rBV2	3118605	3863299	100.00%	6.268%
42	12.874	1831	1834	1839	rVB2	192569	245398	6.35%	0.398%
43	12.963	1839	1849	1852	rBV	3323058	3715269	96.17%	6.028%
44	13.045	1857	1863	1866	rBV2	215865	400922	10.38%	0.650%
45	13.127	1874	1877	1878	rBV3	183613	176820	4.58%	0.287%
46	13.151	1878	1881	1884	rVB	609078	568364	14.71%	0.922%
47	13.192	1884	1888	1889	rBV3	71789	89443	2.32%	0.145%
48	13.216	1889	1892	1895	rVV	444962	395961	10.25%	0.642%
49	13.257	1895	1899	1901	rVV2	354552	436184	11.29%	0.708%
50	13.274	1901	1902	1906	rVV	154258	166192	4.30%	0.270%
51	13.310	1906	1908	1911	rVB	99156	84155	2.18%	0.137%
52	13.345	1911	1914	1917	rBV	166083	161963	4.19%	0.263%
53	13.380	1917	1920	1923	rVV3	187891	207007	5.36%	0.336%
54	13.533	1942	1946	1948	rBV3	139817	177350	4.59%	0.288%
55	13.574	1951	1953	1956	rVB2	120179	99678	2.58%	0.162%
56	13.633	1960	1963	1965	rBV	75517	71923	1.86%	0.117%
57	13.663	1965	1968	1972	rVB	246326	247231	6.40%	0.401%
58	13.768	1982	1986	1989	rBV	331526	383406	9.92%	0.622%
59	13.798	1989	1991	1993	rVB	274214	198279	5.13%	0.322%
60	13.821	1993	1995	2000	rBV2	234954	363589	9.41%	0.590%
61	13.868	2000	2003	2012	rVB3	327632	431778	11.18%	0.701%
62	14.015	2021	2028	2032	rBV2	2205432	3602818	93.26%	5.845%
63	14.051	2032	2034	2037	rVV	1833472	1483762	38.41%	2.407%
64	14.110	2041	2044	2045	rVV2	68304	69515	1.80%	0.113%
65	14.127	2045	2047	2052	rVV	473922	405909	10.51%	0.659%
66	14.174	2052	2055	2058	rVV3	155641	190916	4.94%	0.310%
67	14.215	2059	2062	2064	rVV2	108545	118402	3.06%	0.192%
68	14.245	2064	2067	2071	rVV2	161817	237554	6.15%	0.385%
69	14.280	2071	2073	2076	rVV2	65701	70905	1.84%	0.115%
70	14.339	2080	2083	2086	rVV2	61720	65890	1.71%	0.107%
71	14.368	2086	2088	2090	rVV2	125246	117794	3.05%	0.191%

LSC Area Percent Report

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Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.410	2090	2095	2097	rVV	346083	391543	10.13%	0.635%
73	14.439	2097	2100	2103	rVV2	179570	201403	5.21%	0.327%
74	14.480	2104	2107	2110	rVV3	205518	273606	7.08%	0.444%
75	14.504	2110	2111	2113	rVV	159958	122206	3.16%	0.198%
76	14.533	2113	2116	2118	rVV2	234013	268812	6.96%	0.436%
77	14.551	2118	2119	2123	rVV	226845	200580	5.19%	0.325%
78	14.604	2123	2128	2131	rVB2	96241	157909	4.09%	0.256%
79	14.721	2145	2148	2151	rBV3	126658	155305	4.02%	0.252%
80	14.786	2157	2159	2165	rVB3	135893	162009	4.19%	0.263%
81	14.904	2176	2179	2182	rBV2	115020	130157	3.37%	0.211%
82	14.968	2186	2190	2192	rBV3	69220	102632	2.66%	0.167%
83	15.068	2202	2207	2210	rBV	1245660	1992204	51.57%	3.232%
84	15.121	2214	2216	2222	rVV3	240150	334144	8.65%	0.542%
85	15.174	2222	2225	2228	rVB	233248	235826	6.10%	0.383%
86	15.262	2236	2240	2241	rBV2	91981	115555	2.99%	0.187%
87	15.368	2254	2258	2264	rVB	711444	942226	24.39%	1.529%
88	15.433	2264	2269	2274	rBV	1073027	1351505	34.98%	2.193%
89	15.498	2274	2280	2283	rVV	863604	1323537	34.26%	2.147%
90	15.521	2283	2284	2292	rVB2	323692	381980	9.89%	0.620%
91	15.939	2350	2355	2359	rBV	154391	228944	5.93%	0.371%
92	16.057	2371	2375	2380	rVB2	71449	107428	2.78%	0.174%
93	16.439	2436	2440	2445	rVB3	72743	122926	3.18%	0.199%
94	16.768	2492	2496	2499	rBV3	54564	84456	2.19%	0.137%
95	16.974	2524	2531	2537	rBV	489400	945224	24.47%	1.534%
96	17.033	2539	2541	2547	rVB2	64605	112529	2.91%	0.183%
97	17.145	2554	2560	2564	rBV	98661	177708	4.60%	0.288%
98	17.198	2565	2569	2575	rBV2	75658	138241	3.58%	0.224%
99	17.415	2599	2606	2623	rVB	359156	812962	21.04%	1.319%
100	17.656	2641	2647	2656	rBV2	93811	221187	5.73%	0.359%

Sum of corrected areas: 61635482

LSC Report - Integrated Chromatogram

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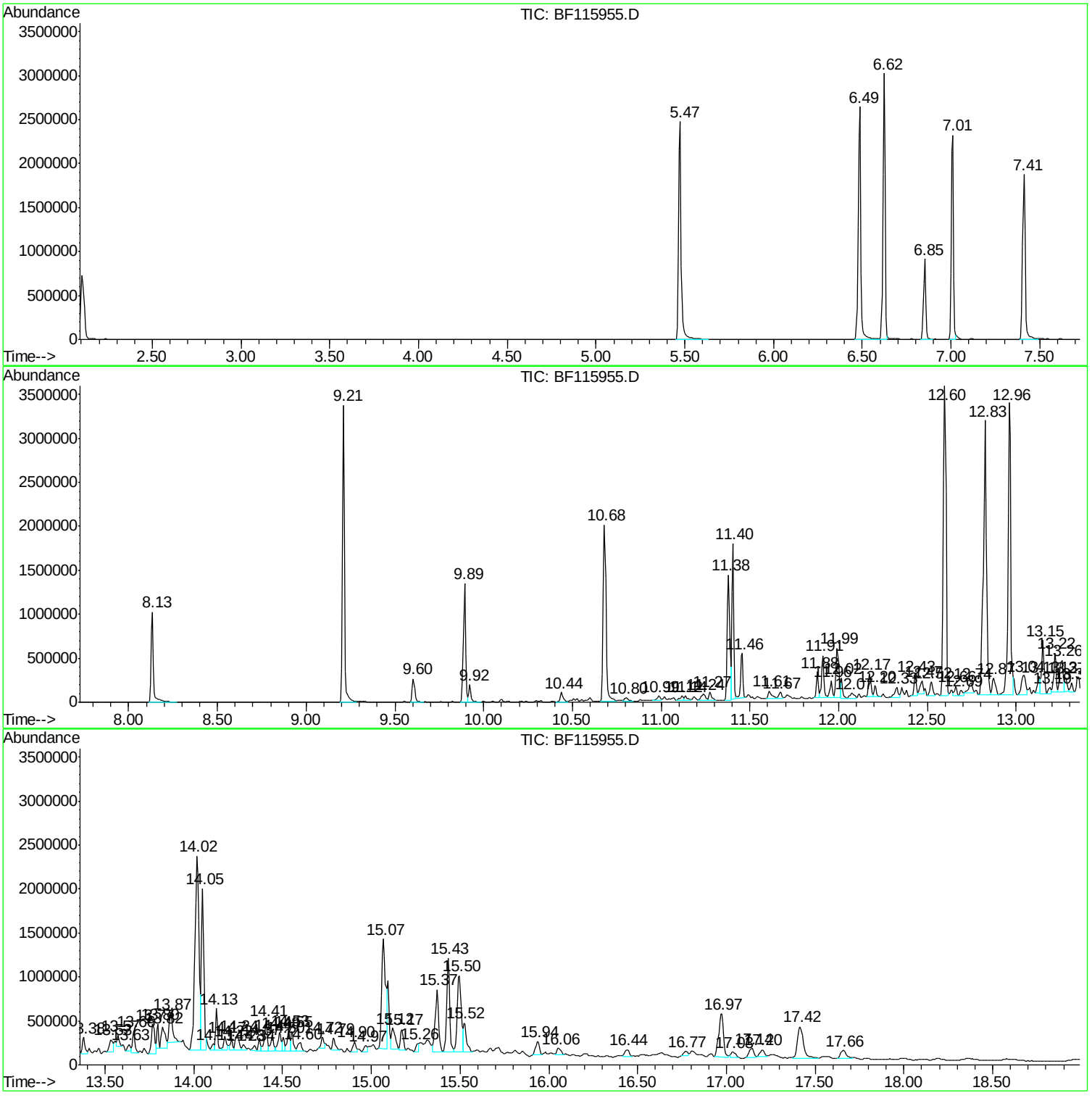
Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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

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ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

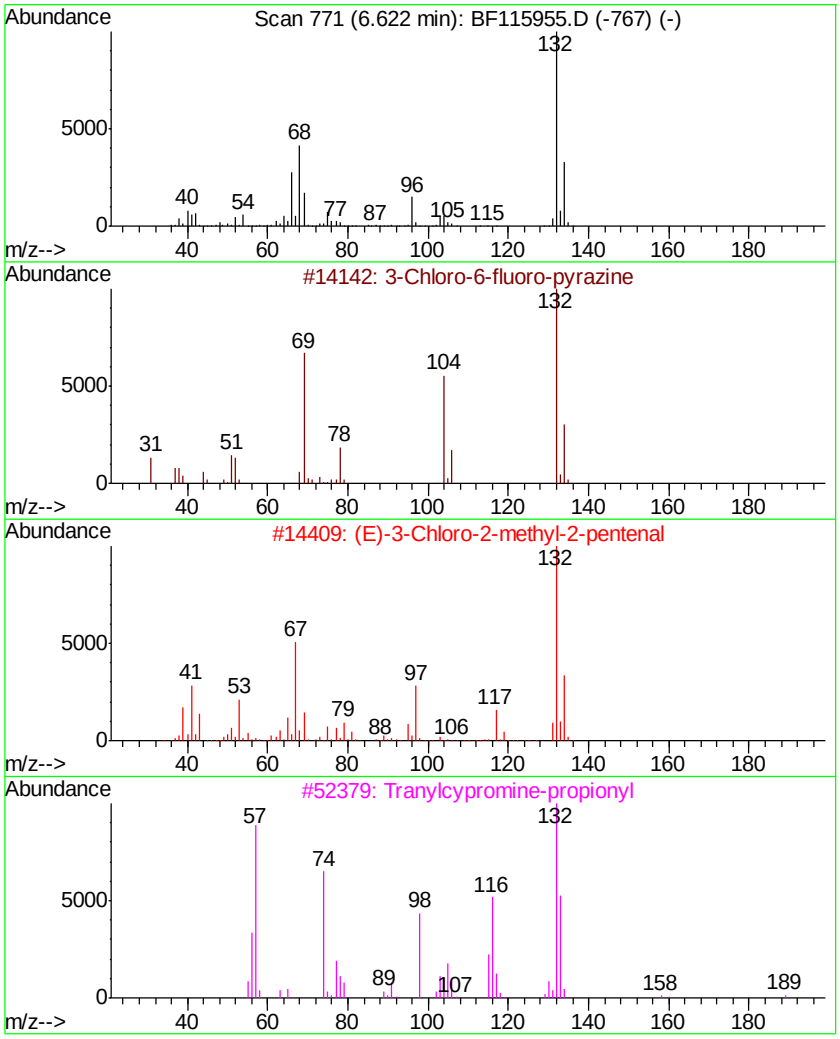
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

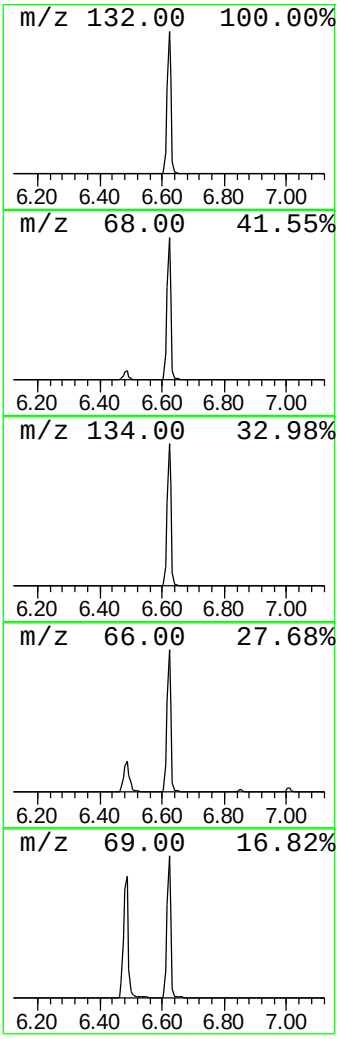
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.68 ng	2716600	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

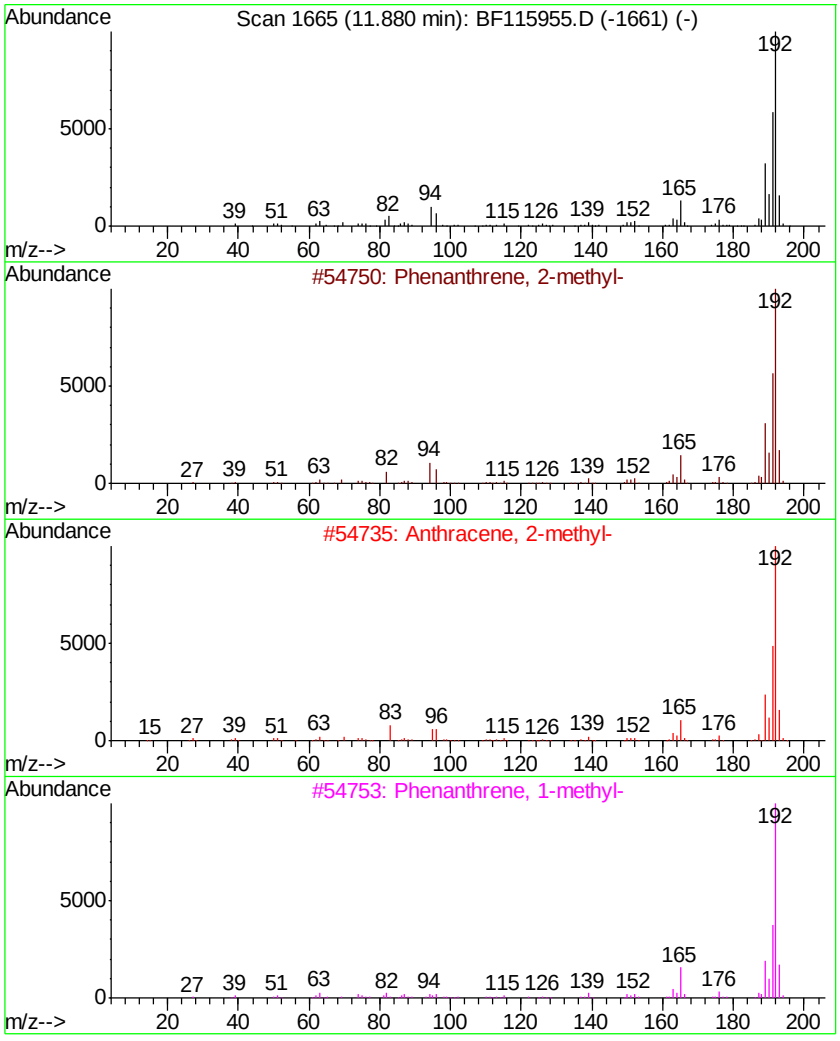
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

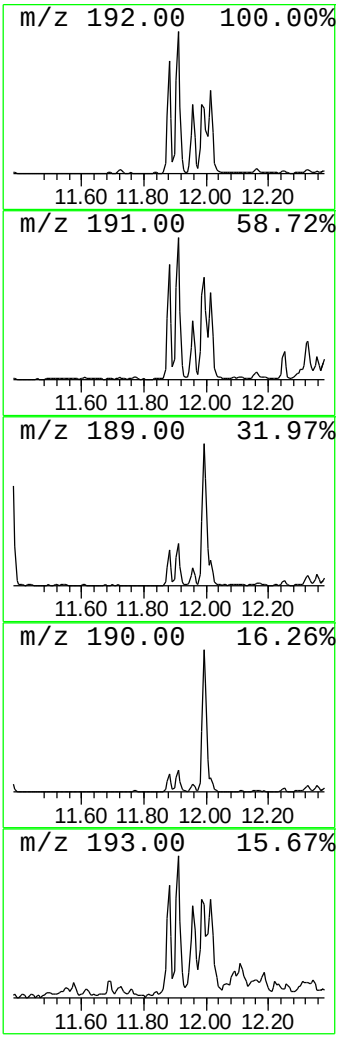
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.70 ng	246505	Phenanthrene-d10	11.38

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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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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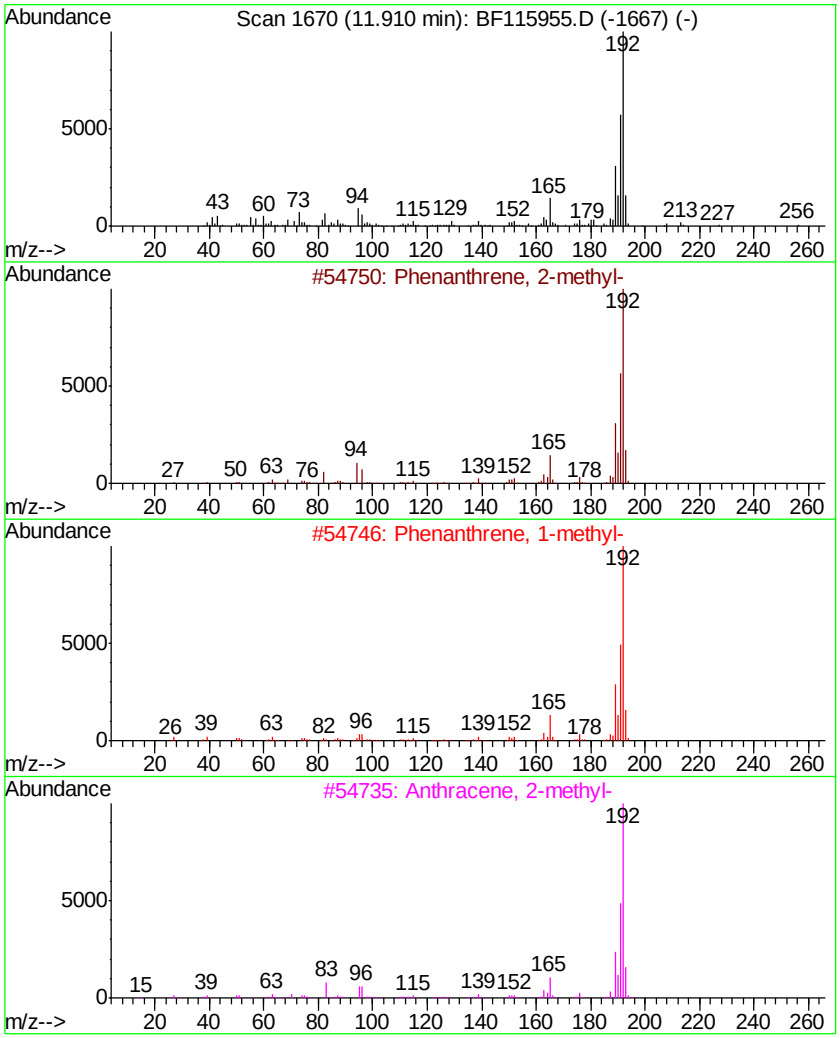
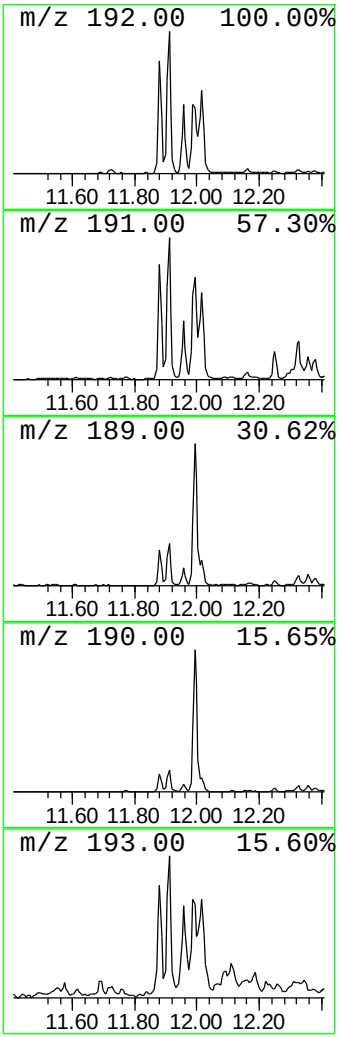
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.93 ng	461700	Phenanthrene-d10	11.38

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

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Data File : BF115955.D
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Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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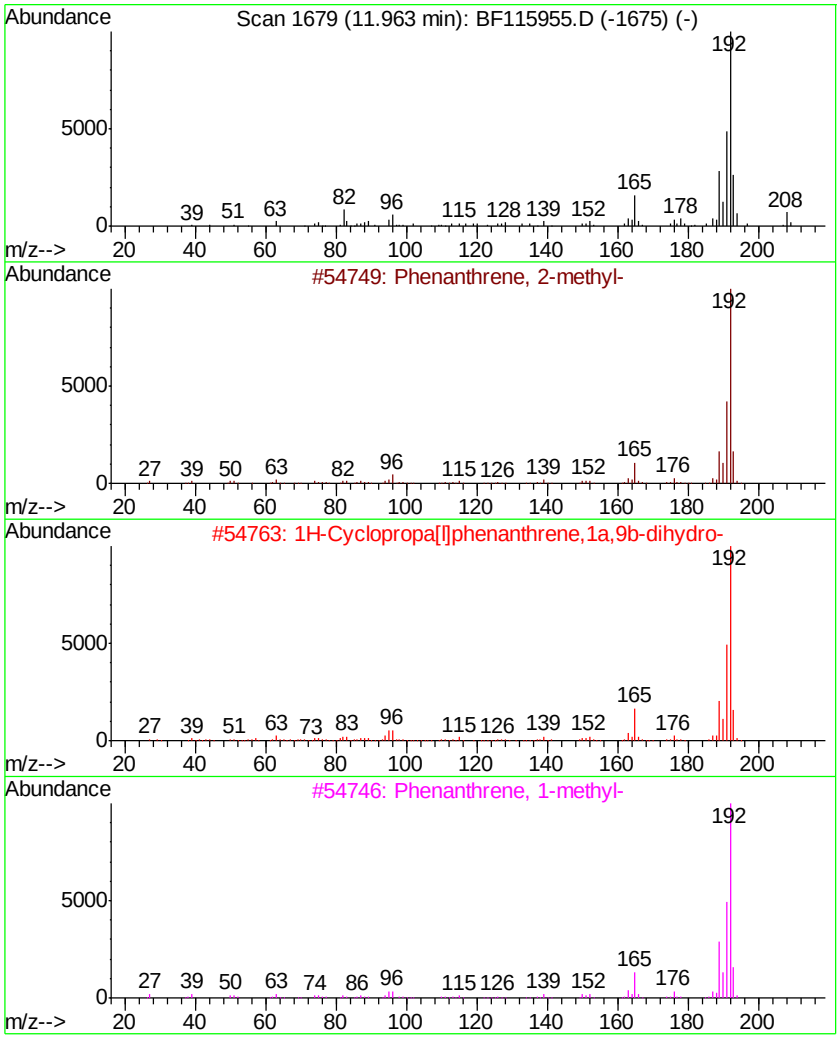
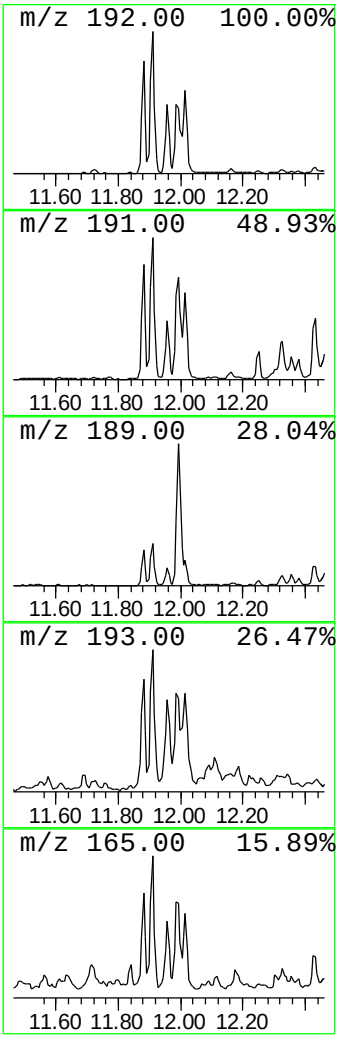
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.58 ng	172207	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

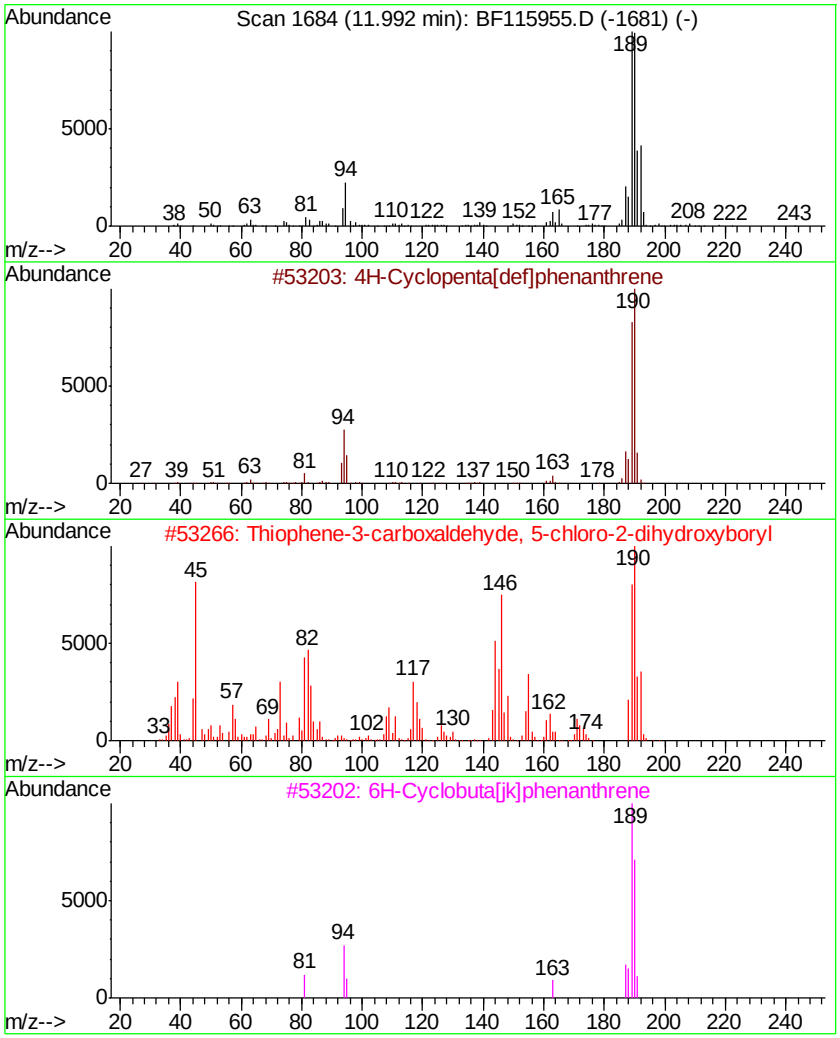
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

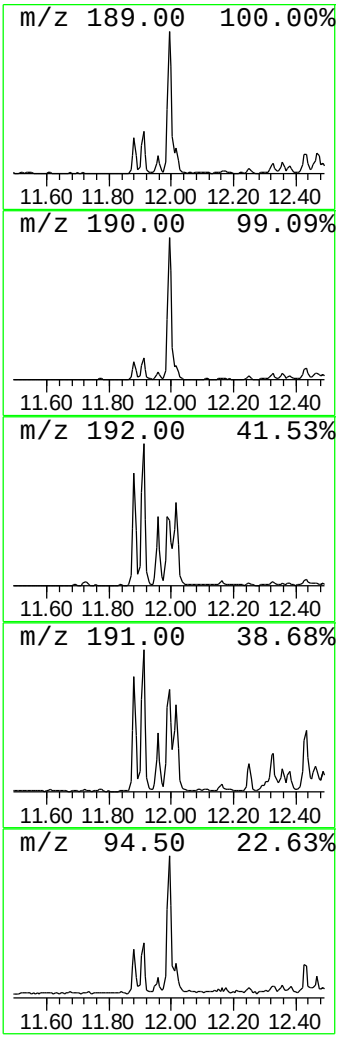
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.27 ng	618245	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
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Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

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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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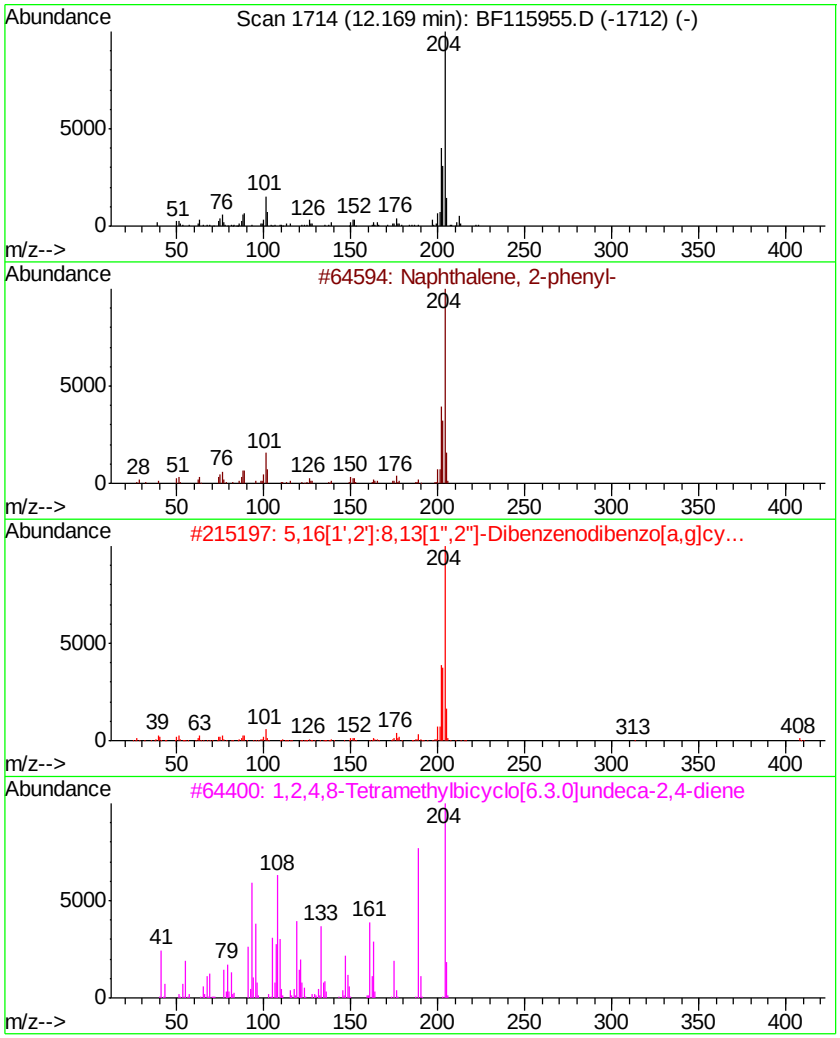
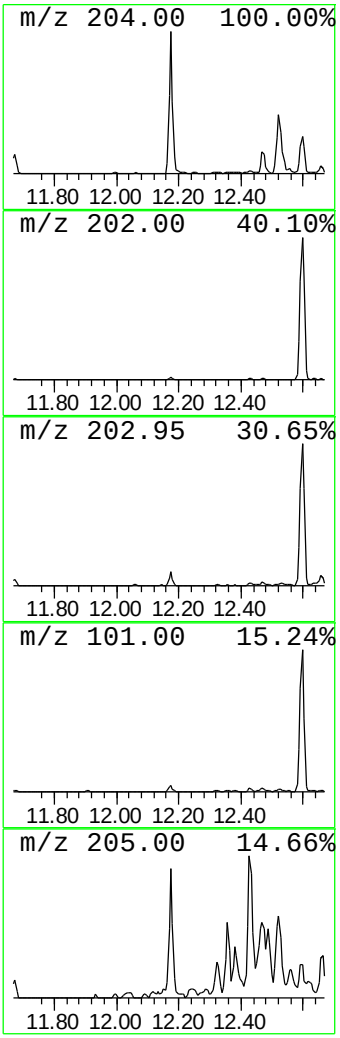
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.32 ng	221480	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Sample : K4130-20
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Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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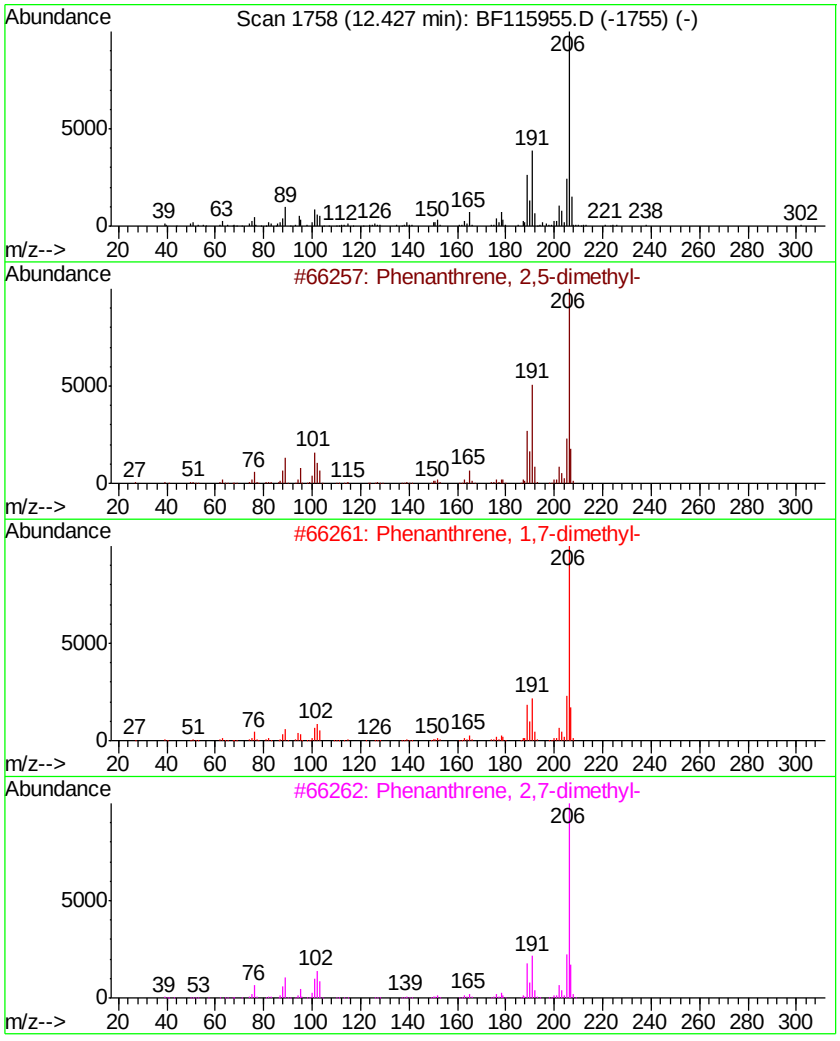
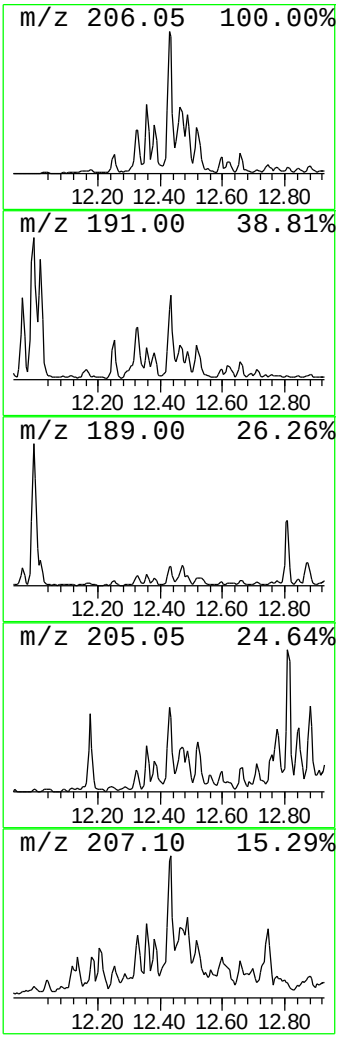
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.58 ng	238615	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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ClientSampleId : 1S-H-(0-30)-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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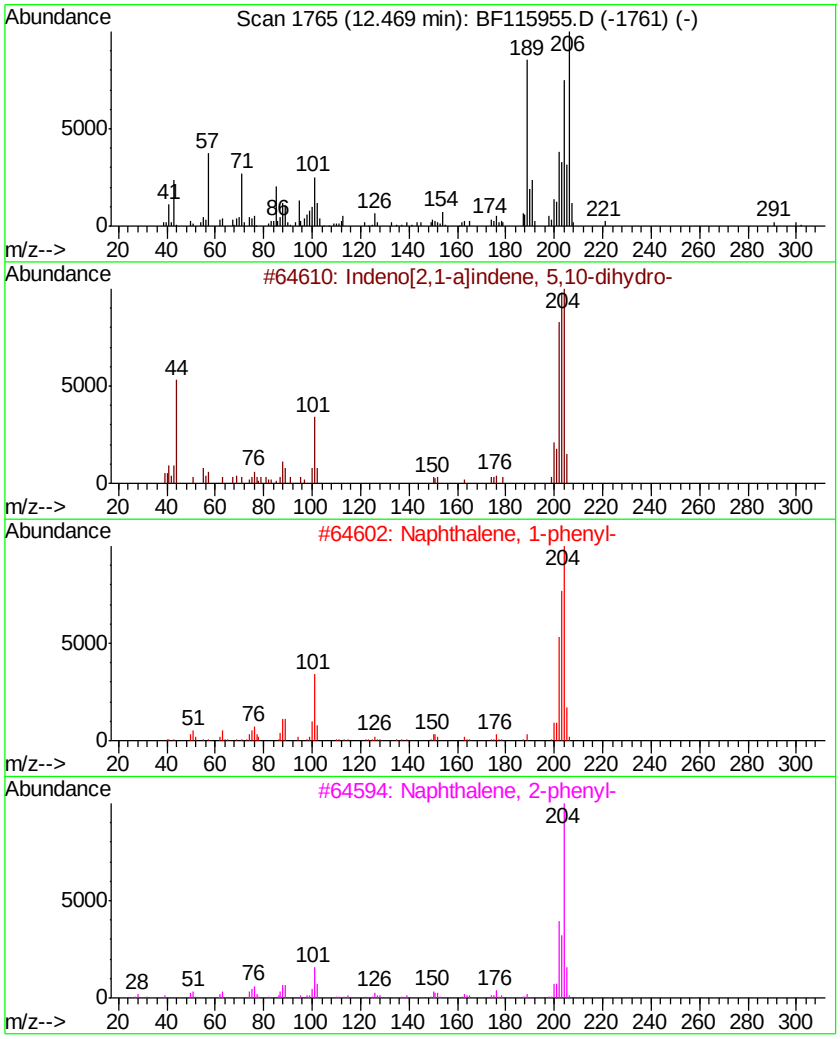
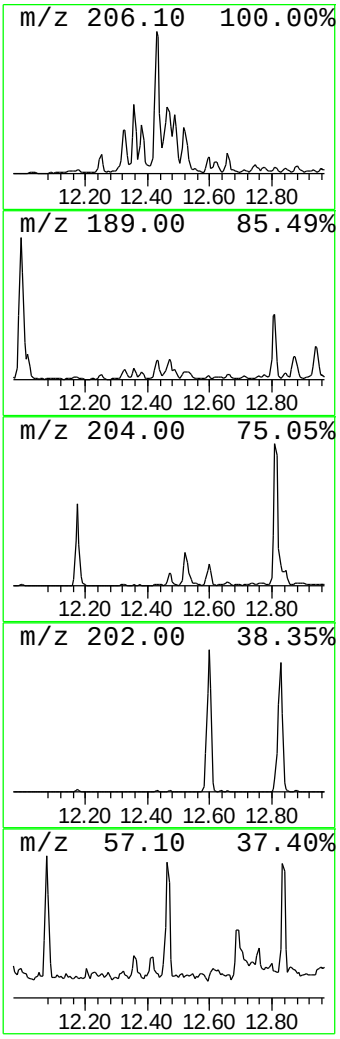
Peak Number 9 unknown12.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.62 ng	174907	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	35





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Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

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

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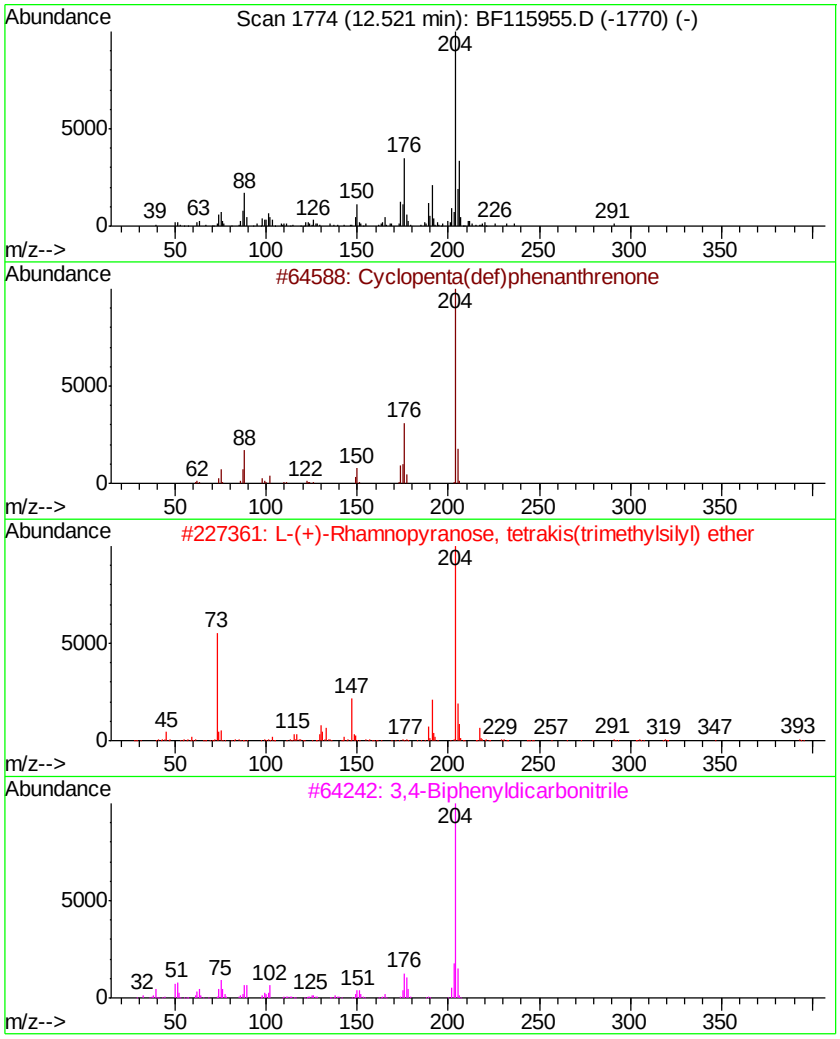
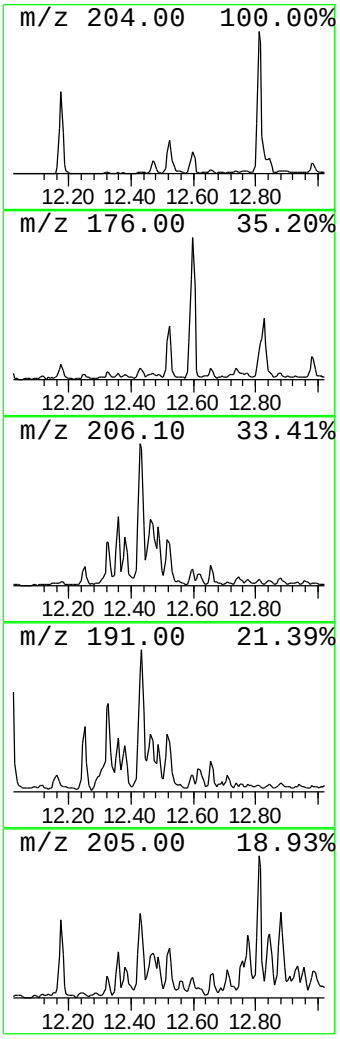
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.84 ng	189290	Phenanthrene-d10	11.38

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	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46





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Misc :
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ClientSampleId : 1S-H-(0-30)-COMP

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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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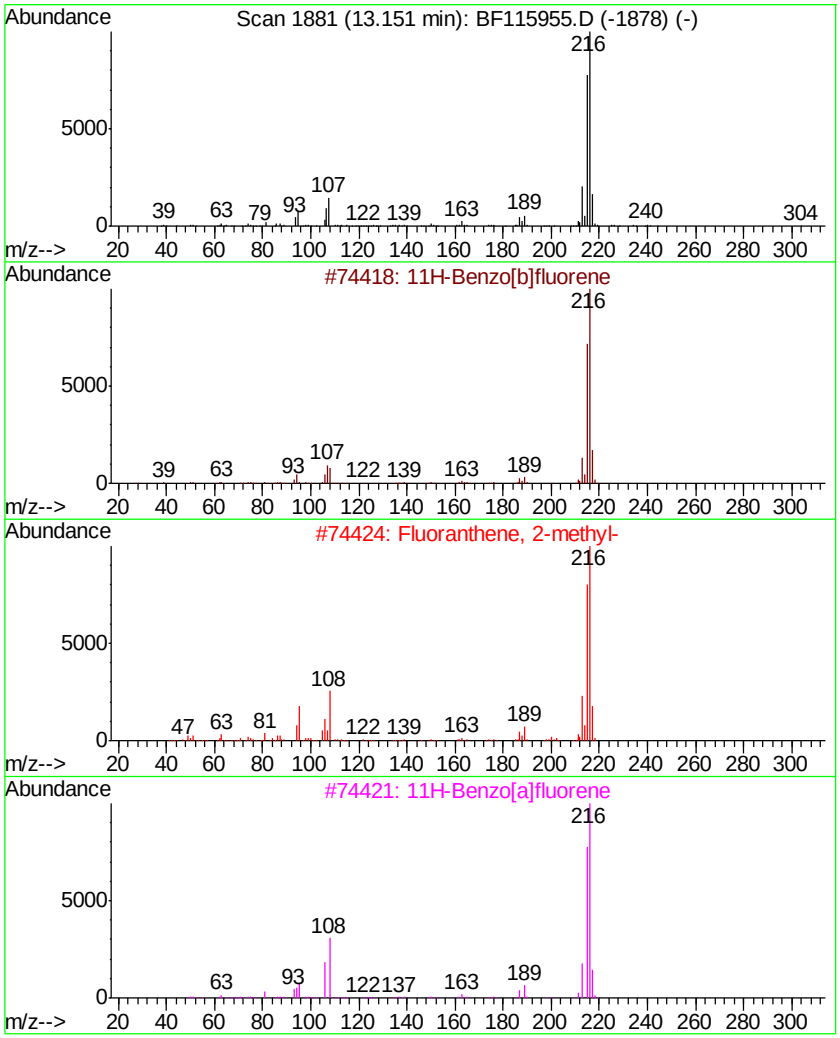
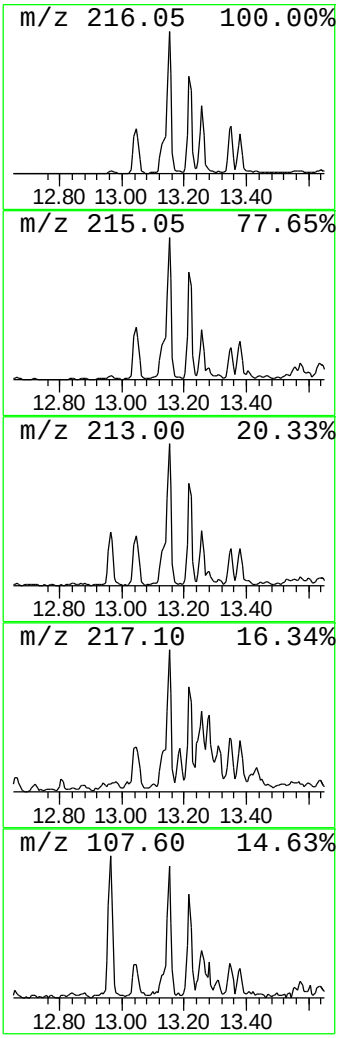
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.16 ng	568364	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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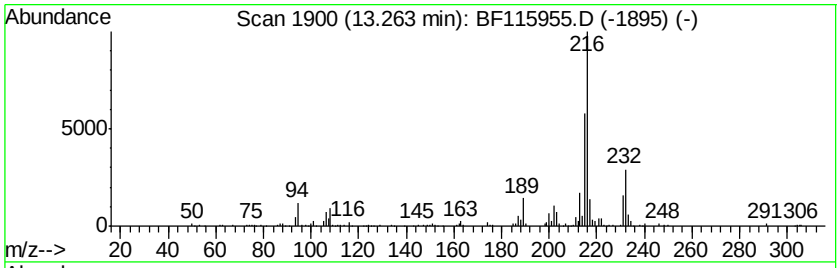
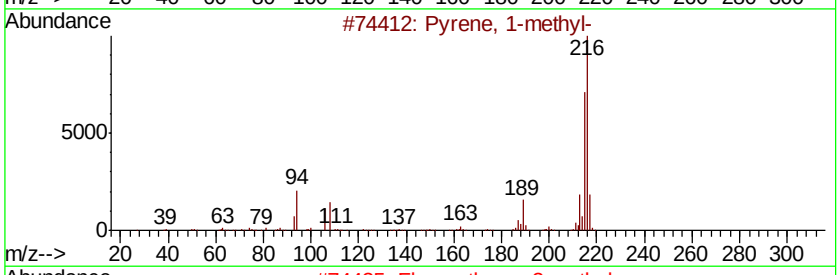
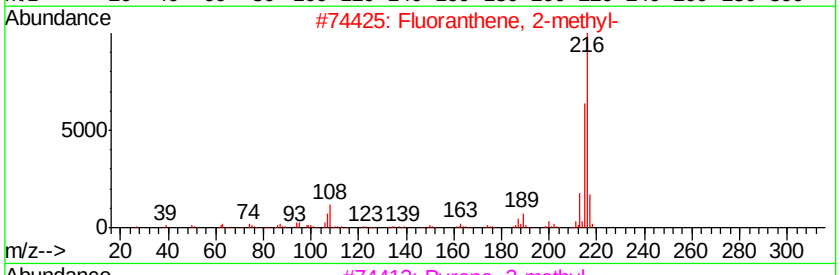
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

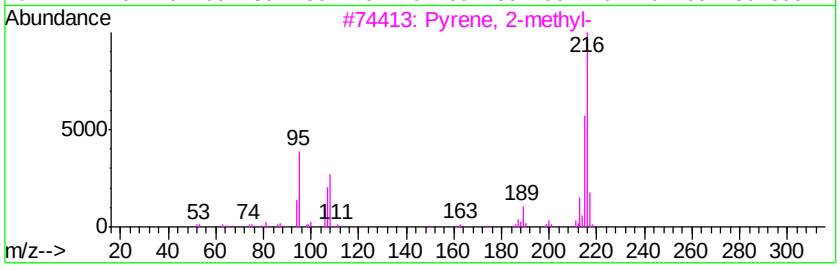
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.42 ng	436184	Chrysene-d12	14.03

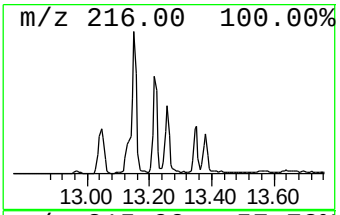
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64

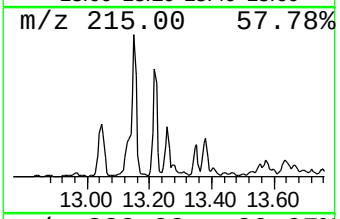


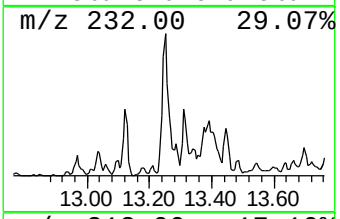


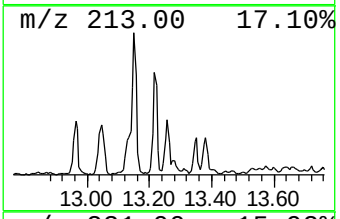


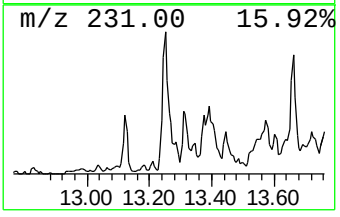












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Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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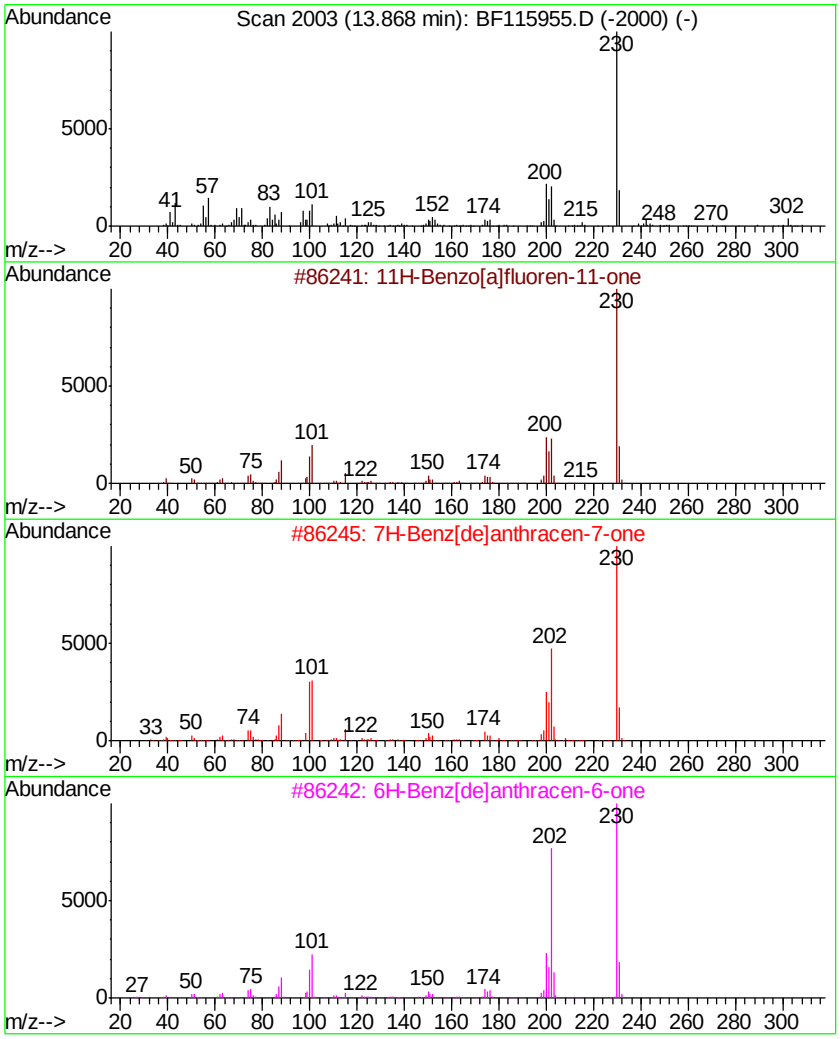
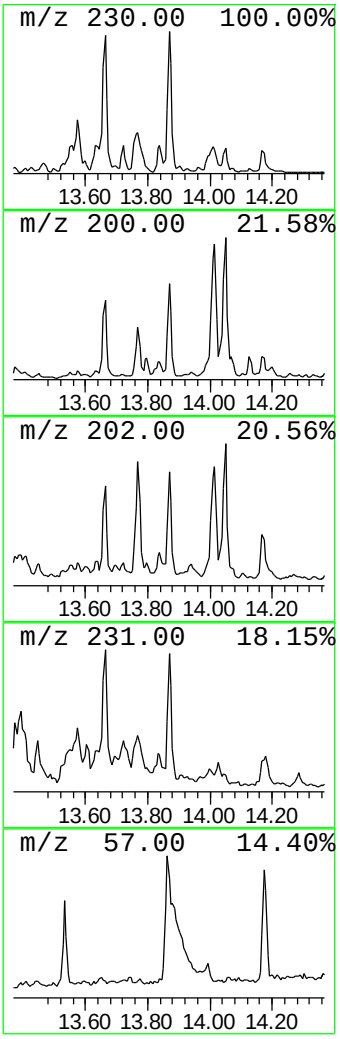
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.40 ng	431778	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
5	m-Terphenyl	230	C18H14	000092-06-8	50





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

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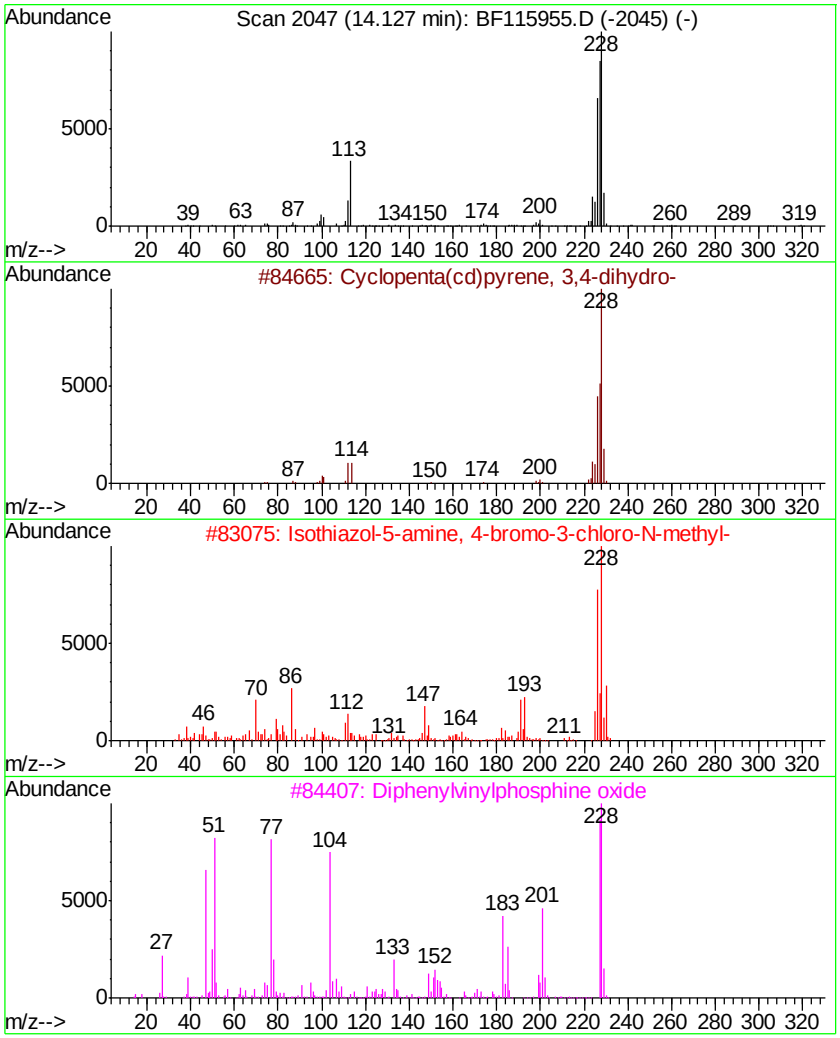
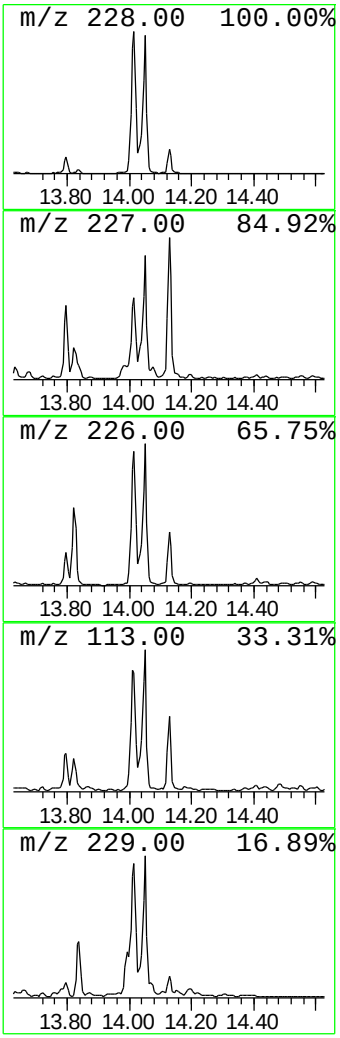
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.25 ng	405909	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45





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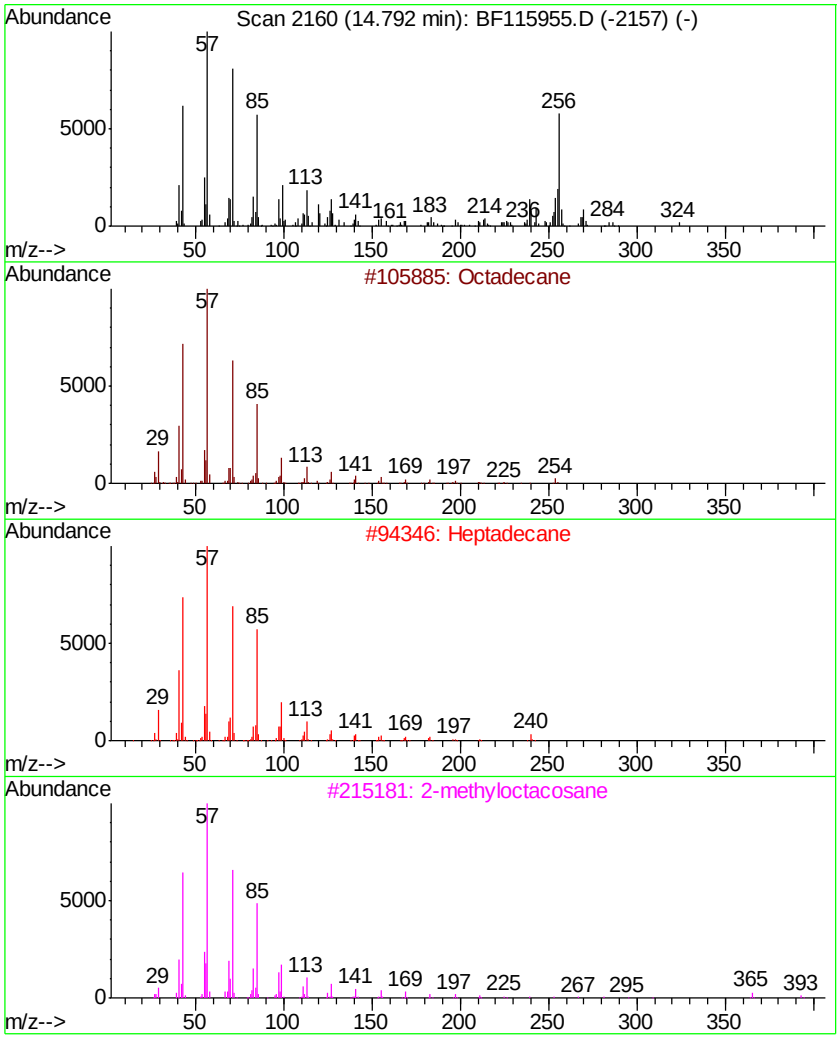
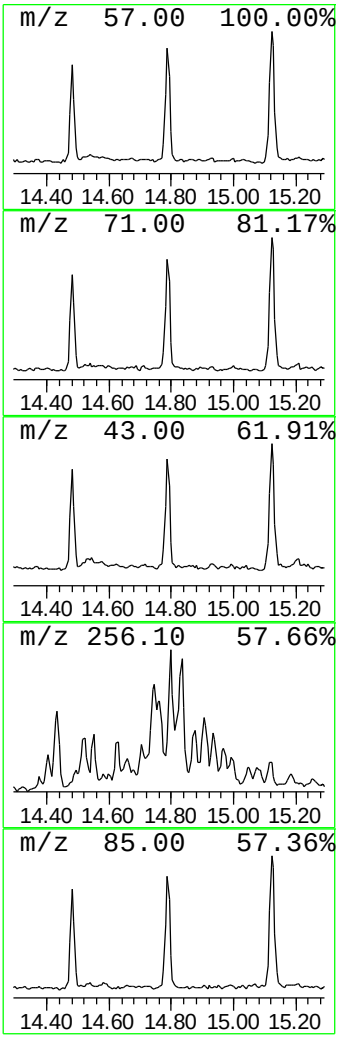
Peak Number 15 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.45 ng	162009	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexacosane	366	C26H54	000630-01-3	81





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TIC Library : C:\DATABASE\NIST11.L
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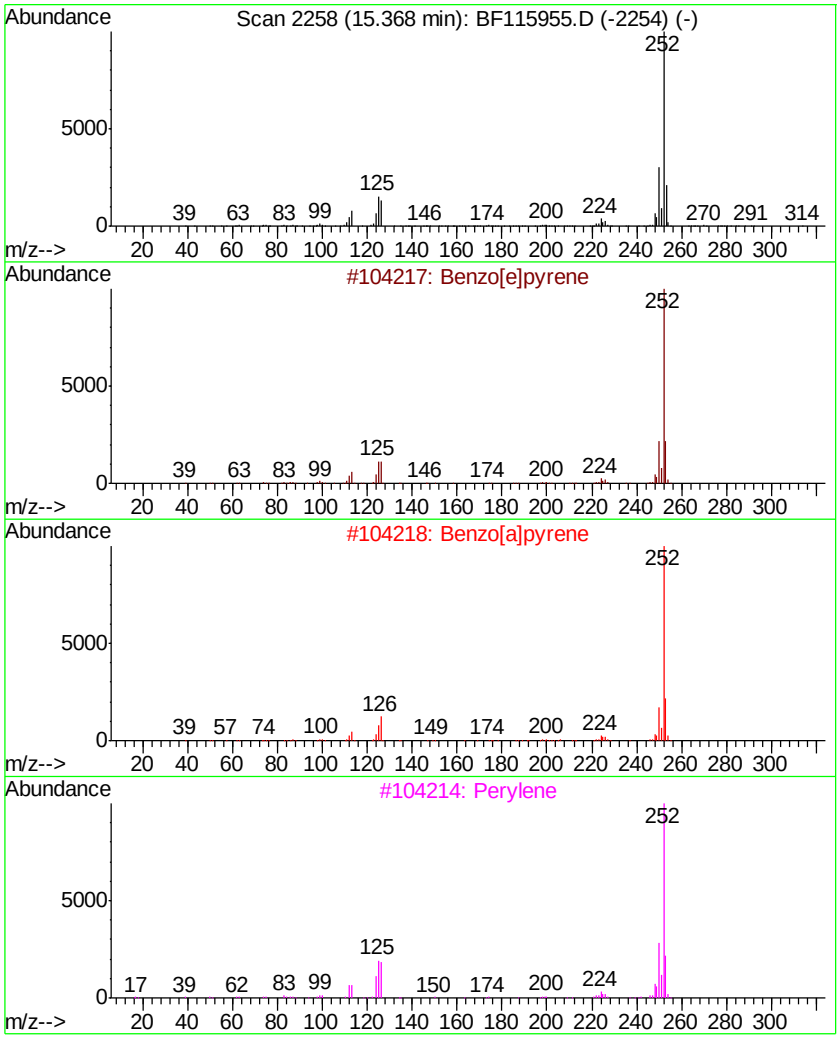
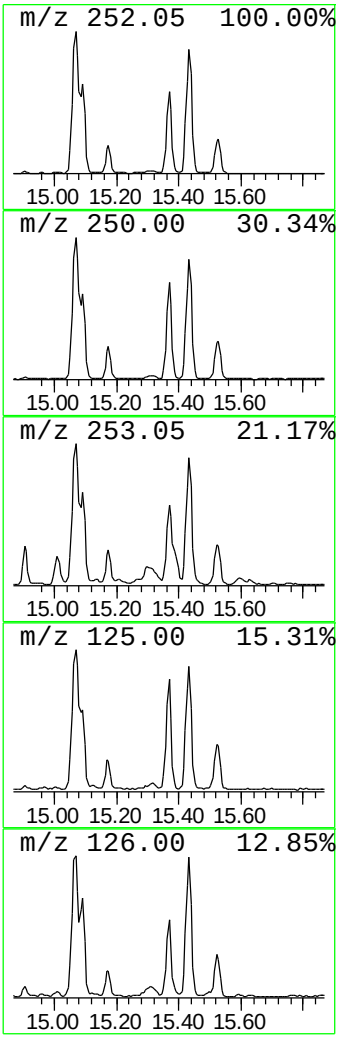
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	14.24 ng	942226	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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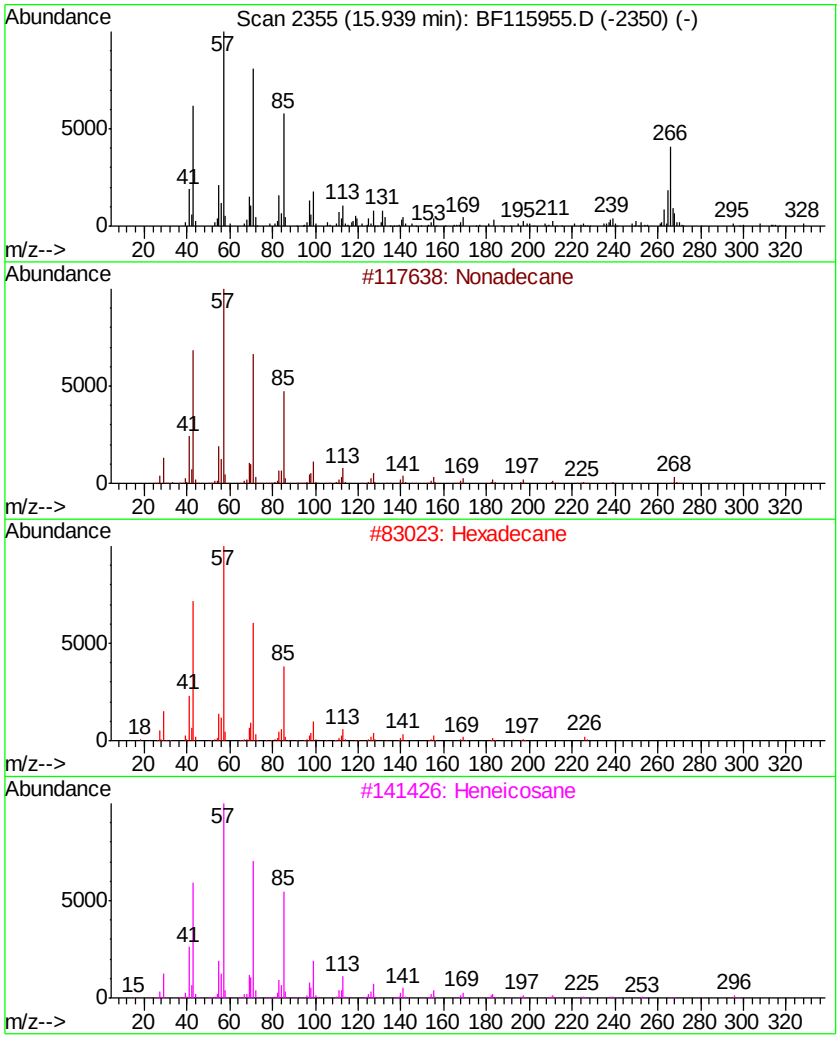
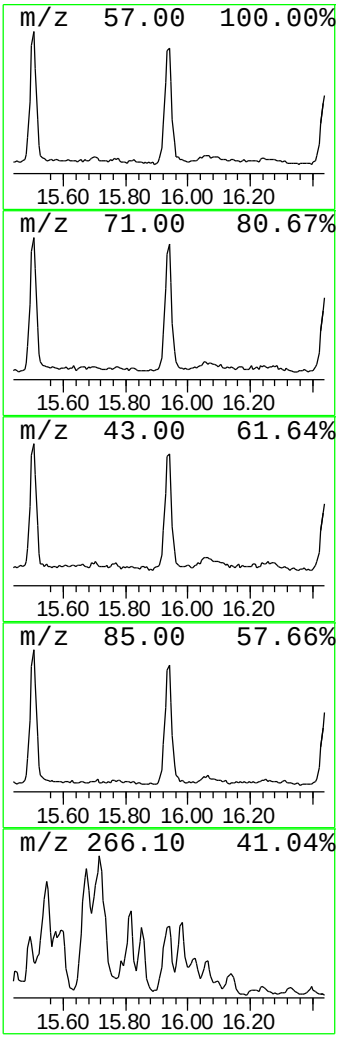
Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.46 ng	228944	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Hexadecane	226	C16H34	000544-76-3	78
3	Heneicosane	296	C21H44	000629-94-7	64
4	Eicosane	282	C20H42	000112-95-8	64
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





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Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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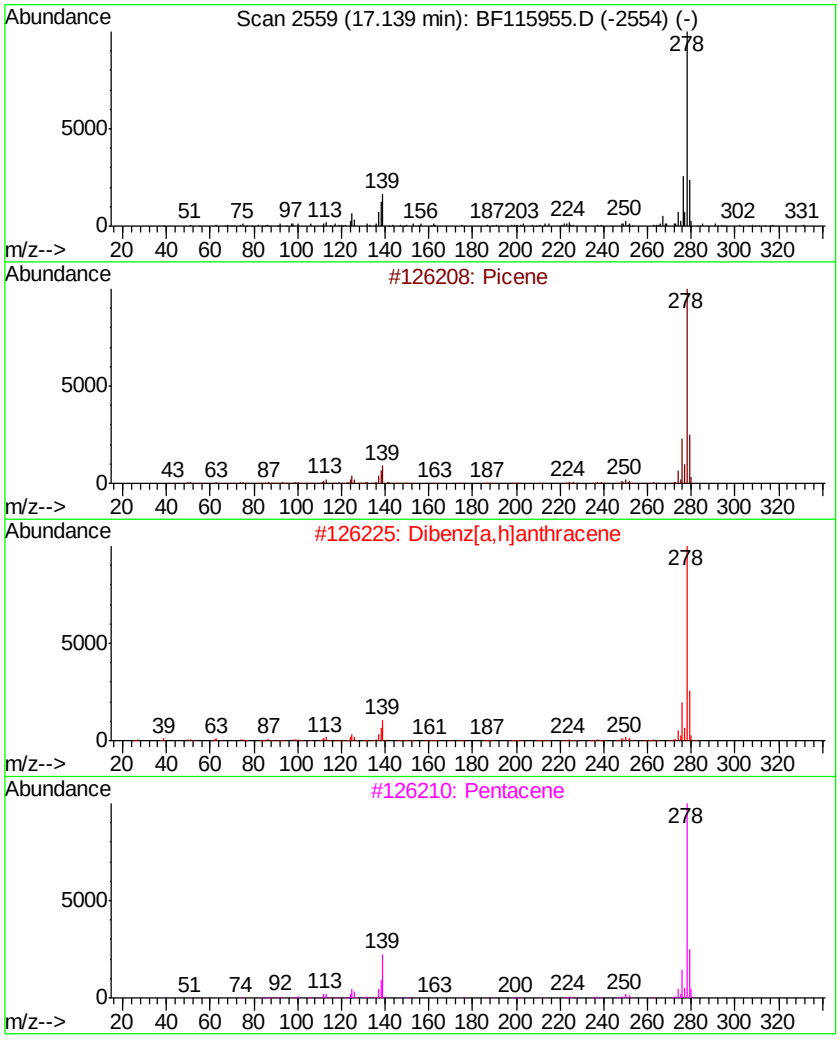
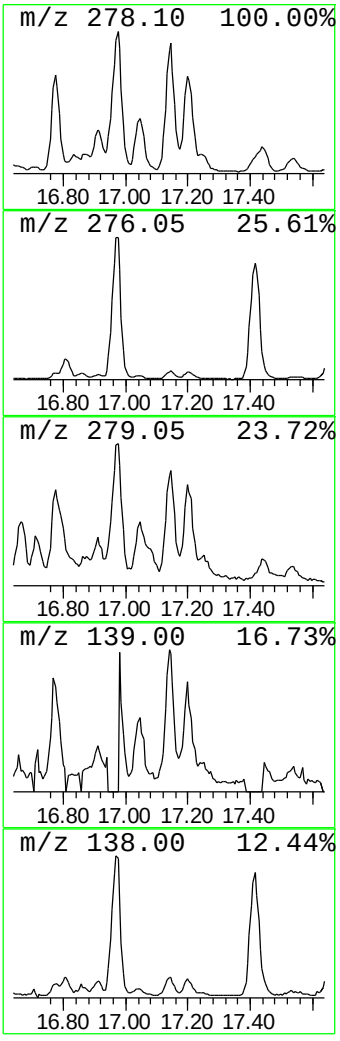
Peak Number 19 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	2.69 ng	177708	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Pentacene	278	C22H14	000135-48-8	95
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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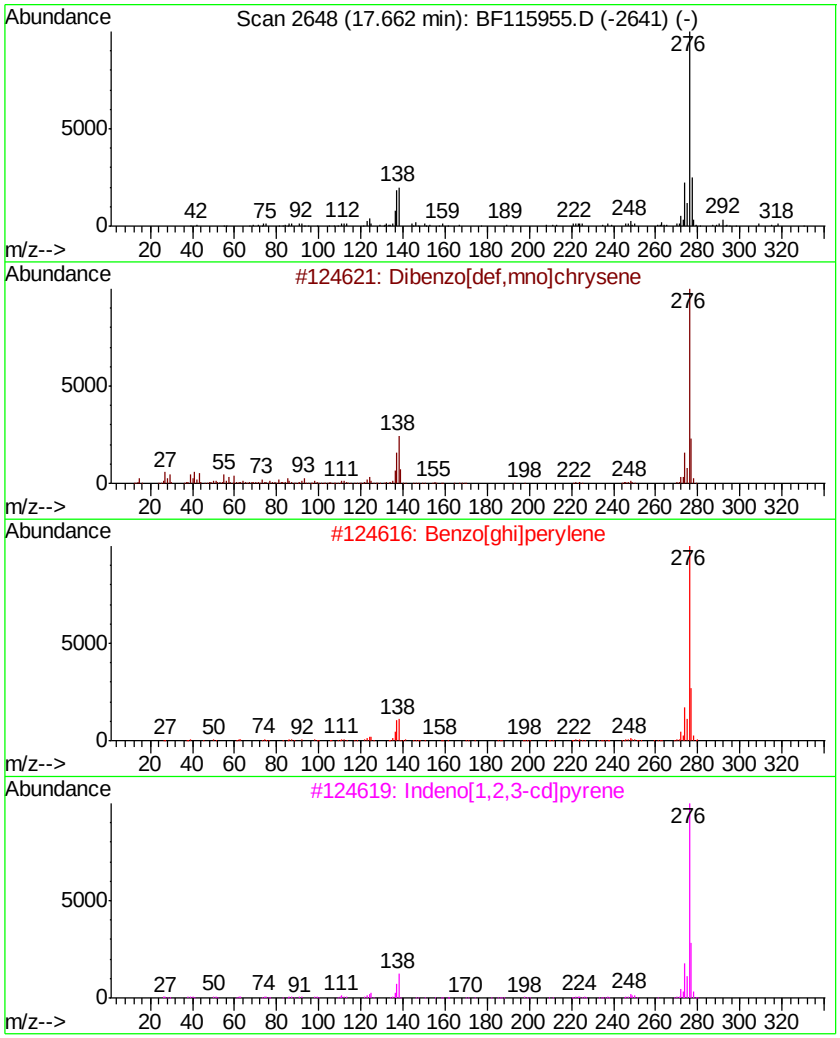
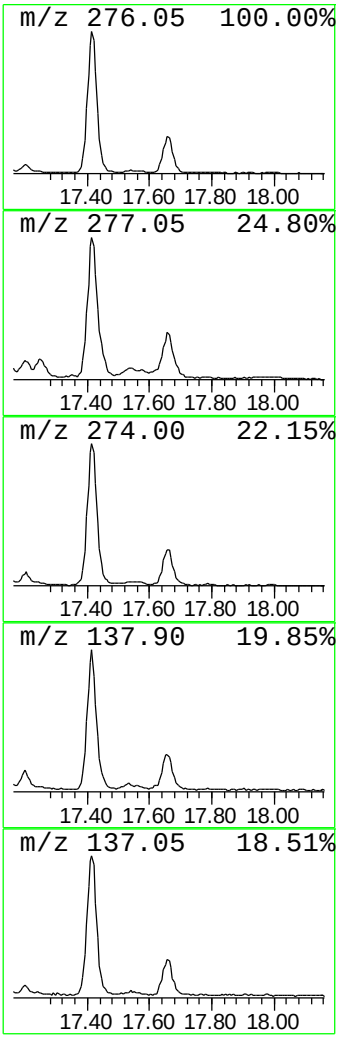
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	3.34 ng	221187	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115955.D
Acq On : 2 Aug 2019 19:11
Operator : HP/JU
Sample : K4130-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-H-(0-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	70.7	ng	2716600	1	6.85	768738	20.0
Phenanthrene, 2-m...	11.88	3.7	ng	246505	4	11.38	1333320	20.0
Phenanthrene, 1-m...	11.91	6.9	ng	461700	4	11.38	1333320	20.0
Anthracene, 2-met...	11.96	2.6	ng	172207	4	11.38	1333320	20.0
4H-Cyclopenta[def...	11.99	9.3	ng	618245	4	11.38	1333320	20.0
Naphthalene, 2-ph...	12.17	3.3	ng	221480	4	11.38	1333320	20.0
Phenanthrene, 2,5...	12.43	3.6	ng	238615	4	11.38	1333320	20.0
unknown12.47	12.47	2.6	ng	174907	4	11.38	1333320	20.0
Cyclopenta(def)ph...	12.52	2.8	ng	189290	4	11.38	1333320	20.0
11H-Benzo[b]fluorene	13.15	3.2	ng	568364	5	14.03	3602820	20.0
Pyrene, 1-methyl-	13.26	2.4	ng	436184	5	14.03	3602820	20.0
7H-Benz[de]anthra...	13.87	2.4	ng	431778	5	14.03	3602820	20.0
Cyclopenta(cd)pyr...	14.13	2.3	ng	405909	5	14.03	3602820	20.0
Octadecane	14.79	2.5	ng	162009	6	15.49	1323540	20.0
Benzo[e]pyrene	15.37	14.2	ng	942226	6	15.49	1323540	20.0
Nonadecane	15.94	3.5	ng	228944	6	15.49	1323540	20.0
Picene	17.14	2.7	ng	177708	6	15.49	1323540	20.0
Dibenzo[def,mno]c...	17.66	3.3	ng	221187	6	15.49	1323540	20.0