LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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	2.128	3	7	20	rVB	1541746	2016287	11.87%	0.666%
2	5.481	572	577	580	rBV	6438229	6294536	37.06%	2.080%
3	6.493	743	749	752	rBV	6700918	6835873	40.24%	2.259%
4	6.628	767	772	775	rBV	7059067	6693734	39.41%	2.212%
5	6.851	806	810	813	rBV	1982754	1585683	9.34%	0.524%
6	7.010	833	837	840	rBV	6011515	5131507	30.21%	1.695%
7	7.410	900	905	908	rBV	5012793	4916172	28.94%	1.624%
8	8.128	1023	1027	1029	rBV	2514989	2270860	13.37%	0.750%
9	8.151	1029	1031	1034	rVB	1488546	1129708	6.65%	0.373%
10	8.581	1097	1104	1112	rBV	3455613	3634394	21.40%	1.201%
11	8.839	1145	1148	1154	rVB	826746	724368	4.26%	0.239%
12	9.204	1206	1210	1213	rVB	8053232	6929410	40.79%	2.289%
13	9.598	1274	1277	1284	rVB2	1265791	1520652	8.95%	0.502%
14	9.745	1298	1302	1305	rBV	2724270	2341265	13.78%	0.774%
15	9.881	1322	1325	1329	rVV	2575880	2366874	13.93%	0.782%
16	10.675	1454	1460	1463	rBV	4312623	4438310	26.13%	1.466%
17	10.792	1476	1480	1486	rBV3	677734	896095	5.28%	0.296%
18	11.175	1542	1545	1548	rVB	1005529	869168	5.12%	0.287%
19	11.263	1557	1560	1566	rVB	1083817	991197	5.84%	0.327%
20	11.369	1574	1578	1580	rBV	2122126	2286413	13.46%	0.755%
21	11.398	1580	1583	1586	rVV	8799780	8733928	51.42%	2.886%
22	11.445	1588	1591	1593	rBV	1865975	1408529	8.29%	0.465%
23	11.663	1622	1628	1631	rVV2	1662812	1669282	9.83%	0.552%
24	11.698	1631	1634	1639	rVB2	1247968	1115262	6.57%	0.368%
25	11.780	1646	1648	1652	rVB	576770	603050	3.55%	0.199%
26	11.827	1652	1656	1660	rBV2	594845	799681	4.71%	0.264%
27	11.875	1660	1664	1666	rVV	3453371	3466727	20.41%	1.145%
28	11.898	1666	1668	1671	rVV	4570194	4301741	25.32%	1.421%
29	11.980	1679	1682	1685	rBV	4506139	5097574	30.01%	1.684%
30	12.010	1685	1687	1690	rVB	3277227	2452398	14.44%	0.810%
31	12.163	1706	1713	1716	rBV	2993731	3544143	20.86%	1.171%
32	12.198	1716	1719	1724	rVB2	3570281	3475943	20.46%	1.148%
33	12.316	1737	1739	1742	rVV	972693	934885	5.50%	0.309%
34	12.345	1742	1744	1746	rVV	1067329	865724	5.10%	0.286%

LSC Area Percent Report

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Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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	12.369	1746	1748	1751	rVB2	771370	692738	4.08%	0.229%
36	12.422	1751	1757	1760	rBV	3043378	3890585	22.90%	1.285%
37	12.457	1760	1763	1765	rVV3	1696792	2324856	13.69%	0.768%
38	12.480	1765	1767	1769	rVB	1020662	770777	4.54%	0.255%
39	12.516	1769	1773	1777	rBV	2526146	3028265	17.83%	1.001%
40	12.592	1780	1786	1789	rBV	9006509	11214965	66.02%	3.705%
41	12.627	1789	1792	1794	rBV	889737	843844	4.97%	0.279%
42	12.680	1798	1801	1804	rVB	2991213	2499403	14.71%	0.826%
43	12.727	1805	1809	1812	rBV3	1483749	1899465	11.18%	0.628%
44	12.757	1812	1814	1820	rVB3	669322	749931	4.41%	0.248%
45	12.833	1820	1827	1830	rVB	11226038	16986282	100.00%	5.612%
46	12.869	1830	1833	1837	rVB4	915853	1174030	6.91%	0.388%
47	12.951	1844	1847	1850	rBV	4368058	4363174	25.69%	1.442%
48	13.033	1857	1861	1867	rBV2	2451324	3980962	23.44%	1.315%
49	13.086	1867	1870	1873	rBV3	677386	724784	4.27%	0.239%
50	13.121	1873	1876	1877	rBV2	2097531	2213941	13.03%	0.731%
51	13.210	1888	1891	1894	rVV	1073930	1120445	6.60%	0.370%
52	13.251	1894	1898	1901	rVV	3661539	3453525	20.33%	1.141%
53	13.339	1910	1913	1916	rBV	3085926	3075948	18.11%	1.016%
54	13.374	1916	1919	1921	rVB	2930639	2603878	15.33%	0.860%
55	13.651	1963	1966	1970	rVB	2606105	2628718	15.48%	0.869%
56	13.763	1979	1985	1987	rBV	2573425	3468374	20.42%	1.146%
57	13.792	1987	1990	1992	rVV	2946879	2877971	16.94%	0.951%
58	13.816	1992	1994	1996	rVV	2574754	2170279	12.78%	0.717%
59	13.863	1996	2002	2005	rVB3	2047825	3301010	19.43%	1.091%
60	14.010	2022	2027	2030	rBV2	7181161	10875327	64.02%	3.593%
61	14.051	2030	2034	2037	rVV	8111568	10358573	60.98%	3.422%
62	14.104	2040	2043	2047	rVV3	612884	752527	4.43%	0.249%
63	14.168	2050	2054	2063	rVB3	3830521	5466793	32.18%	1.806%
64	14.274	2069	2072	2074	rBV2	773526	766171	4.51%	0.253%
65	14.333	2079	2082	2085	rVB3	563456	585571	3.45%	0.193%
66	14.368	2085	2088	2090	rBV2	939815	1001485	5.90%	0.331%
67	14.410	2090	2095	2098	rVV	2783795	3535518	20.81%	1.168%
68	14.439	2098	2100	2104	rVV2	1921710	2285035	13.45%	0.755%
69	14.486	2104	2108	2113	rVV4	2453026	3805135	22.40%	1.257%
70	14.533	2113	2116	2118	rVV2	1824720	2161323	12.72%	0.714%
71	14.557	2118	2120	2122	rVV	1761363	1452733	8.55%	0.480%

LSC Area Percent Report

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Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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
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Peak separation: 5

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

72	14.604	2125	2128	2131	rVB	1699994	1559164	9.18%	0.515%
73	14.792	2157	2160	2164	rVV3	723299	788331	4.64%	0.260%
74	14.839	2166	2168	2171	rVB2	847740	841875	4.96%	0.278%
75	14.898	2175	2178	2182	rBV3	594483	870939	5.13%	0.288%
76	15.080	2201	2209	2215	rBV	6116052	14679496	86.42%	4.850%
77	15.127	2215	2217	2219	rVV2	1940657	2075725	12.22%	0.686%
78	15.151	2219	2221	2223	rVV	1662616	1939562	11.42%	0.641%
79	15.174	2223	2225	2229	rVB	2002081	2118752	12.47%	0.700%
80	15.380	2253	2260	2265	rVB	5244503	8281936	48.76%	2.736%
81	15.451	2265	2272	2275	rBV2	5797156	9176688	54.02%	3.032%
82	15.498	2275	2280	2283	rVV3	1852405	2912349	17.15%	0.962%
83	15.533	2283	2286	2292	rVB2	1260927	2071277	12.19%	0.684%
84	15.668	2305	2309	2312	rBV2	519021	864581	5.09%	0.286%
85	15.704	2312	2315	2322	rVB2	918716	1511011	8.90%	0.499%
86	15.815	2330	2334	2337	rBV	582029	752296	4.43%	0.249%
87	15.851	2337	2340	2346	rVB	637035	888700	5.23%	0.294%
88	15.939	2349	2355	2359	rBV3	1154693	1907049	11.23%	0.630%
89	15.986	2359	2363	2366	rBV2	803095	1426254	8.40%	0.471%
90	16.057	2372	2375	2379	rVB2	733520	980907	5.77%	0.324%
91	16.515	2449	2453	2458	rBV4	381039	619946	3.65%	0.205%
92	16.615	2466	2470	2474	rBV2	457956	807080	4.75%	0.267%
93	16.733	2486	2490	2493	rBV3	407401	706002	4.16%	0.233%
94	16.980	2523	2532	2537	rVV	2787306	5841950	34.39%	1.930%
95	17.033	2537	2541	2546	rVB2	398323	650550	3.83%	0.215%
96	17.133	2553	2558	2563	rBV	567124	1034035	6.09%	0.342%
97	17.198	2564	2569	2576	rBV2	530237	1154222	6.80%	0.381%
98	17.427	2598	2608	2616	rVB	2235658	5506331	32.42%	1.819%
99	17.533	2620	2626	2637	rVB7	647963	1716542	10.11%	0.567%
100	18.562	2795	2801	2817	rVB8	448278	1536554	9.05%	0.508%

Sum of corrected areas: 302665818

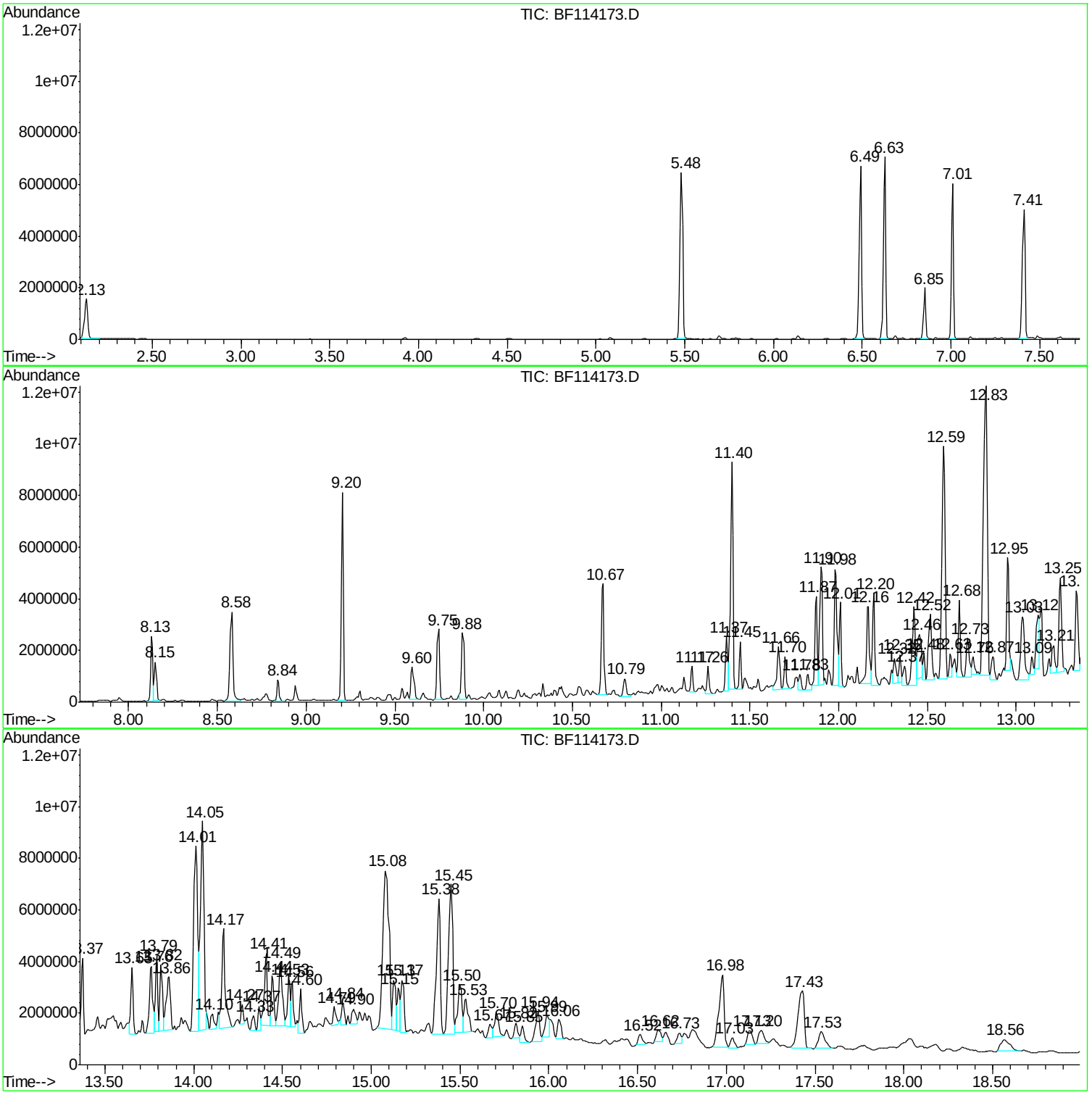
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

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\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

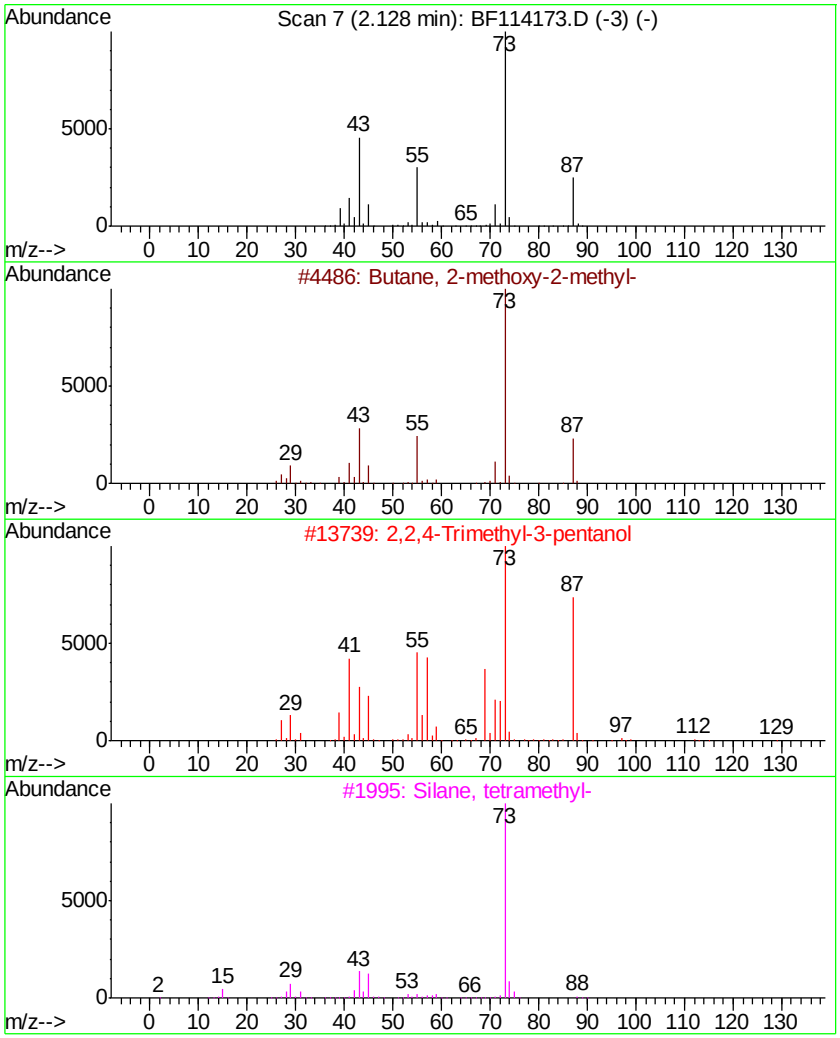
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

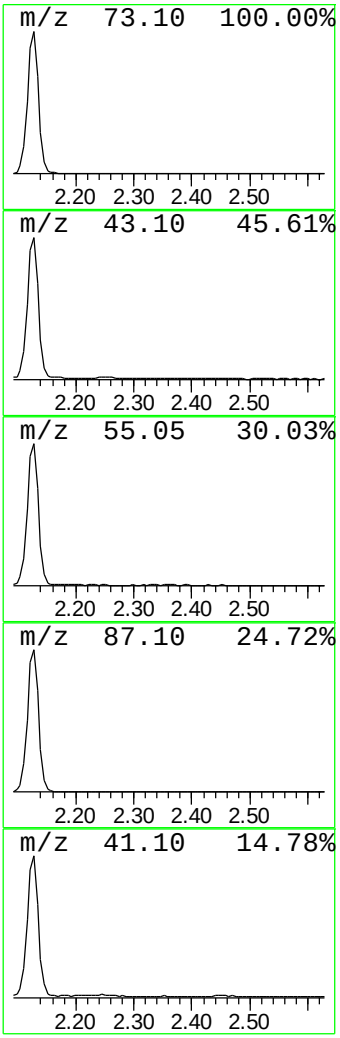
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	25.43 ng	2016290	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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

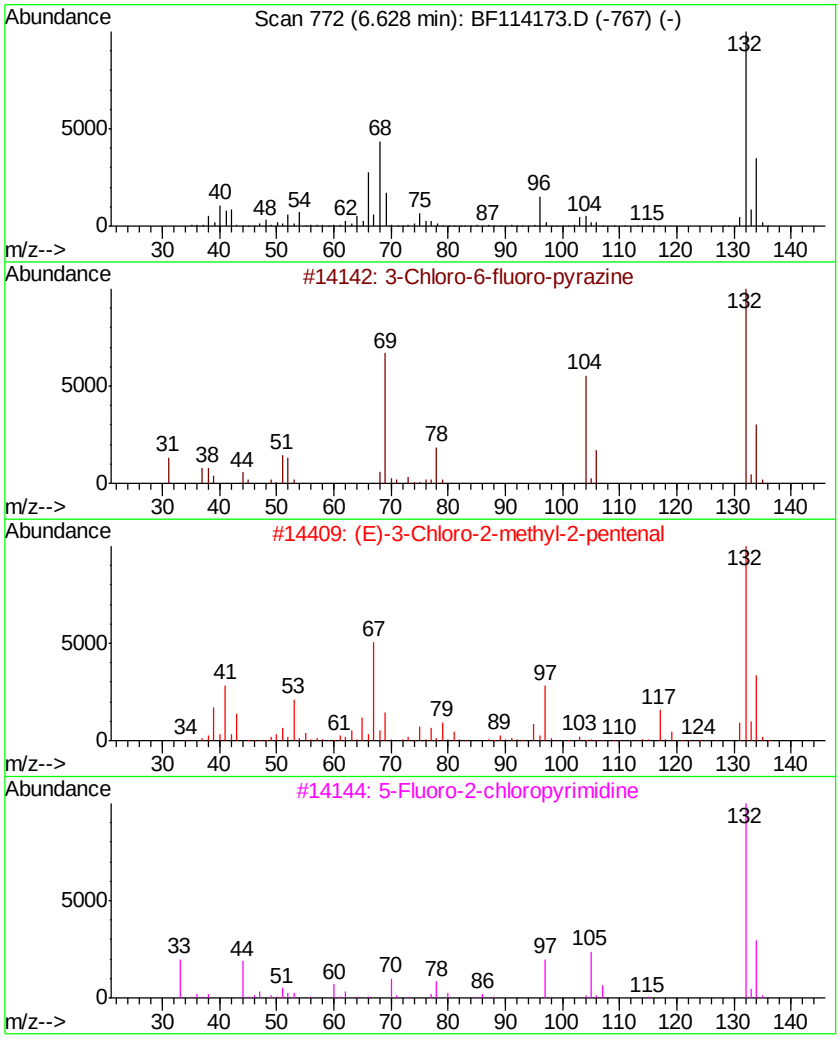
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

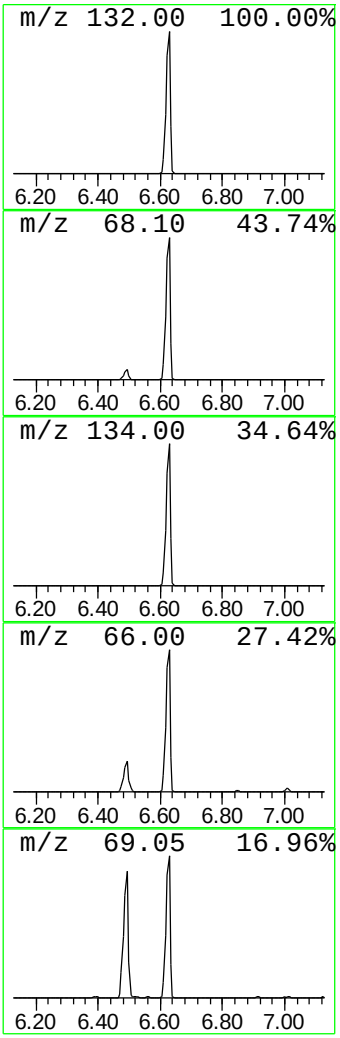
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	84.43 ng	6693730	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	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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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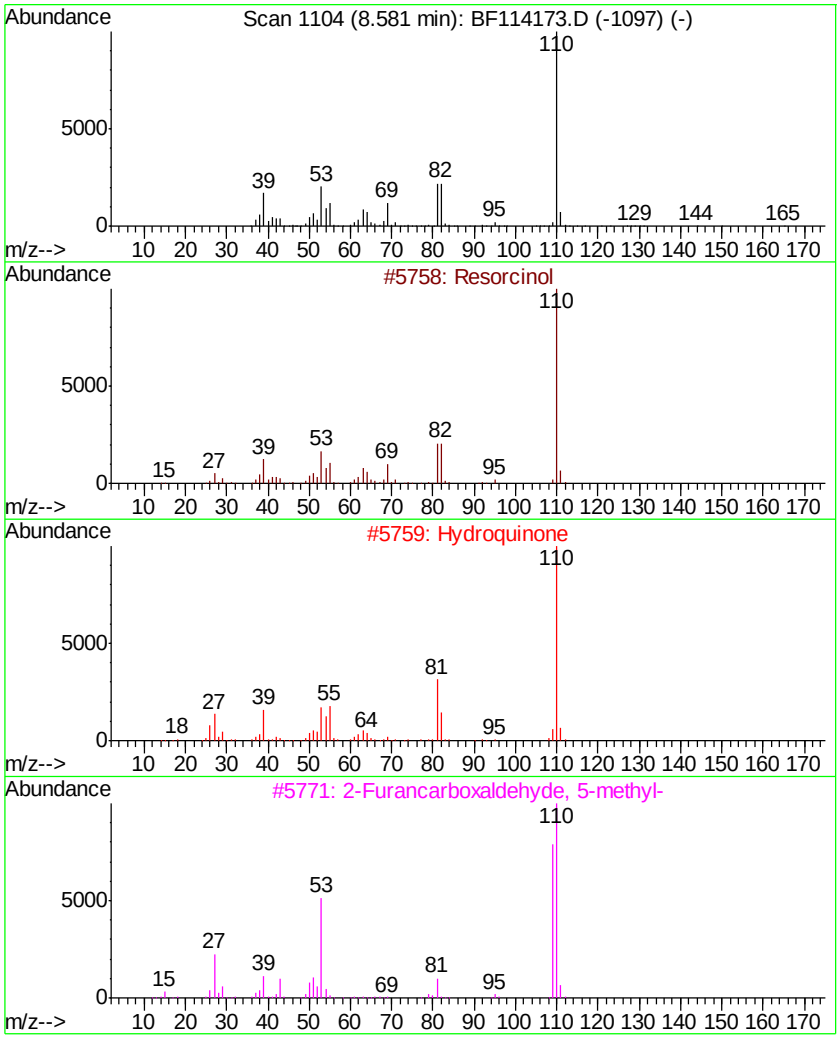
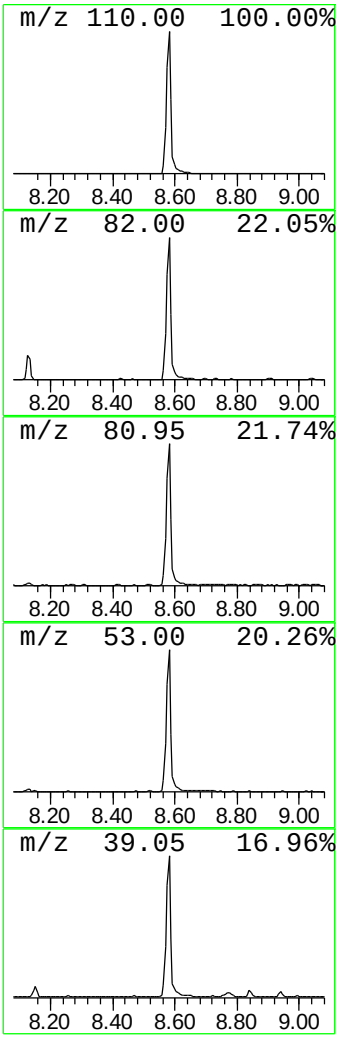
Peak Number 4 Resorcinol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	32.01 ng	3634390	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Hydroquinone	110	C6H6O2	000123-31-9	86
3	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	53
4	4(1H)-Pyrimidinone, 6-methyl-	110	C5H6N2O	003524-87-6	53
5	Catechol	110	C6H6O2	000120-80-9	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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

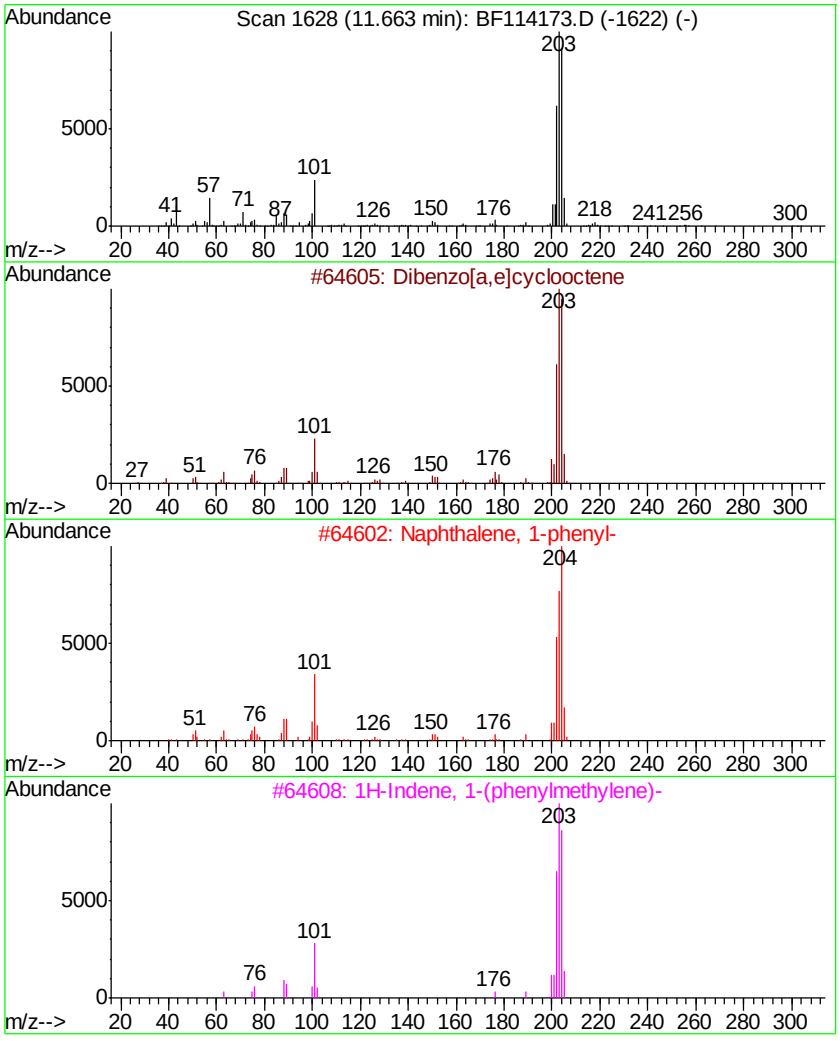
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

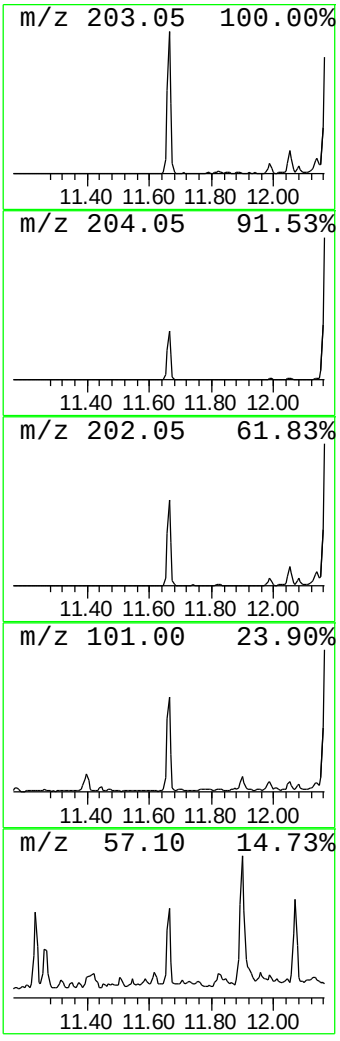
****

Peak Number 5 Dibenzo[a,e]cyclooctene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	14.60 ng	1669280	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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

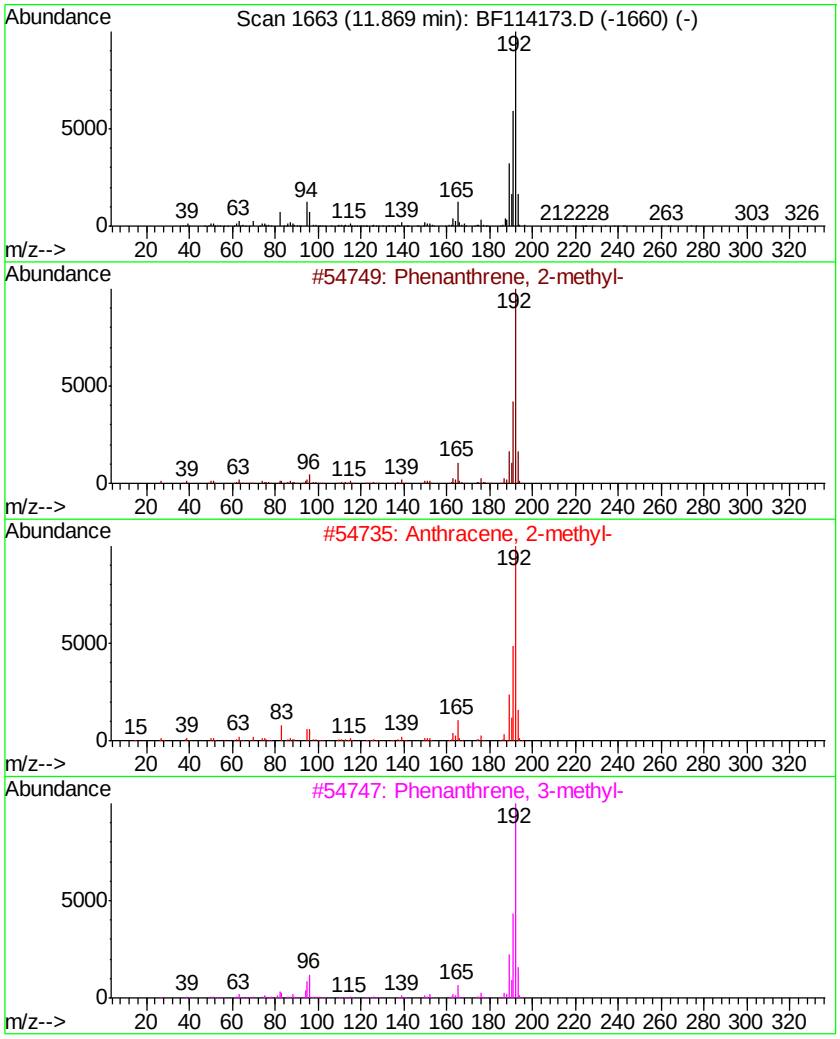
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

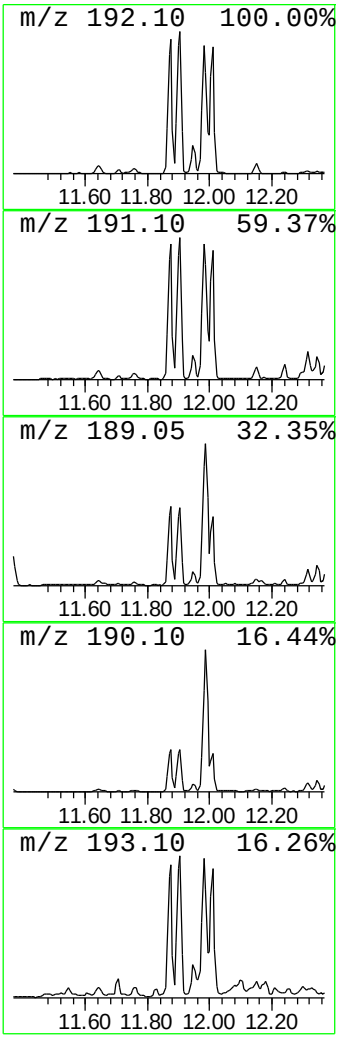
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	30.32 ng	3466730	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	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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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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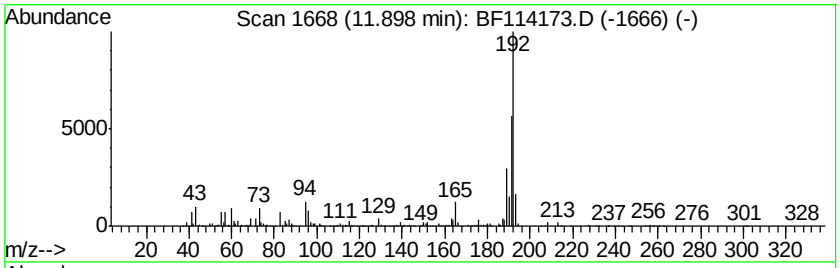
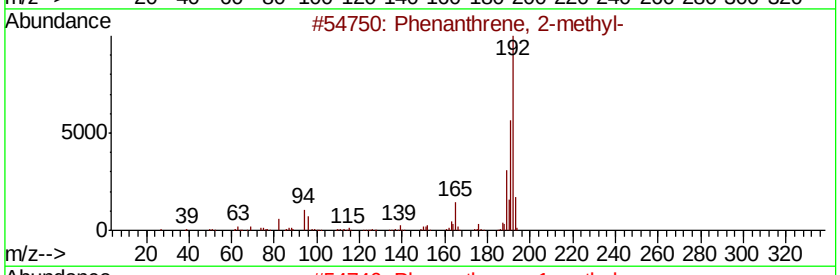
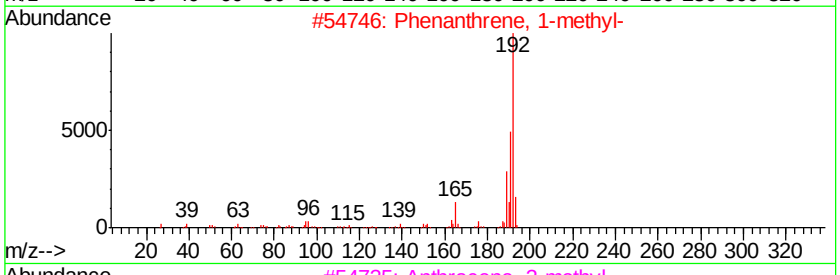
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

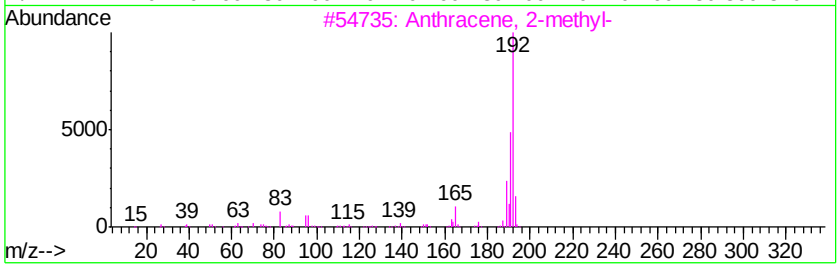
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	37.63 ng	4301740	Phenanthrene-d10	11.37

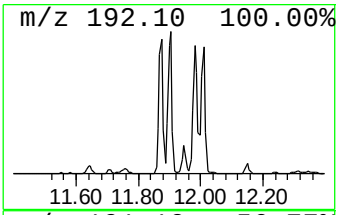
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95

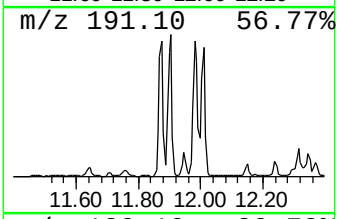


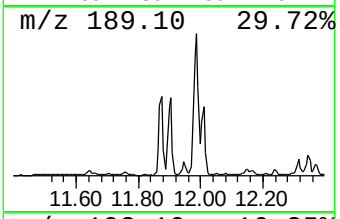


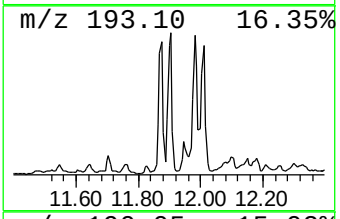


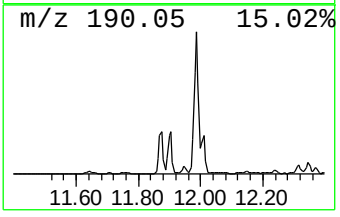












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Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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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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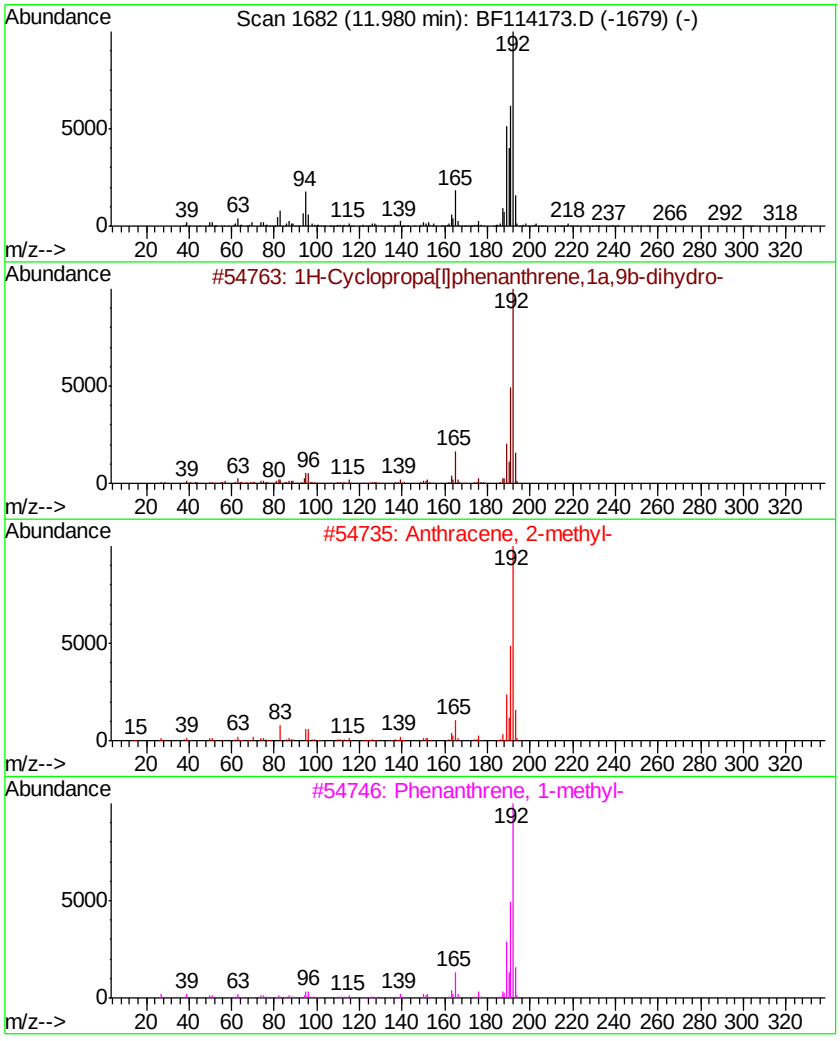
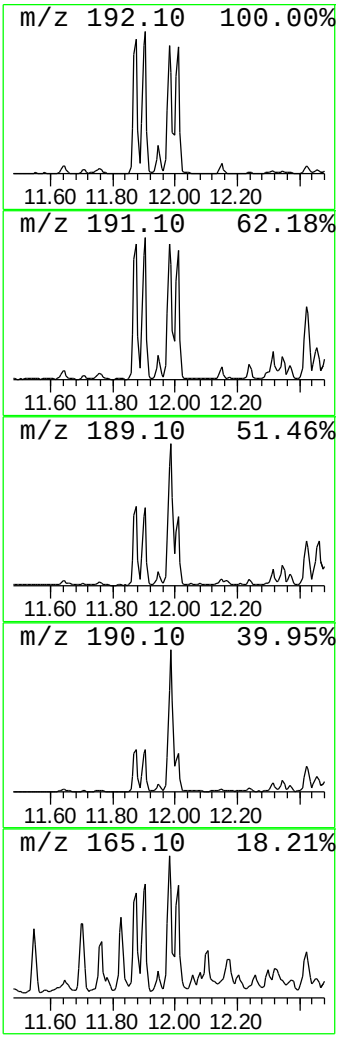
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	44.59 ng	5097570	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





Library Search Compound Report

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

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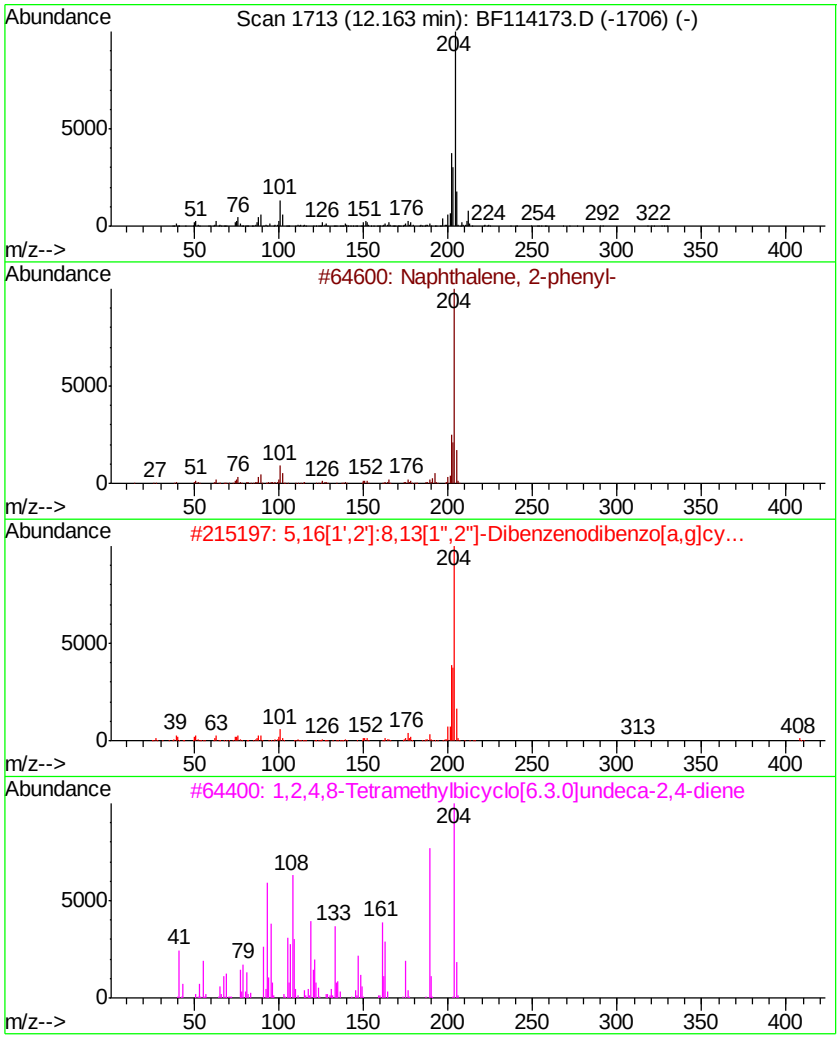
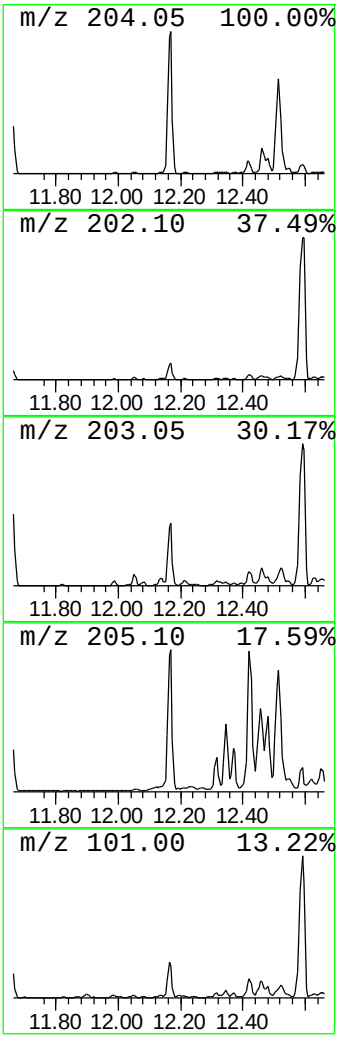
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	31.00 ng	3544140	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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ClientSampleId : P026-SS005-0002-01

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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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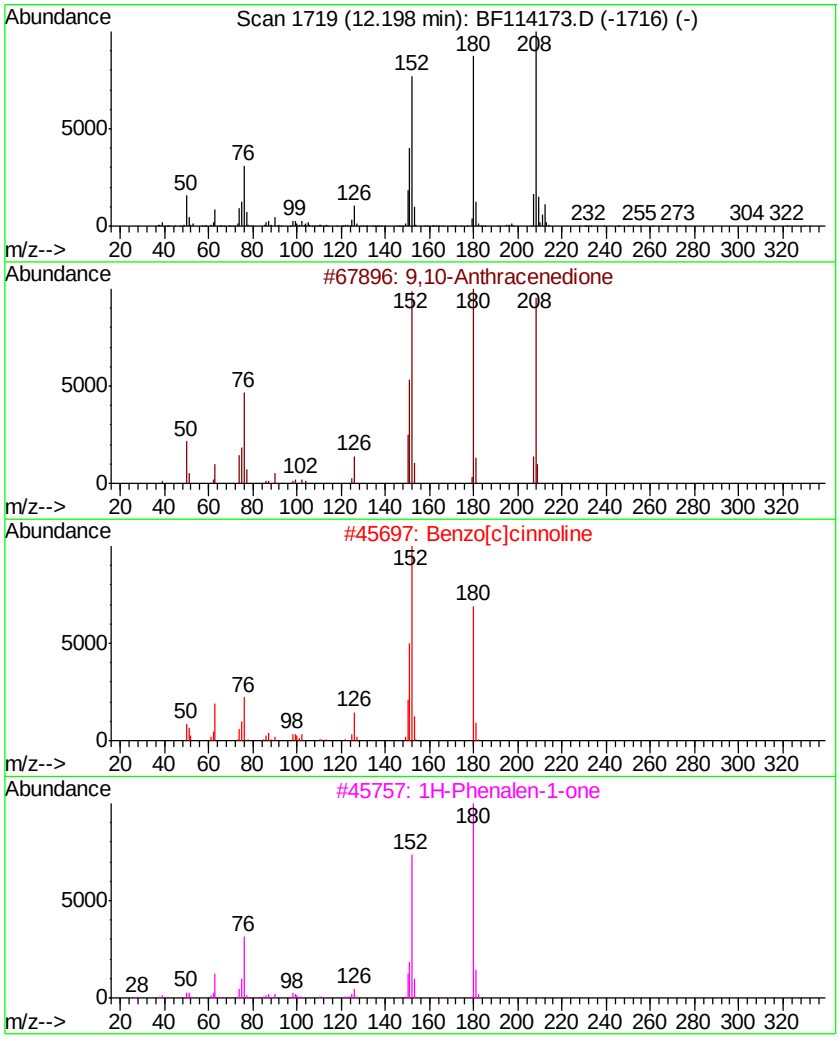
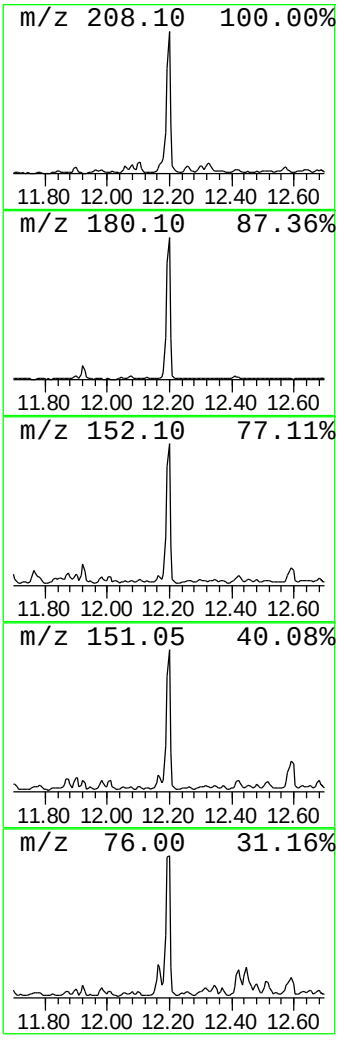
Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	30.41 ng	3475940	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	47





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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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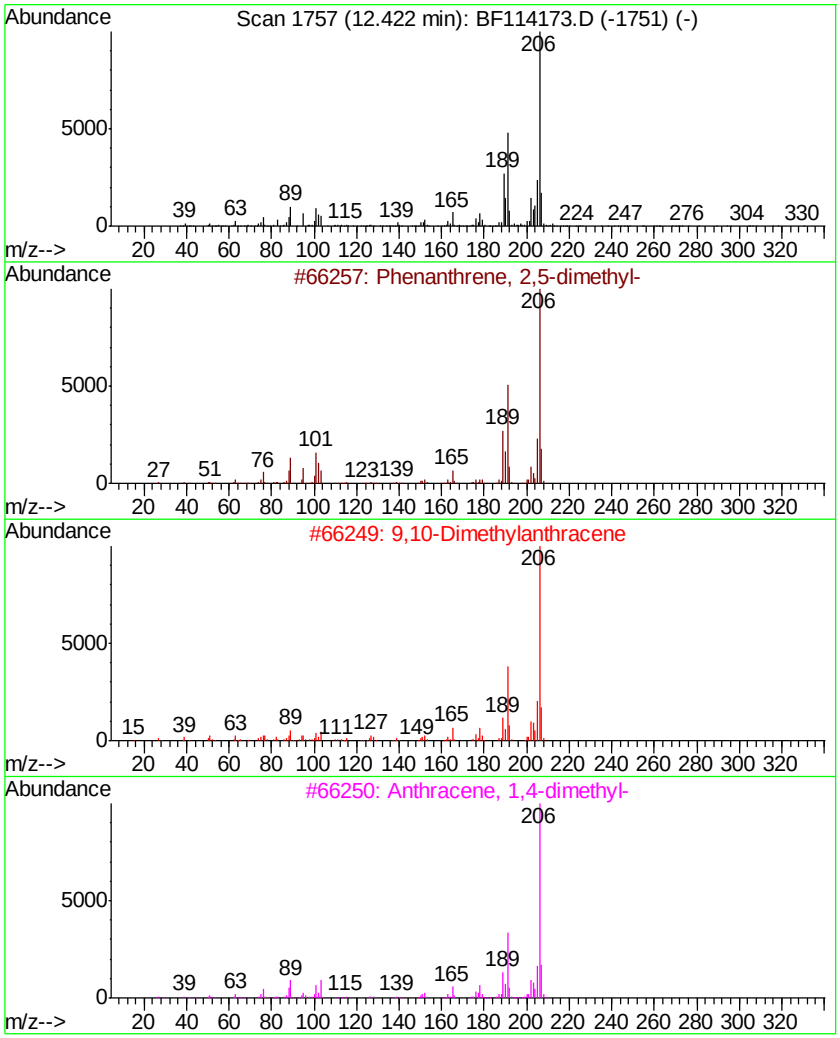
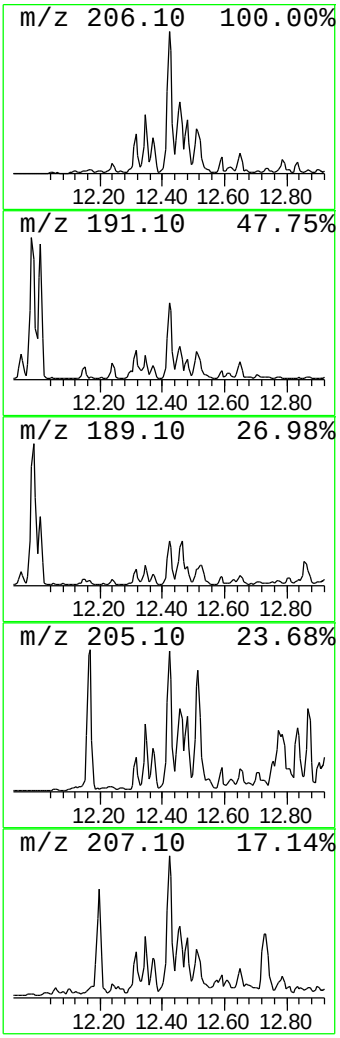
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	34.03 ng	3890590	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	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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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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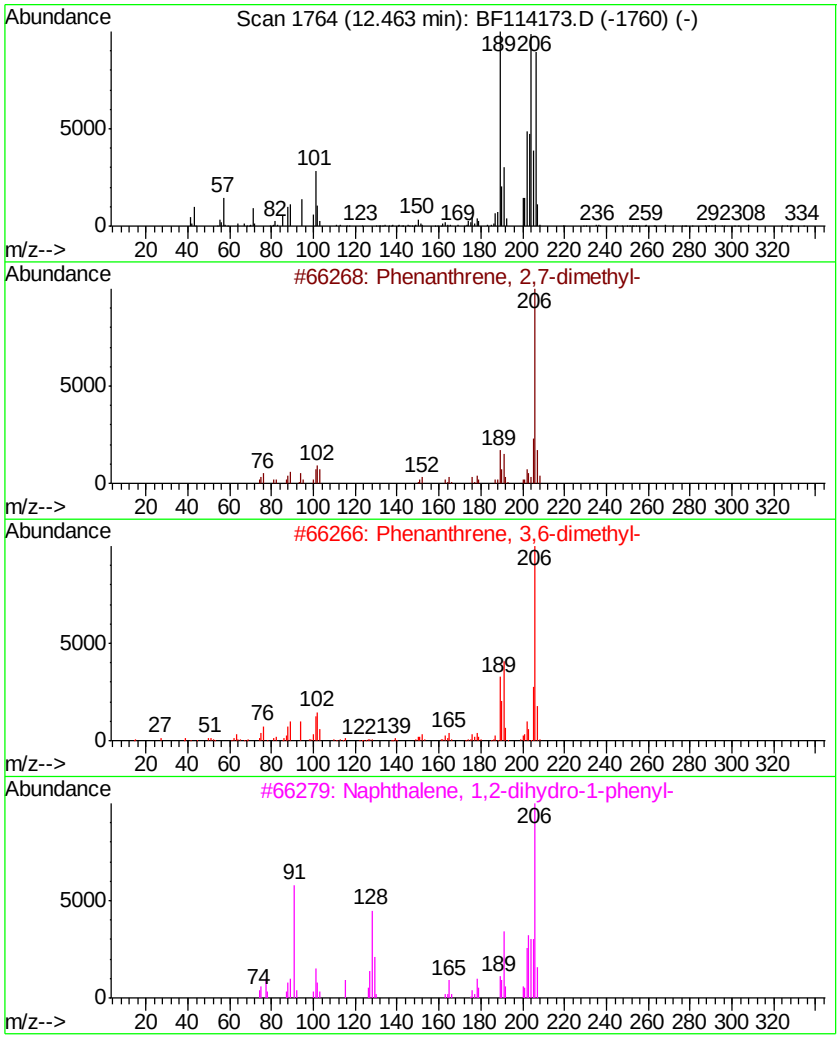
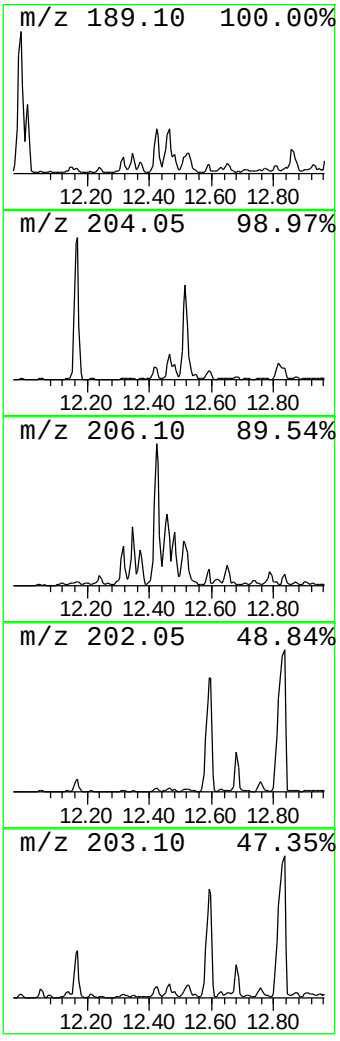
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	20.34 ng	2324860	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	52
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	52





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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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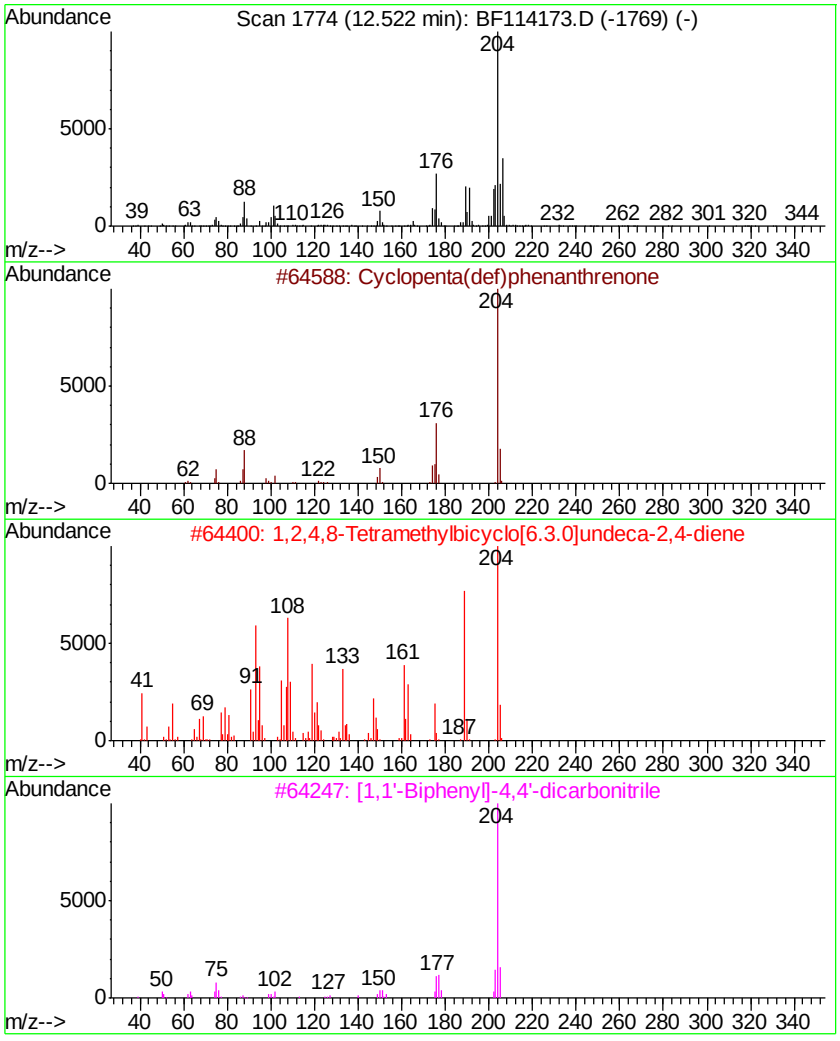
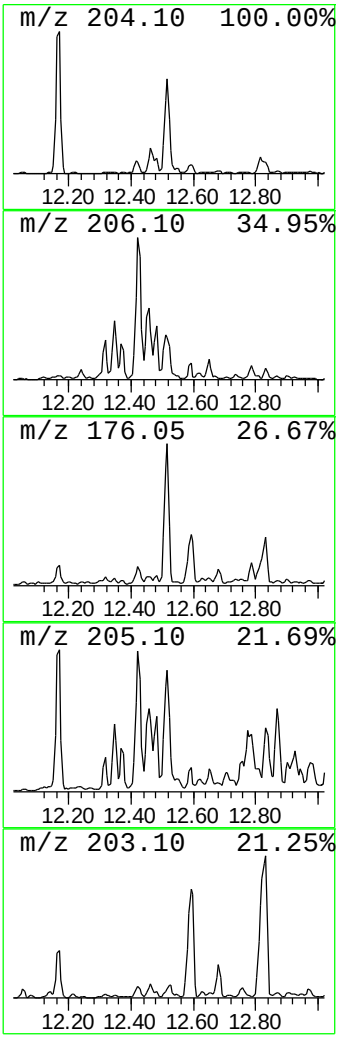
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	26.49 ng	3028270	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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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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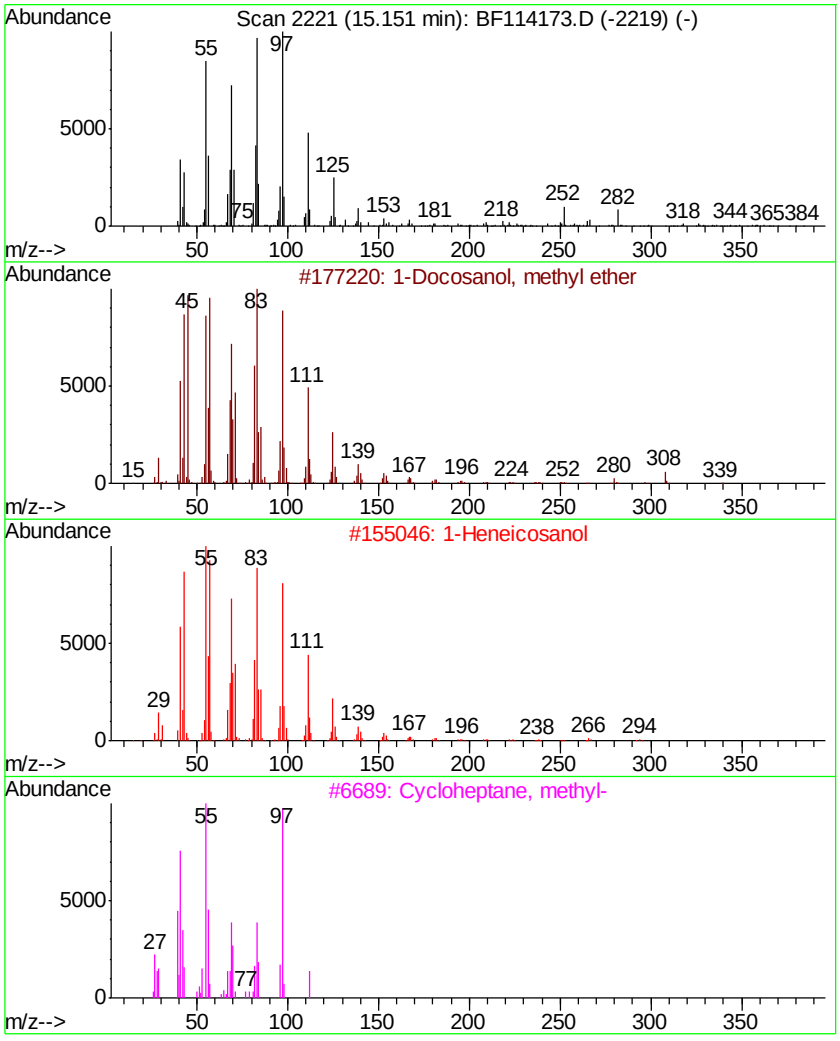
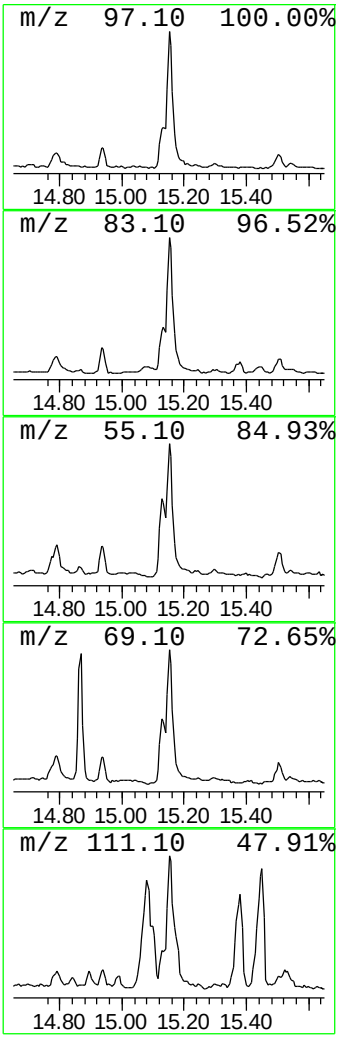
Peak Number 16 1-Docosanol, methyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	13.32 ng	1939560	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	68
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	43
4	Triallylmethylsilane	166	C10H18Si	001112-91-0	38
5	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	38





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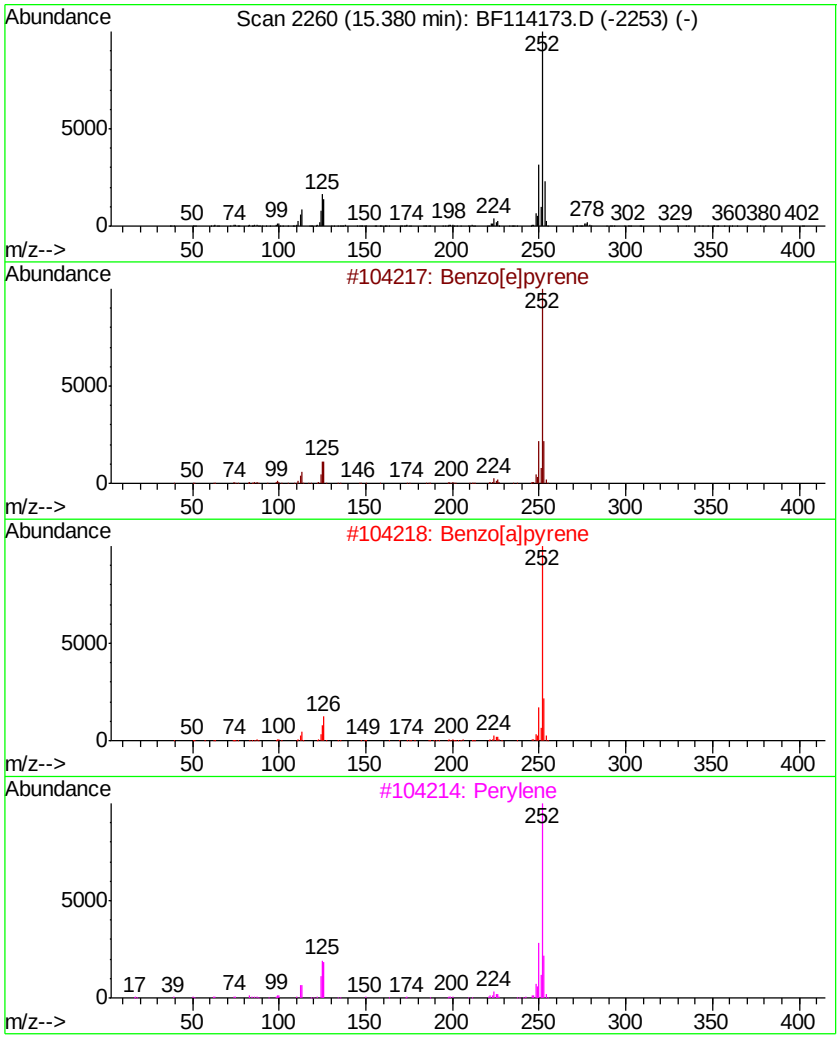
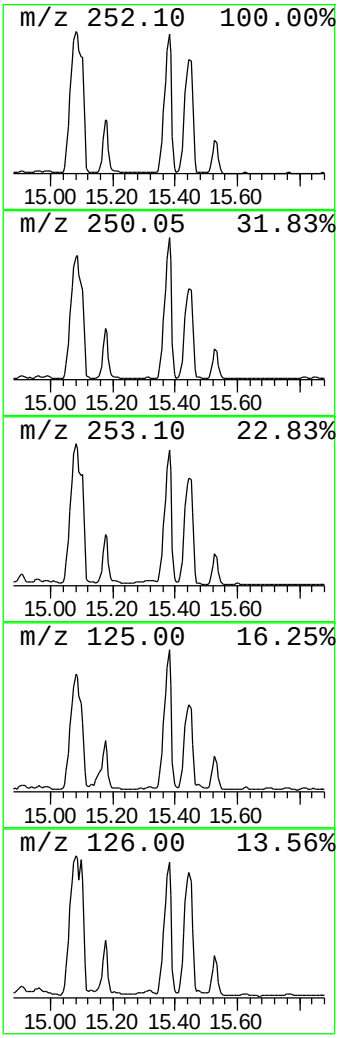
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	56.87 ng	8281940	Perylene-d12	15.50

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





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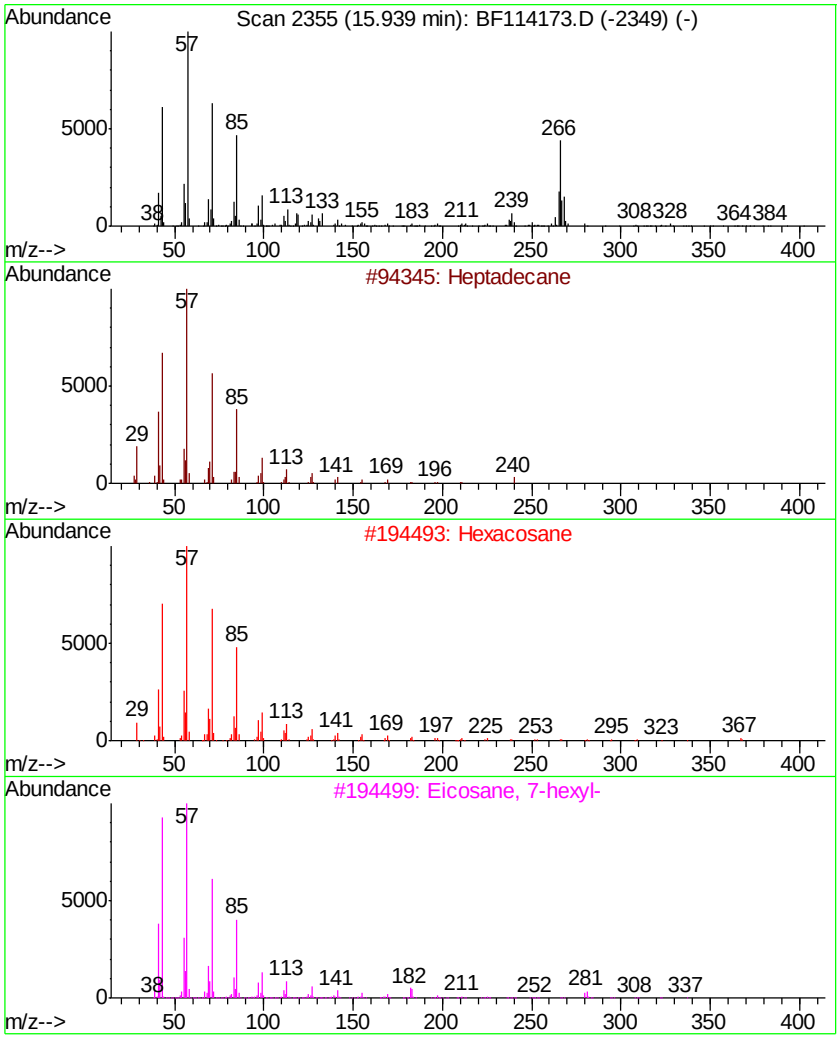
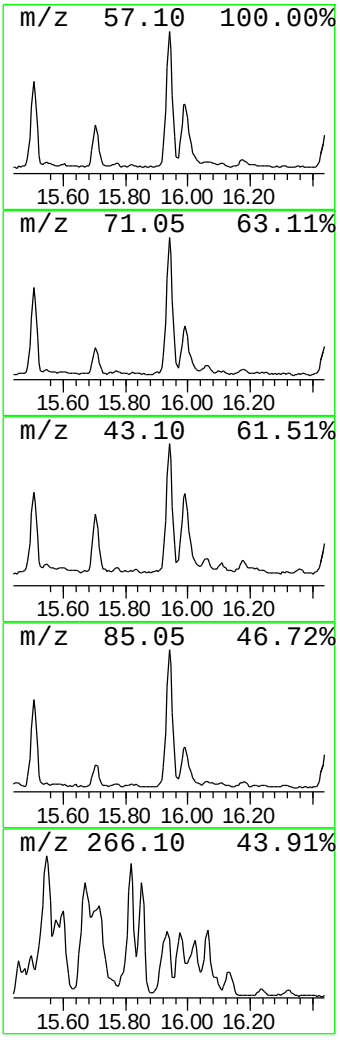
Peak Number 19 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	13.10 ng	1907050	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	53
2	Hexacosane	366	C26H54	000630-01-3	50
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	45
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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

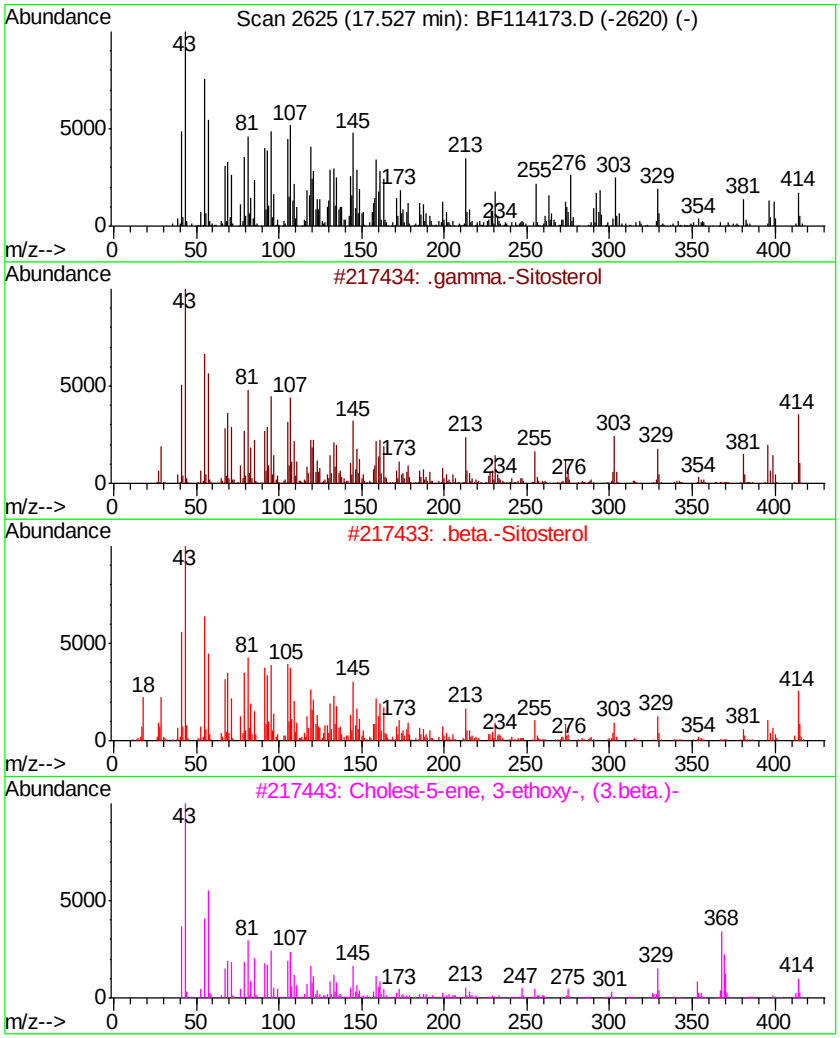
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

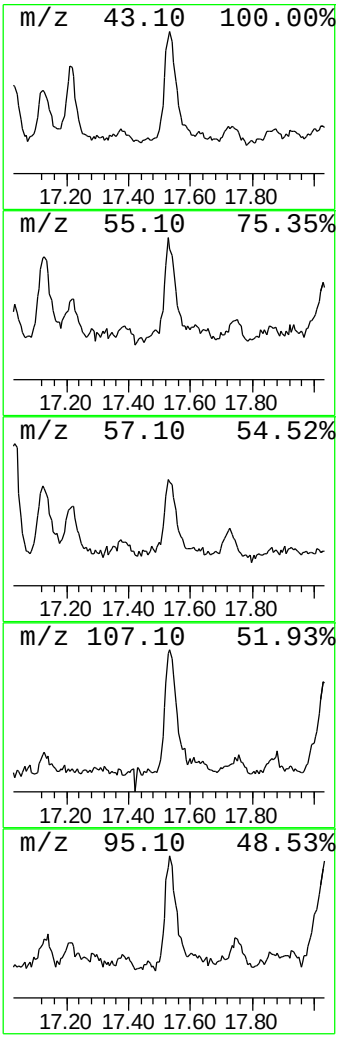
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	11.79 ng	1716540	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	43
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	41
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

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	25.4	ng	2016290	1	6.85	1585680	20.0
unknown6.63	6.63	84.4	ng	6693730	1	6.85	1585680	20.0
Resorcinol	8.58	32.0	ng	3634390	2	8.13	2270860	20.0
Dibenzo[a,e]cyclo...	11.66	14.6	ng	1669280	4	11.37	2286410	20.0
Phenanthrene, 2-m...	11.87	30.3	ng	3466730	4	11.37	2286410	20.0
Phenanthrene, 1-m...	11.90	37.6	ng	4301740	4	11.37	2286410	20.0
1H-Cyclopropa[l]p...	11.98	44.6	ng	5097570	4	11.37	2286410	20.0
Naphthalene, 2-ph...	12.16	31.0	ng	3544140	4	11.37	2286410	20.0
9,10-Anthracenedione	12.20	30.4	ng	3475940	4	11.37	2286410	20.0
Phenanthrene, 2,5...	12.42	34.0	ng	3890590	4	11.37	2286410	20.0
Phenanthrene, 2,7...	12.46	20.3	ng	2324860	4	11.37	2286410	20.0
Cyclopenta(def)ph...	12.52	26.5	ng	3028270	4	11.37	2286410	20.0
1-Docosanol, meth...	15.15	13.3	ng	1939560	6	15.50	2912350	20.0
Benzo[e]pyrene	15.38	56.9	ng	8281940	6	15.50	2912350	20.0
Heptadecane	15.94	13.1	ng	1907050	6	15.50	2912350	20.0
.gamma.-Sitosterol	17.53	11.8	ng	1716540	6	15.50	2912350	20.0