LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114172.D
Acq On : 12 May 2019 00:00
Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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	2.116	3	5	16	rVB	1166420	1438384	8.53%	0.509%
2	5.481	572	577	580	rBV	5986115	5832133	34.59%	2.063%
3	6.487	743	748	751	rBV	6171021	6398675	37.95%	2.264%
4	6.622	767	771	775	rBV	6485110	6349434	37.66%	2.246%
5	6.851	806	810	813	rBV	2244208	1835318	10.89%	0.649%
6	7.010	832	837	840	rBV	5337081	4853806	28.79%	1.717%
7	7.410	895	905	908	rBV	4758365	4257360	25.25%	1.506%
8	8.128	1023	1027	1029	rBV	2545553	2351445	13.95%	0.832%
9	8.151	1029	1031	1036	rVB	1722362	1308472	7.76%	0.463%
10	8.839	1145	1148	1152	rVB	947082	808305	4.79%	0.286%
11	8.939	1162	1165	1168	rBV	719373	551531	3.27%	0.195%
12	9.204	1206	1210	1213	rVB	6842296	5701223	33.81%	2.017%
13	9.604	1274	1278	1284	rVB2	828433	1202446	7.13%	0.425%
14	9.745	1298	1302	1305	rBV	2429806	2232545	13.24%	0.790%
15	9.881	1323	1325	1329	rVV	2662299	2370989	14.06%	0.839%
16	10.428	1415	1418	1425	rVB3	416593	724951	4.30%	0.256%
17	10.669	1454	1459	1463	rBV	4048047	3705603	21.98%	1.311%
18	10.792	1476	1480	1486	rBV3	667571	899216	5.33%	0.318%
19	11.175	1541	1545	1548	rVB	896623	856319	5.08%	0.303%
20	11.263	1557	1560	1566	rVB	1140000	1076188	6.38%	0.381%
21	11.369	1574	1578	1580	rVV	2122847	2394511	14.20%	0.847%
22	11.398	1580	1583	1586	rVV	9037372	9344190	55.42%	3.306%
23	11.445	1586	1591	1593	rVB	1852229	1452996	8.62%	0.514%
24	11.475	1593	1596	1600	rBV3	483783	564688	3.35%	0.200%
25	11.663	1622	1628	1631	rVV2	1816083	1940729	11.51%	0.687%
26	11.698	1631	1634	1638	rVV	1348399	1262557	7.49%	0.447%
27	11.780	1646	1648	1652	rVB	617654	626937	3.72%	0.222%
28	11.827	1652	1656	1660	rBV2	626454	812110	4.82%	0.287%
29	11.875	1660	1664	1666	rVV	3762116	4025410	23.87%	1.424%
30	11.898	1666	1668	1671	rVV	5005016	4677035	27.74%	1.655%
31	11.945	1674	1676	1679	rVV	651424	579987	3.44%	0.205%
32	11.980	1679	1682	1685	rVV	4861472	5606511	33.25%	1.983%
33	12.010	1685	1687	1690	rVB	3311400	2573338	15.26%	0.910%
34	12.169	1710	1714	1716	rVV	2773090	2769102	16.42%	0.980%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114172.D
Acq On : 12 May 2019 00:00
Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

35	12.198	1716	1719	1724	rVB2	3801161	3608948	21.40%	1.277%
36	12.345	1742	1744	1746	rVB	749086	528392	3.13%	0.187%
37	12.369	1746	1748	1751	rVB2	737945	650788	3.86%	0.230%
38	12.422	1751	1757	1759	rBV	2717833	3128023	18.55%	1.107%
39	12.457	1759	1763	1765	rVV3	1220883	1872862	11.11%	0.663%
40	12.480	1765	1767	1769	rVB	885588	671320	3.98%	0.237%
41	12.516	1769	1773	1777	rBV	2325700	2925118	17.35%	1.035%
42	12.592	1780	1786	1789	rVB	8754643	11024885	65.39%	3.900%
43	12.627	1789	1792	1794	rBV	887032	896730	5.32%	0.317%
44	12.680	1798	1801	1804	rVB	2330274	2021680	11.99%	0.715%
45	12.727	1805	1809	1812	rBV3	1616989	1938026	11.49%	0.686%
46	12.833	1820	1827	1830	rVB	11068397	16860889	100.00%	5.965%
47	12.869	1830	1833	1837	rVB4	859900	1043546	6.19%	0.369%
48	12.951	1844	1847	1849	rBV	3769083	3149309	18.68%	1.114%
49	13.033	1857	1861	1867	rBV2	2258231	3582583	21.25%	1.267%
50	13.086	1867	1870	1872	rVV3	758786	772934	4.58%	0.273%
51	13.121	1872	1876	1877	rVV2	2210542	2686339	15.93%	0.950%
52	13.139	1877	1879	1882	rVB	2445323	2258356	13.39%	0.799%
53	13.204	1888	1890	1894	rVV2	829894	924405	5.48%	0.327%
54	13.245	1894	1897	1901	rVV	3233666	3137235	18.61%	1.110%
55	13.339	1910	1913	1916	rBV	3064645	2828297	16.77%	1.001%
56	13.369	1916	1918	1921	rVB	2731429	2349584	13.94%	0.831%
57	13.651	1962	1966	1970	rVB	2459171	2565520	15.22%	0.908%
58	13.757	1978	1984	1987	rBV	2621752	3314736	19.66%	1.173%
59	13.786	1987	1989	1991	rVV	2586458	2315648	13.73%	0.819%
60	13.816	1991	1994	1996	rVV	2128290	1934423	11.47%	0.684%
61	13.857	1996	2001	2005	rVB3	2221168	3294810	19.54%	1.166%
62	14.010	2021	2027	2029	rBV2	6597627	9622396	57.07%	3.404%
63	14.045	2029	2033	2040	rVV	7526269	10501934	62.29%	3.715%
64	14.098	2040	2042	2046	rVV3	582297	626005	3.71%	0.221%
65	14.163	2049	2053	2062	rVB2	3801205	5229912	31.02%	1.850%
66	14.268	2068	2071	2073	rBV3	666130	649721	3.85%	0.230%
67	14.363	2084	2087	2089	rBV2	817410	917769	5.44%	0.325%
68	14.398	2089	2093	2096	rVV	2621592	2979133	17.67%	1.054%
69	14.433	2096	2099	2103	rVV2	1919900	2214561	13.13%	0.783%
70	14.480	2103	2107	2111	rVV4	1960086	3056896	18.13%	1.081%
71	14.521	2111	2114	2116	rVV2	1695551	1939912	11.51%	0.686%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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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Peak separation: 5

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

72	14.545	2116	2118	2121	rVV	1694414	1381300	8.19%	0.489%
73	14.592	2123	2126	2129	rVB	1397179	1313034	7.79%	0.465%
74	14.827	2163	2166	2169	rVB2	896781	1047188	6.21%	0.370%
75	14.886	2173	2176	2180	rBV3	585497	896503	5.32%	0.317%
76	15.068	2199	2207	2213	rBV	5768168	13210551	78.35%	4.674%
77	15.163	2217	2223	2227	rVB	1635118	2245938	13.32%	0.795%
78	15.368	2251	2258	2262	rVB	4974744	7628277	45.24%	2.699%
79	15.433	2262	2269	2272	rBV2	5412075	8275741	49.08%	2.928%
80	15.486	2272	2278	2280	rVV2	1619552	2344585	13.91%	0.829%
81	15.515	2280	2283	2289	rVB2	1110403	1888114	11.20%	0.668%
82	15.657	2303	2307	2309	rBV	346391	554957	3.29%	0.196%
83	15.686	2310	2312	2319	rVB2	619183	991829	5.88%	0.351%
84	15.798	2328	2331	2335	rBV	513777	684037	4.06%	0.242%
85	15.833	2335	2337	2343	rVB	584086	790521	4.69%	0.280%
86	15.921	2346	2352	2356	rBV3	1016587	1677330	9.95%	0.593%
87	15.968	2356	2360	2361	rBV	474829	611428	3.63%	0.216%
88	16.045	2369	2373	2377	rVB	702789	939148	5.57%	0.332%
89	16.498	2446	2450	2457	rBV4	420393	786809	4.67%	0.278%
90	16.604	2463	2468	2471	rBV2	498814	879421	5.22%	0.311%
91	16.751	2490	2493	2496	rVV	470714	826689	4.90%	0.292%
92	16.798	2497	2501	2515	rVB2	730630	2298234	13.63%	0.813%
93	16.962	2520	2529	2534	rVV	2728363	5702069	33.82%	2.017%
94	17.015	2534	2538	2543	rVB3	374648	607749	3.60%	0.215%
95	17.115	2550	2555	2560	rVB	592398	993555	5.89%	0.351%
96	17.180	2561	2566	2572	rVV2	509969	982512	5.83%	0.348%
97	17.409	2595	2605	2614	rVB	2270846	5629716	33.39%	1.992%
98	17.521	2618	2624	2633	rVB7	489447	1291818	7.66%	0.457%
99	18.321	2754	2760	2778	rVB7	380712	1490661	8.84%	0.527%
100	18.551	2792	2799	2812	rVB7	411843	1287414	7.64%	0.455%

Sum of corrected areas: 282665197

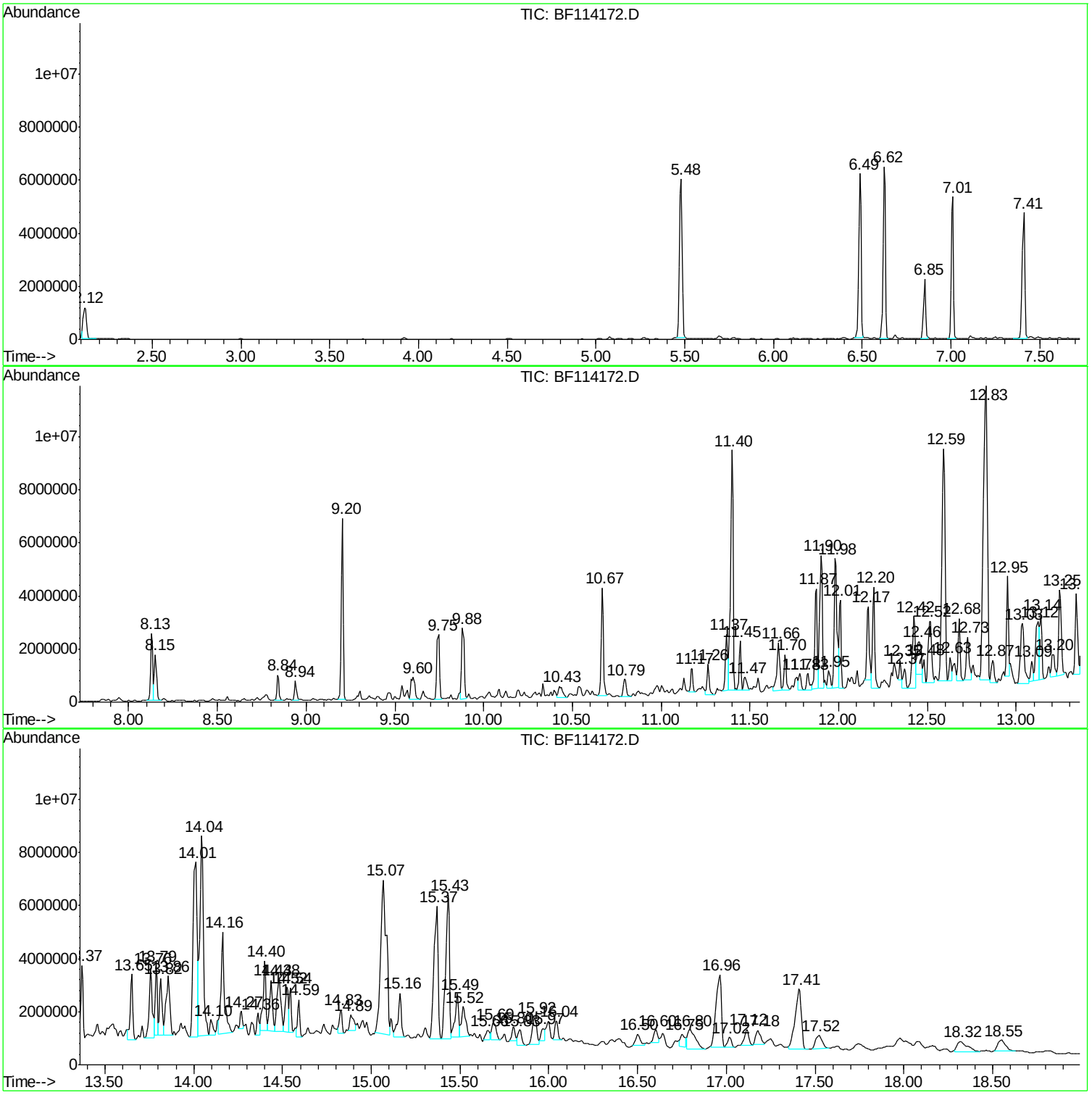
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114172.D
Acq On : 12 May 2019 00:00
Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114172.D
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Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

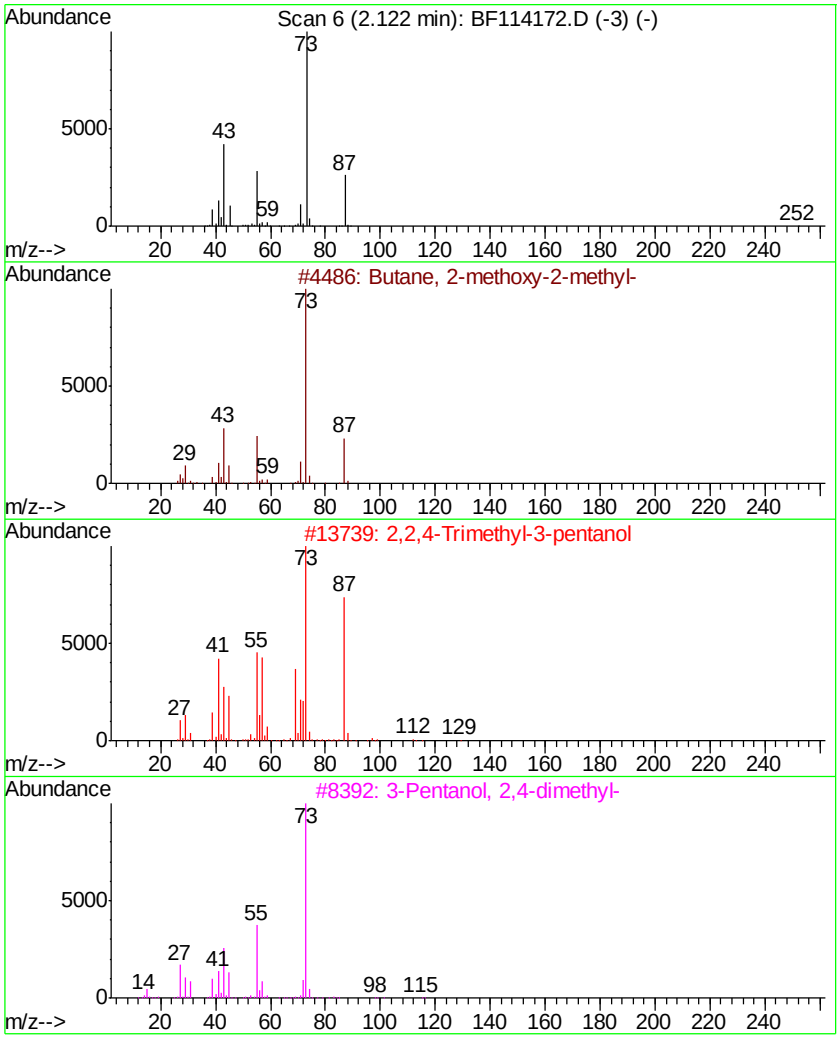
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

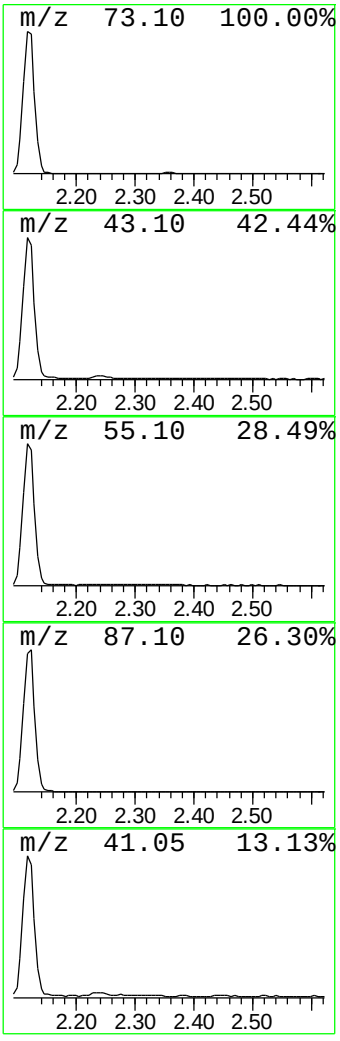
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	15.67 ng	1438380	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Data File : BF114172.D
Acq On : 12 May 2019 00:00
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

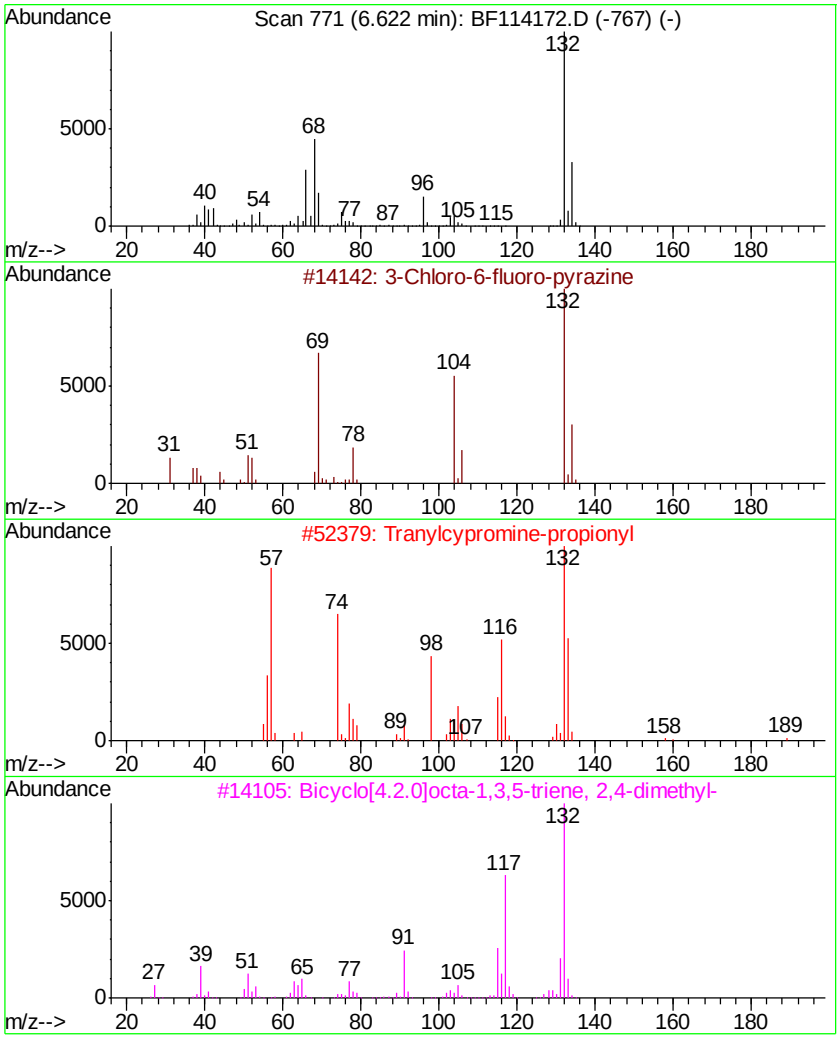
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

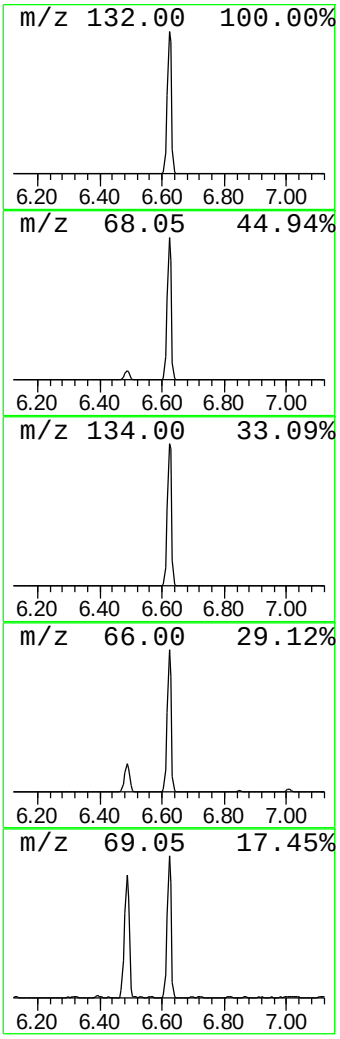
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	69.19 ng	6349430	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BF114172.D
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Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

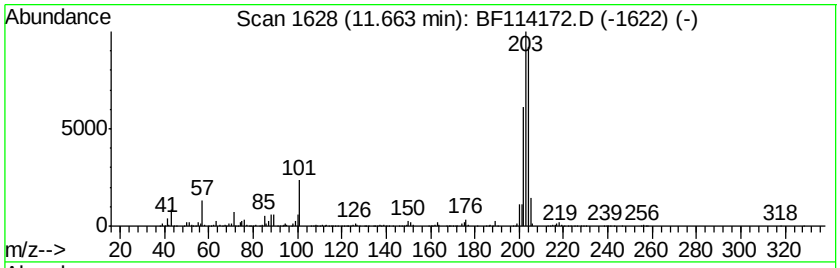
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

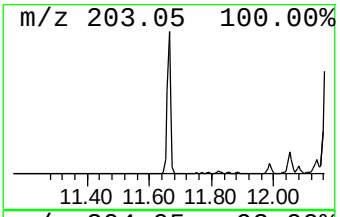
****

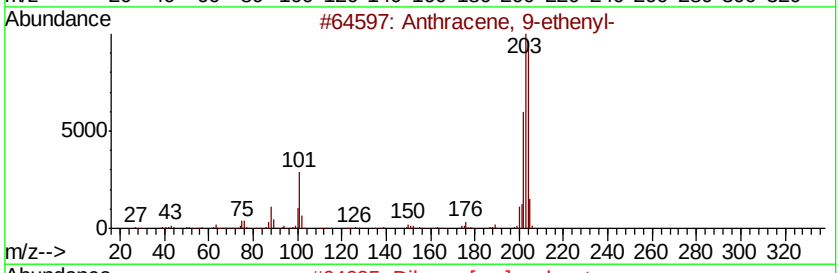
Peak Number 4 Anthracene, 9-ethenyl- Concentration Rank 15

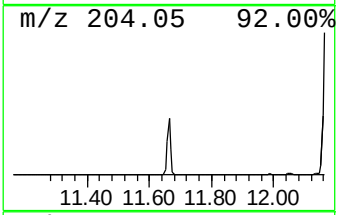
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	16.21 ng	1940730	Phenanthrene-d10	11.37

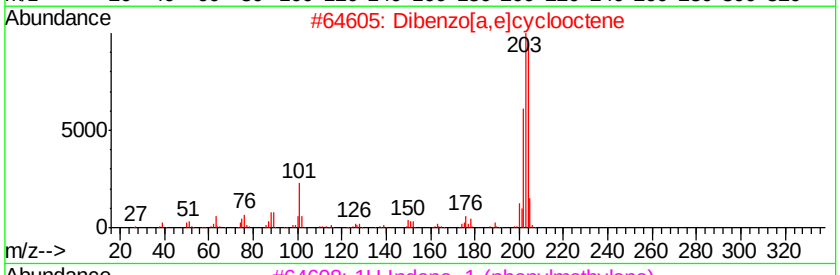
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
3	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	72
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68

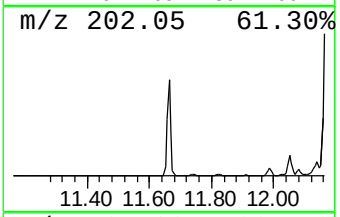


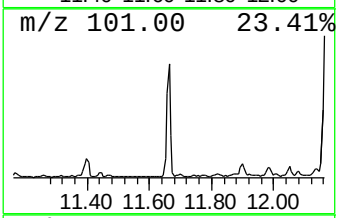


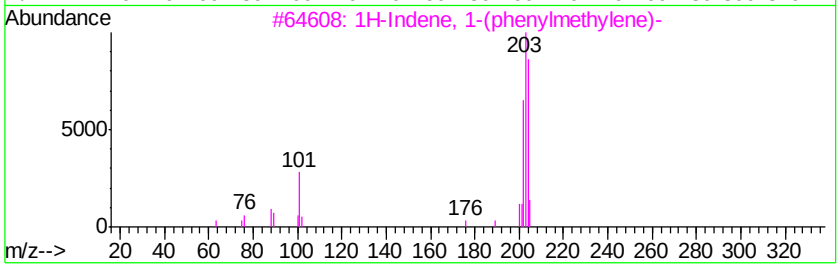


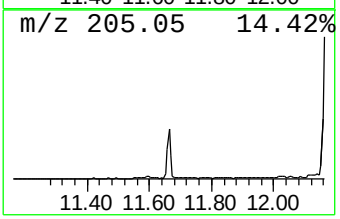












Library Search Compound Report

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Data File : BF114172.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

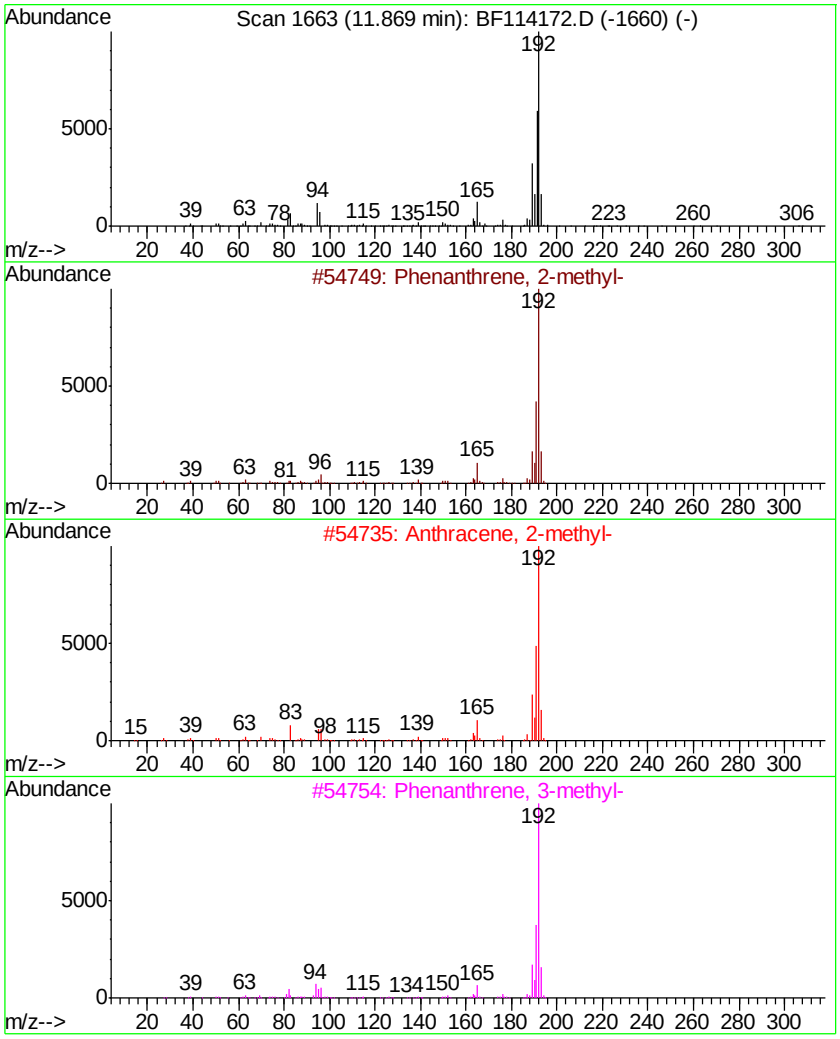
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

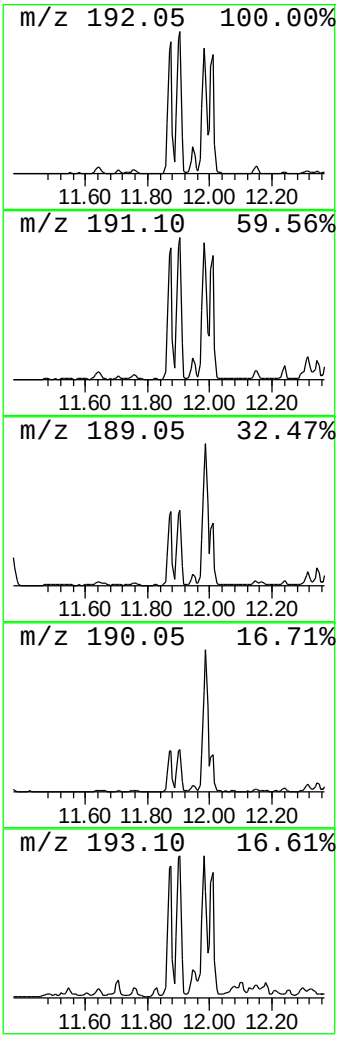
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	33.62 ng	4025410	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	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114172.D
Acq On : 12 May 2019 00:00
Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

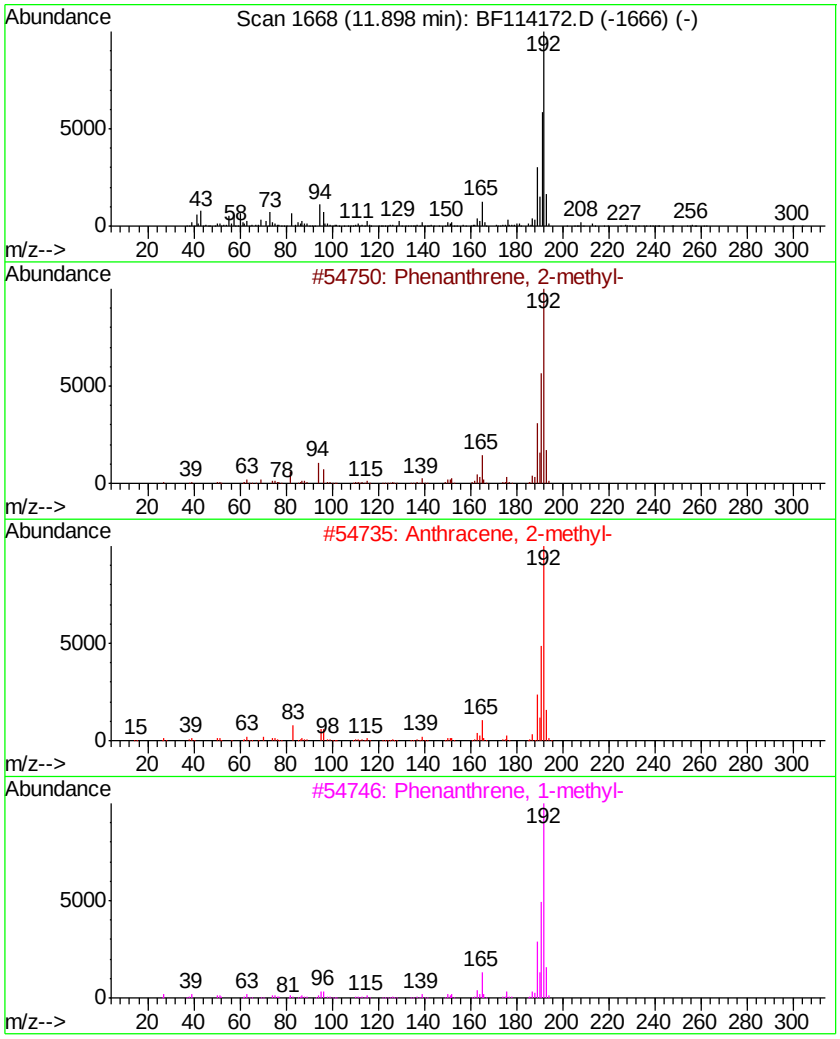
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

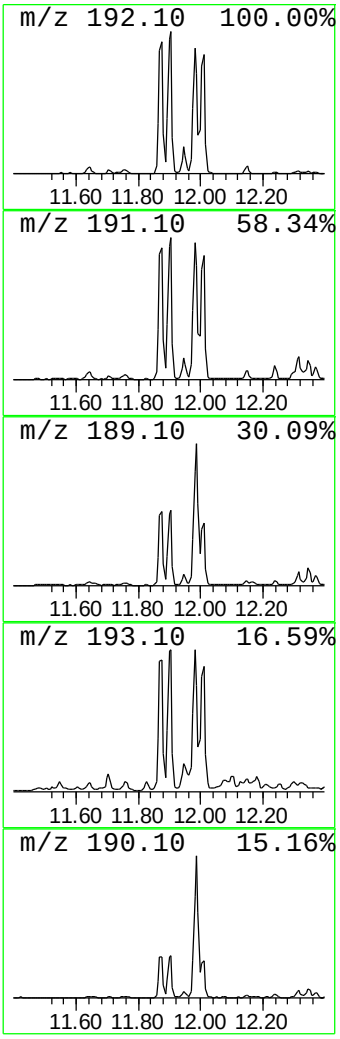
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	39.06 ng	4677040	Phenanthrene-d10	11.37

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





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Sample : K2764-16
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : P026-SS002-0002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

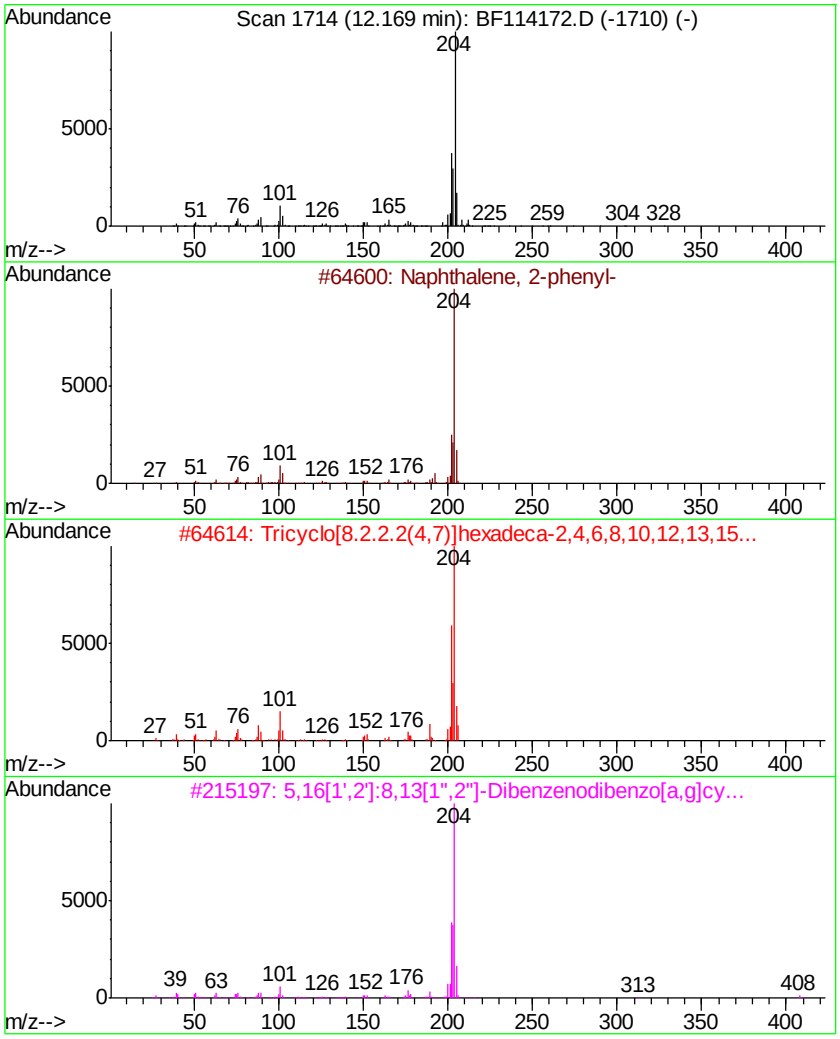
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

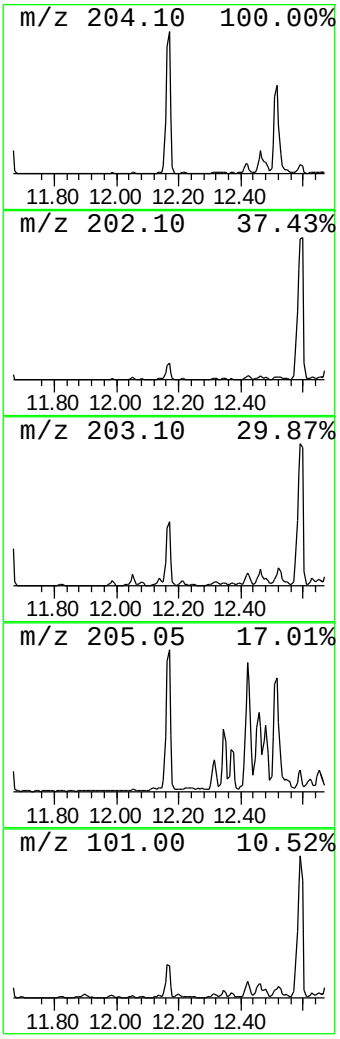
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	23.13 ng	2769100	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52





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Acq On : 12 May 2019 00:00
Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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

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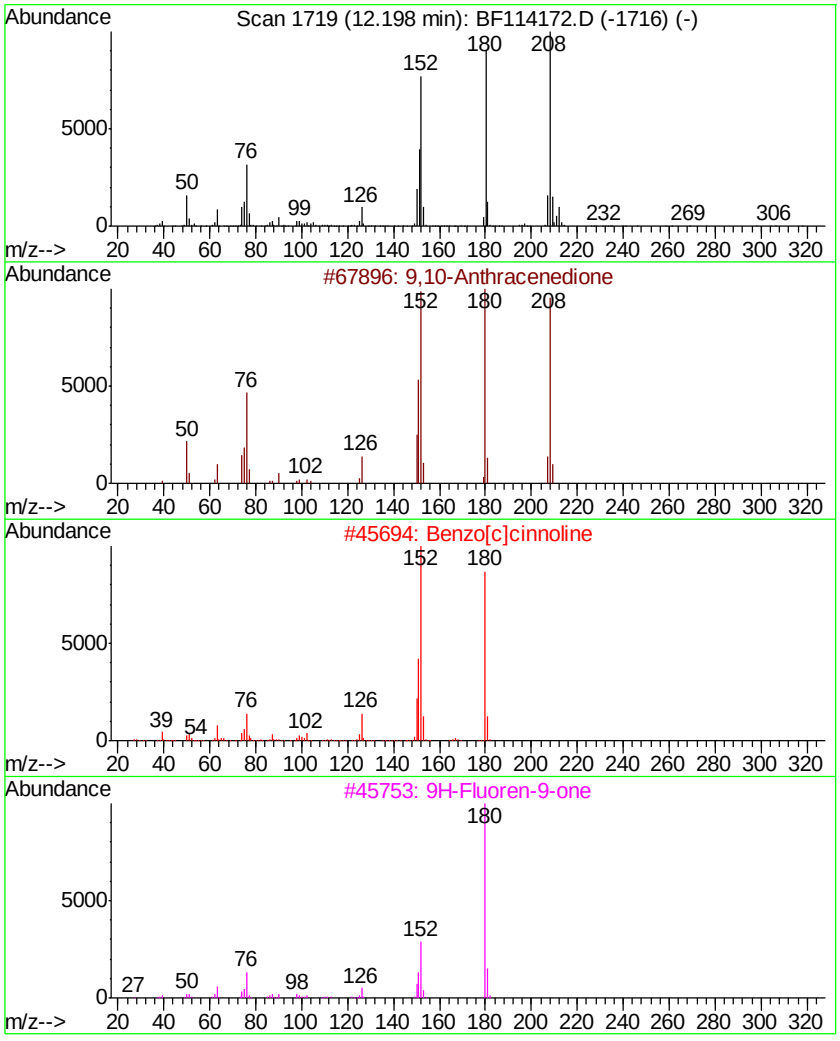
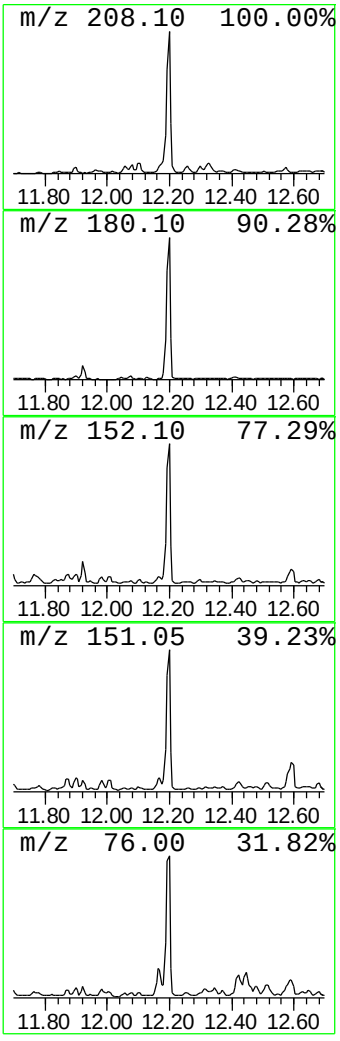
Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	30.14 ng	3608950	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	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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
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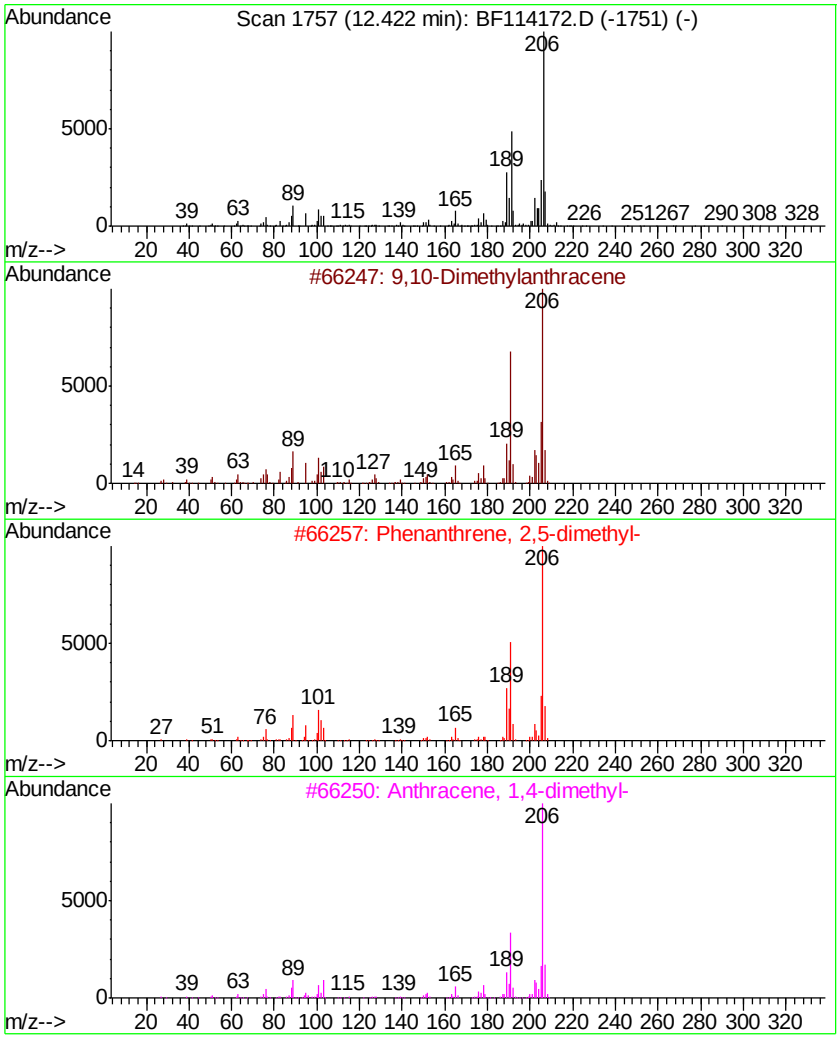
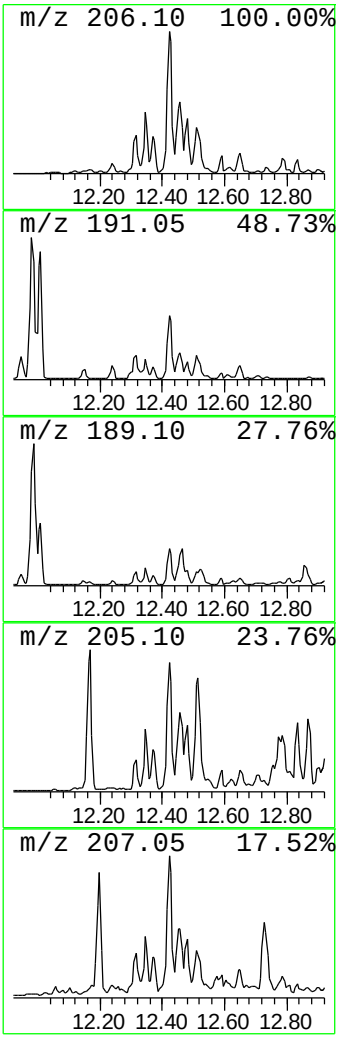
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	26.13 ng	3128020	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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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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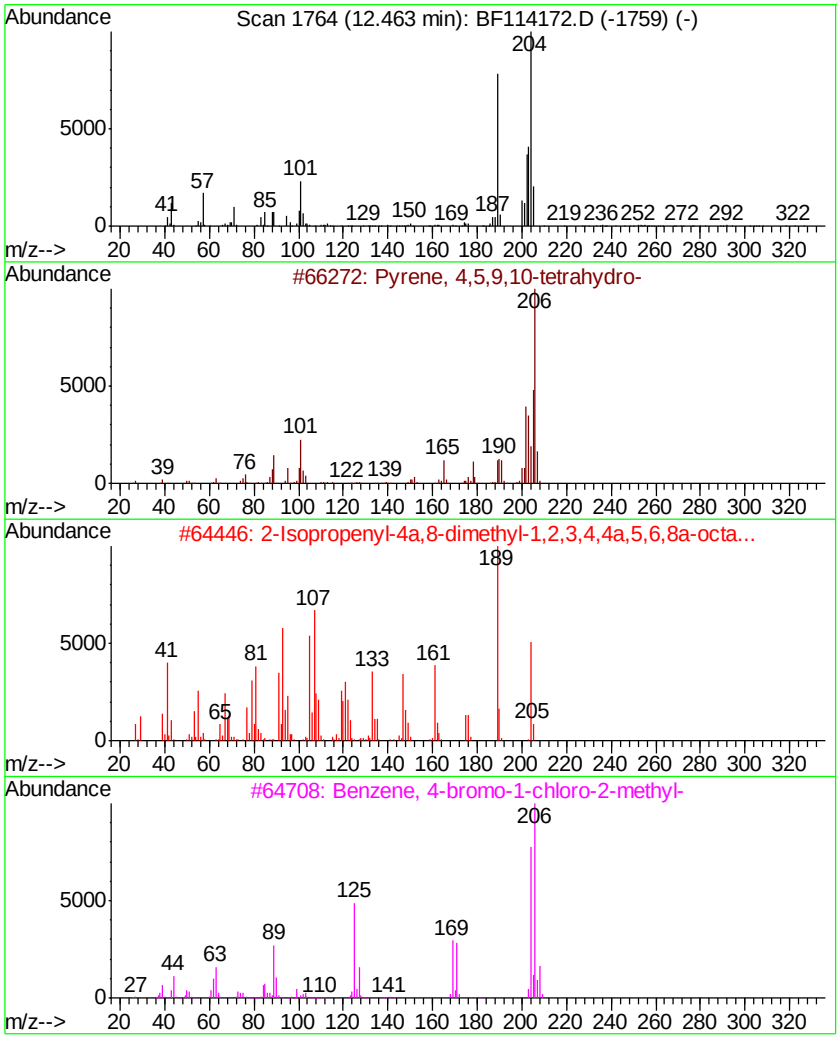
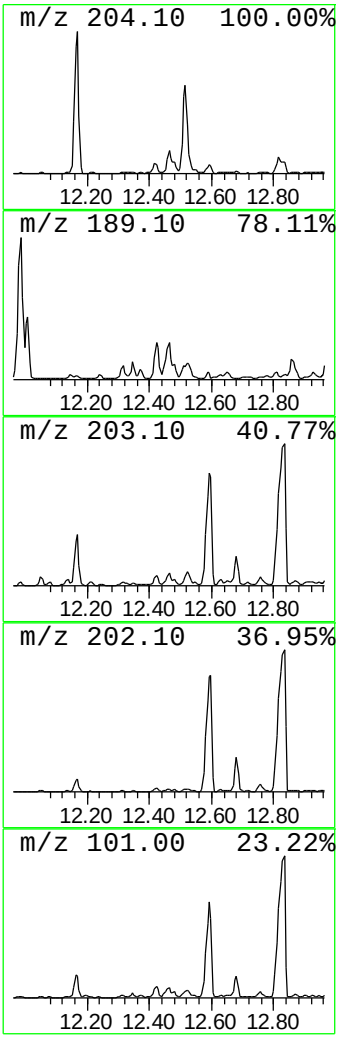
Peak Number 12 unknown12.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	15.64 ng	1872860	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	35
3	Benzene, 4-bromo-1-chloro-2-methyl-	204	C7H6BrCl	054932-72-8	35
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27





Library Search Compound Report

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Sample : K2764-16
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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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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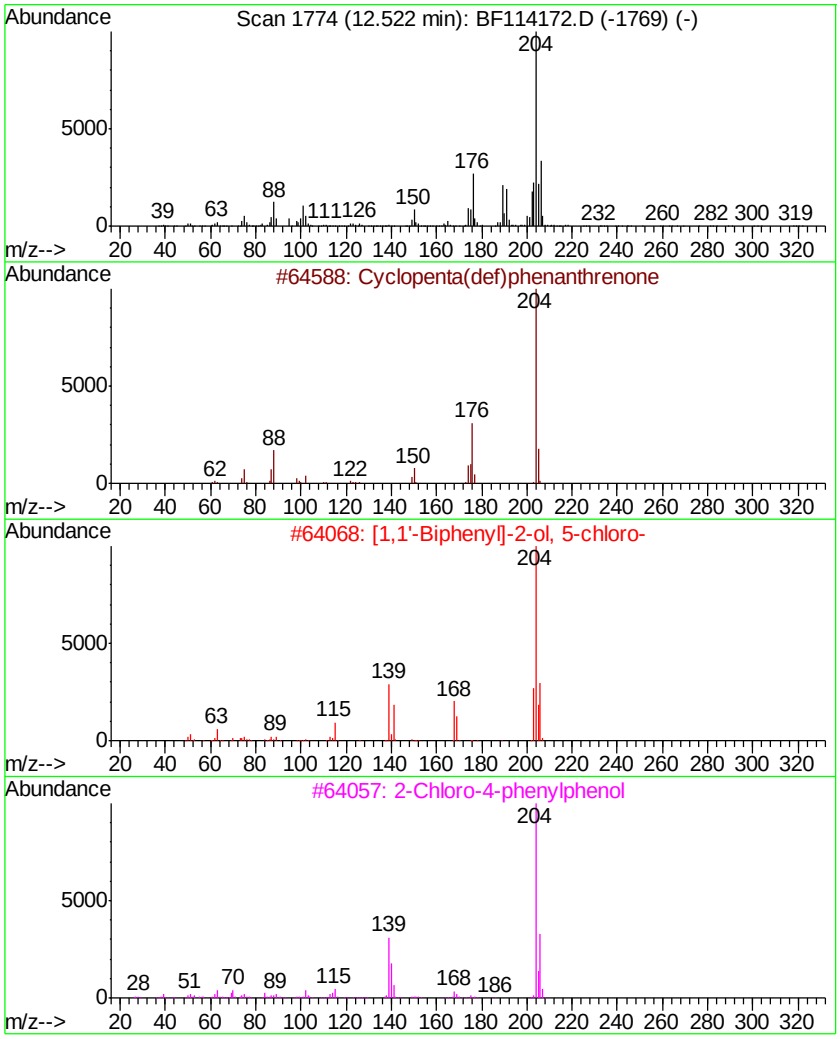
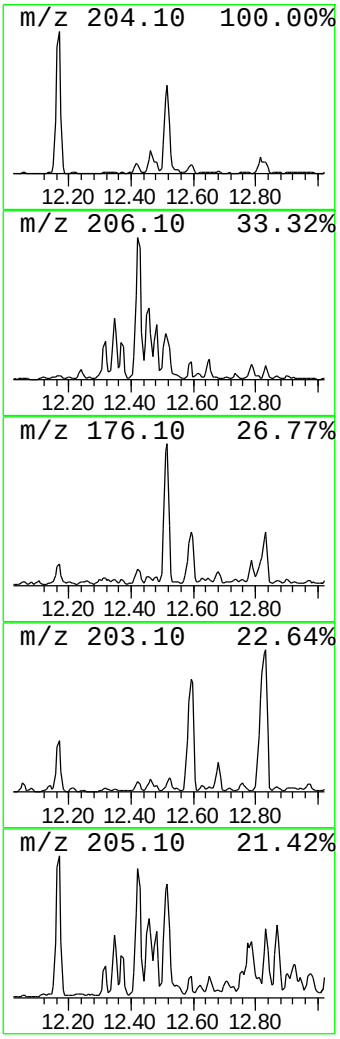
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	24.43 ng	2925120	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Library Search Compound Report

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Sample : K2764-16
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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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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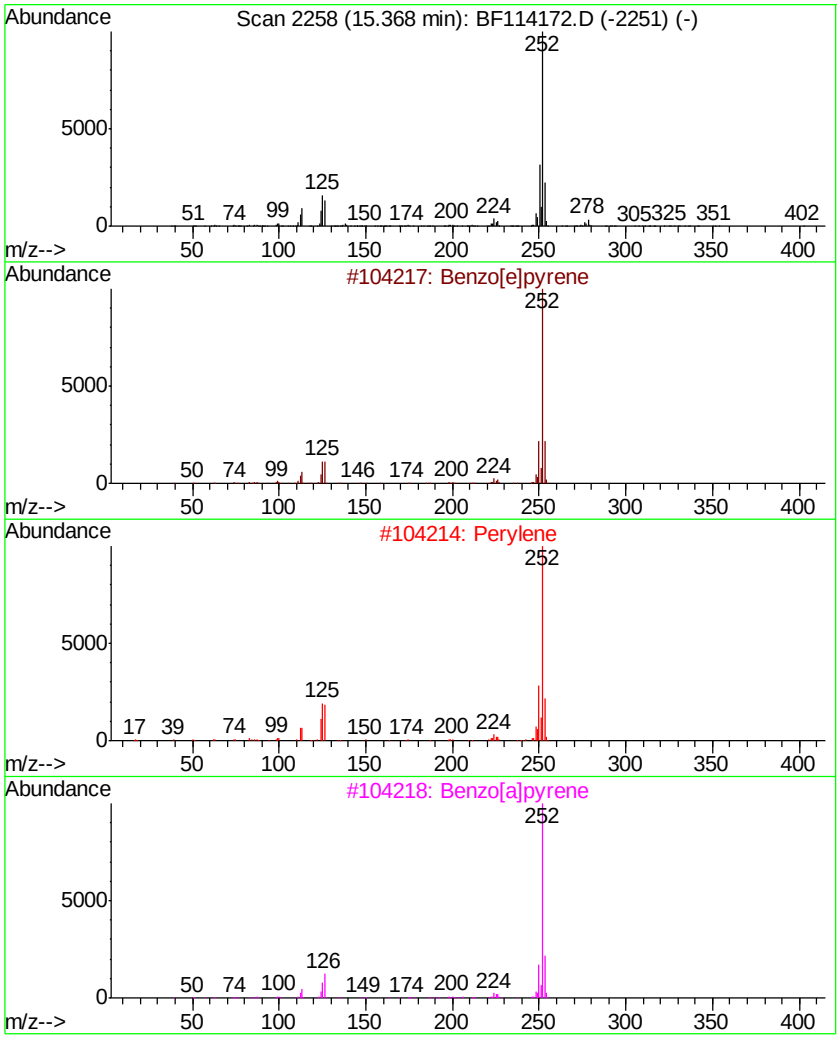
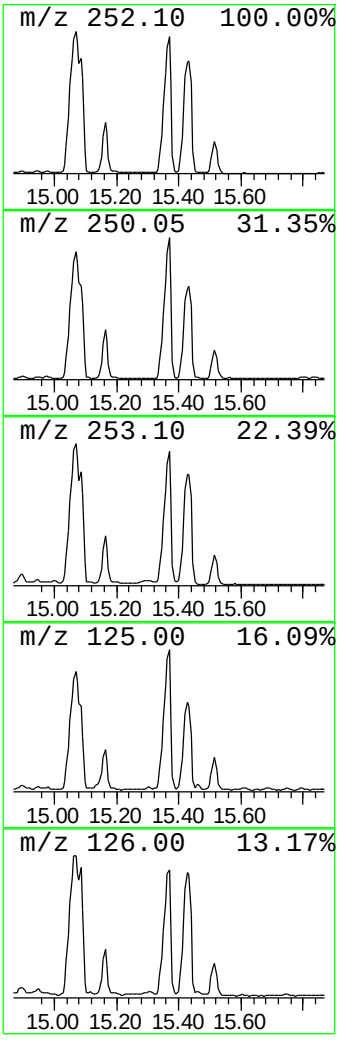
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	65.07 ng	7628280	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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Sample : K2764-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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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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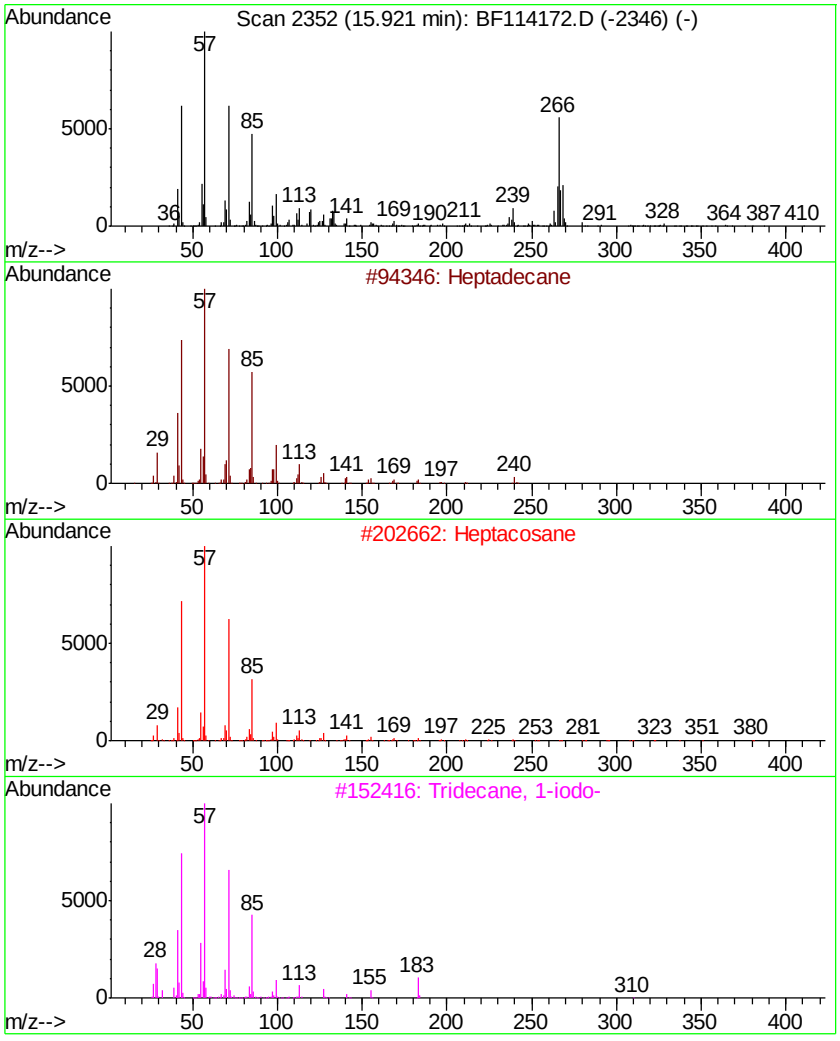
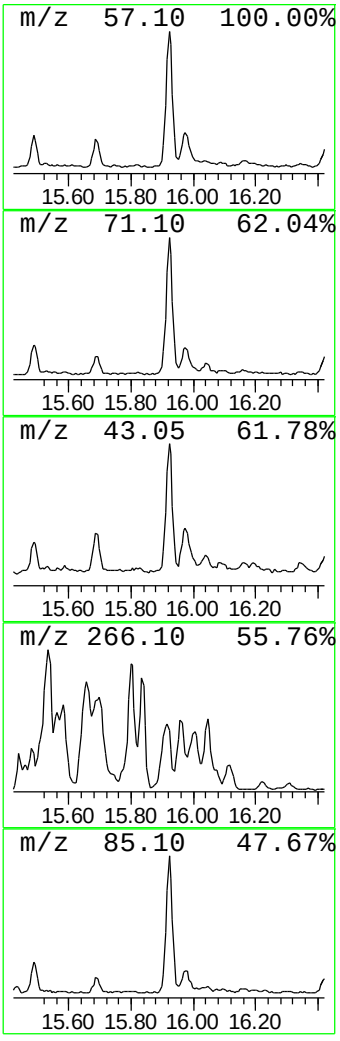
Peak Number 17 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	14.31 ng	1677330	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane	380	C27H56	000593-49-7	68
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	56
4	Nonadecane	268	C19H40	000629-92-5	50
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47





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Instrument : BNA_F
ClientSampleId : P026-SS002-0002-01

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TIC Integration Parameters: LSCINT.P

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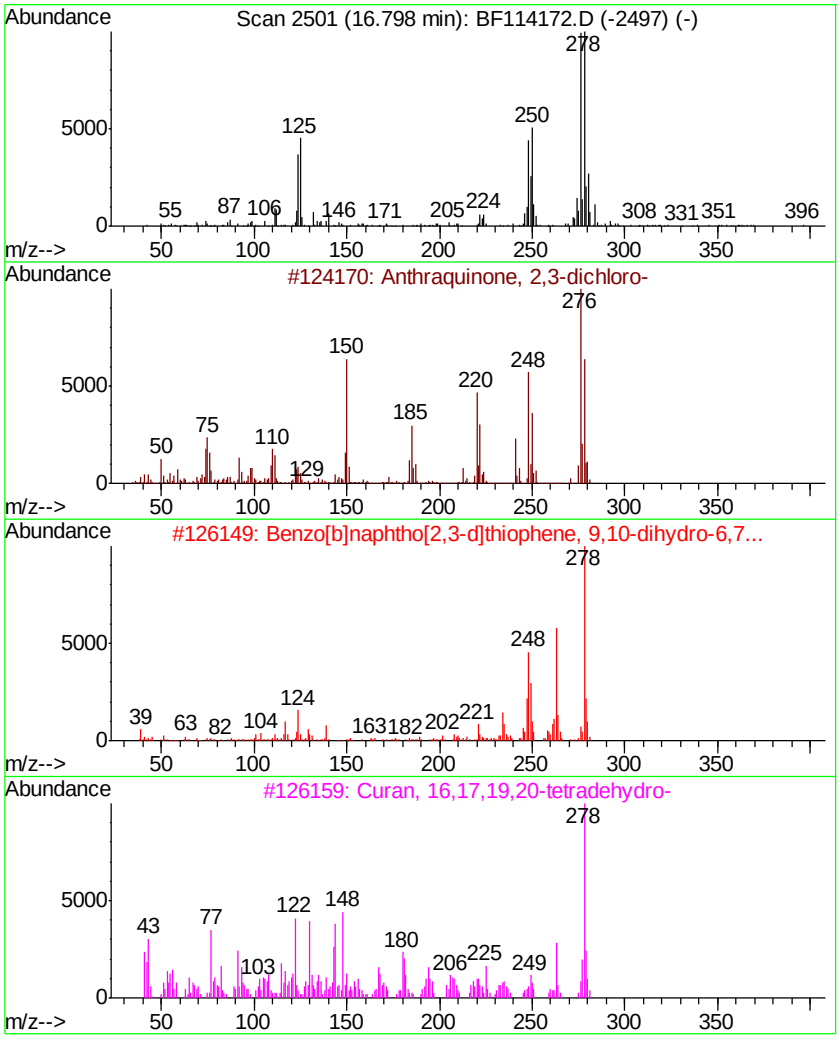
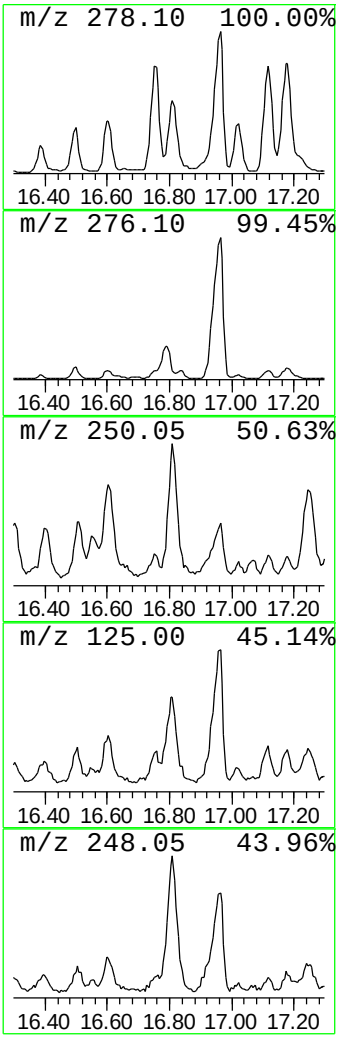
Peak Number 18 unknown16.80 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	19.60 ng	2298230	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	46
2	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	38
3	Curan, 16,17,19,20-tetradehydro-	278	C19H22N2	056053-17-9	35
4	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	30
5	Fenthion	278	C10H15O3PS2	000055-38-9	27





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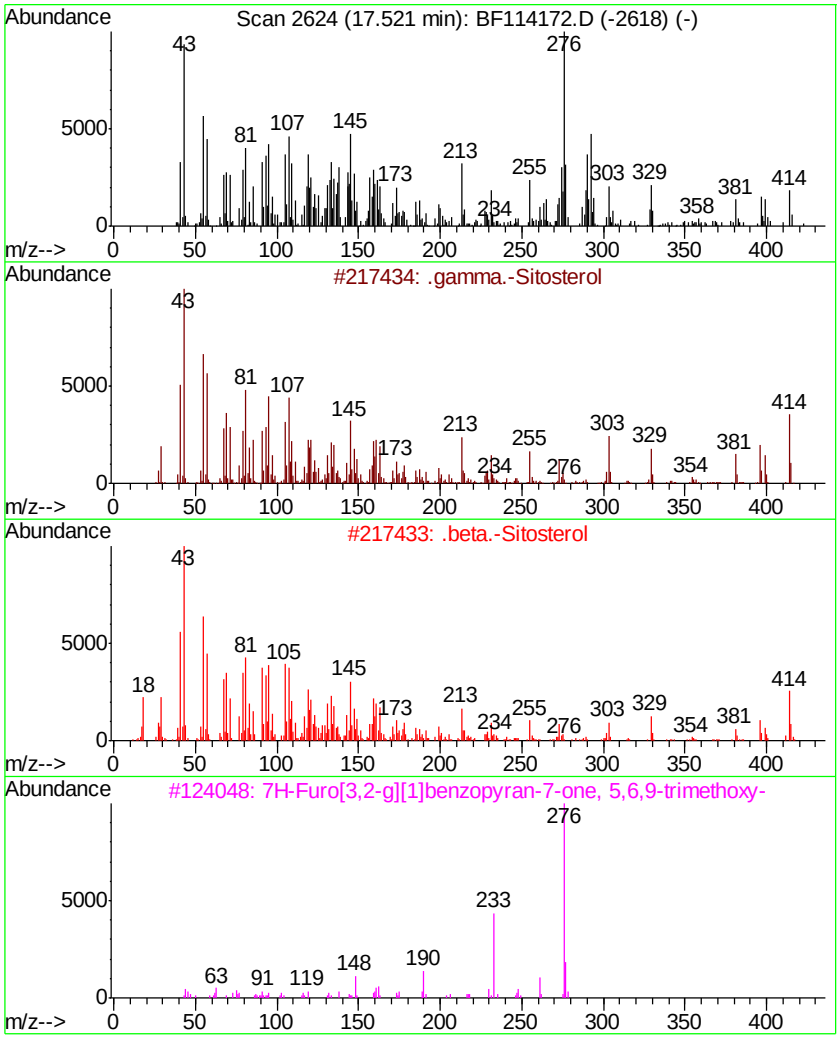
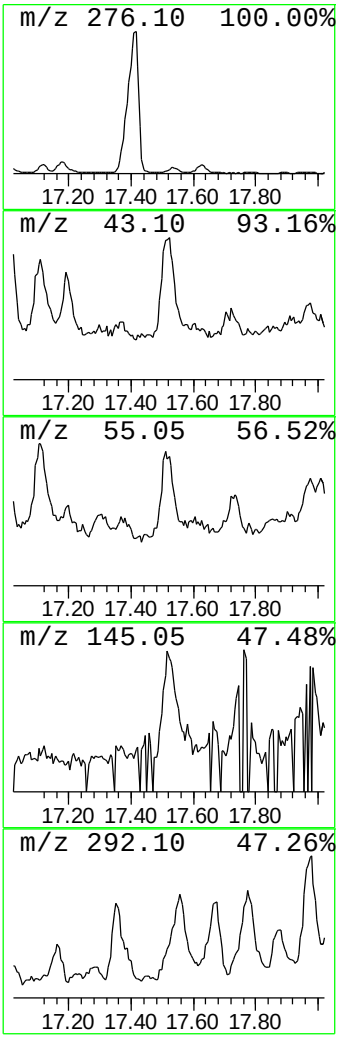
Peak Number 19 .gamma.-Sitosterol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	11.02 ng	1291820	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	7H-Furo[3,2-g][1]benzopyran-7-on...	276	C14H12O6	018646-72-5	35
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	35
5	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	35





Tentatively Identified Compound (LSC) summary

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Data File : BF114172.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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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...	2.12	15.7	ng	1438380	1	6.85	1835320	20.0
unknown6.62	6.62	69.2	ng	6349430	1	6.85	1835320	20.0
Anthracene, 9-eth...	11.66	16.2	ng	1940730	4	11.37	2394510	20.0
Phenanthrene, 2-m...	11.87	33.6	ng	4025410	4	11.37	2394510	20.0
Phenanthrene, 1-m...	11.90	39.1	ng	4677040	4	11.37	2394510	20.0
Naphthalene, 2-ph...	12.17	23.1	ng	2769100	4	11.37	2394510	20.0
9,10-Anthracenedione	12.20	30.1	ng	3608950	4	11.37	2394510	20.0
9,10-Dimethylanth...	12.42	26.1	ng	3128020	4	11.37	2394510	20.0
unknown12.46	12.46	15.6	ng	1872860	4	11.37	2394510	20.0
Cyclopenta(def)ph...	12.52	24.4	ng	2925120	4	11.37	2394510	20.0
Benzo[e]pyrene	15.37	65.1	ng	7628280	6	15.49	2344590	20.0
Heptadecane	15.92	14.3	ng	1677330	6	15.49	2344590	20.0
unknown16.80	16.80	19.6	ng	2298230	6	15.49	2344590	20.0
.gamma.-Sitosterol	17.52	11.0	ng	1291820	6	15.49	2344590	20.0