LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	572	576	580	rBV	5893894	5990164	90.46%	5.642%
2	6.487	743	748	751	rBV	6245825	6594791	99.59%	6.211%
3	6.622	767	771	775	rBV	6664756	6258348	94.51%	5.894%
4	6.851	806	810	813	rBV	1726164	1457378	22.01%	1.373%
5	7.010	832	837	840	rBV	5078209	4695154	70.90%	4.422%
6	7.410	900	905	908	rBV	4540510	4096049	61.85%	3.858%
7	8.128	1023	1027	1030	rBV	2215685	1851765	27.96%	1.744%
8	8.775	1131	1137	1143	rVB2	62507	112302	1.70%	0.106%
9	9.204	1205	1210	1213	rBV	7611736	6622231	100.00%	6.237%
10	9.592	1273	1276	1281	rBV	1160657	957955	14.47%	0.902%
11	9.739	1298	1301	1306	rBV	526824	463239	7.00%	0.436%
12	9.881	1319	1325	1329	rBV2	2370855	2061138	31.12%	1.941%
13	10.533	1430	1436	1441	rBV2	81067	106326	1.61%	0.100%
14	10.669	1455	1459	1463	rBV	4720543	4484861	67.72%	4.224%
15	10.798	1476	1481	1484	rBV3	126923	180181	2.72%	0.170%
16	11.128	1535	1537	1540	rVV	121646	86751	1.31%	0.082%
17	11.263	1557	1560	1565	rVB	118182	129513	1.96%	0.122%
18	11.369	1574	1578	1580	rBV	2337706	2302416	34.77%	2.169%
19	11.386	1580	1581	1588	rVV	1039542	825476	12.47%	0.777%
20	11.439	1588	1590	1593	rVV	265934	200208	3.02%	0.189%
21	11.469	1593	1595	1599	rVV3	89463	101244	1.53%	0.095%
22	11.657	1625	1627	1630	rVB	210643	184740	2.79%	0.174%
23	11.698	1631	1634	1637	rVB	114824	90251	1.36%	0.085%
24	11.822	1651	1655	1658	rBV	107529	136572	2.06%	0.129%
25	11.869	1660	1663	1664	rVV	451724	414898	6.27%	0.391%
26	11.892	1664	1667	1673	rVV	1427181	1407464	21.25%	1.326%
27	11.939	1673	1675	1678	rVV	127900	149415	2.26%	0.141%
28	11.975	1678	1681	1684	rVV2	709451	789915	11.93%	0.744%
29	11.998	1684	1685	1690	rVB	401741	331217	5.00%	0.312%
30	12.163	1709	1713	1715	rVV	394056	402615	6.08%	0.379%
31	12.186	1715	1717	1721	rVB2	460648	374829	5.66%	0.353%
32	12.239	1724	1726	1732	rVB5	55193	91050	1.37%	0.086%
33	12.292	1732	1735	1736	rBV	109033	89879	1.36%	0.085%
34	12.345	1741	1744	1746	rBV2	149756	124008	1.87%	0.117%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	12.363	1746	1747	1750	rVB	135026	106814	1.61%	0.101%
36	12.416	1750	1756	1759	rBV	698375	800672	12.09%	0.754%
37	12.451	1759	1762	1764	rVV2	312679	305095	4.61%	0.287%
38	12.474	1764	1766	1768	rVB	228153	159415	2.41%	0.150%
39	12.504	1768	1771	1775	rBV3	424941	514915	7.78%	0.485%
40	12.580	1778	1784	1787	rBV	2367785	2274216	34.34%	2.142%
41	12.674	1797	1800	1803	rBV	614062	552734	8.35%	0.521%
42	12.704	1803	1805	1808	rVB	166446	134783	2.04%	0.127%
43	12.745	1808	1812	1818	rVB3	282823	403156	6.09%	0.380%
44	12.810	1818	1823	1828	rBV	3916996	3849356	58.13%	3.626%
45	12.863	1828	1832	1836	rVB2	237169	278765	4.21%	0.263%
46	12.951	1843	1847	1850	rBV	6561445	6117554	92.38%	5.762%
47	13.022	1856	1859	1866	rBV2	507193	798120	12.05%	0.752%
48	13.080	1866	1869	1871	rBV3	135249	113336	1.71%	0.107%
49	13.116	1871	1875	1876	rBV2	463524	574426	8.67%	0.541%
50	13.180	1883	1886	1887	rBV2	116783	93389	1.41%	0.088%
51	13.198	1887	1889	1893	rVV	156797	144153	2.18%	0.136%
52	13.239	1893	1896	1899	rVV	704873	576448	8.70%	0.543%
53	13.333	1909	1912	1914	rBV	615994	555646	8.39%	0.523%
54	13.363	1914	1917	1920	rVB	532250	452212	6.83%	0.426%
55	13.451	1929	1932	1934	rVB	144505	137706	2.08%	0.130%
56	13.510	1939	1942	1943	rBV2	94125	109322	1.65%	0.103%
57	13.639	1961	1964	1969	rVB	454807	484665	7.32%	0.456%
58	13.704	1973	1975	1977	rVV	139788	120107	1.81%	0.113%
59	13.751	1977	1983	1986	rVV3	440081	720782	10.88%	0.679%
60	13.780	1986	1988	1990	rVV	542057	442096	6.68%	0.416%
61	13.804	1990	1992	1995	rVV	505840	434370	6.56%	0.409%
62	13.845	1995	1999	2007	rVB3	659209	972198	14.68%	0.916%
63	13.998	2020	2025	2028	rBV2	2537290	3820210	57.69%	3.598%
64	14.027	2028	2030	2035	rVB	1944918	1829220	27.62%	1.723%
65	14.086	2038	2040	2044	rBV2	114020	117693	1.78%	0.111%
66	14.127	2044	2047	2048	rBV	151173	137735	2.08%	0.130%
67	14.145	2048	2050	2052	rBV	438002	378727	5.72%	0.357%
68	14.257	2067	2069	2072	rVB2	188553	179795	2.72%	0.169%
69	14.351	2083	2085	2087	rBV	197531	174677	2.64%	0.165%
70	14.392	2087	2092	2095	rVV	610571	818512	12.36%	0.771%
71	14.421	2095	2097	2101	rVV2	495281	523721	7.91%	0.493%

LSC Area Percent Report

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Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	14.468	2101	2105	2110	rVV3	536452	854567	12.90%	0.805%
73	14.516	2110	2113	2115	rVV3	372357	425697	6.43%	0.401%
74	14.533	2115	2116	2119	rVV	325706	264939	4.00%	0.250%
75	14.586	2122	2125	2128	rVB	260285	235640	3.56%	0.222%
76	14.751	2150	2153	2155	rVV2	192822	213326	3.22%	0.201%
77	14.774	2155	2157	2160	rVV	342969	320167	4.83%	0.302%
78	14.804	2160	2162	2167	rVB2	299192	315662	4.77%	0.297%
79	14.851	2167	2170	2183	rBV2	658157	1052440	15.89%	0.991%
80	14.951	2183	2187	2196	rVB5	223223	427068	6.45%	0.402%
81	15.045	2198	2203	2210	rVV	1762488	3265428	49.31%	3.076%
82	15.110	2211	2214	2217	rVV	278107	278266	4.20%	0.262%
83	15.151	2217	2221	2227	rVB	393431	482644	7.29%	0.455%
84	15.345	2249	2254	2259	rVB	1695009	2016759	30.45%	1.899%
85	15.404	2259	2264	2269	rBV	1742460	2123403	32.06%	2.000%
86	15.468	2269	2275	2287	rBV2	1497168	2655746	40.10%	2.501%
87	15.639	2300	2304	2307	rBV2	108125	181117	2.73%	0.171%
88	15.786	2325	2329	2332	rBV	119130	172656	2.61%	0.163%
89	15.815	2332	2334	2340	rVB	134630	177640	2.68%	0.167%
90	15.915	2348	2351	2358	rVB2	134932	198308	2.99%	0.187%
91	15.986	2360	2363	2366	rVB2	132399	163934	2.48%	0.154%
92	16.021	2366	2369	2374	rBV2	135629	186123	2.81%	0.175%
93	16.486	2444	2448	2453	rBV3	86735	140936	2.13%	0.133%
94	16.592	2461	2466	2478	rVB4	249172	623904	9.42%	0.588%
95	16.774	2493	2497	2508	rVB4	291683	593166	8.96%	0.559%
96	16.927	2516	2523	2531	rVB2	950871	1813835	27.39%	1.708%
97	17.004	2532	2536	2541	rBV3	87530	145050	2.19%	0.137%
98	17.098	2547	2552	2556	rBV2	146492	268878	4.06%	0.253%
99	17.157	2558	2562	2567	rVV2	147404	262950	3.97%	0.248%
100	17.368	2591	2598	2610	rVB	962568	1942239	29.33%	1.829%

Sum of corrected areas: 106173572

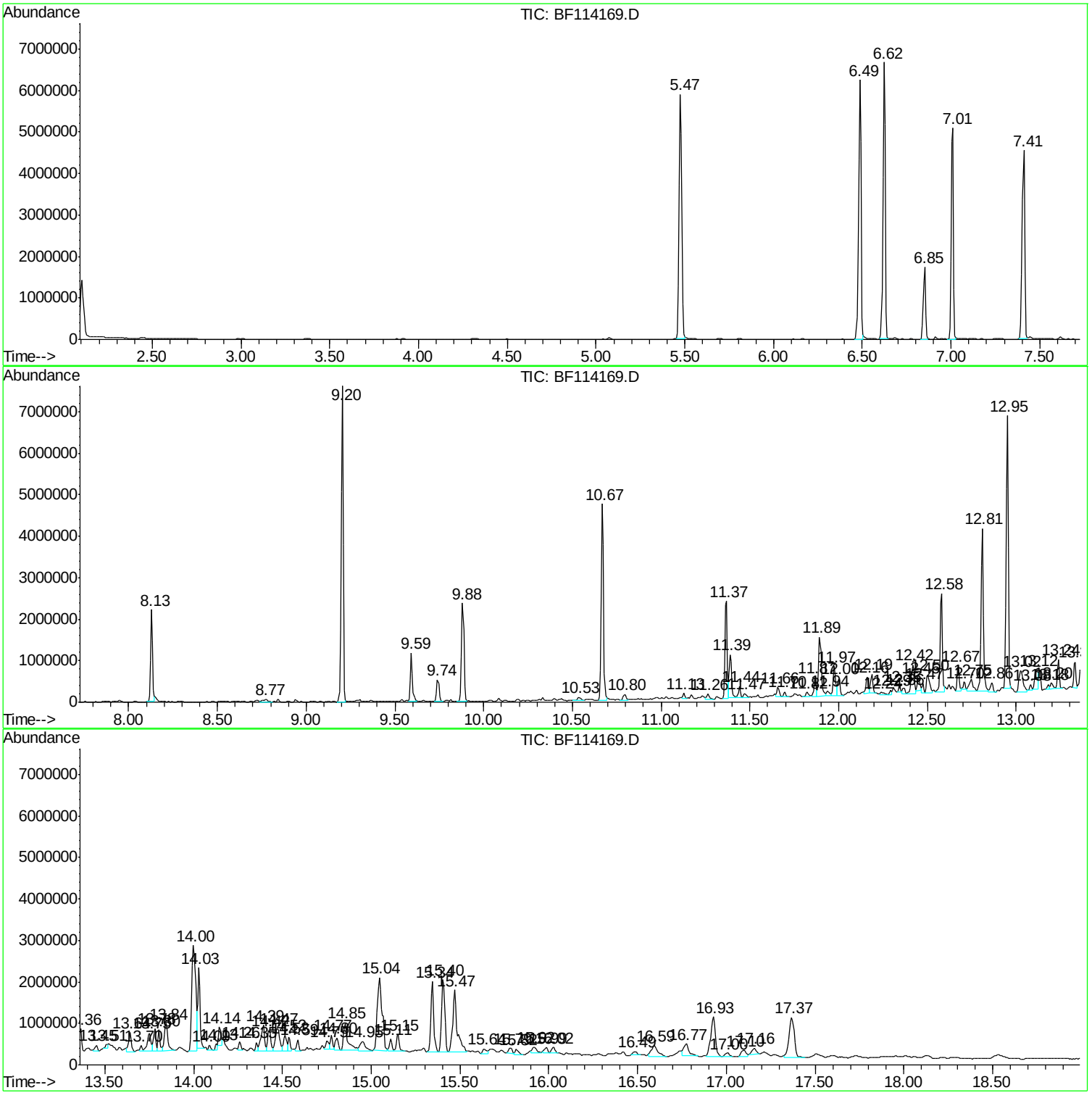
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
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Sample : K2765-09
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

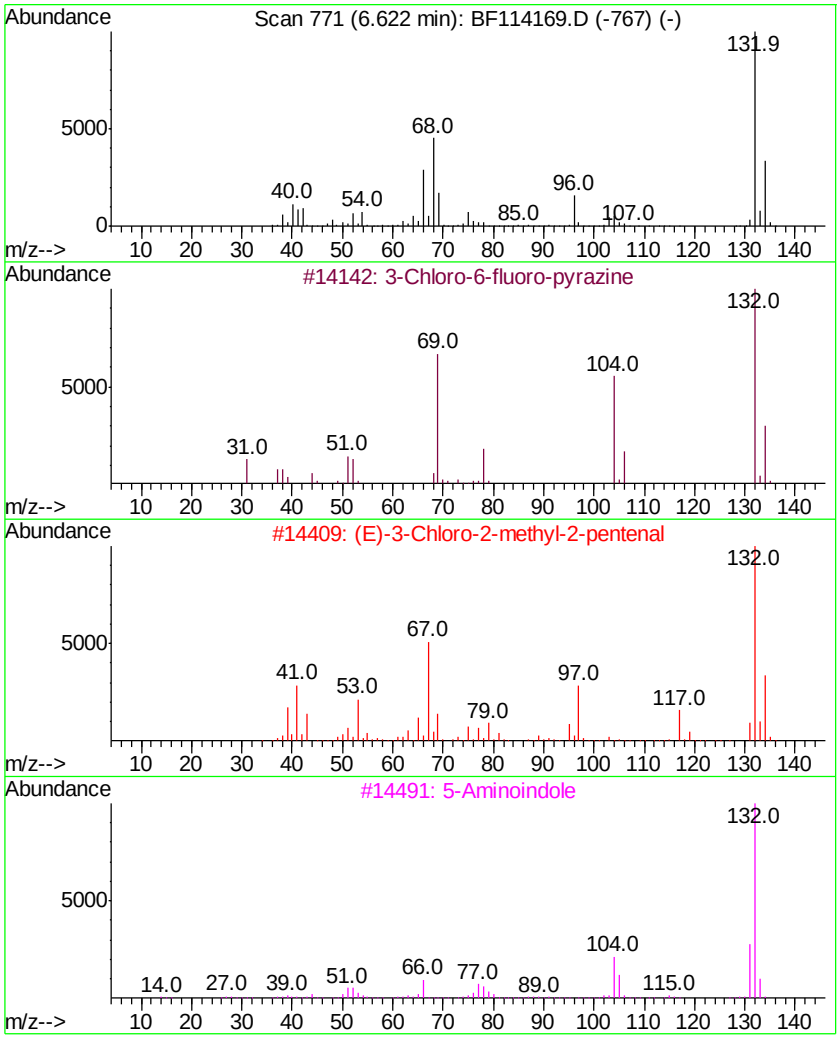
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

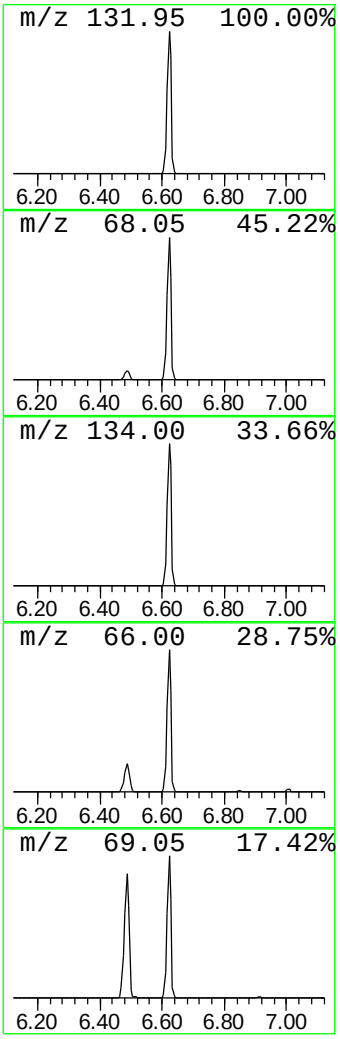
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	85.89 ng	6258350	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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

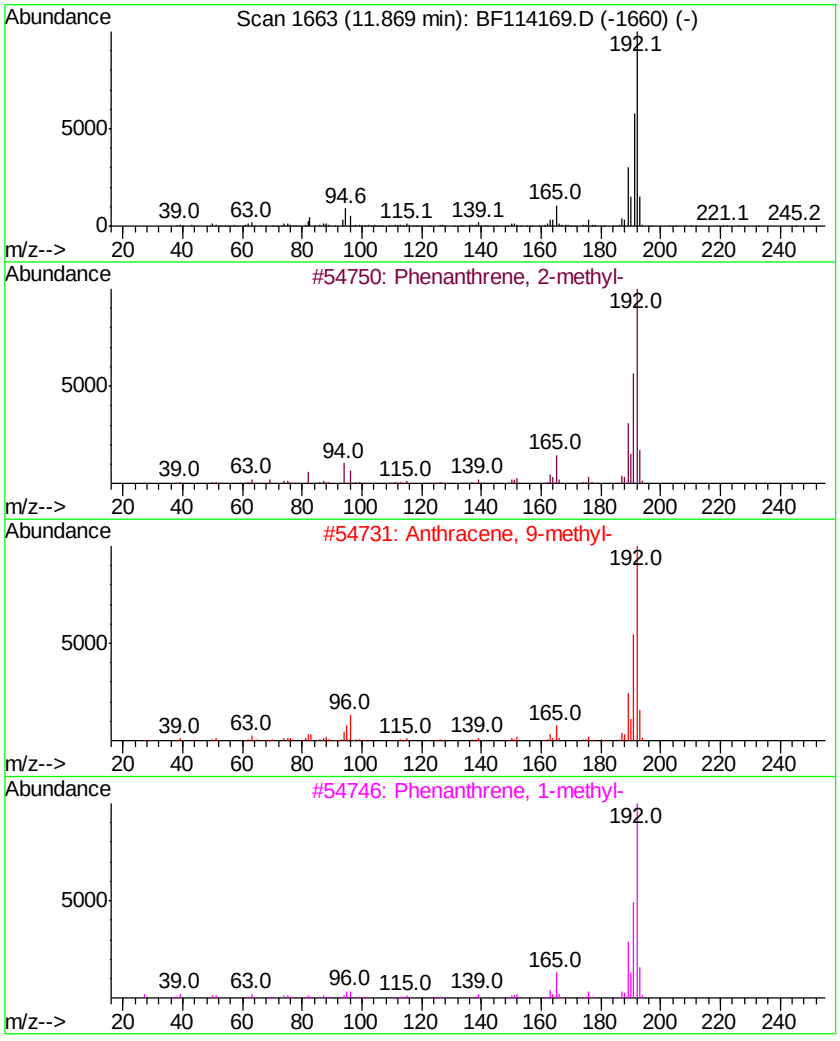
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

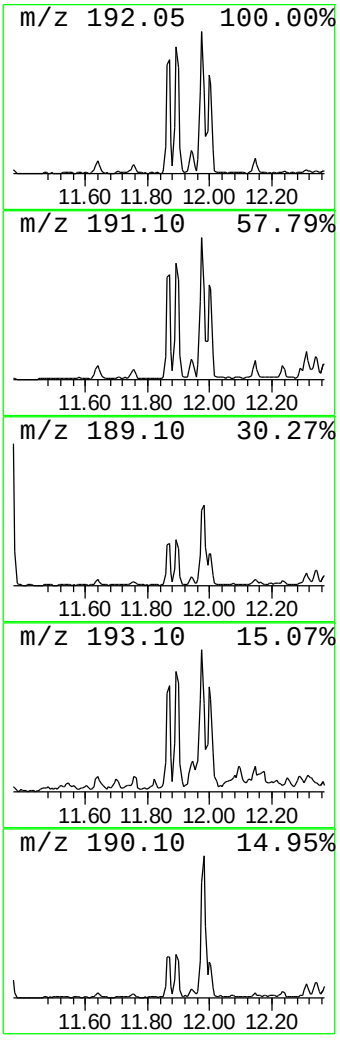
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.60 ng	414898	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

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

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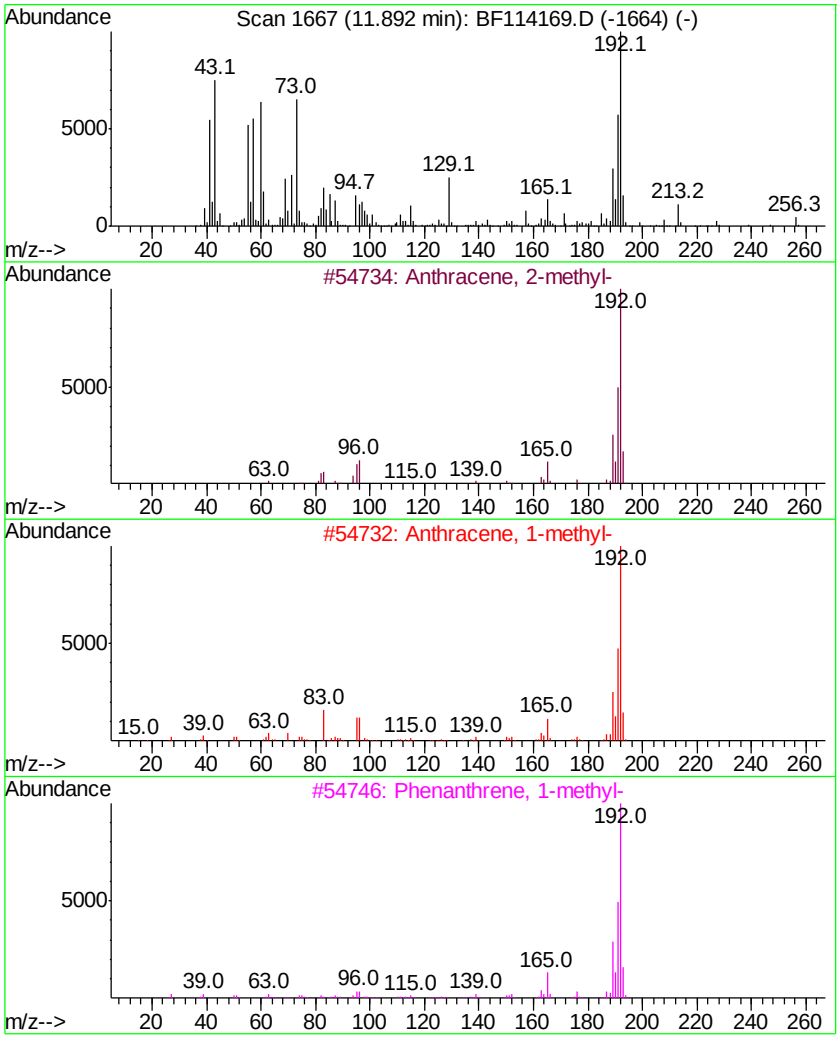
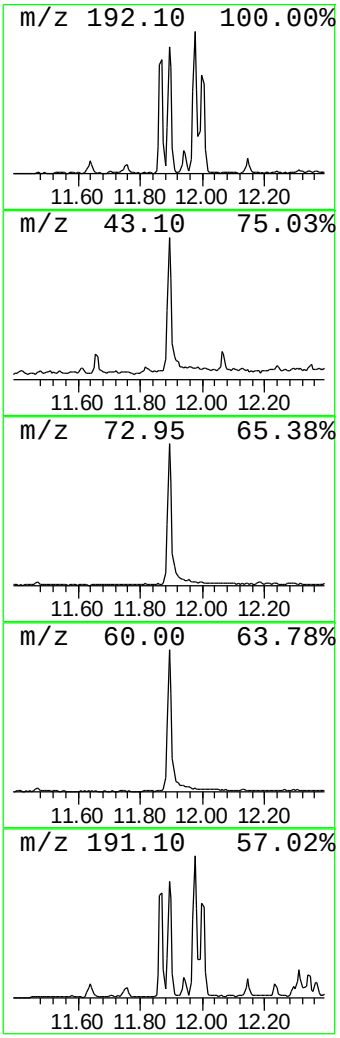
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.23 ng	1407460	Phenanthrene-d10	11.37

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

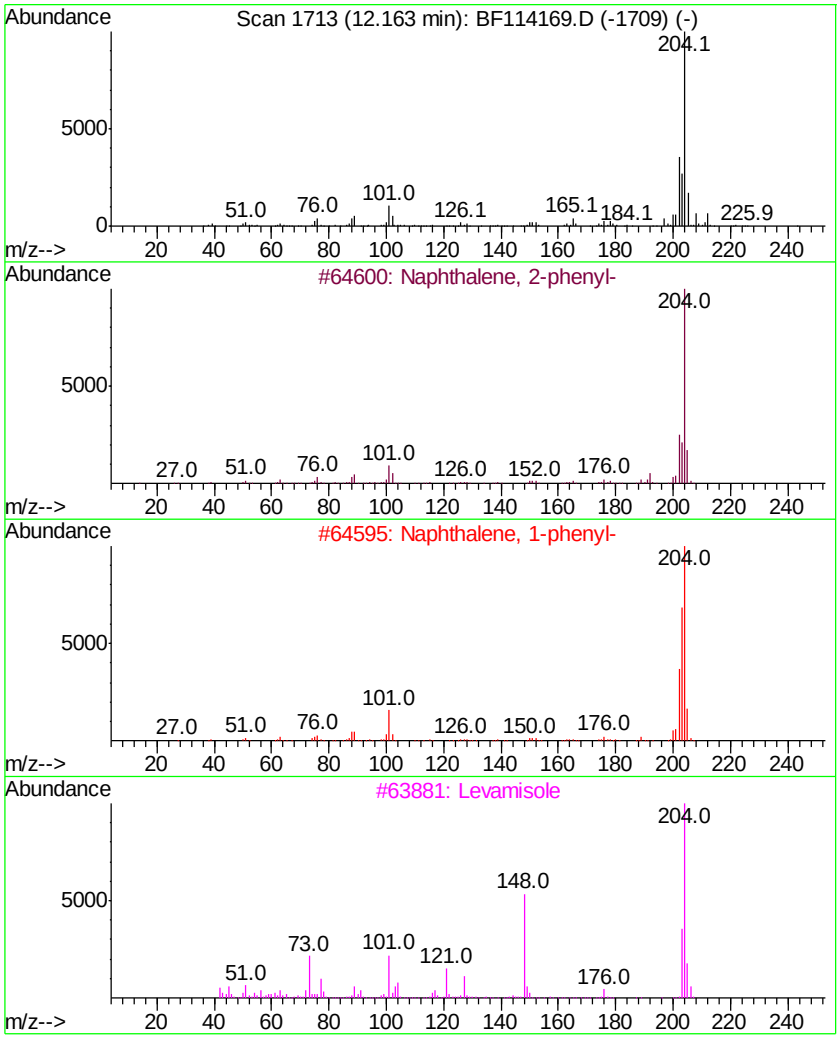
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

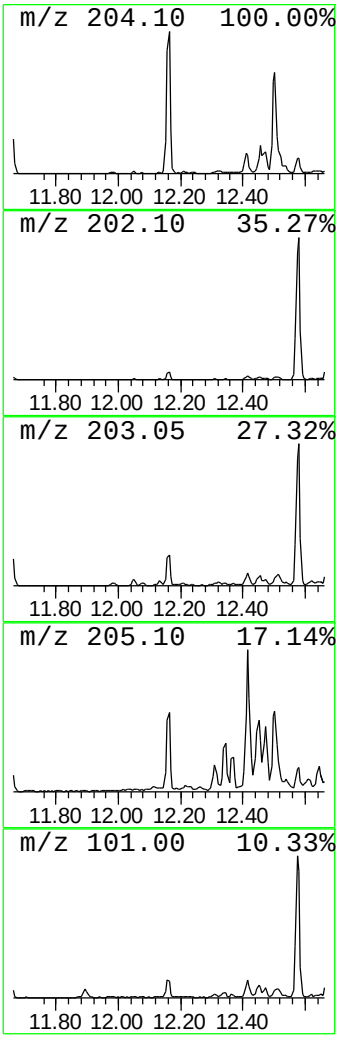
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.50 ng	402615	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
3	Levamisole	204	C11H12N2S	014769-73-4	52
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

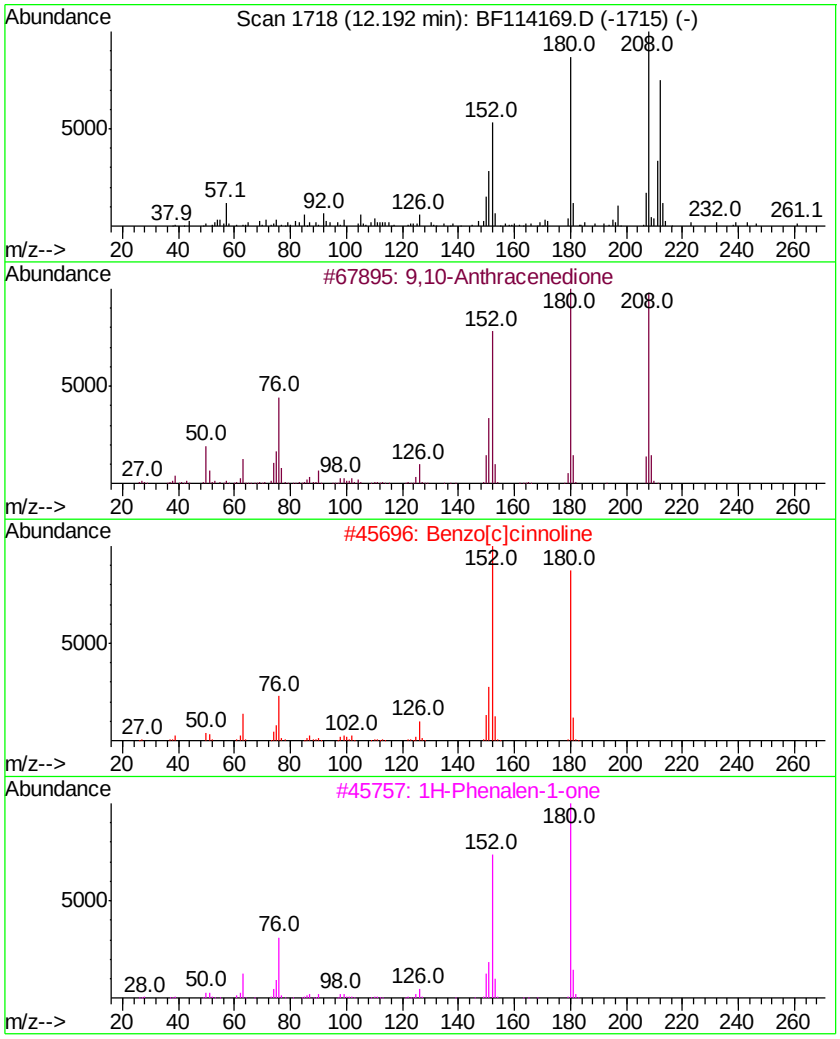
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

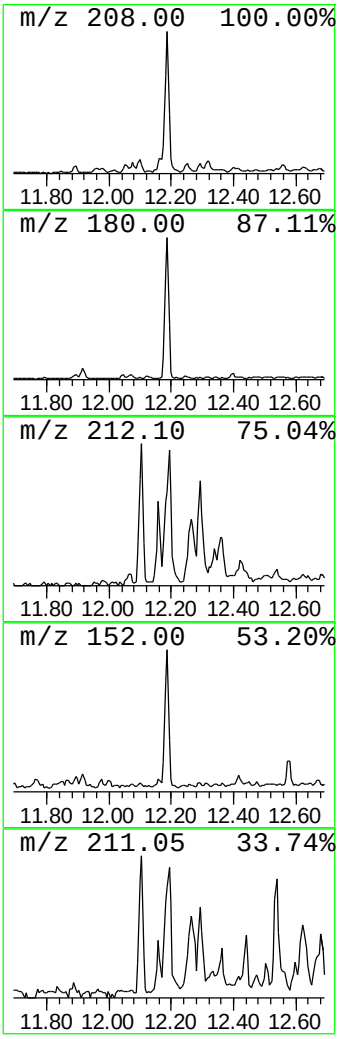
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.26 ng	374829	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





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Sample : K2765-09
Misc :
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ClientSampleId : P026-SS004-0206-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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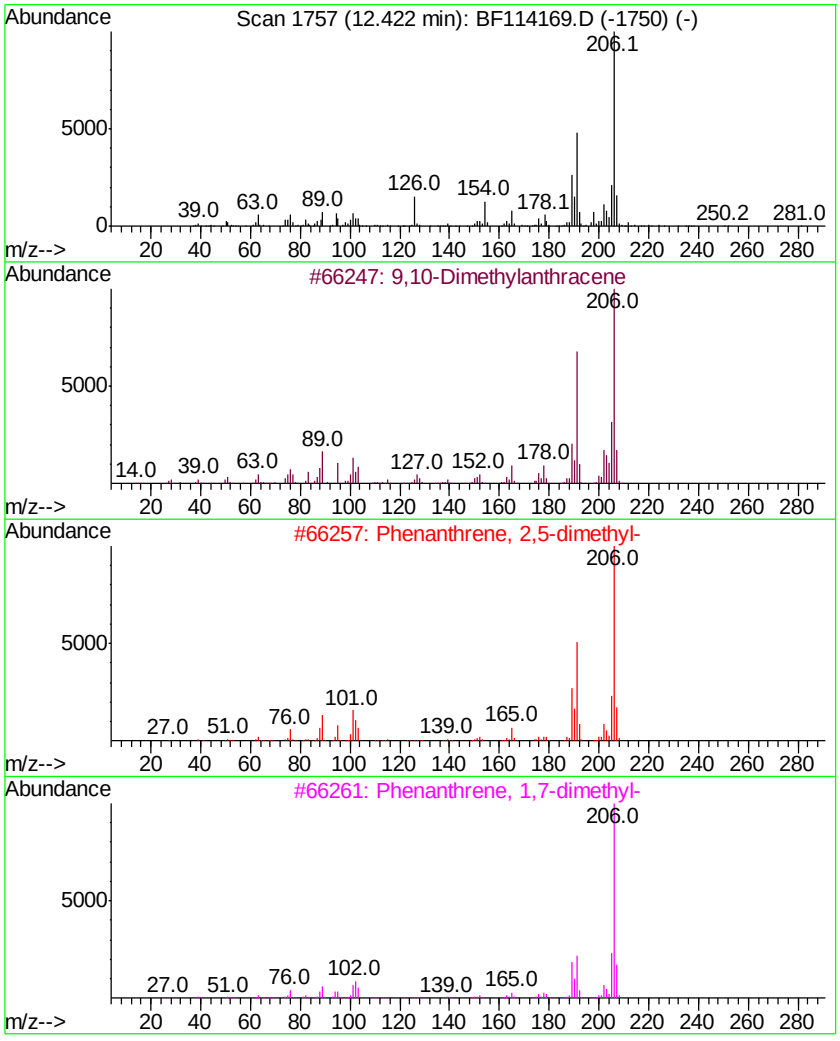
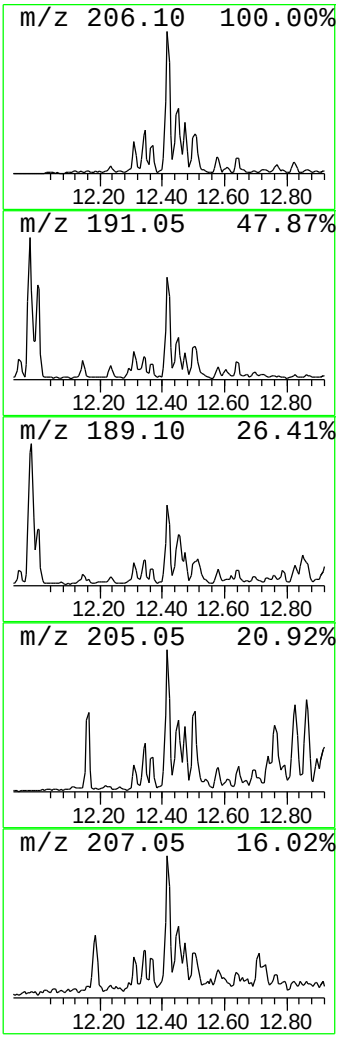
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.96 ng	800672	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	97
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

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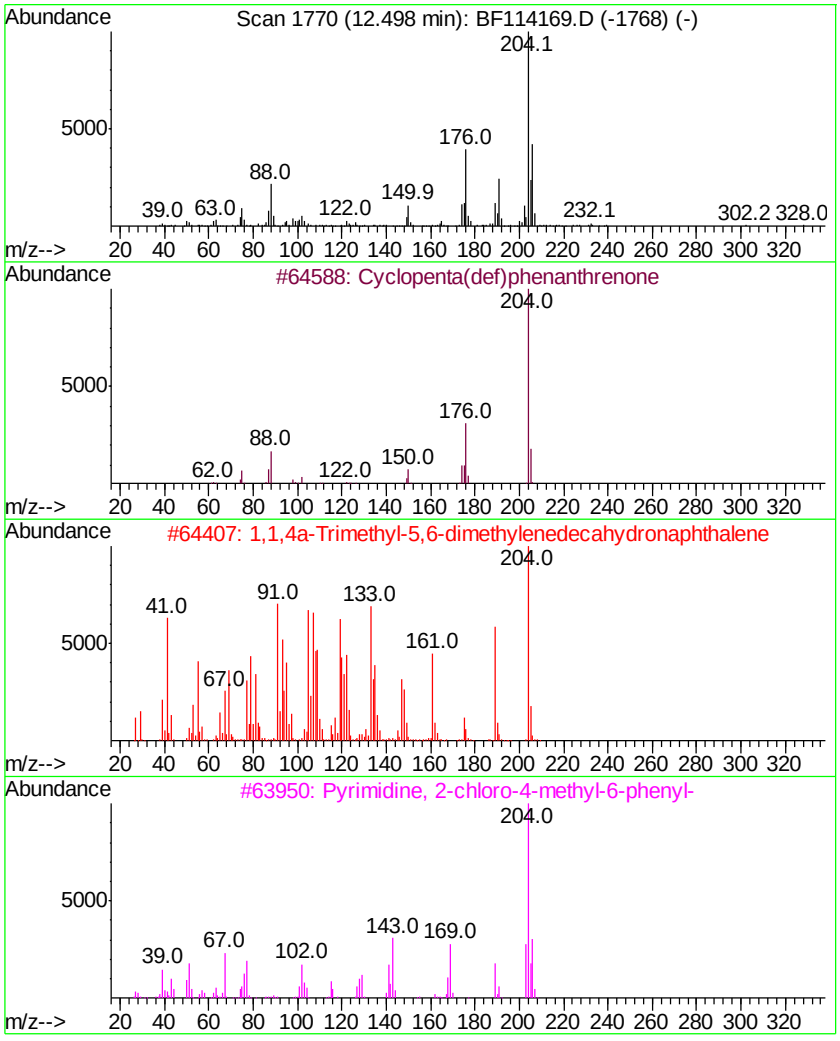
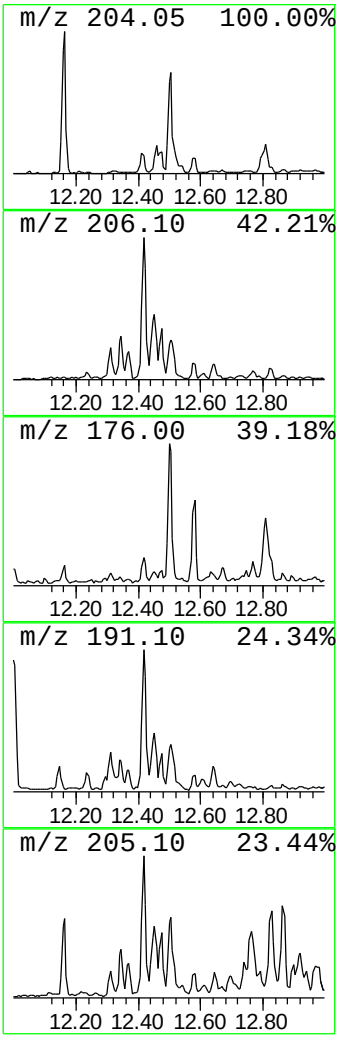
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.47 ng	514915	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	74
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47





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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

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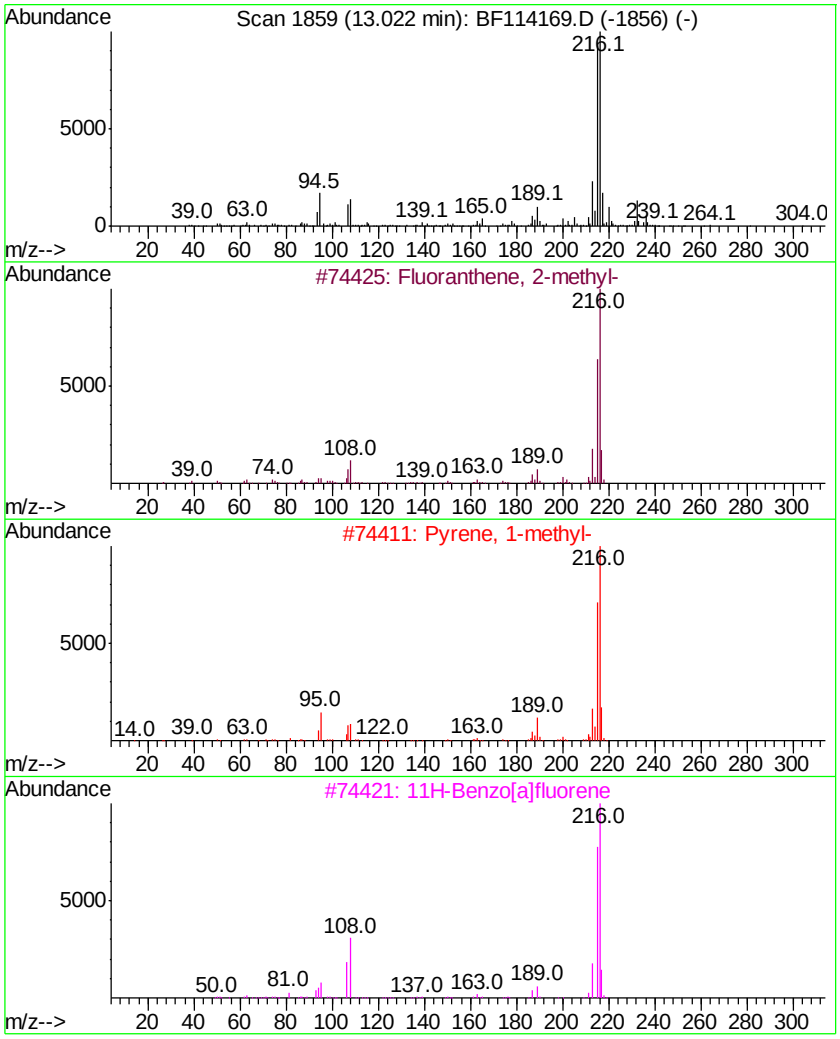
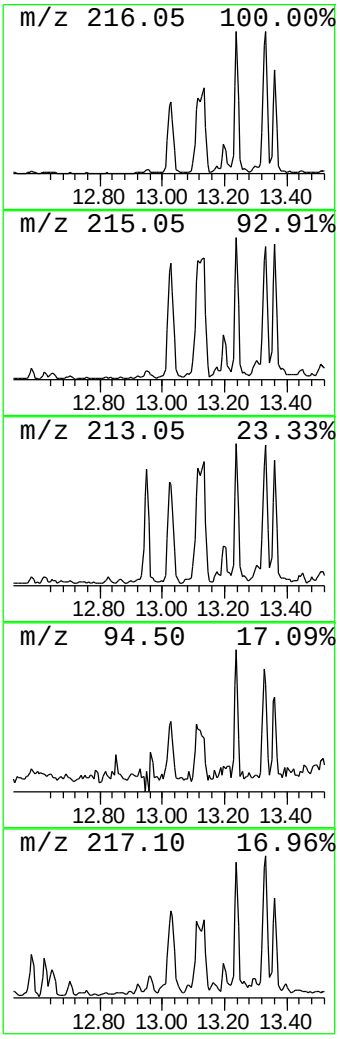
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.18 ng	798120	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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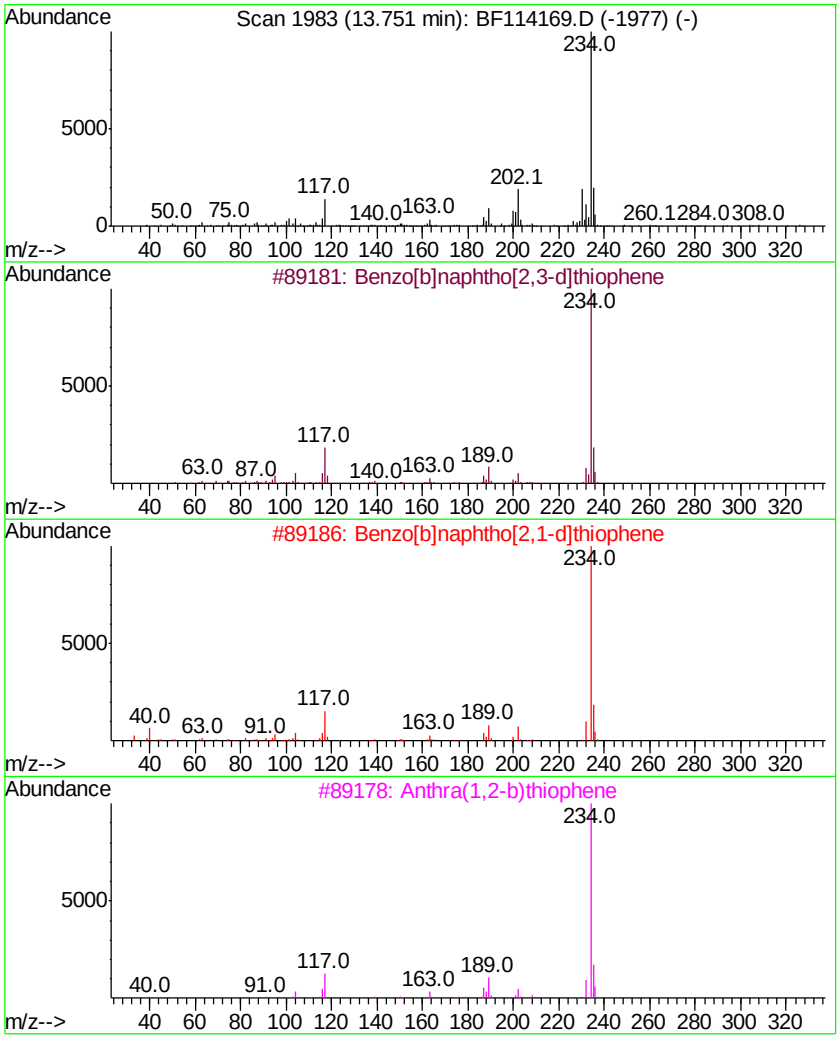
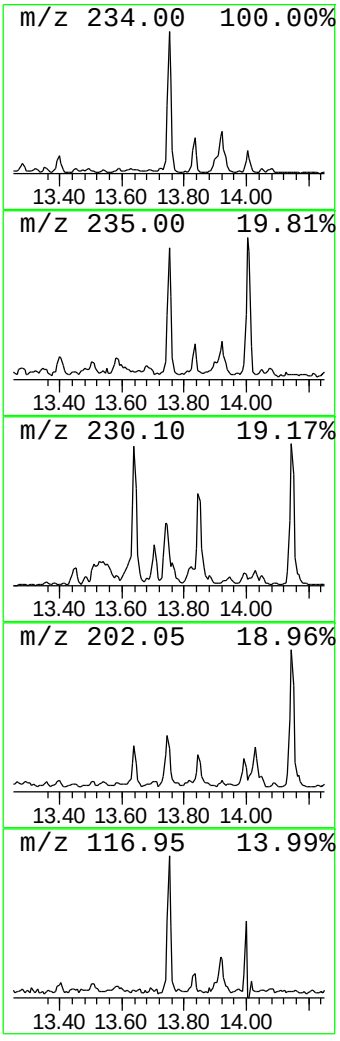
Peak Number 12 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.77 ng	720782	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	81
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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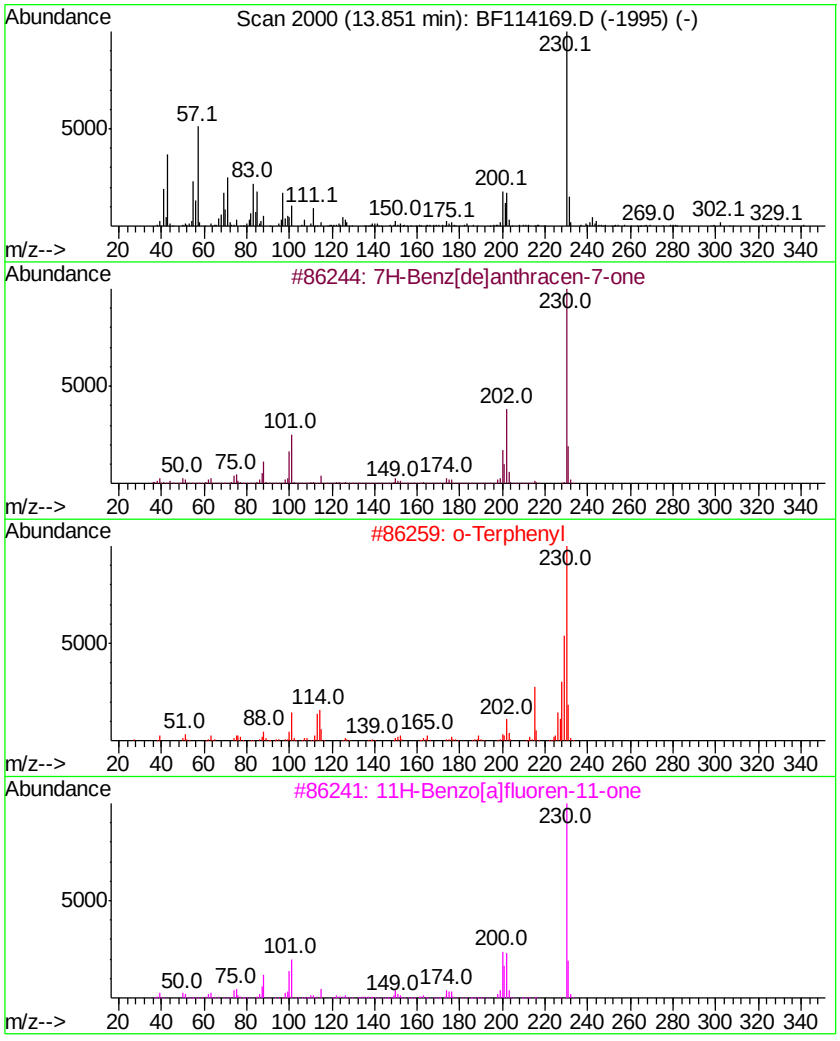
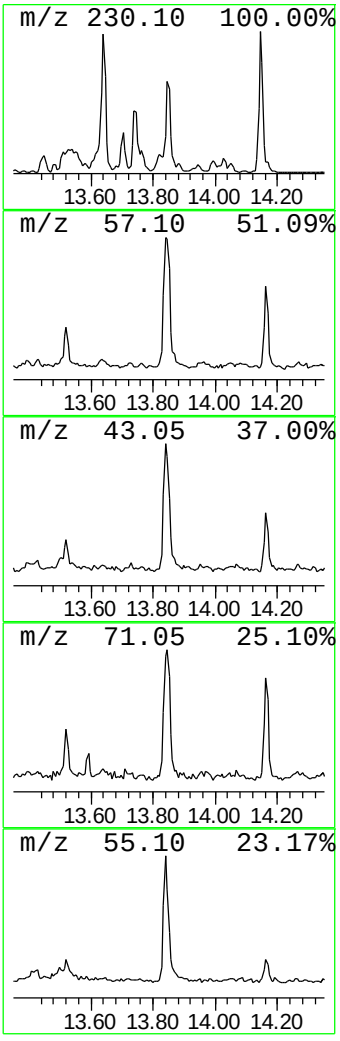
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.09 ng	972198	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
2	o-Terphenyl	230	C18H14	000084-15-1	46
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	27
4	1-Eicosene	280	C20H40	003452-07-1	25
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	15





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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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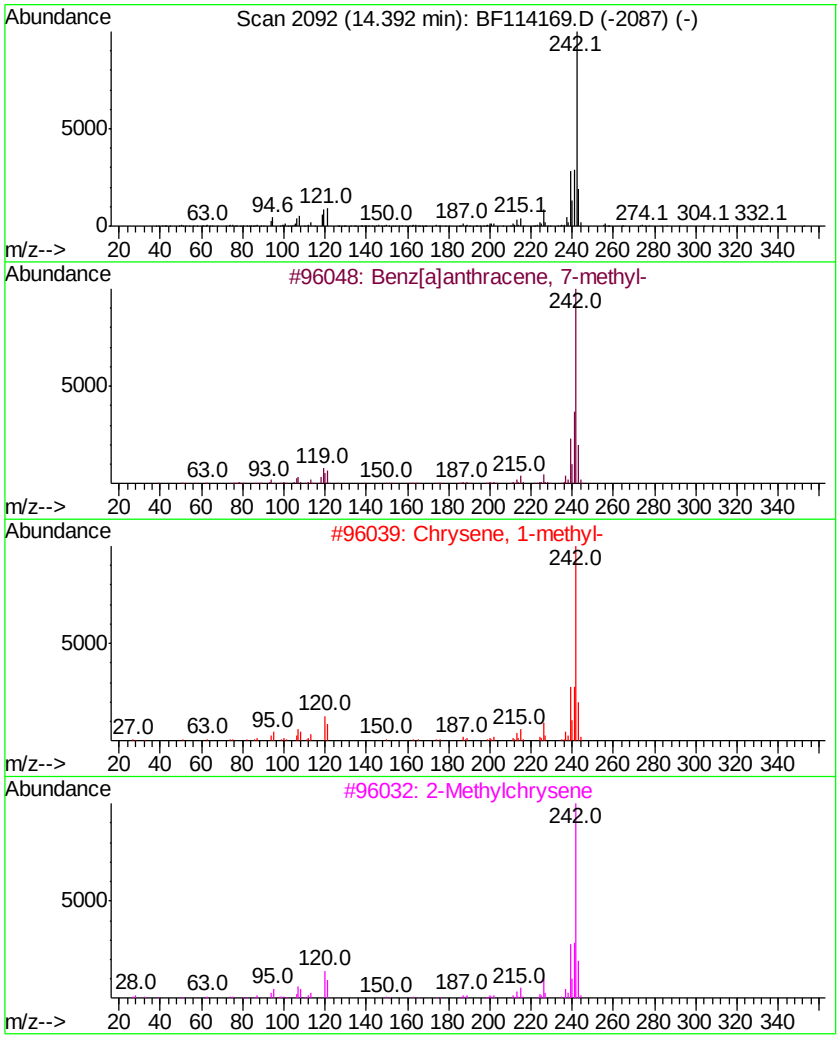
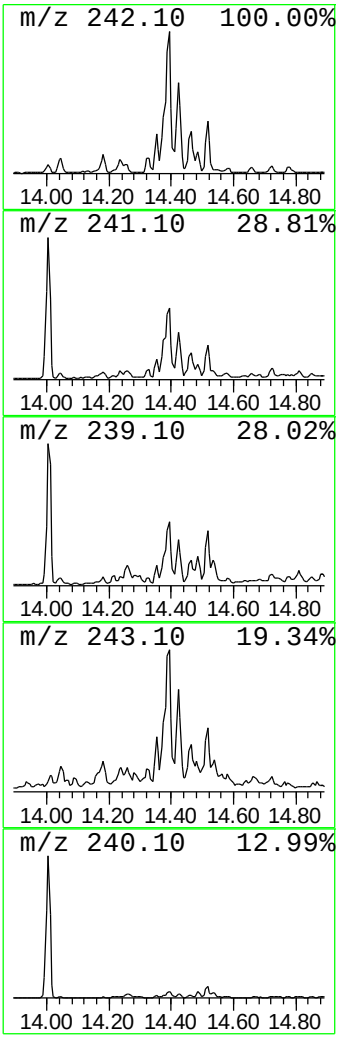
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.29 ng	818512	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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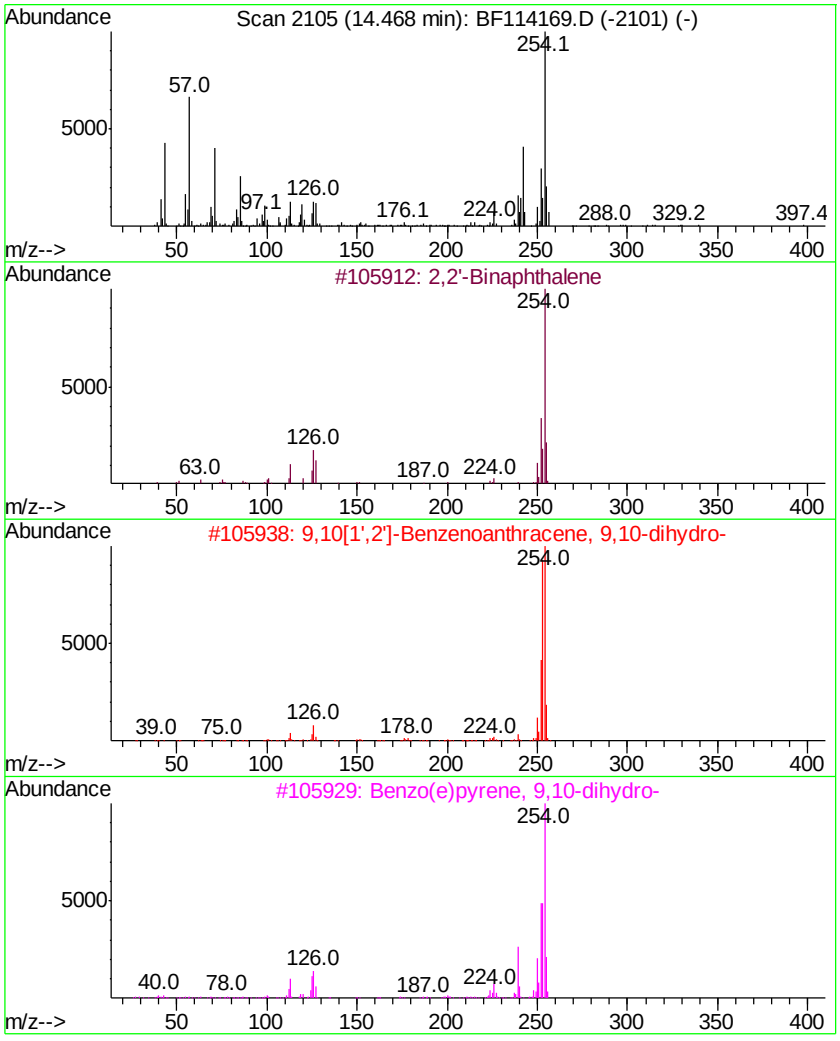
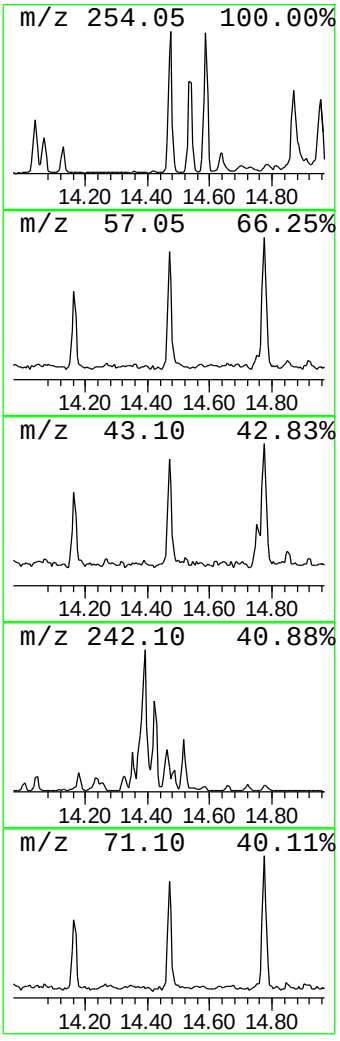
Peak Number 15 2,2'-Binaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.47 ng	854567	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	59
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	38
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	38
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	38





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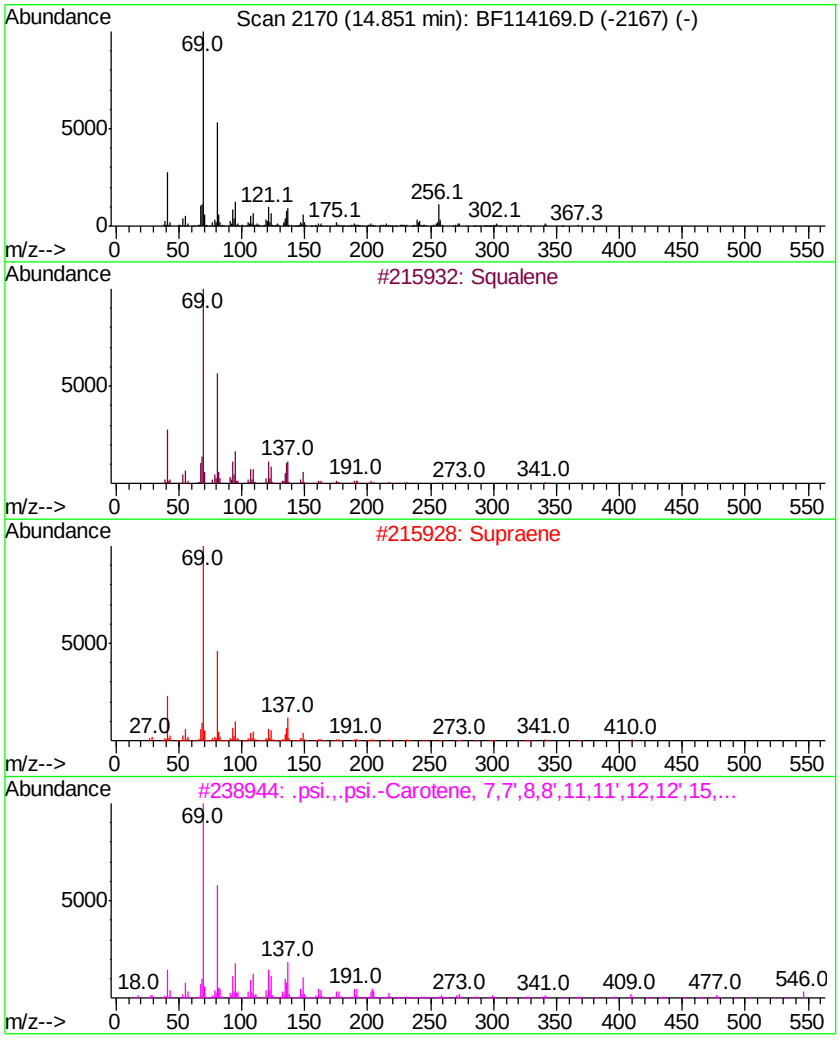
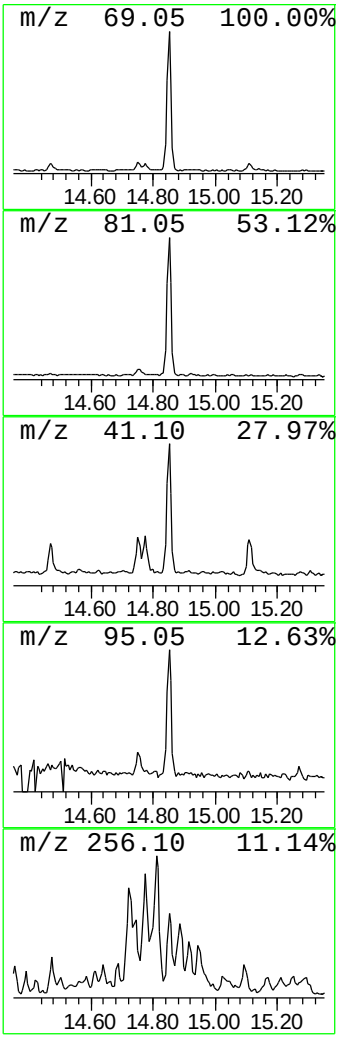
Peak Number 16 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.93 ng	1052440	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	68
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	64
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	Farnesol isomer a	222	C15H26O	1000108-92-4	50





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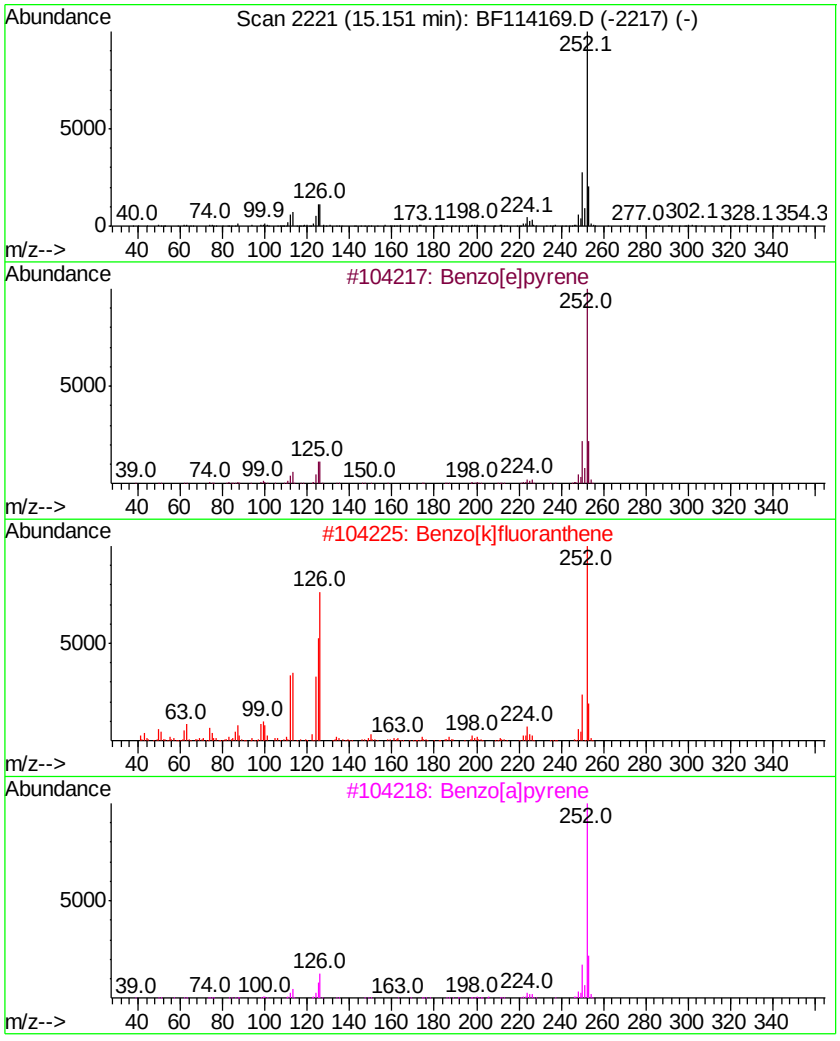
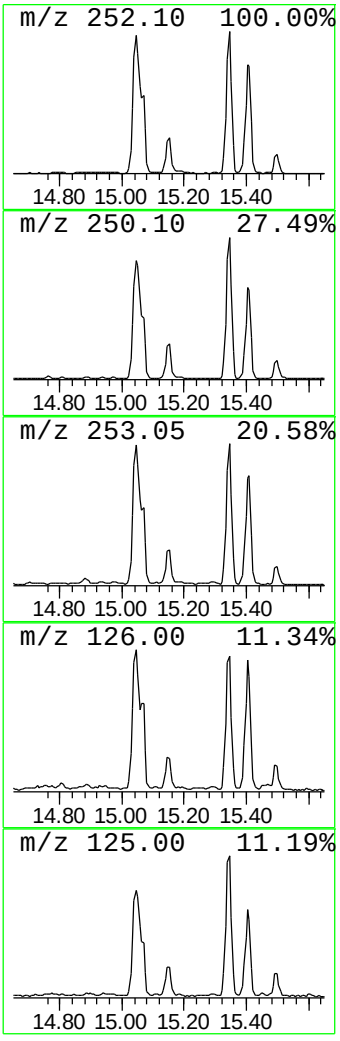
Peak Number 17 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.63 ng	482644	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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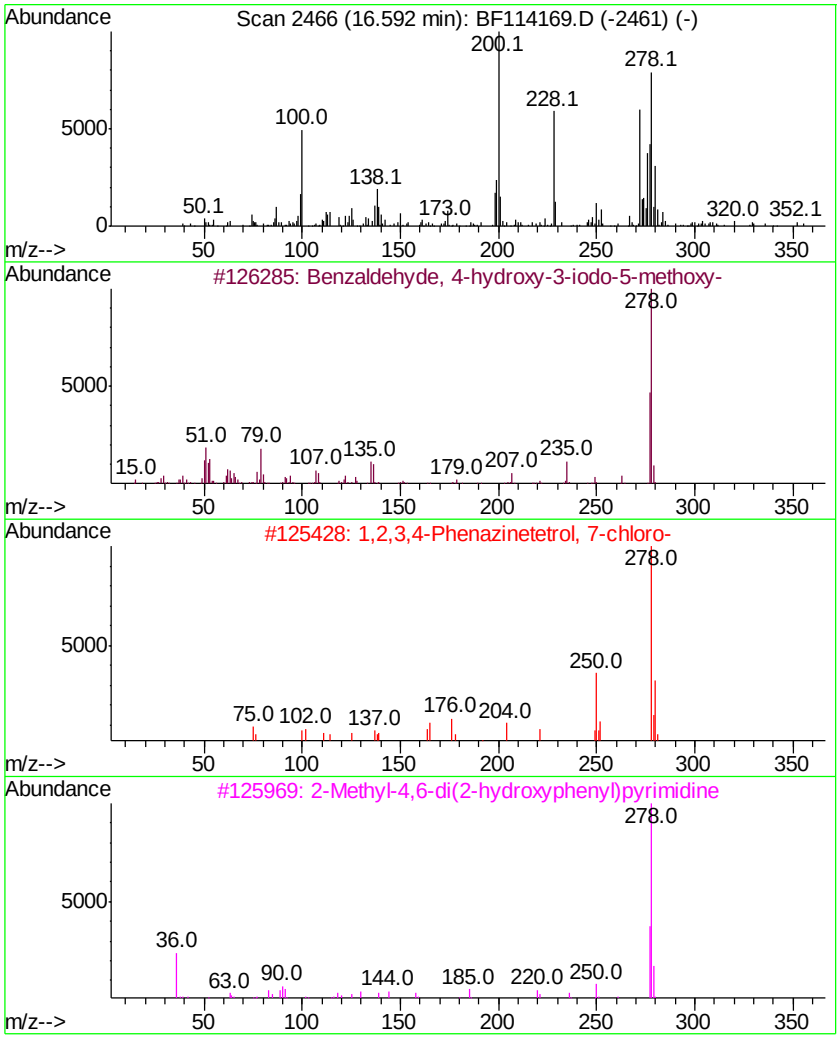
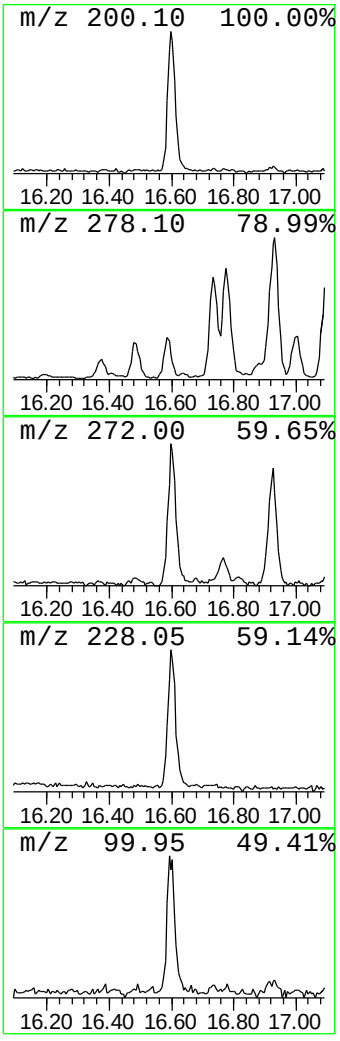
Peak Number 19 unknown16.59 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	4.70 ng	623904	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3-iodo-5...	278	C8H7IO3	005438-36-8	22
2	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	15
3	2-Methyl-4,6-di(2-hydroxyphenyl)...	278	C17H14N2O2	1000070-55-8	14
4	3,5-Dibromosalicylamide	293	C7H5Br2NO2	017892-25-0	12
5	Benzoic acid, 3,5-dibromo-2-hydr...	294	C7H4Br2O3	003147-55-5	12





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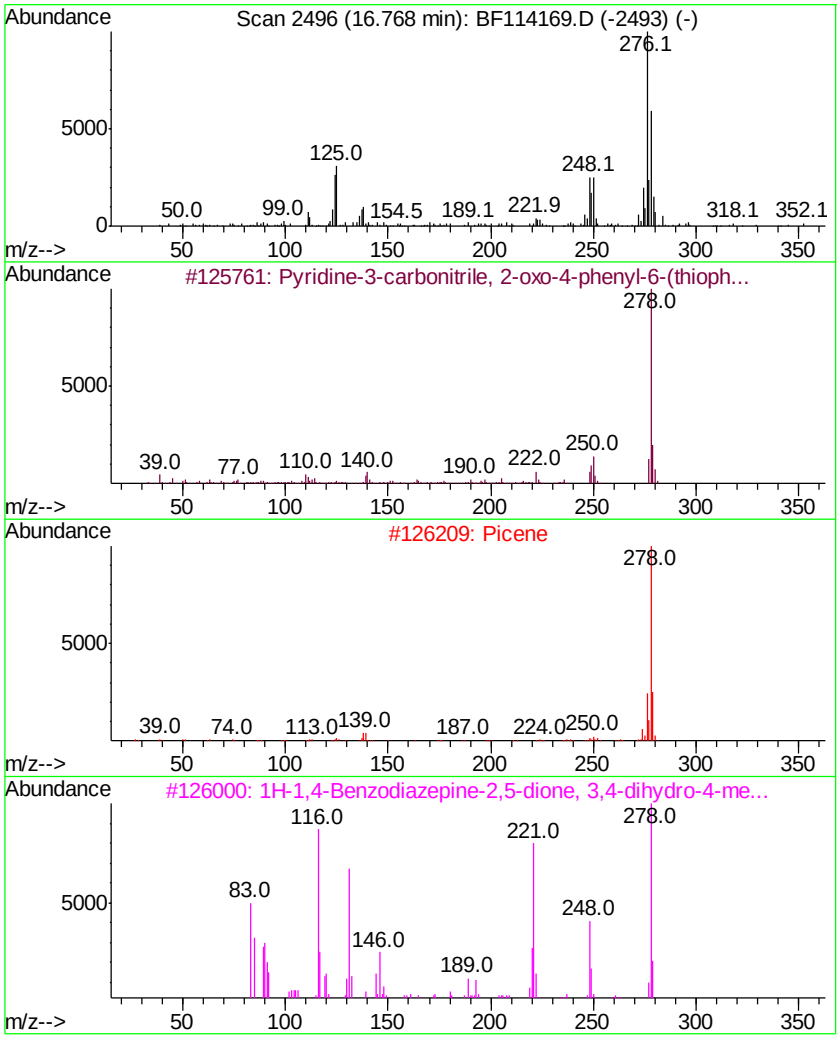
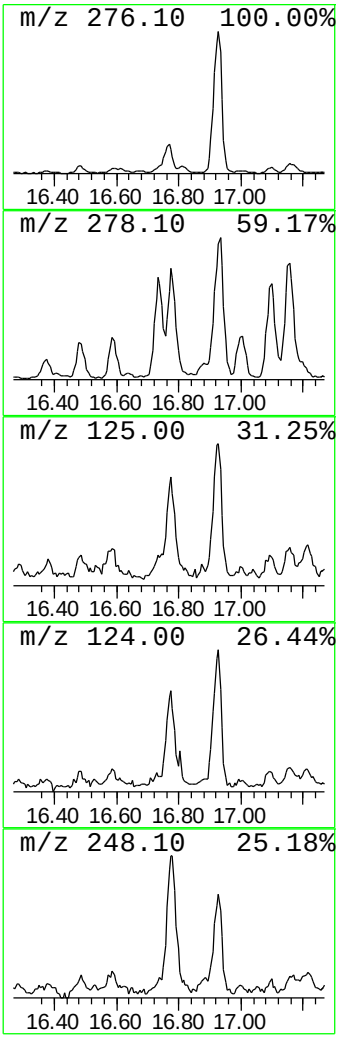
Peak Number 20 Pyridine-3-carbonitrile, 2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.47 ng	593166	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	64
2	Picene	278	C22H14	000213-46-7	46
3	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	46
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	46
5	Fenthion	278	C10H15O3PS2	000055-38-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114169.D
Acq On : 11 May 2019 22:41
Operator : JU/SJ
Sample : K2765-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0206-01

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	85.9	ng	6258350	1	6.85	1457380	20.0
Phenanthrene, 2-m...	11.87	3.6	ng	414898	4	11.37	2302420	20.0
Anthracene, 2-met...	11.89	12.2	ng	1407460	4	11.37	2302420	20.0
Naphthalene, 2-ph...	12.16	3.5	ng	402615	4	11.37	2302420	20.0
9,10-Anthracenedione	12.19	3.3	ng	374829	4	11.37	2302420	20.0
9,10-Dimethylanth...	12.42	7.0	ng	800672	4	11.37	2302420	20.0
Cyclopenta(def)ph...	12.50	4.5	ng	514915	4	11.37	2302420	20.0
Fluoranthene, 2-m...	13.02	4.2	ng	798120	5	14.00	3820210	20.0
Benzo[b]naphtho[2...	13.75	3.8	ng	720782	5	14.00	3820210	20.0
7H-Benz[de]anthra...	13.85	5.1	ng	972198	5	14.00	3820210	20.0
Benz[a]anthracene...	14.39	4.3	ng	818512	5	14.00	3820210	20.0
2,2'-Binaphthalene	14.47	4.5	ng	854567	5	14.00	3820210	20.0
Squalene	14.85	7.9	ng	1052440	6	15.47	2655750	20.0
Benzo[e]pyrene	15.15	3.6	ng	482644	6	15.47	2655750	20.0
unknown16.59	16.59	4.7	ng	623904	6	15.47	2655750	20.0
Pyridine-3-carbon...	16.77	4.5	ng	593166	6	15.47	2655750	20.0