LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

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-BF121418.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	4.992	490	494	507	rVB	217545	251308	7.22%	0.499%
2	5.416	562	566	584	rBV	2923032	2963386	85.16%	5.885%
3	6.434	735	739	758	rBV	3150923	3479681	100.00%	6.911%
4	6.569	758	762	765	rBV	3555564	3128379	89.90%	6.213%
5	6.792	797	800	804	rBV	1252340	1036811	29.80%	2.059%
6	6.951	823	827	830	rBV	2852970	2288340	65.76%	4.545%
7	7.351	891	895	906	rBV	1965819	1825292	52.46%	3.625%
8	8.075	1014	1018	1021	rBV	1366368	1132686	32.55%	2.250%
9	9.151	1197	1201	1214	rBV	3405906	2950126	84.78%	5.859%
10	9.492	1254	1259	1261	rBV	44527	47205	1.36%	0.094%
11	9.545	1265	1268	1274	rVV	244190	214388	6.16%	0.426%
12	9.692	1289	1293	1297	rBV	98644	92211	2.65%	0.183%
13	9.833	1313	1317	1320	rBV	1095922	1036808	29.80%	2.059%
14	9.863	1320	1322	1326	rVB	149250	118488	3.41%	0.235%
15	10.033	1347	1351	1355	rBV	90321	80380	2.31%	0.160%
16	10.374	1406	1409	1415	rBV	124966	120642	3.47%	0.240%
17	10.533	1433	1436	1441	rVB	53195	55126	1.58%	0.109%
18	10.616	1446	1450	1457	rBV	1316704	1150342	33.06%	2.285%
19	10.739	1469	1471	1479	rVB4	54004	72215	2.08%	0.143%
20	10.927	1495	1503	1505	rBV4	41246	70377	2.02%	0.140%
21	11.116	1532	1535	1540	rVB	111963	105158	3.02%	0.209%
22	11.163	1540	1543	1546	rVV3	39908	55248	1.59%	0.110%
23	11.210	1549	1551	1558	rVB	94555	92570	2.66%	0.184%
24	11.316	1565	1569	1571	rBV	981459	966092	27.76%	1.919%
25	11.339	1571	1573	1576	rVV	1983548	1488858	42.79%	2.957%
26	11.386	1579	1581	1585	rVV	346836	297593	8.55%	0.591%
27	11.421	1585	1587	1591	rVB2	52956	48453	1.39%	0.096%
28	11.545	1602	1608	1610	rBV2	133205	154465	4.44%	0.307%
29	11.610	1616	1619	1622	rBV2	59464	52733	1.52%	0.105%
30	11.645	1622	1625	1631	rVB3	70219	59160	1.70%	0.117%
31	11.816	1651	1654	1656	rBV	267385	221774	6.37%	0.440%
32	11.845	1656	1659	1663	rVV	565377	486228	13.97%	0.966%
33	11.892	1663	1667	1669	rVV2	111188	115596	3.32%	0.230%
34	11.927	1669	1673	1675	rVV	401871	418636	12.03%	0.831%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.951	1675	1677	1682	rVB	201344	161110	4.63%	0.320%
36	12.110	1701	1704	1706	rBV	186720	161360	4.64%	0.320%
37	12.133	1706	1708	1712	rVB	225971	194843	5.60%	0.387%
38	12.263	1727	1730	1732	rVB	70201	55321	1.59%	0.110%
39	12.292	1732	1735	1737	rBV	61535	47068	1.35%	0.093%
40	12.316	1737	1739	1741	rVB	57717	43861	1.26%	0.087%
41	12.368	1744	1748	1750	rBV	173659	187226	5.38%	0.372%
42	12.404	1750	1754	1756	rVV2	80456	89316	2.57%	0.177%
43	12.451	1759	1762	1767	rVB2	178794	195172	5.61%	0.388%
44	12.527	1771	1775	1779	rBV	2915967	2703000	77.68%	5.368%
45	12.574	1780	1783	1784	rBV	38836	36796	1.06%	0.073%
46	12.627	1789	1792	1794	rBV2	65577	80201	2.30%	0.159%
47	12.657	1794	1797	1798	rVV2	48615	41518	1.19%	0.082%
48	12.674	1798	1800	1804	rVB	85706	81732	2.35%	0.162%
49	12.757	1808	1814	1817	rVV	2759893	2751717	79.08%	5.465%
50	12.804	1820	1822	1827	rVB2	127304	144117	4.14%	0.286%
51	12.874	1831	1834	1835	rBV	152049	123862	3.56%	0.246%
52	12.898	1835	1838	1845	rVB	2535435	2313152	66.48%	4.594%
53	12.974	1846	1851	1854	rBV2	179578	297971	8.56%	0.592%
54	13.004	1854	1856	1859	rVB	60971	43234	1.24%	0.086%
55	13.063	1862	1866	1867	rBV3	130589	151077	4.34%	0.300%
56	13.080	1867	1869	1872	rVB	268899	254706	7.32%	0.506%
57	13.115	1872	1875	1877	rBV2	40580	45514	1.31%	0.090%
58	13.151	1878	1881	1883	rVB	143001	117885	3.39%	0.234%
59	13.186	1883	1887	1890	rBV	284899	290021	8.33%	0.576%
60	13.245	1894	1897	1900	rBV4	52694	57678	1.66%	0.115%
61	13.280	1900	1903	1905	rBV2	137047	115927	3.33%	0.230%
62	13.310	1905	1908	1911	rBV	145724	137896	3.96%	0.274%
63	13.380	1915	1920	1927	rVB	951588	913054	26.24%	1.813%
64	13.457	1931	1933	1935	rBV2	77438	82081	2.36%	0.163%
65	13.586	1952	1955	1960	rVB	285369	296743	8.53%	0.589%
66	13.698	1970	1974	1977	rBV2	247355	331519	9.53%	0.658%
67	13.727	1977	1979	1981	rVV	233055	211372	6.07%	0.420%
68	13.751	1981	1983	1987	rVV2	192469	248753	7.15%	0.494%
69	13.798	1988	1991	1998	rVB2	392495	514363	14.78%	1.022%
70	13.945	2009	2016	2020	rBV2	1670881	2692126	77.37%	5.347%
71	13.980	2020	2022	2030	rVB	1349904	1181786	33.96%	2.347%

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Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.057	2033	2035	2039	rVB	157599	137486	3.95%	0.273%
73	14.339	2080	2083	2086	rVB2	188714	167577	4.82%	0.333%
74	14.374	2086	2089	2092	rBV2	142183	117340	3.37%	0.233%
75	14.462	2102	2104	2106	rBV	95550	75948	2.18%	0.151%
76	14.709	2143	2146	2151	rBV3	124124	225023	6.47%	0.447%
77	14.980	2188	2192	2200	rVB	928749	1712056	49.20%	3.400%
78	15.080	2207	2209	2213	rVB	152200	147692	4.24%	0.293%
79	15.274	2238	2242	2247	rVB	481788	638243	18.34%	1.268%
80	15.333	2248	2252	2258	rVB	690671	813704	23.38%	1.616%
81	15.392	2258	2262	2265	rBV	498954	647058	18.60%	1.285%
82	15.421	2265	2267	2274	rVB2	256277	326700	9.39%	0.649%
83	16.809	2498	2503	2511	rVB2	371399	676227	19.43%	1.343%
84	17.233	2571	2575	2585	rVB	287817	594788	17.09%	1.181%

Sum of corrected areas: 50351675

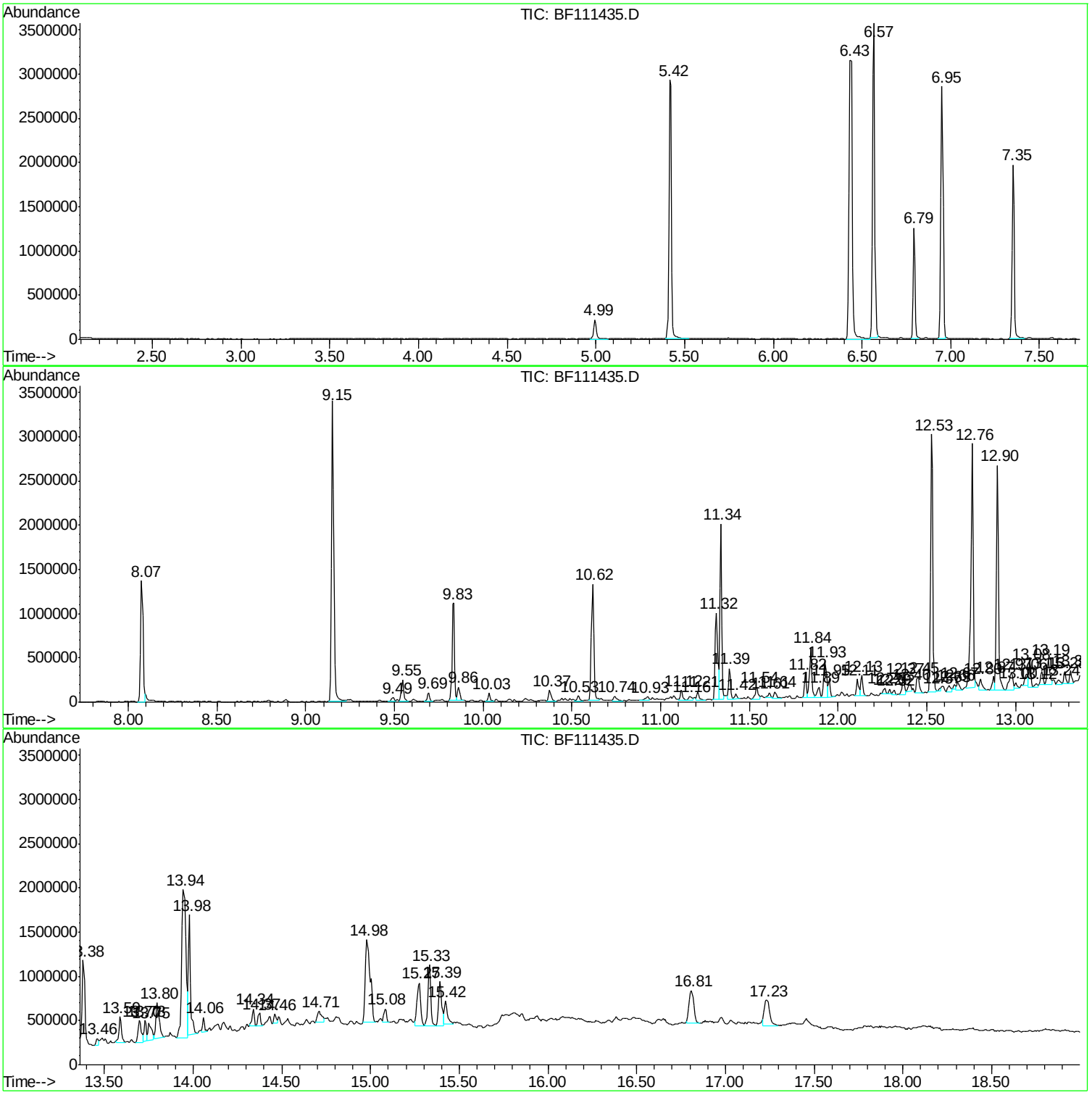
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

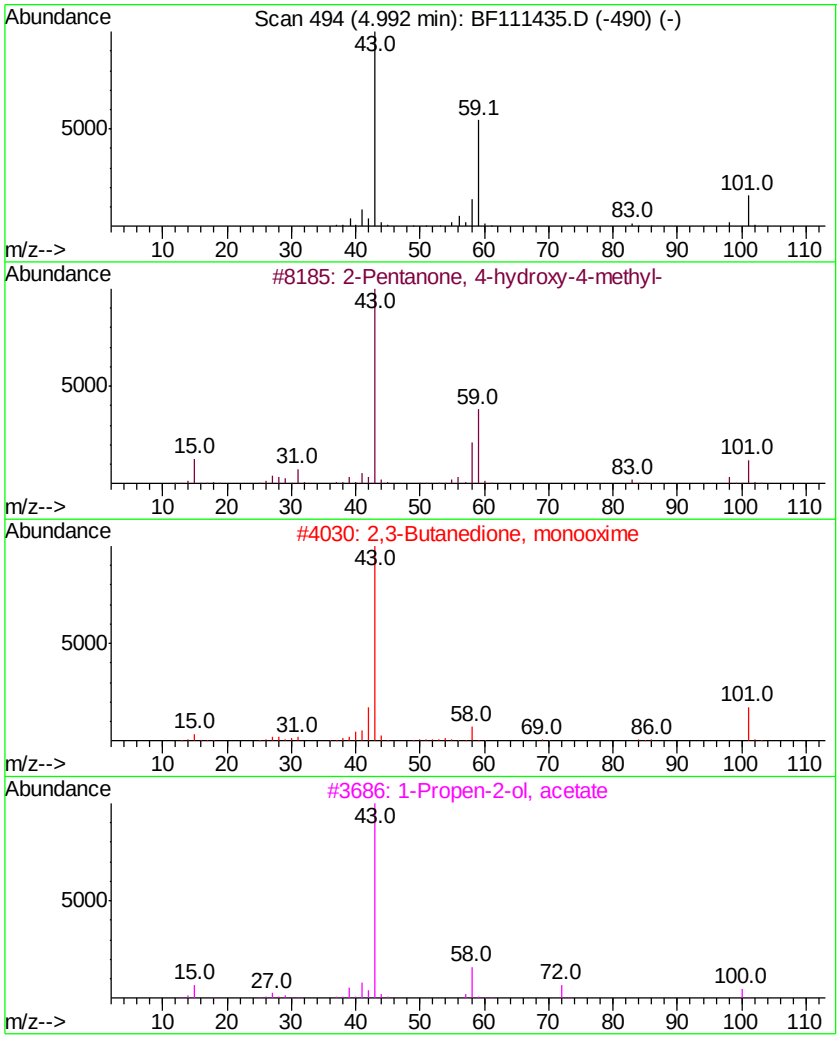
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

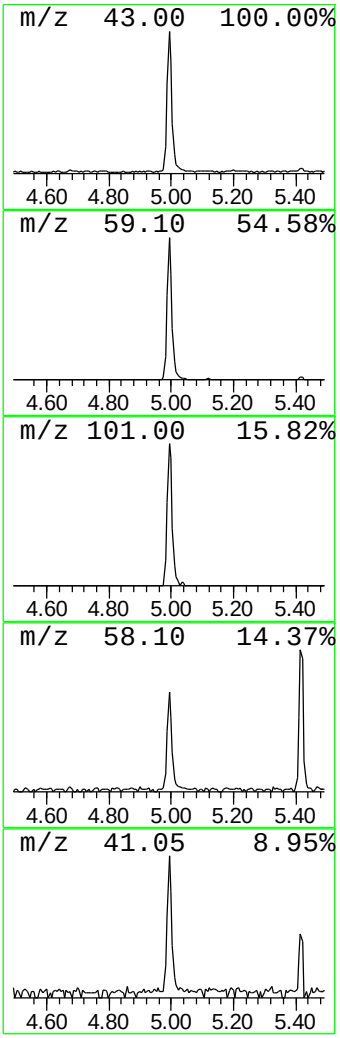
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	4.85 ng	251308	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

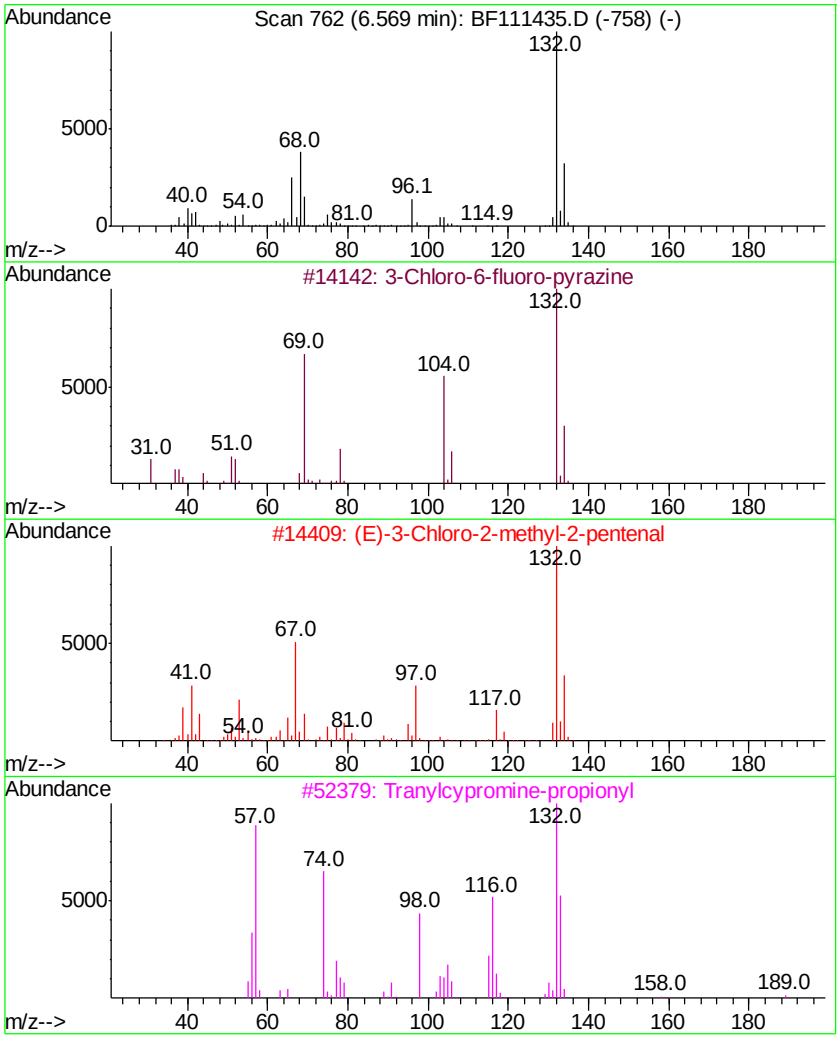
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

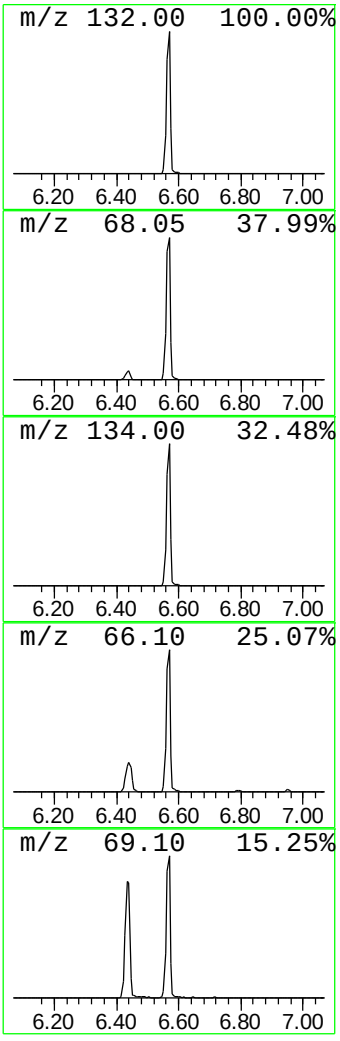
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	60.35 ng	3128380	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : J6371-04
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

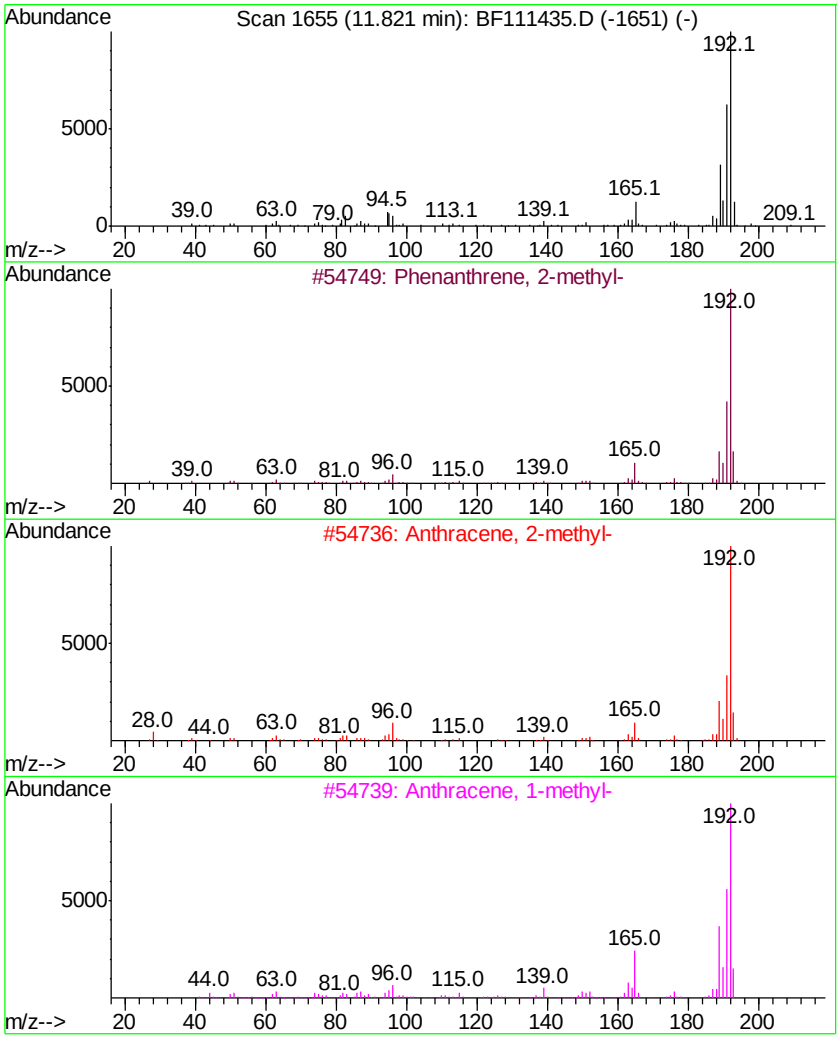
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

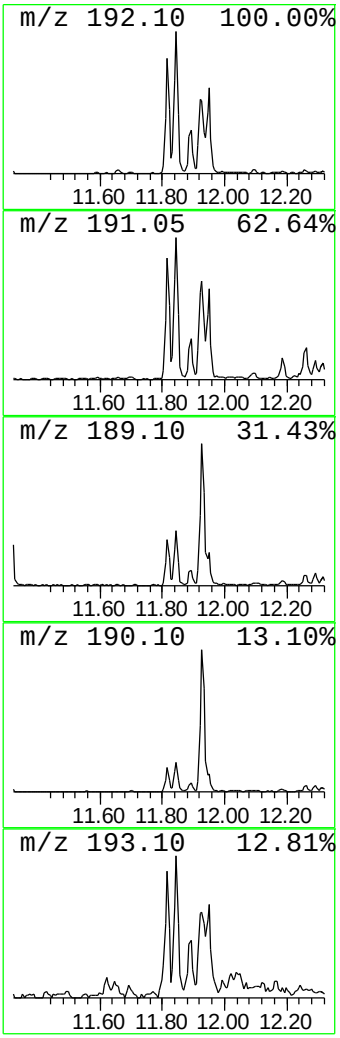
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.59 ng	221774	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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Instrument : BNA_F
ClientSampleId : EB04-0-2

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

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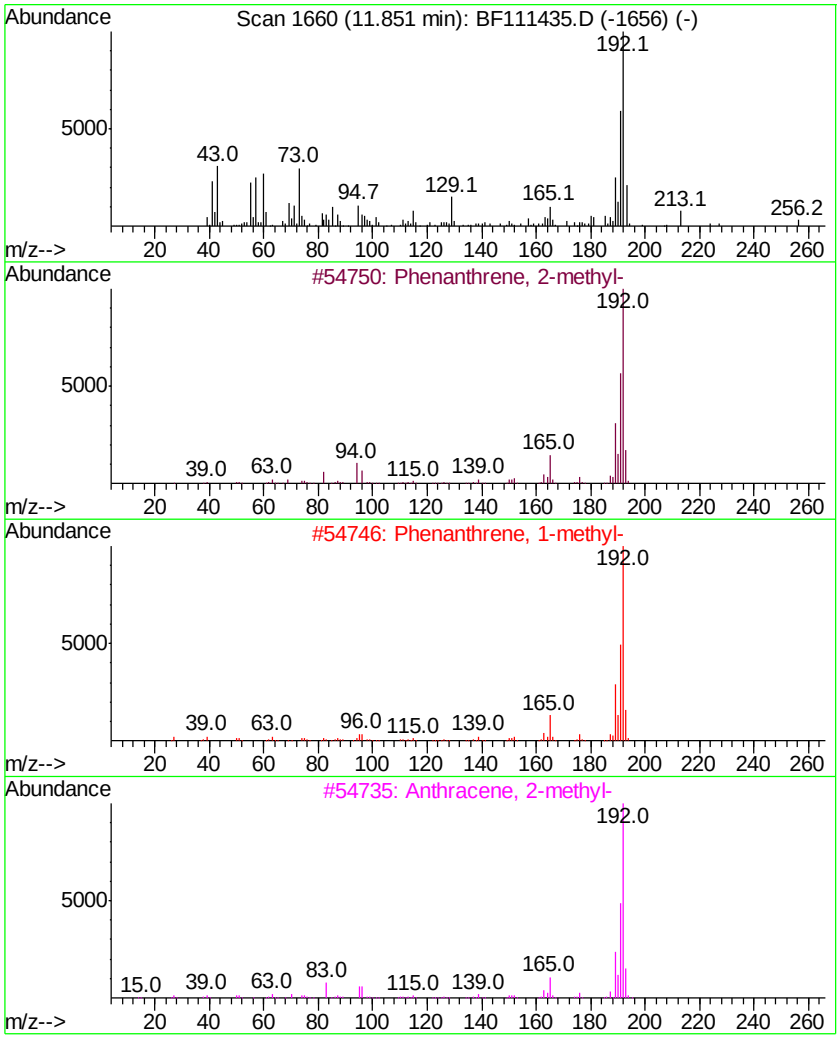
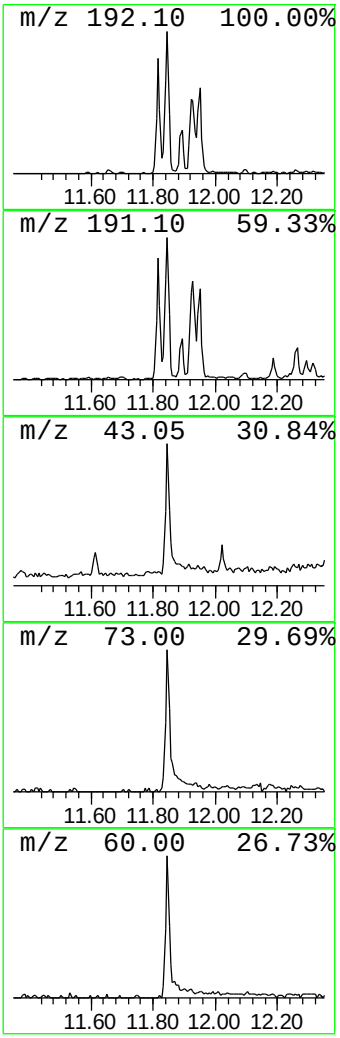
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	10.07 ng	486228	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

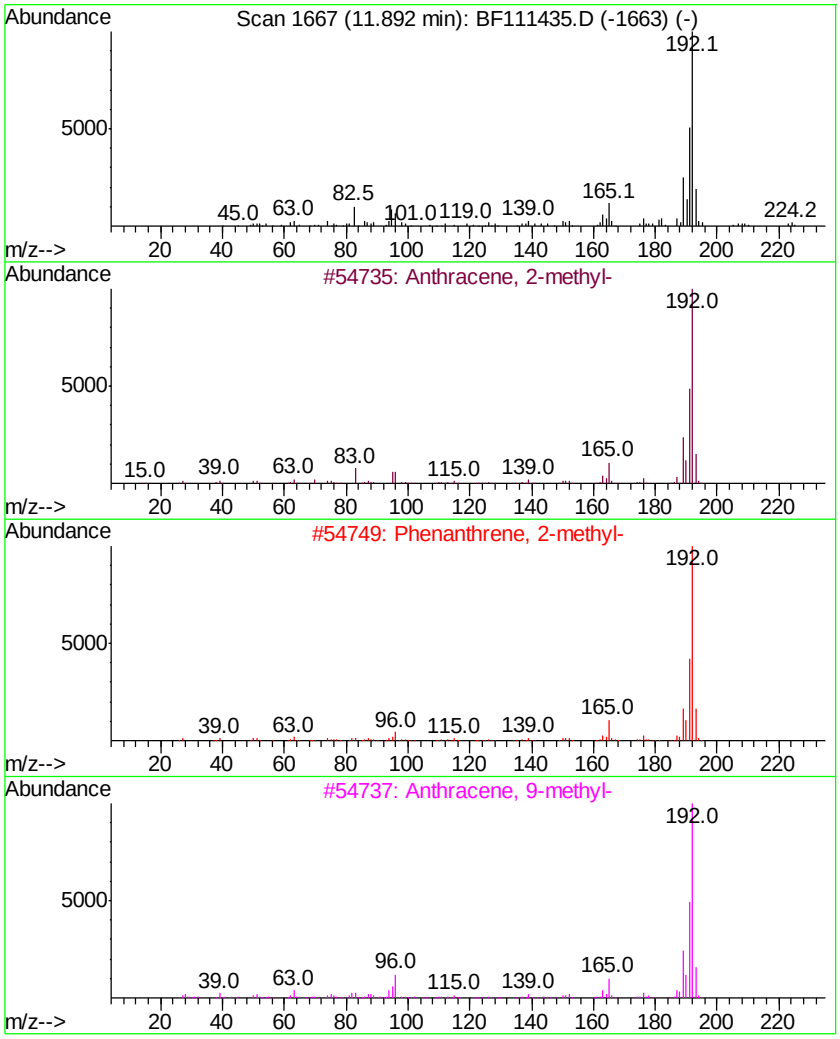
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

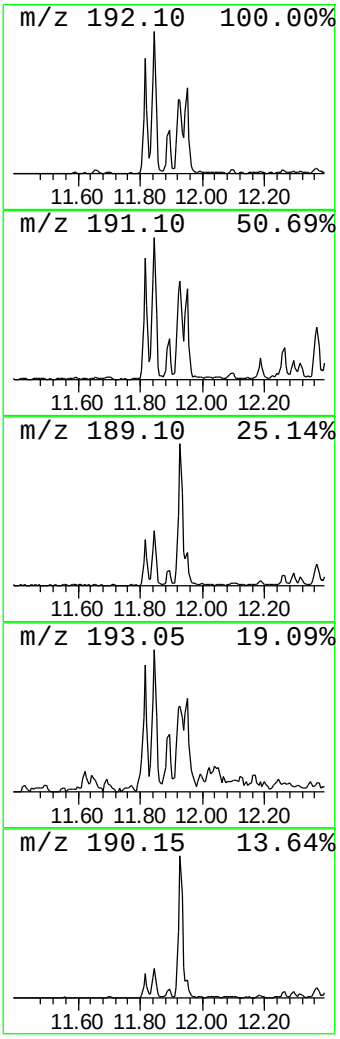
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.39 ng	115596	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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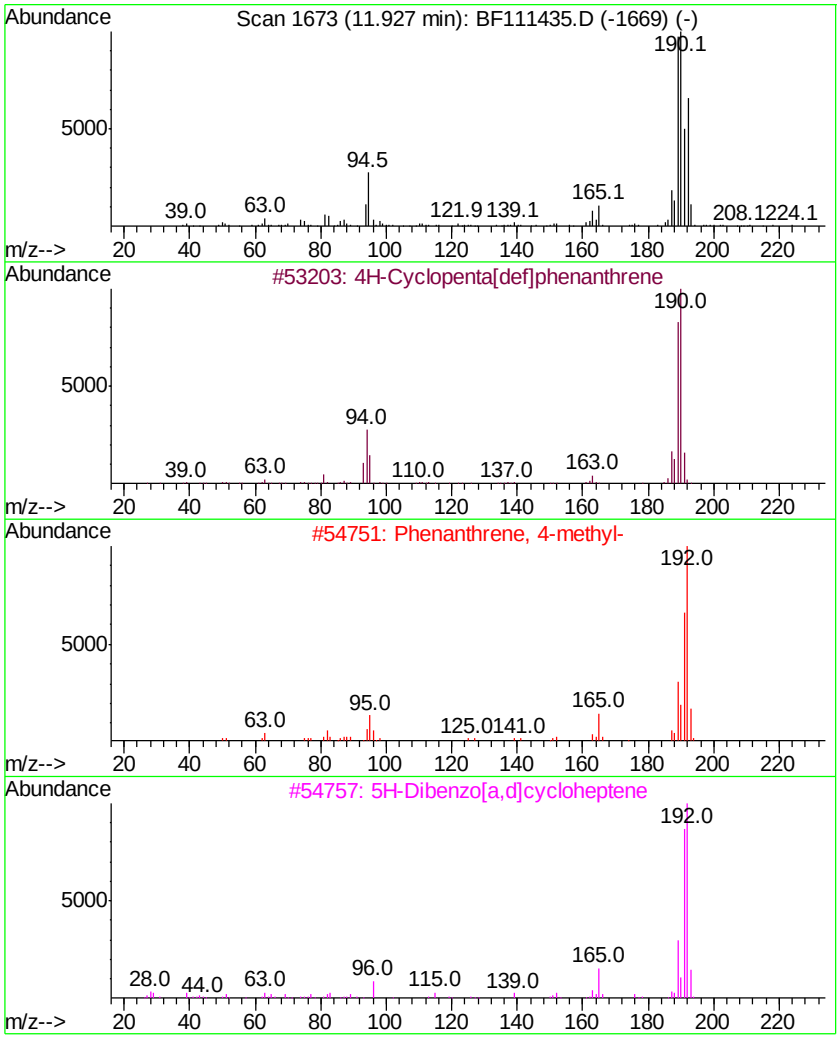
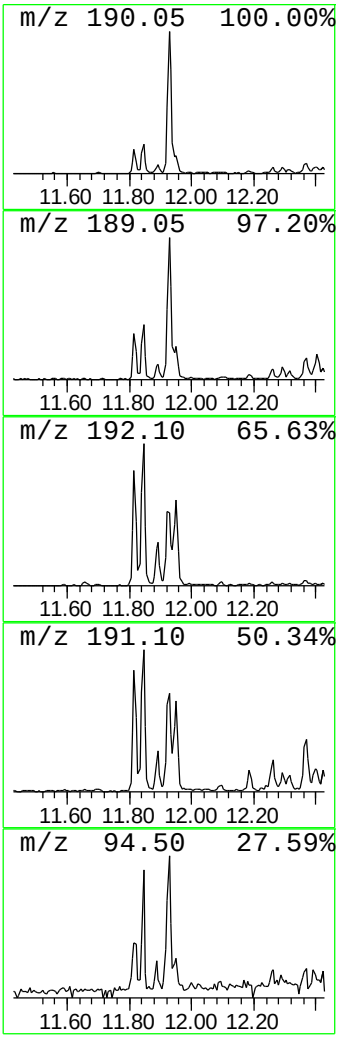
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	8.67 ng	418636	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Library Search Compound Report

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Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB04-0-2

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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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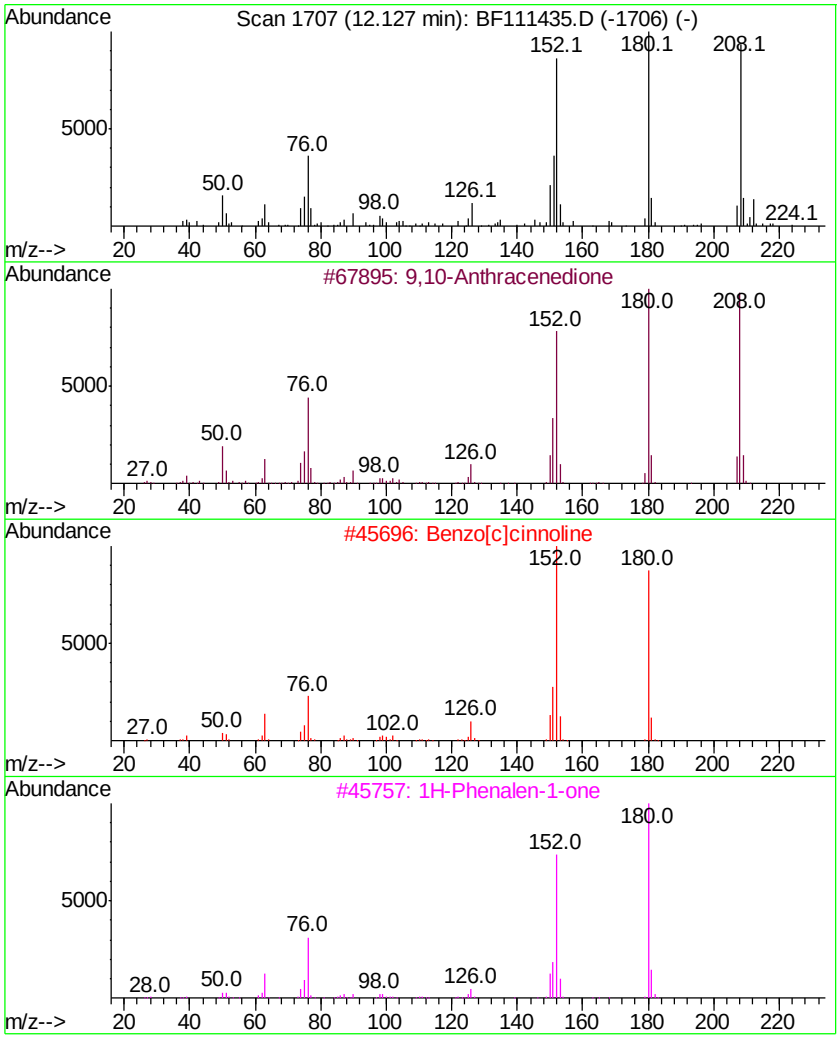
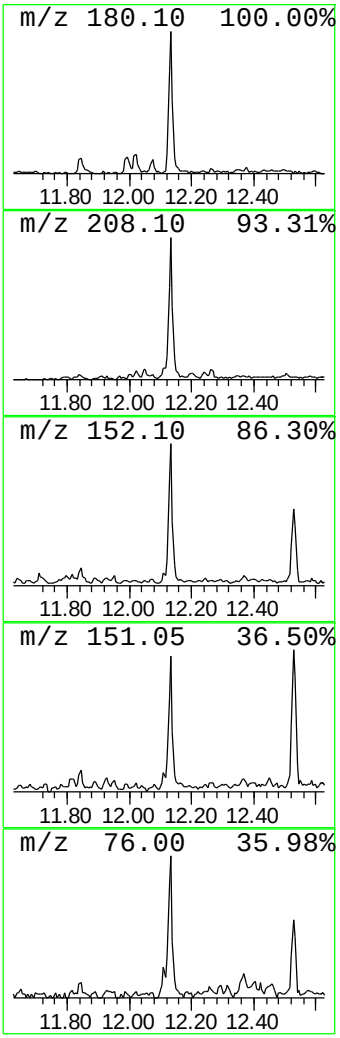
Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.03 ng	194843	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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Sample : J6371-04
Misc :
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Instrument : BNA_F
ClientSampleId : EB04-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

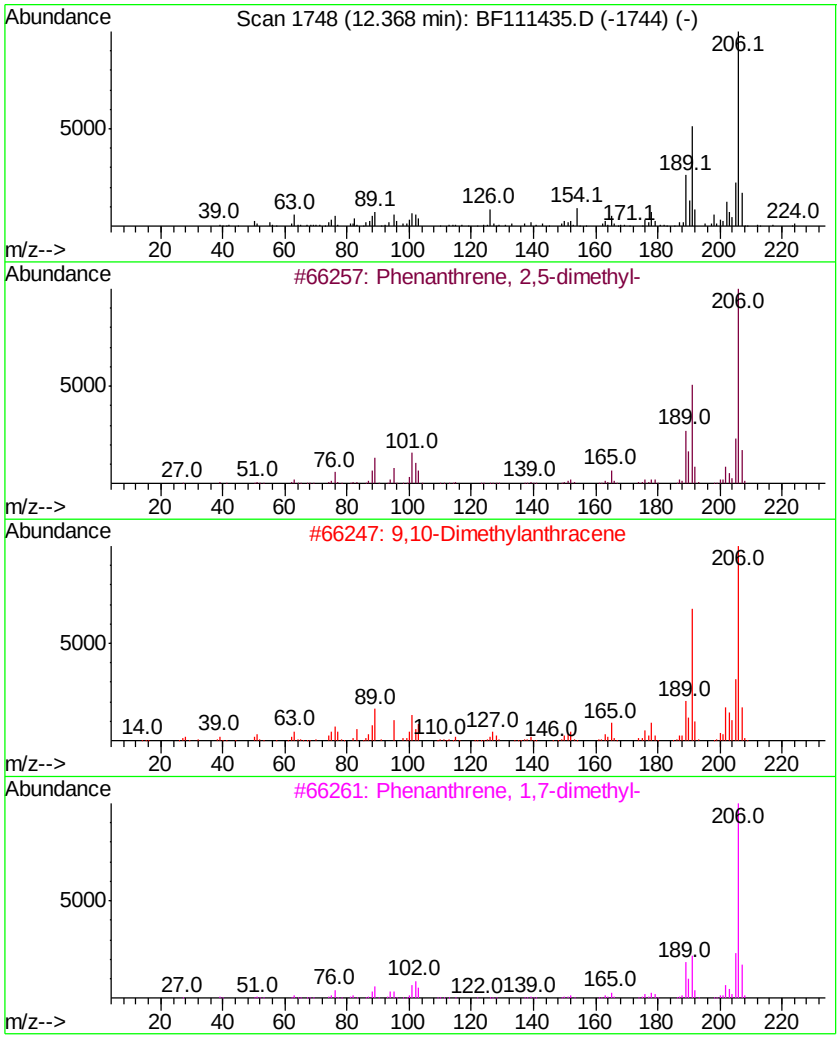
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

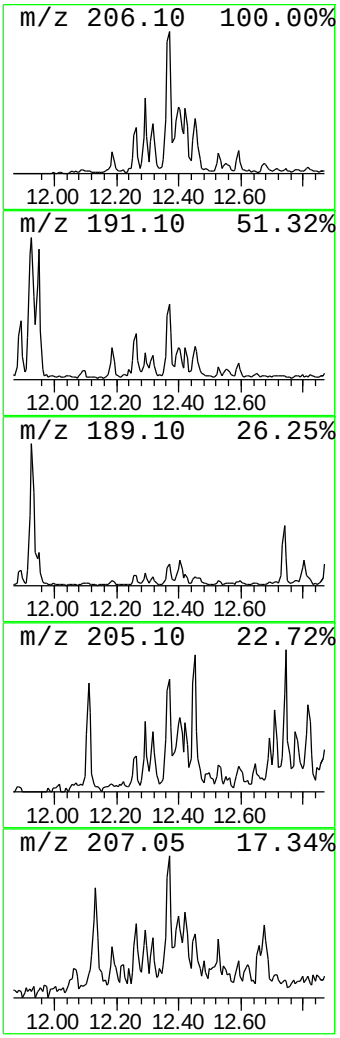
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.88 ng	187226	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

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Sample : J6371-04
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ClientSampleId : EB04-0-2

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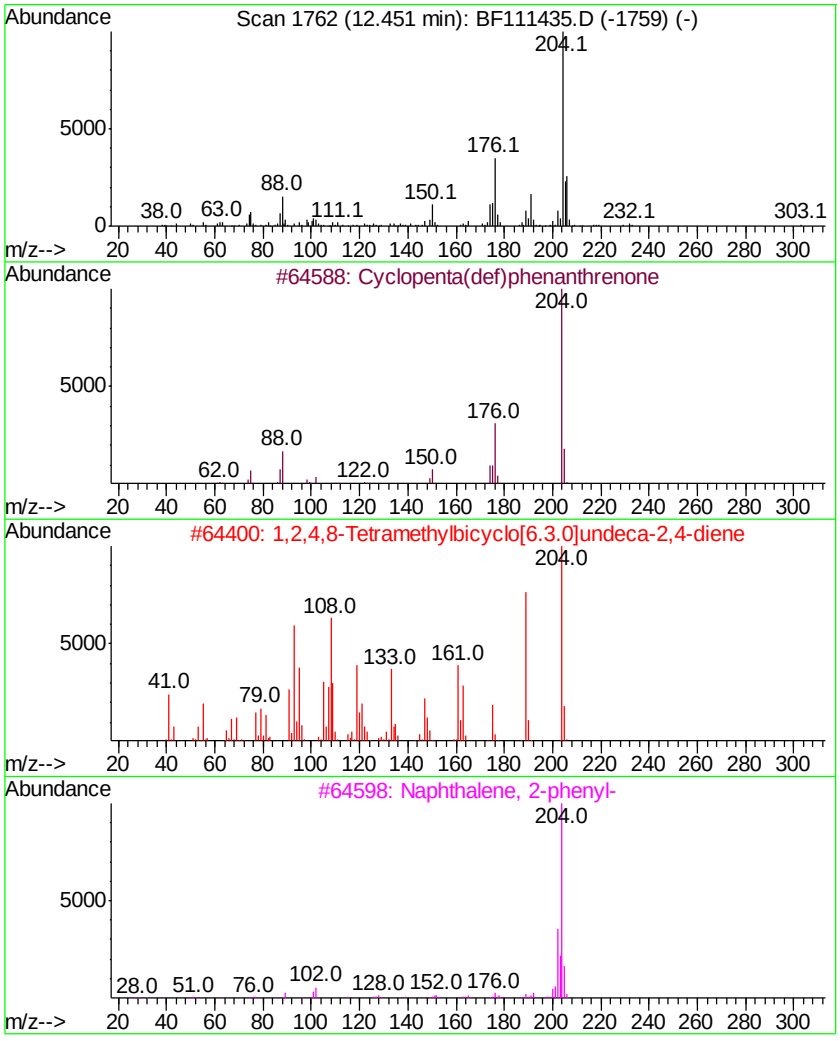
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

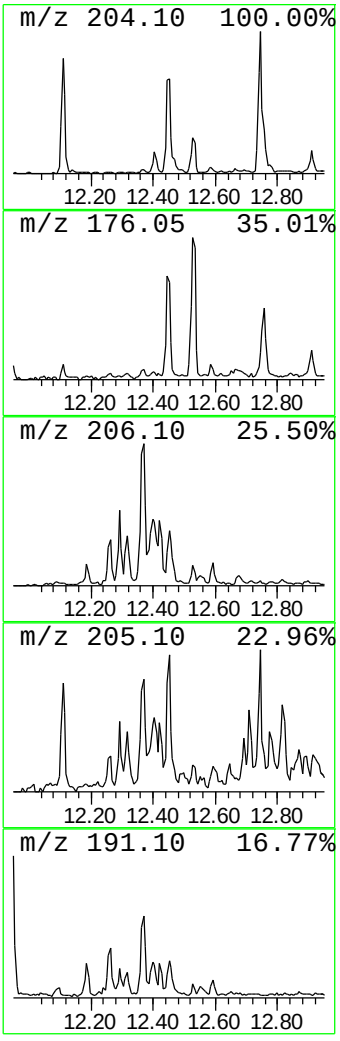
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.04 ng	195172	Phenanthrene-d10	11.32

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	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

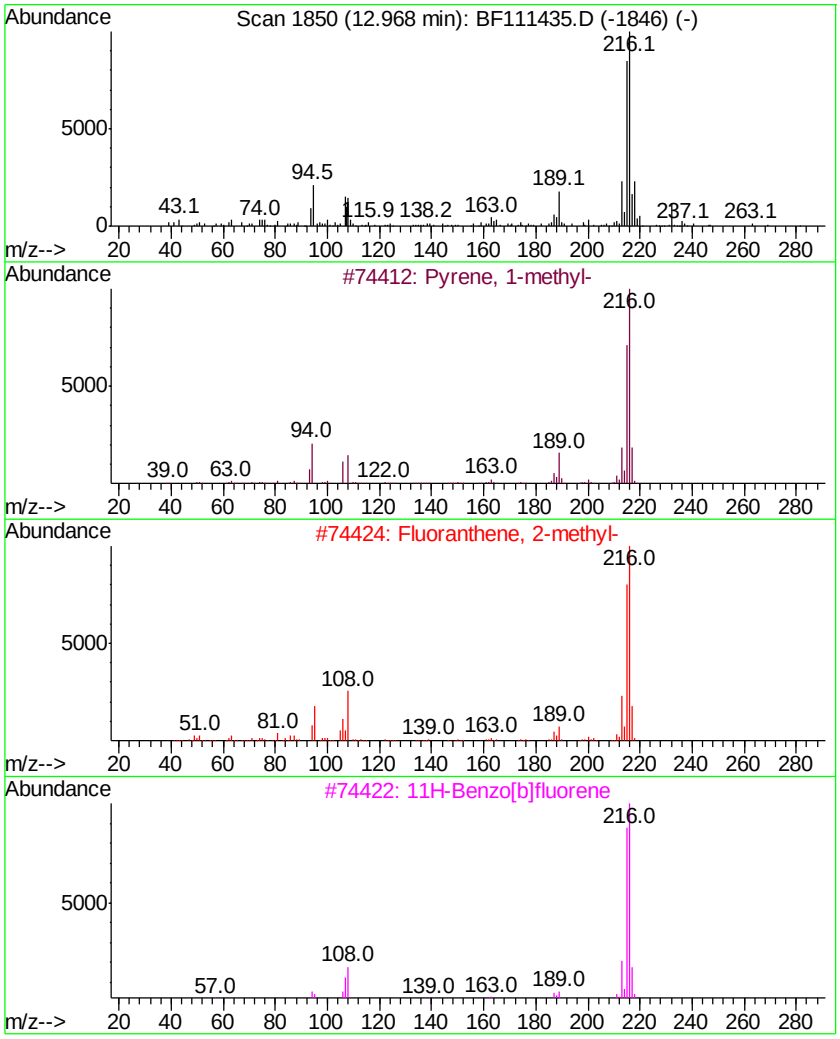
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

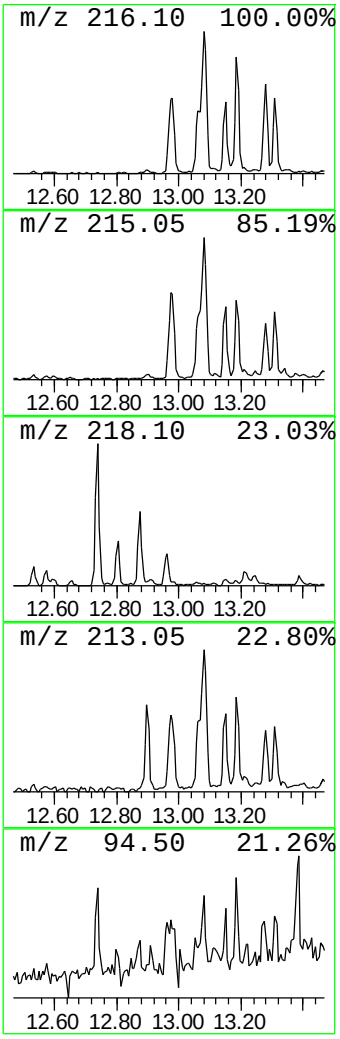
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.21 ng	297971	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Library Search Compound Report

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Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : EB04-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

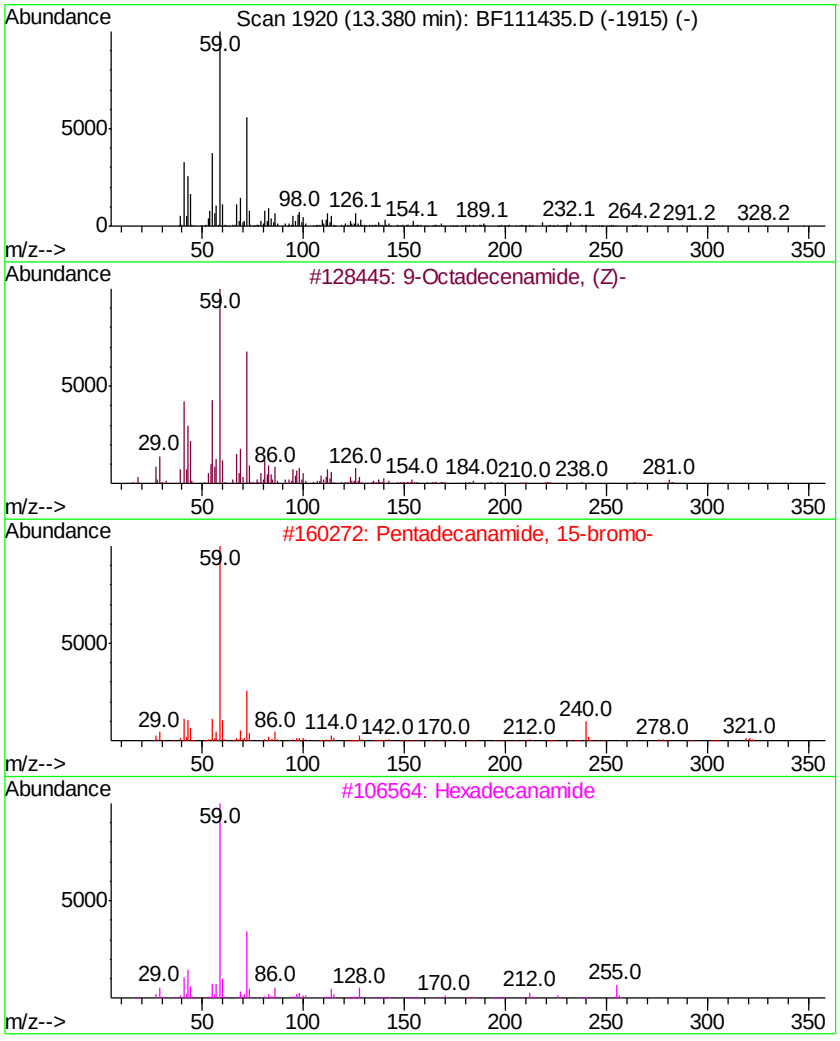
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

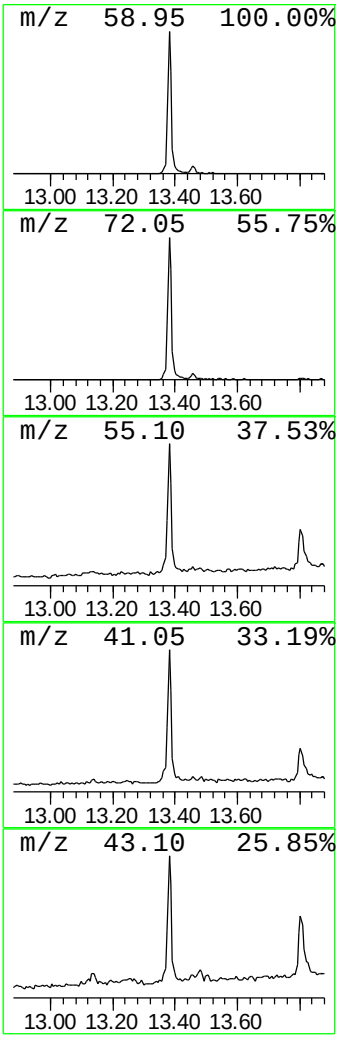
****

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.78 ng	913054	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
5	Nonanamide	157	C9H19NO	001120-07-6	53





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ClientSampleId : EB04-0-2

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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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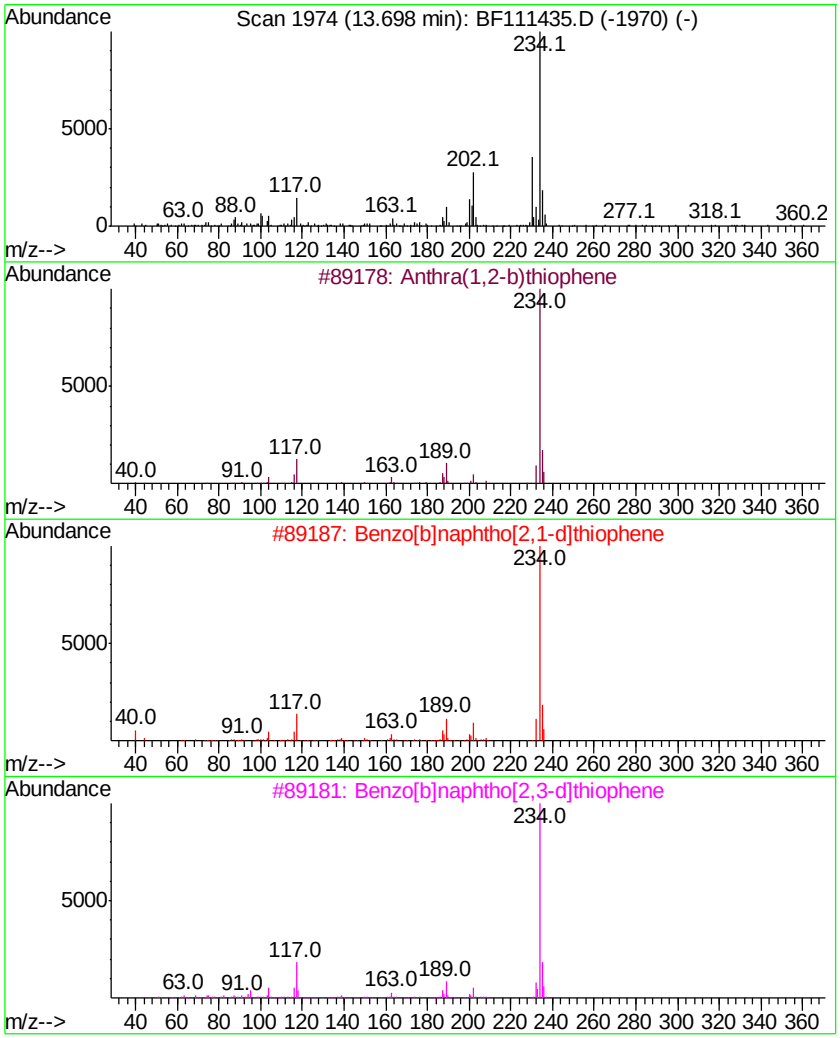
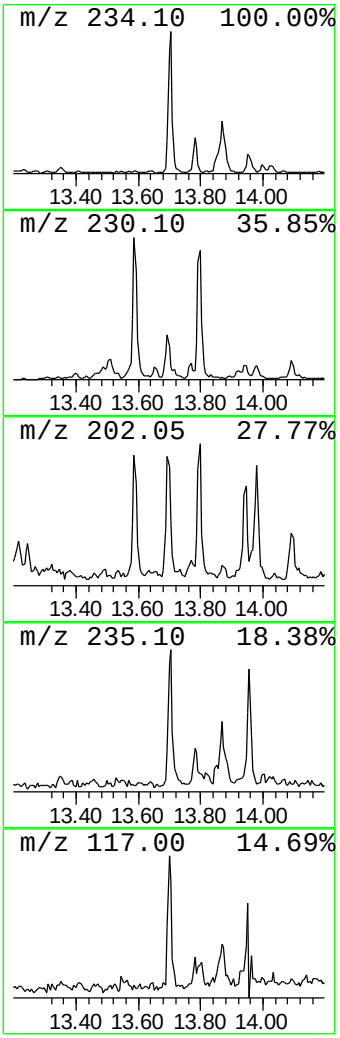
Peak Number 16 Anthra(1,2-b)thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.46 ng	331519	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	55
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53





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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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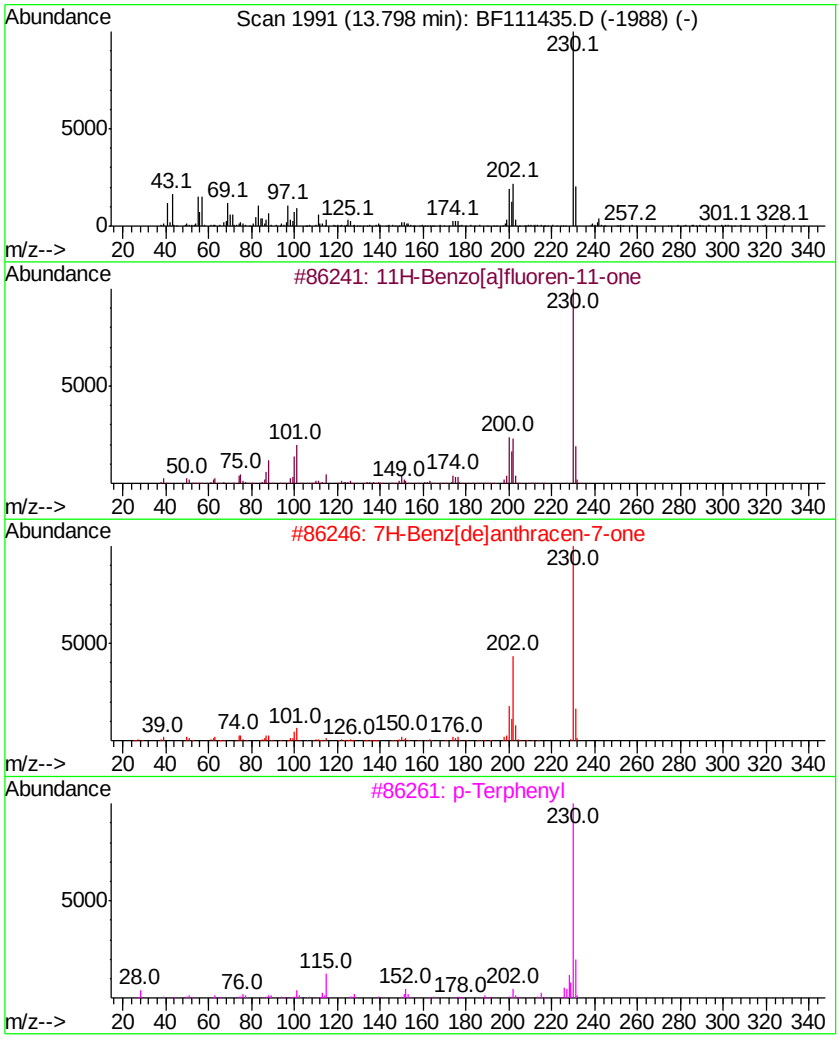
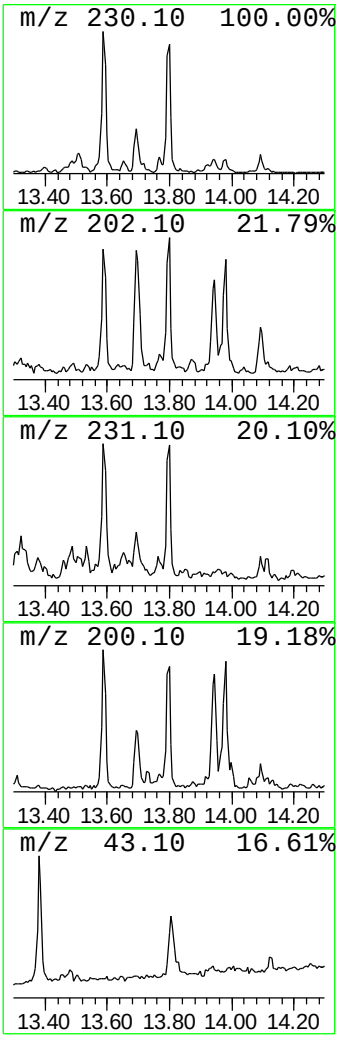
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.82 ng	514363	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	p-Terphenyl	230	C18H14	000092-94-4	50
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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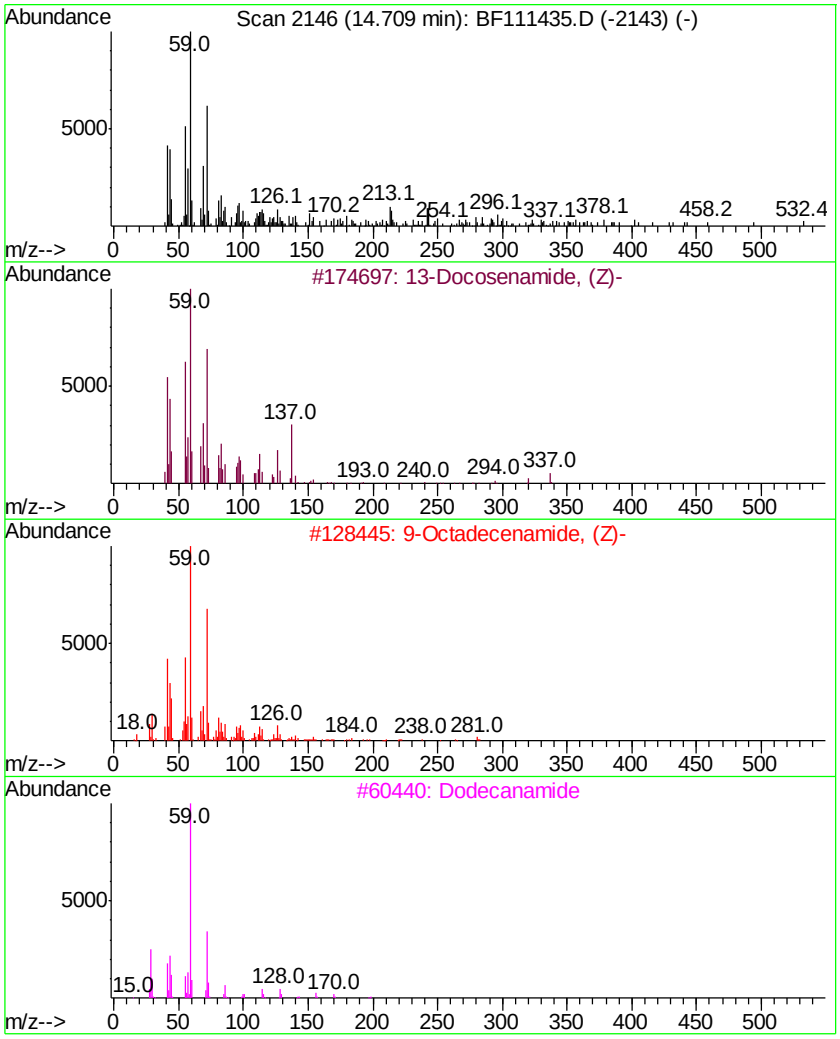
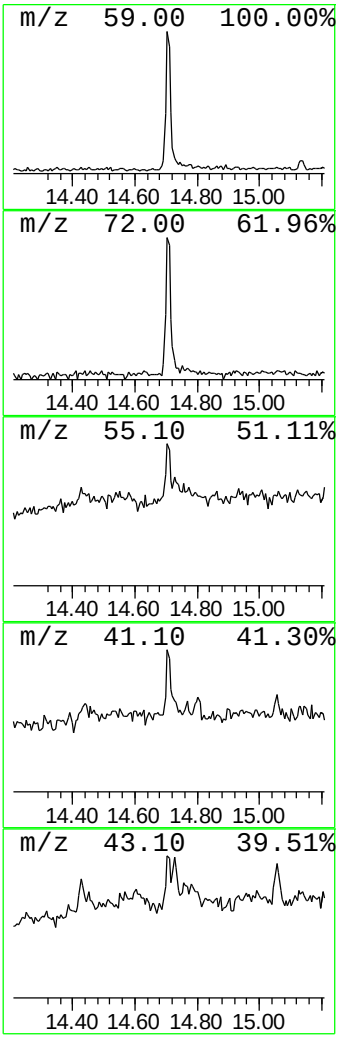
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	6.96 ng	225023	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3	Dodecanamide	199	C12H25NO	001120-16-7	70
4	Octadecanamide	283	C18H37NO	000124-26-5	53
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	43





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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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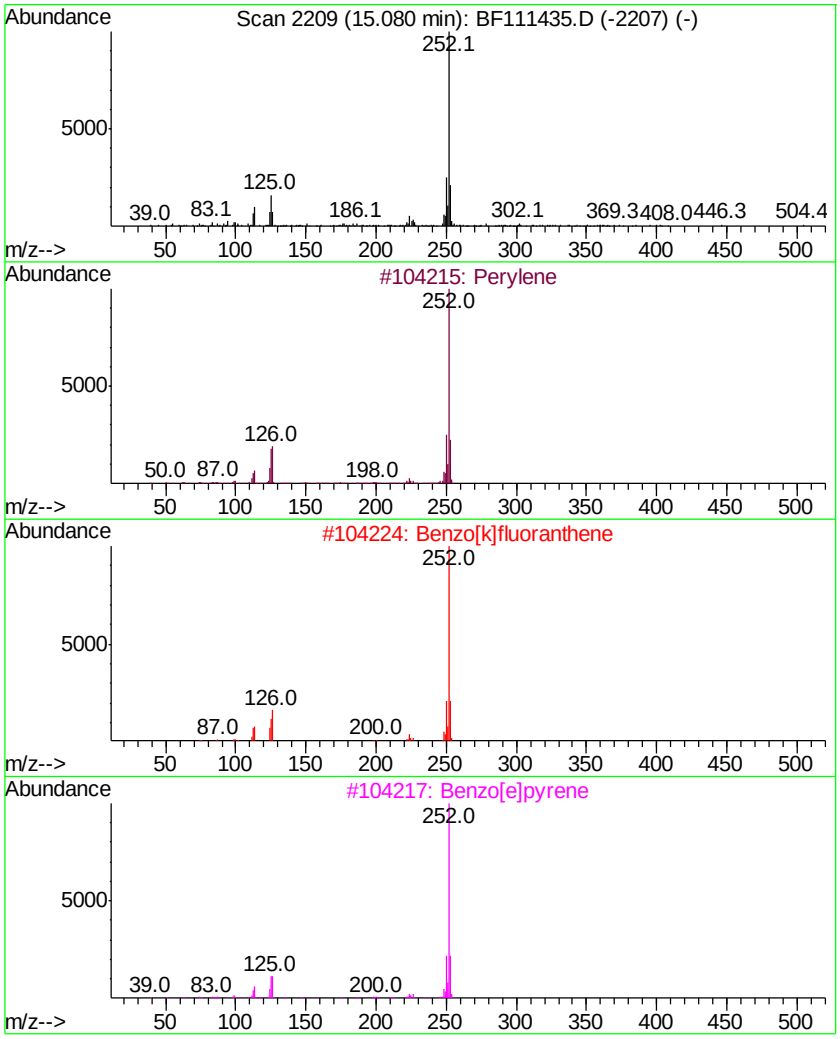
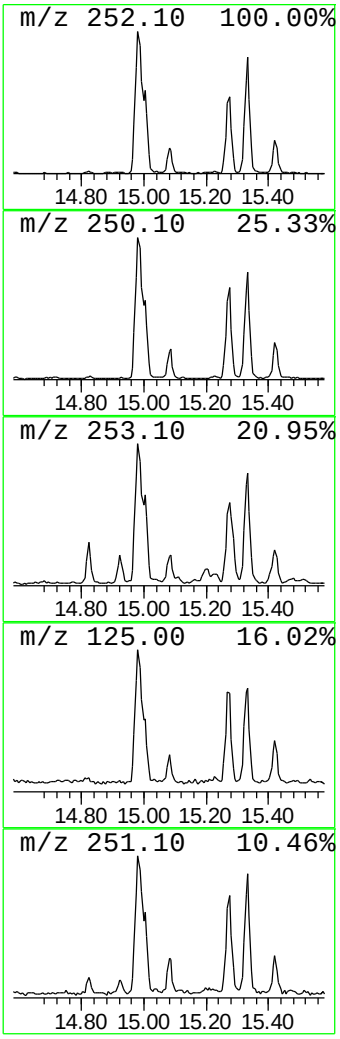
Peak Number 19 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.57 ng	147692	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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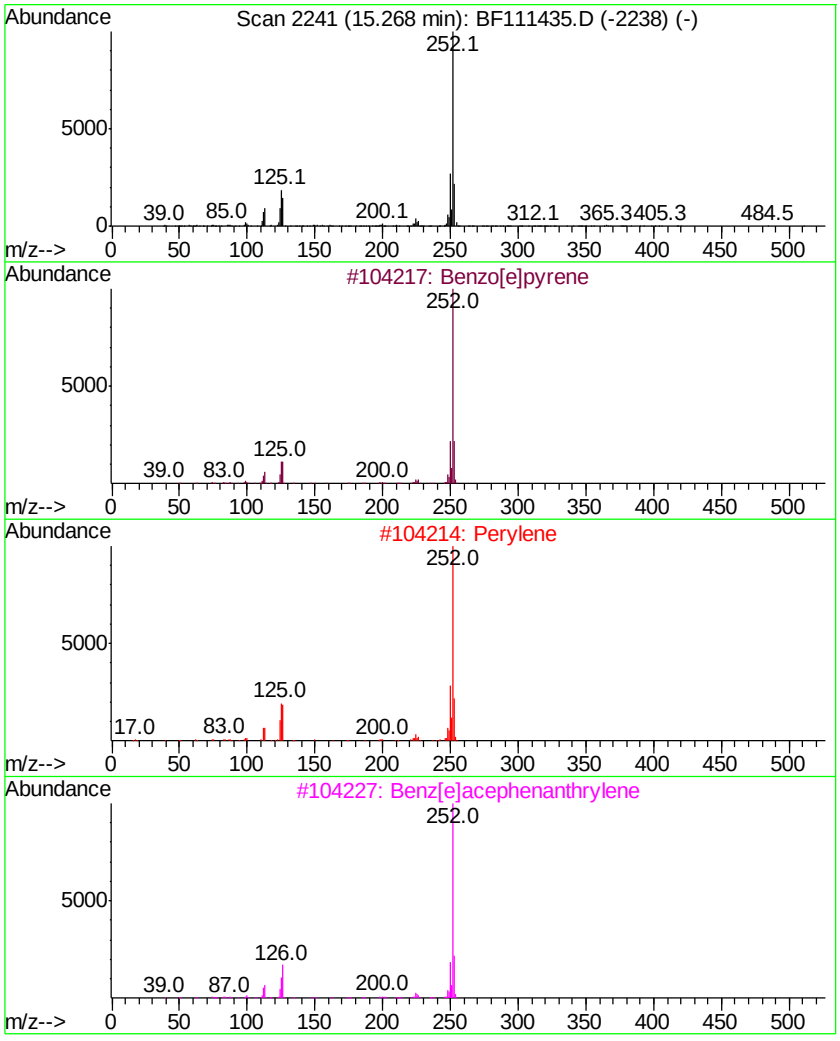
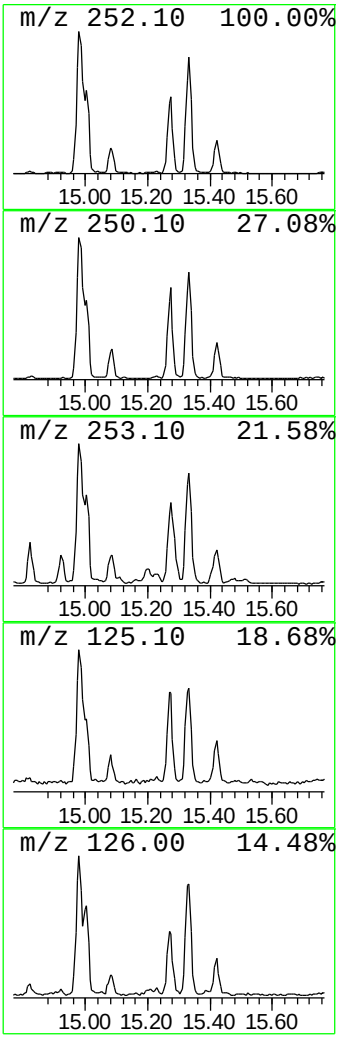
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	19.73 ng	638243	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
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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
2-Pentanone, 4-hy...	4.99	4.8	ng	251308	1	6.79	1036810	20.0
unknown6.57	6.57	60.4	ng	3128380	1	6.79	1036810	20.0
Phenanthrene, 2-m...	11.82	4.6	ng	221774	4	11.32	966092	20.0
Phenanthrene, 1-m...	11.85	10.1	ng	486228	4	11.32	966092	20.0
Anthracene, 2-met...	11.89	2.4	ng	115596	4	11.32	966092	20.0
4H-Cyclopenta[def...	11.93	8.7	ng	418636	4	11.32	966092	20.0
9,10-Anthracenedione	12.13	4.0	ng	194843	4	11.32	966092	20.0
Phenanthrene, 2,5...	12.37	3.9	ng	187226	4	11.32	966092	20.0
Cyclopenta(def)ph...	12.45	4.0	ng	195172	4	11.32	966092	20.0
Pyrene, 1-methyl-	12.97	2.2	ng	297971	5	13.96	2692130	20.0
9-Octadecenamide,...	13.38	6.8	ng	913054	5	13.96	2692130	20.0
Anthra(1,2-b)thio...	13.70	2.5	ng	331519	5	13.96	2692130	20.0
11H-Benzo[a]fluor...	13.80	3.8	ng	514363	5	13.96	2692130	20.0
13-Docosenamide, ...	14.71	7.0	ng	225023	6	15.39	647058	20.0
Perylene	15.08	4.6	ng	147692	6	15.39	647058	20.0
Benzo[e]pyrene	15.27	19.7	ng	638243	6	15.39	647058	20.0