LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF022020.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	4.928	479	483	498	rVB	152652	230860	9.25%	0.759%
2	5.357	553	556	583	rBV	1556060	2000048	80.12%	6.574%
3	6.381	727	730	753	rBV	1696550	1991214	79.76%	6.545%
4	6.722	785	788	796	rBV	653456	630132	25.24%	2.071%
5	6.880	811	815	827	rBV	2070094	1830502	73.32%	6.017%
6	7.292	881	885	902	rBV	1333284	1312167	52.56%	4.313%
7	8.004	1003	1006	1021	rVB	830162	835569	33.47%	2.747%
8	8.722	1126	1128	1135	rBV	49670	48549	1.94%	0.160%
9	8.822	1141	1145	1150	rVB	29467	32241	1.29%	0.106%
10	9.080	1185	1189	1192	rBV	2905426	2496464	100.00%	8.206%
11	9.351	1232	1235	1240	rBV3	19358	27780	1.11%	0.091%
12	9.422	1244	1247	1249	rBV	27187	29789	1.19%	0.098%
13	9.474	1253	1256	1265	rVB	283948	296549	11.88%	0.975%
14	9.621	1278	1281	1286	rBV	29091	30397	1.22%	0.100%
15	9.757	1297	1304	1307	rBV	979275	858806	34.40%	2.823%
16	9.792	1307	1310	1316	rVB	146305	150435	6.03%	0.494%
17	9.969	1336	1340	1344	rBV	104987	100408	4.02%	0.330%
18	10.310	1394	1398	1404	rBV	192264	203901	8.17%	0.670%
19	10.463	1422	1424	1427	rVB	44274	40080	1.61%	0.132%
20	10.551	1436	1439	1451	rBV	1366867	1313240	52.60%	4.317%
21	10.674	1458	1460	1466	rVB2	37490	39151	1.57%	0.129%
22	10.857	1486	1491	1494	rBV2	43605	48279	1.93%	0.159%
23	10.980	1507	1512	1514	rBV2	24165	32714	1.31%	0.108%
24	11.104	1529	1533	1536	rBV4	32123	44776	1.79%	0.147%
25	11.139	1536	1539	1545	rVB	80808	90438	3.62%	0.297%
26	11.245	1553	1557	1559	rBV	838755	774481	31.02%	2.546%
27	11.268	1559	1561	1565	rVV	1350766	1067055	42.74%	3.507%
28	11.321	1566	1570	1574	rVB	365482	321533	12.88%	1.057%
29	11.486	1593	1598	1604	rBV2	121660	155713	6.24%	0.512%
30	11.745	1639	1642	1645	rBV	156131	147522	5.91%	0.485%
31	11.774	1645	1647	1653	rVB	252825	237828	9.53%	0.782%
32	11.821	1653	1655	1658	rBV	73735	67269	2.69%	0.221%
33	11.857	1658	1661	1664	rBV	269387	280618	11.24%	0.922%
34	12.039	1689	1692	1697	rBV	112836	93450	3.74%	0.307%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.086	1697	1700	1703	rBV2	43838	39847	1.60%	0.131%
36	12.186	1714	1717	1721	rBV3	34126	35959	1.44%	0.118%
37	12.221	1721	1723	1726	rBV	39090	33613	1.35%	0.110%
38	12.298	1732	1736	1738	rBV	77609	88527	3.55%	0.291%
39	12.333	1738	1742	1744	rVV3	51336	70008	2.80%	0.230%
40	12.398	1747	1753	1758	rVB2	62684	93914	3.76%	0.309%
41	12.457	1760	1763	1767	rBV	1422755	1380880	55.31%	4.539%
42	12.527	1772	1775	1778	rVB2	32387	40421	1.62%	0.133%
43	12.610	1786	1789	1792	rBV	78705	66851	2.68%	0.220%
44	12.686	1796	1802	1808	rBV2	1209063	1395045	55.88%	4.586%
45	12.739	1808	1811	1816	rVB2	75657	83540	3.35%	0.275%
46	12.821	1820	1825	1829	rBV	2211818	2193033	87.85%	7.209%
47	12.857	1829	1831	1835	rVB	73281	79451	3.18%	0.261%
48	12.910	1835	1840	1844	rBV2	97193	176631	7.08%	0.581%
49	12.945	1844	1846	1851	rVB	28124	31729	1.27%	0.104%
50	12.992	1851	1854	1855	rBV2	77588	77792	3.12%	0.256%
51	13.015	1855	1858	1862	rVB	246656	253663	10.16%	0.834%
52	13.080	1866	1869	1872	rVV	181522	155985	6.25%	0.513%
53	13.121	1872	1876	1883	rVB3	140993	210279	8.42%	0.691%
54	13.174	1883	1885	1888	rVB2	33984	35393	1.42%	0.116%
55	13.215	1889	1892	1894	rBV	74921	67271	2.69%	0.221%
56	13.245	1894	1897	1900	rBV	84207	77949	3.12%	0.256%
57	13.321	1906	1910	1915	rBV6	23723	49090	1.97%	0.161%
58	13.392	1920	1922	1924	rBV2	34902	29927	1.20%	0.098%
59	13.498	1938	1940	1943	rBV3	26759	31872	1.28%	0.105%
60	13.533	1943	1946	1949	rVV	97711	101277	4.06%	0.333%
61	13.639	1961	1964	1966	rBV2	114074	127150	5.09%	0.418%
62	13.657	1966	1967	1970	rVV	114585	104835	4.20%	0.345%
63	13.692	1970	1973	1974	rVV	96424	93008	3.73%	0.306%
64	13.745	1977	1982	1988	rVB2	183787	319701	12.81%	1.051%
65	13.886	1998	2006	2009	rBV3	1051048	1738964	69.66%	5.716%
66	13.915	2009	2011	2014	rVB	570475	492230	19.72%	1.618%
67	13.992	2022	2024	2027	rVB	101658	90829	3.64%	0.299%
68	14.239	2063	2066	2067	rBV	47416	43853	1.76%	0.144%
69	14.274	2070	2072	2075	rVB	152627	129234	5.18%	0.425%
70	14.309	2076	2078	2081	rVB	64396	47541	1.90%	0.156%
71	14.345	2081	2084	2087	rBV3	54469	77474	3.10%	0.255%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.374	2087	2089	2091	rBV2	46830	40746	1.63%	0.134%
73	14.404	2091	2094	2095	rBV	46952	44710	1.79%	0.147%
74	14.762	2153	2155	2158	rVB2	55094	54102	2.17%	0.178%
75	14.915	2177	2181	2183	rBV	476299	650907	26.07%	2.140%
76	15.015	2195	2198	2203	rBV	105871	125519	5.03%	0.413%
77	15.203	2226	2230	2233	rBV	224953	258014	10.34%	0.848%
78	15.262	2236	2240	2244	rBV	342233	375425	15.04%	1.234%
79	15.315	2246	2249	2253	rVV	363938	431314	17.28%	1.418%
80	16.739	2487	2491	2498	rVB2	127635	240000	9.61%	0.789%
81	17.168	2559	2564	2570	rVB	84844	177132	7.10%	0.582%

Sum of corrected areas: 30422593

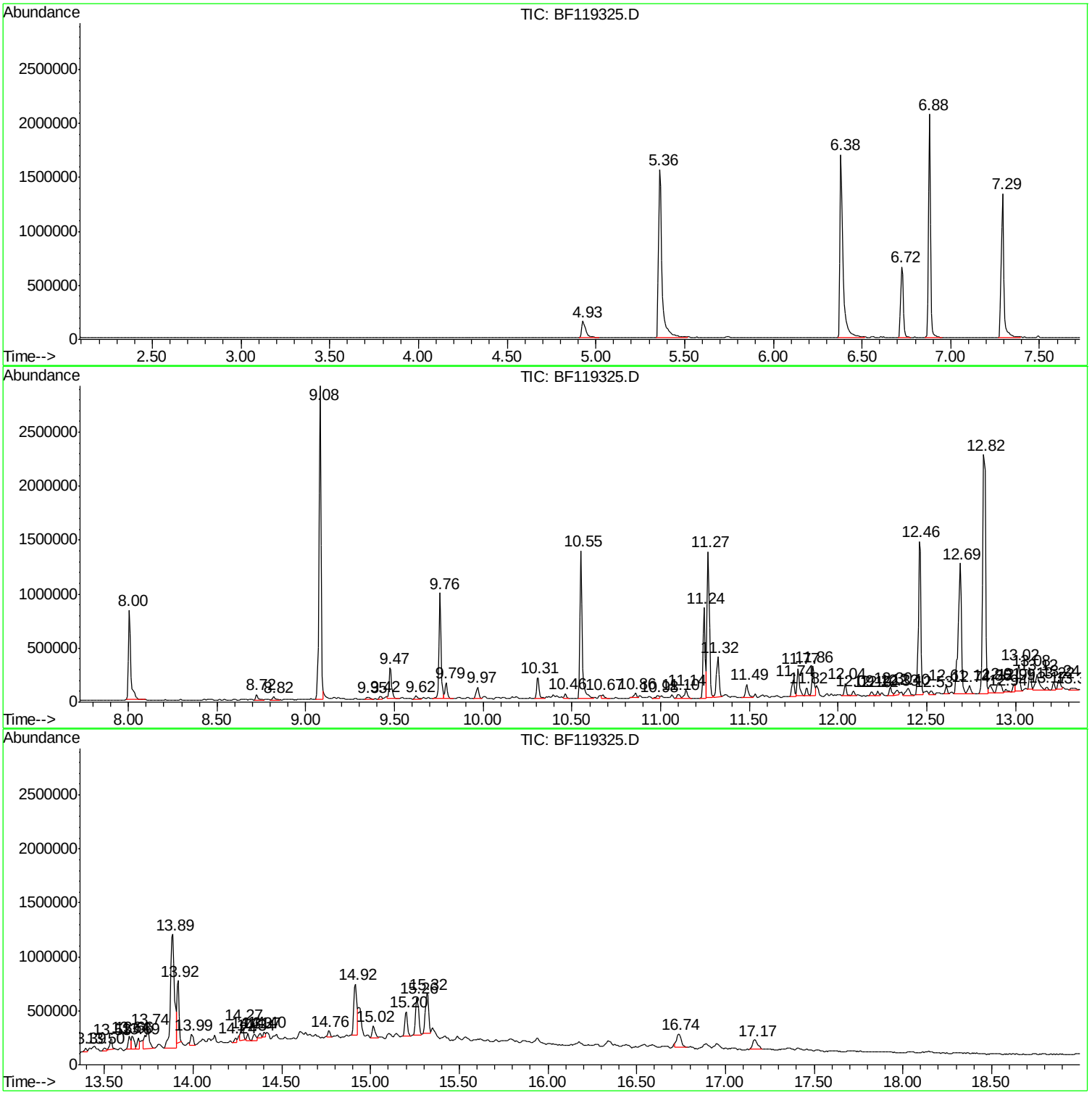
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

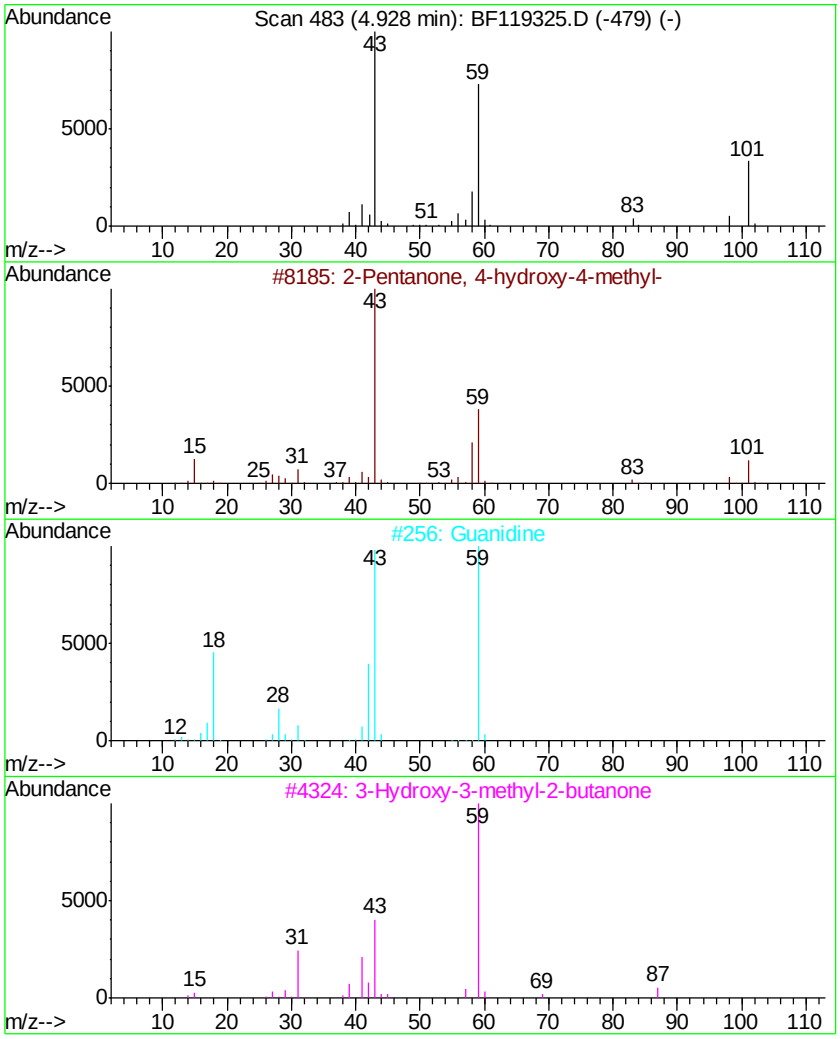
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

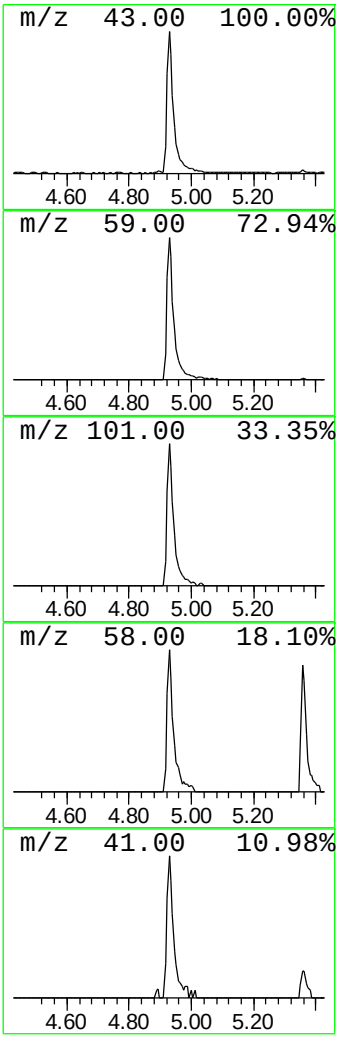
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	7.33 ng	230860	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

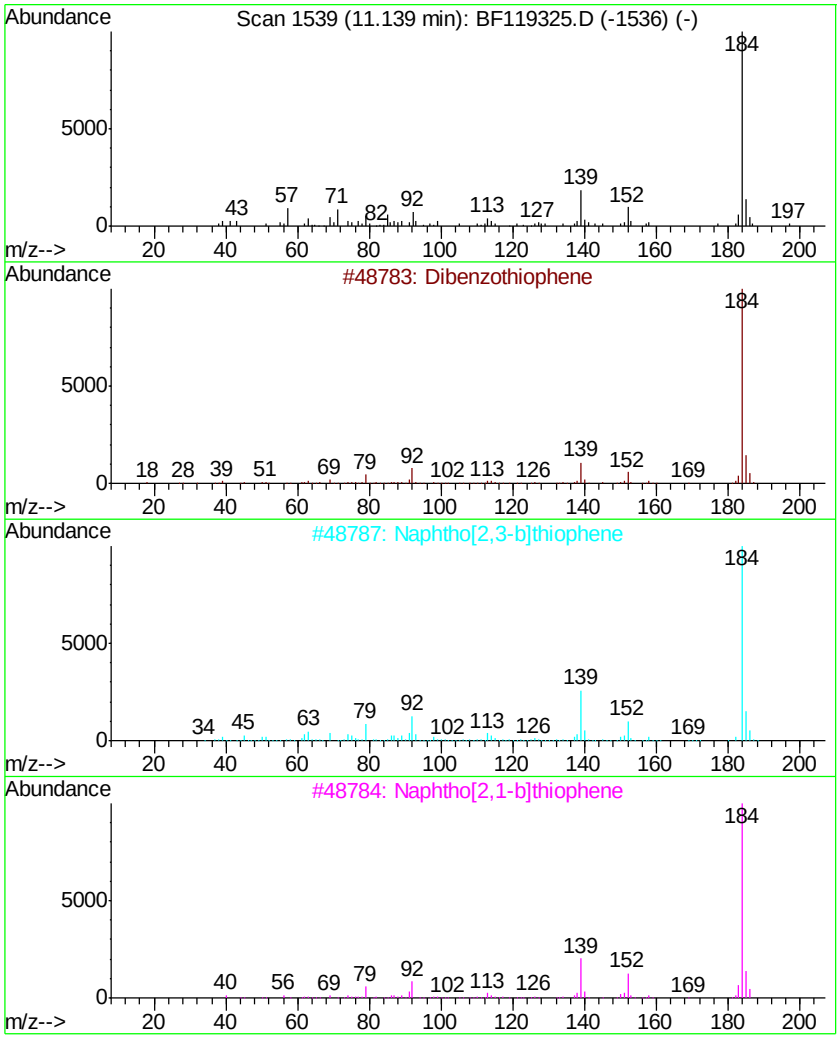
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

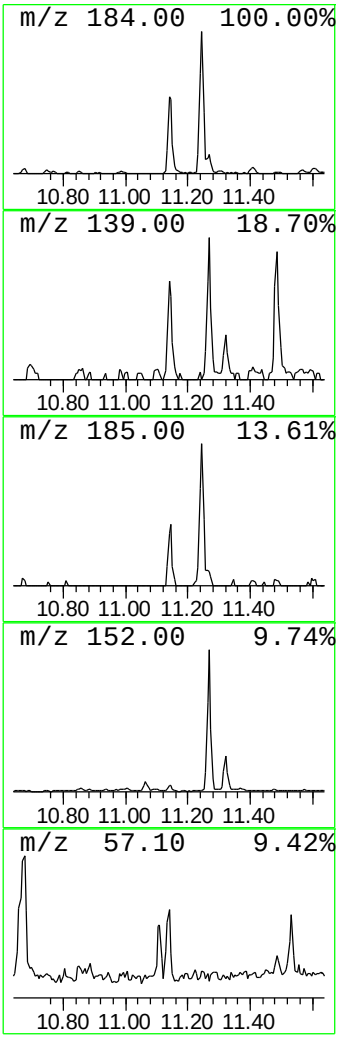
****

Peak Number 3 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.34 ng	90438	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

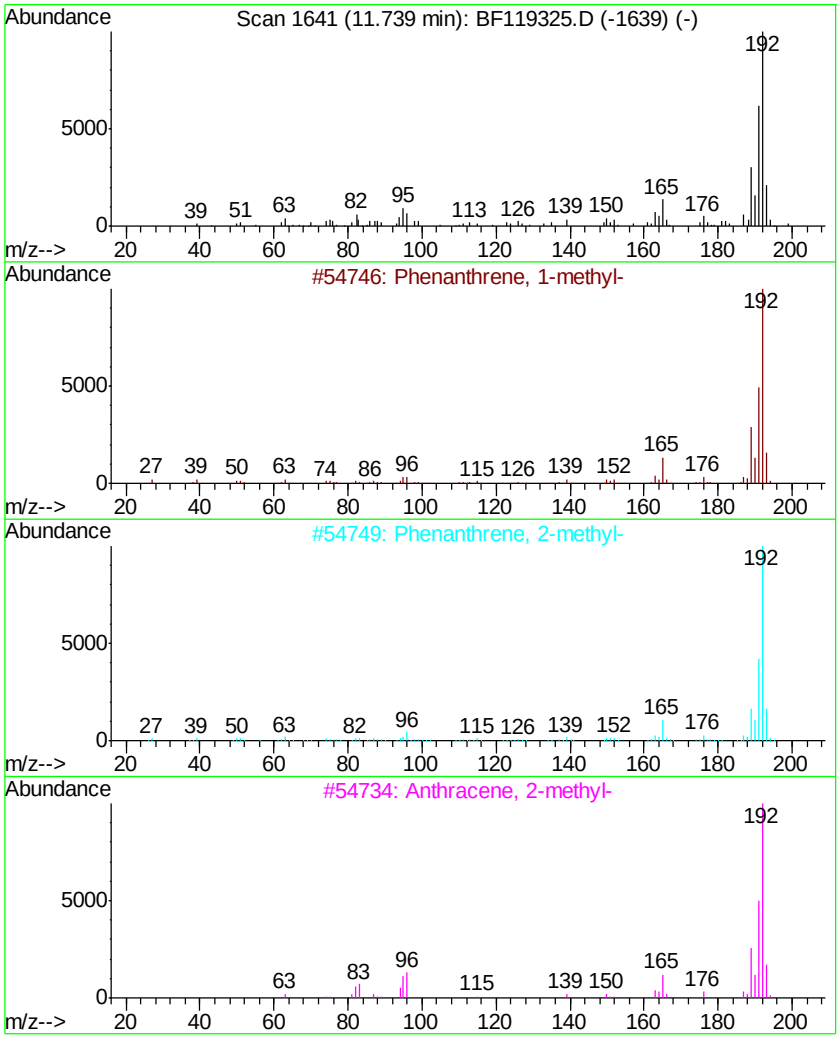
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

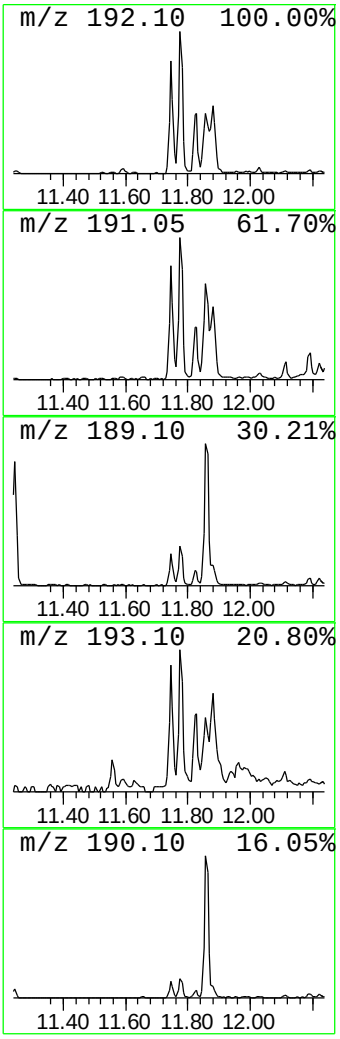
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.81 ng	147522	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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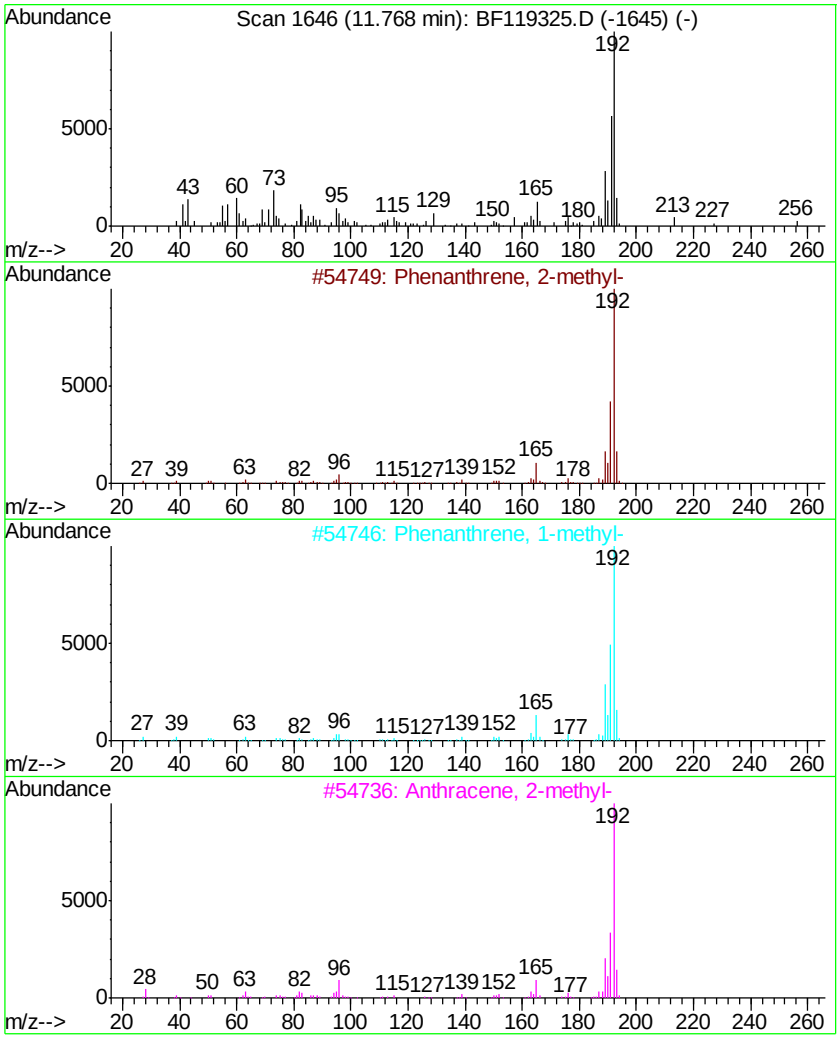
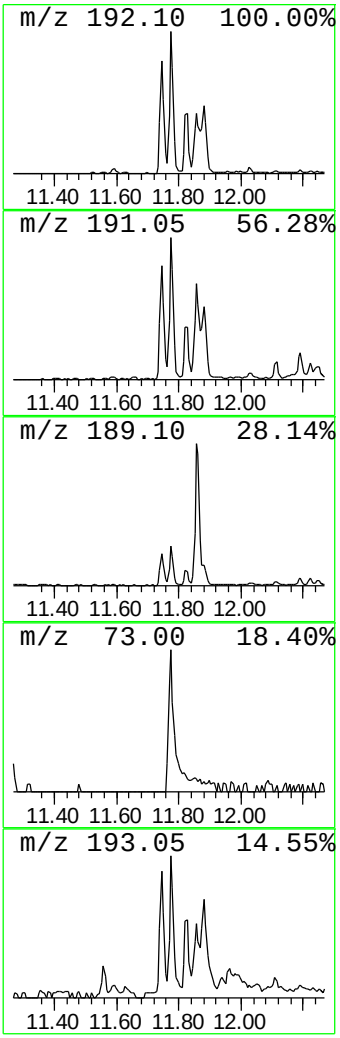
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.14 ng	237828	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

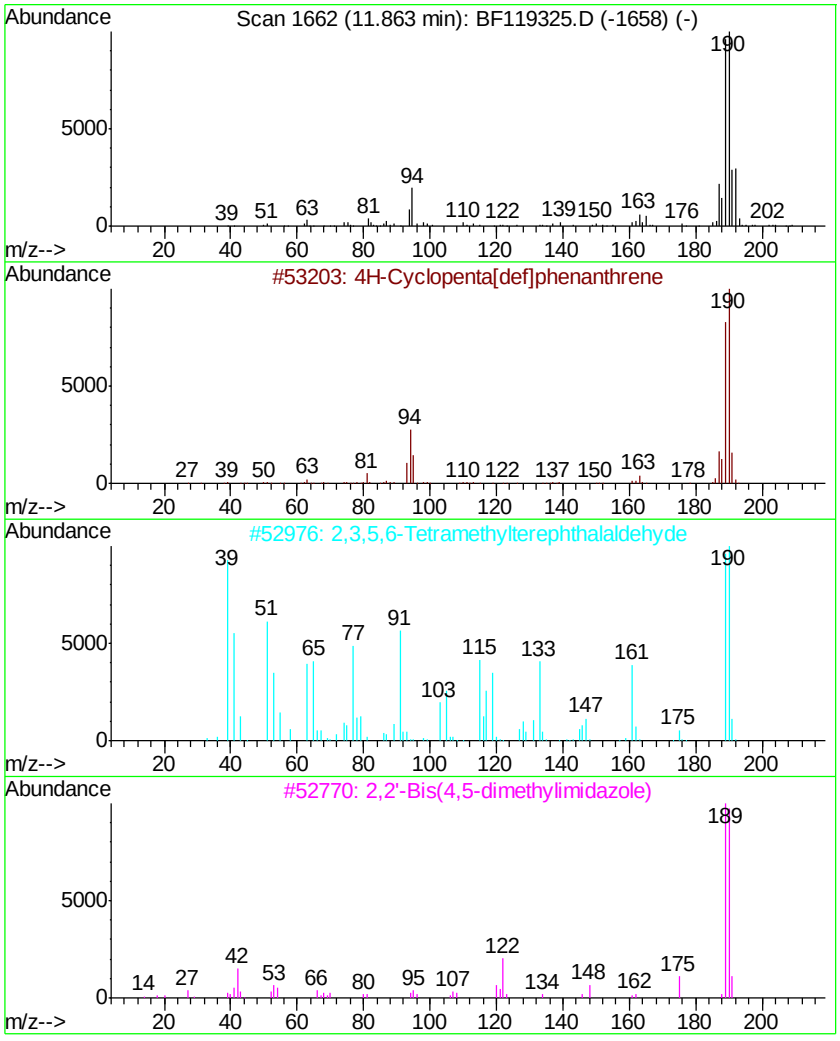
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

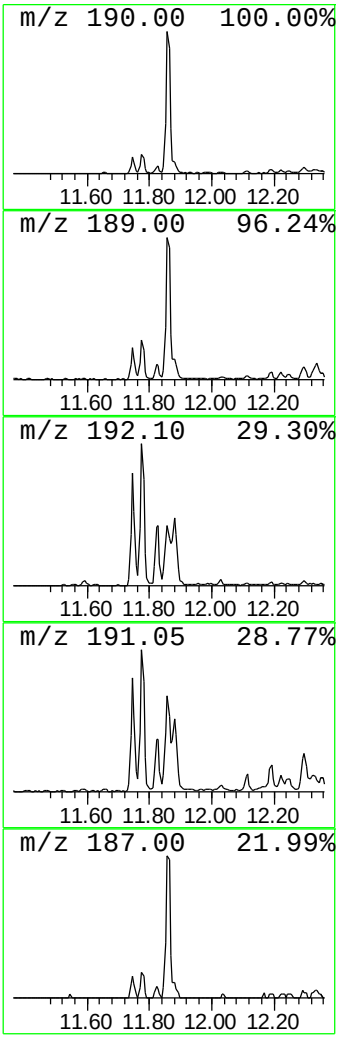
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.25 ng	280618	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

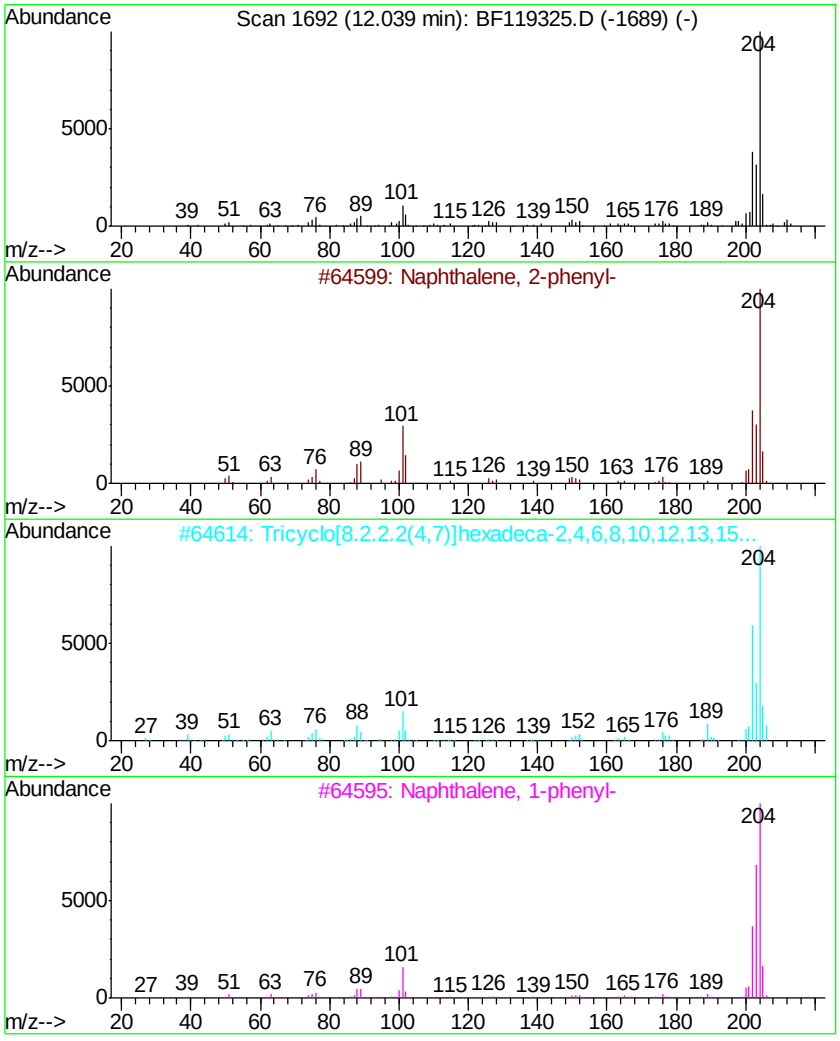
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

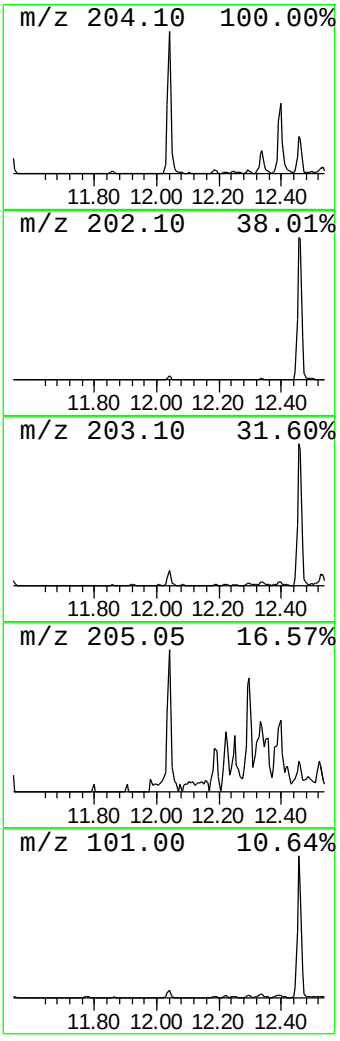
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.41 ng	93450	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52





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Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

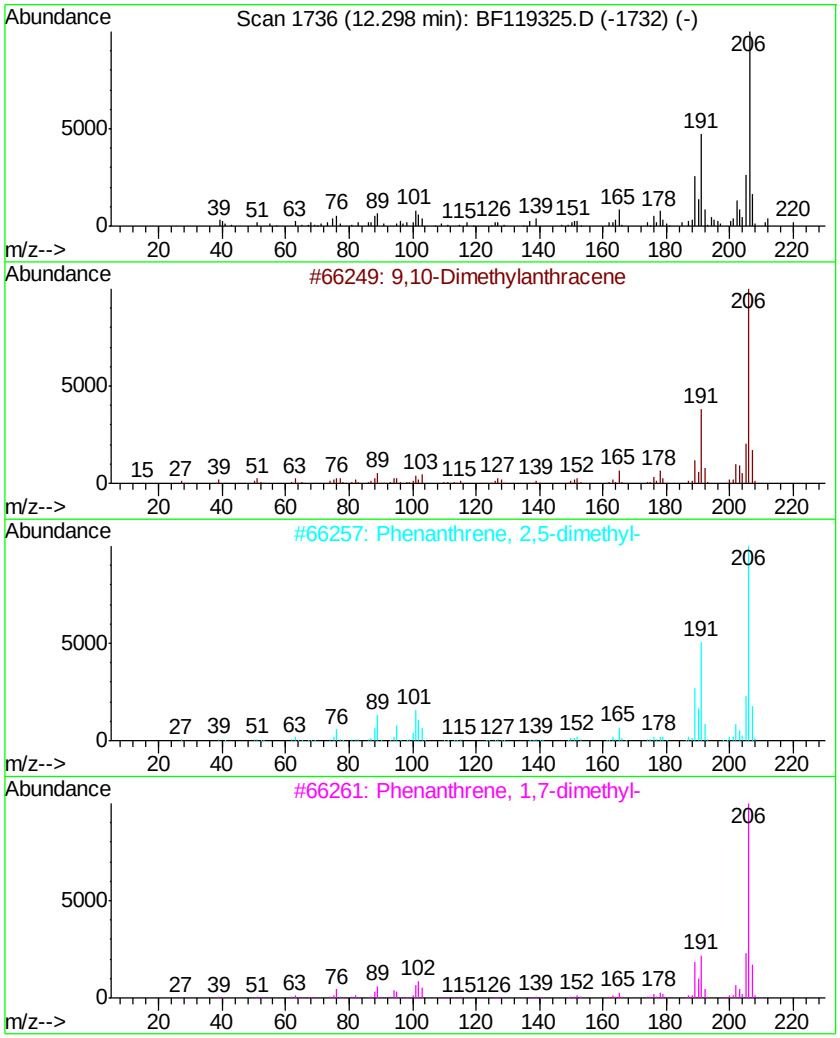
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

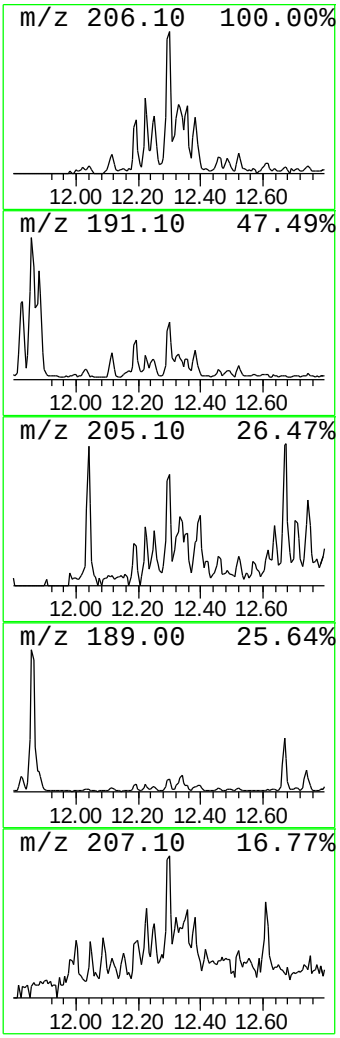
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.29 ng	88527	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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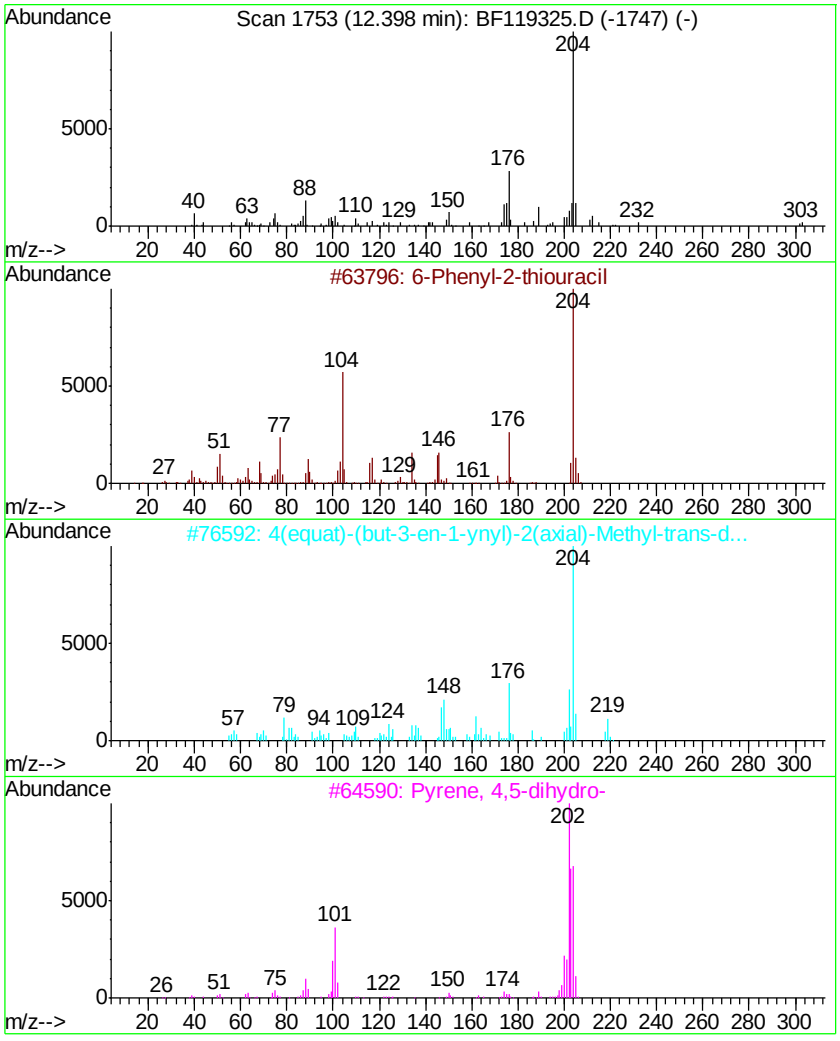
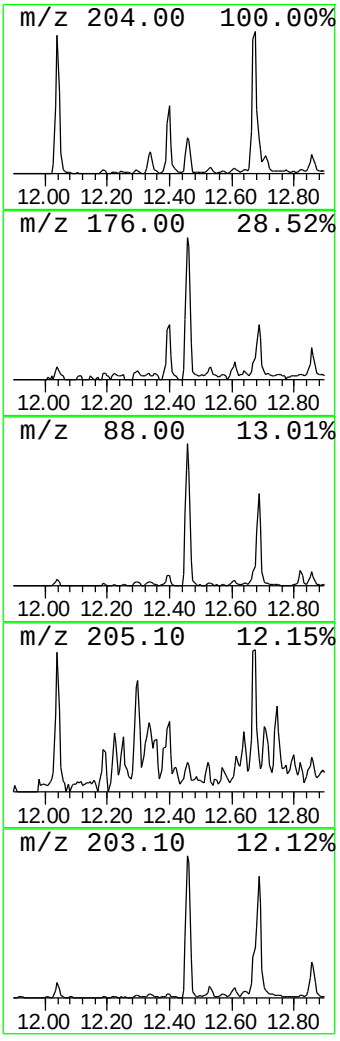
Peak Number 9 6-Phenyl-2-thiouracil Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.43 ng	93914	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	59
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	50
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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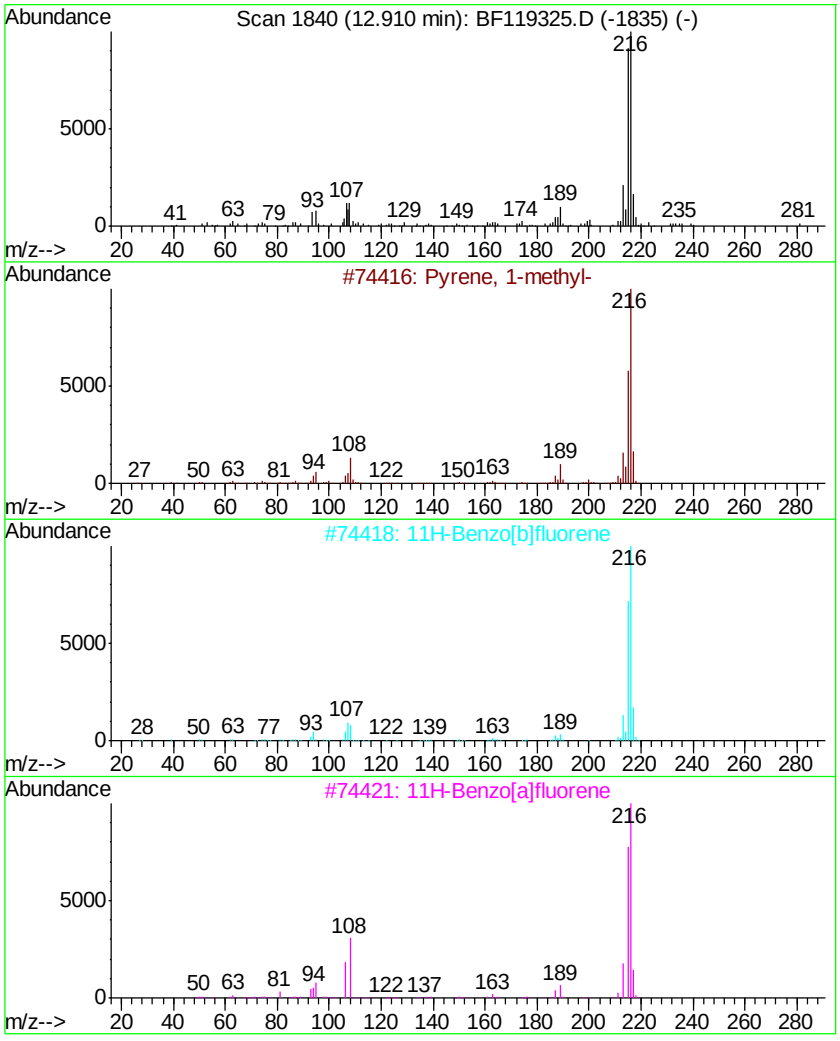
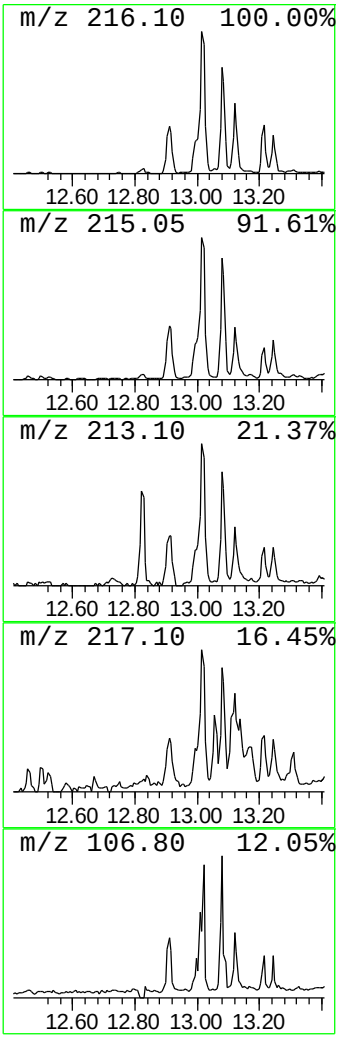
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.03 ng	176631	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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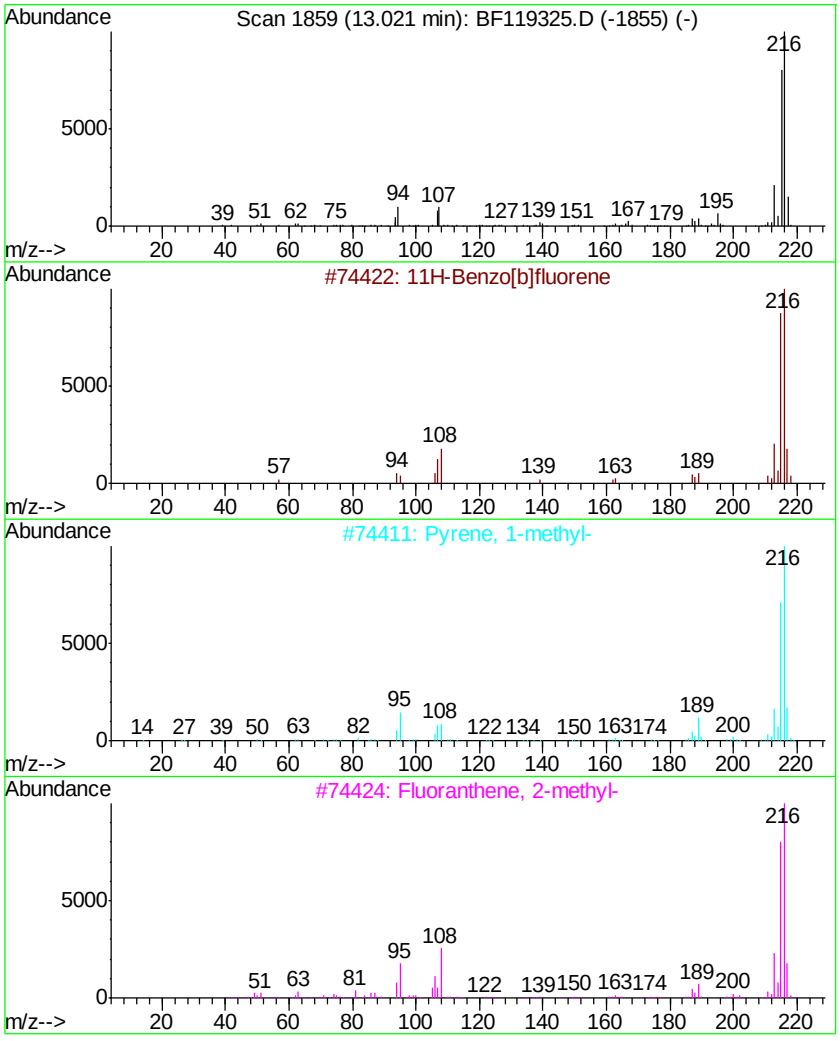
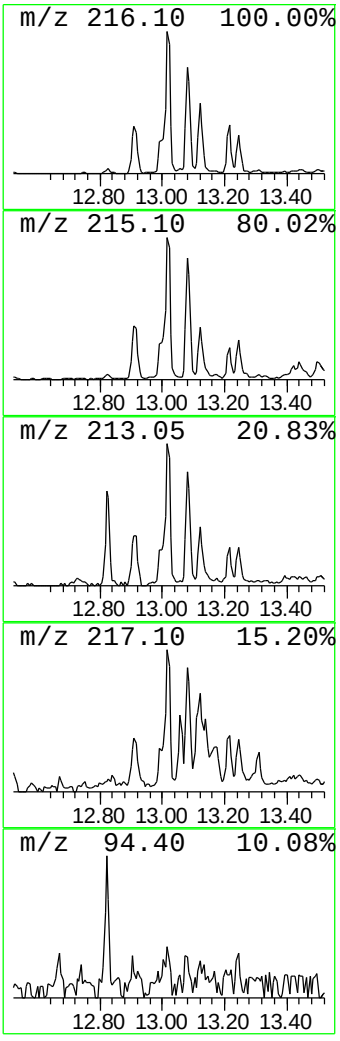
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.92 ng	253663	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Library Search Compound Report

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Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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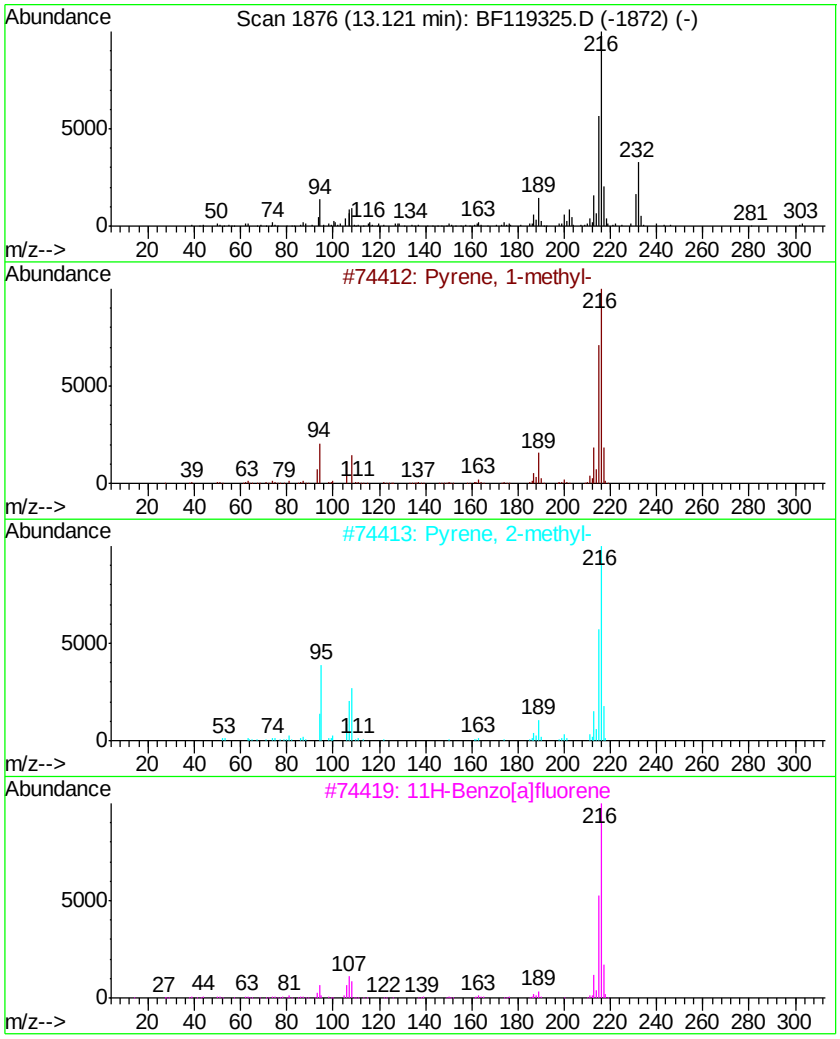
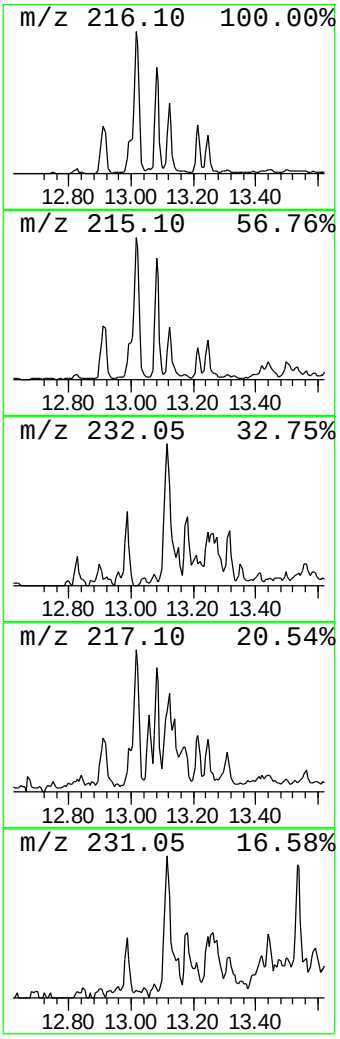
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.42 ng	210279	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





Library Search Compound Report

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Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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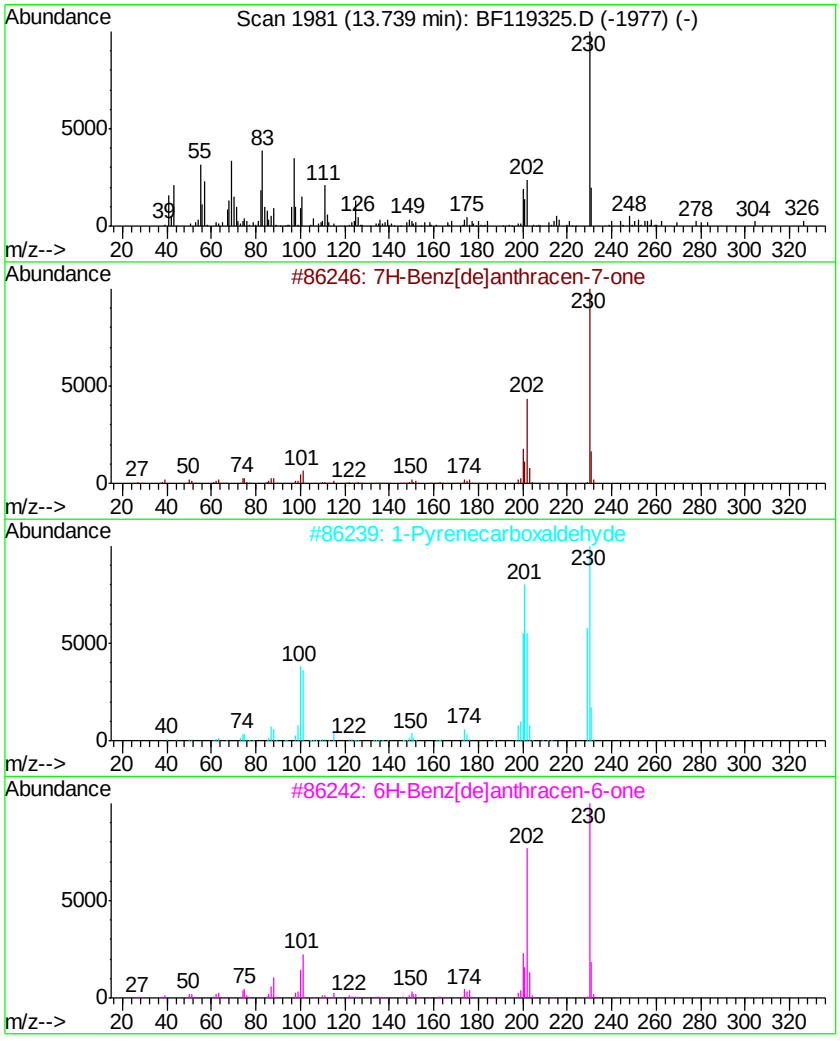
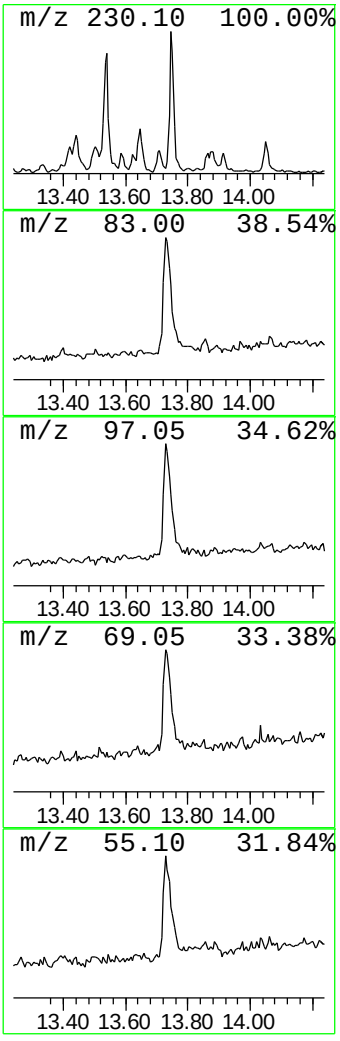
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.68 ng	319701	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

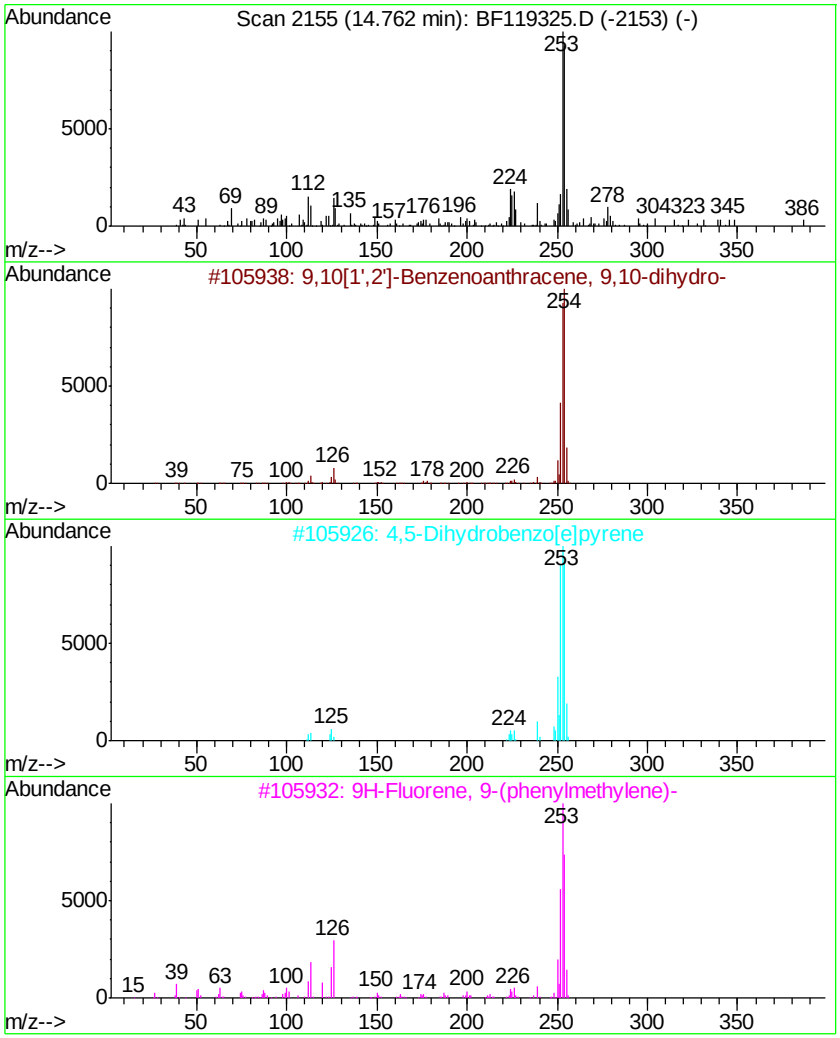
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

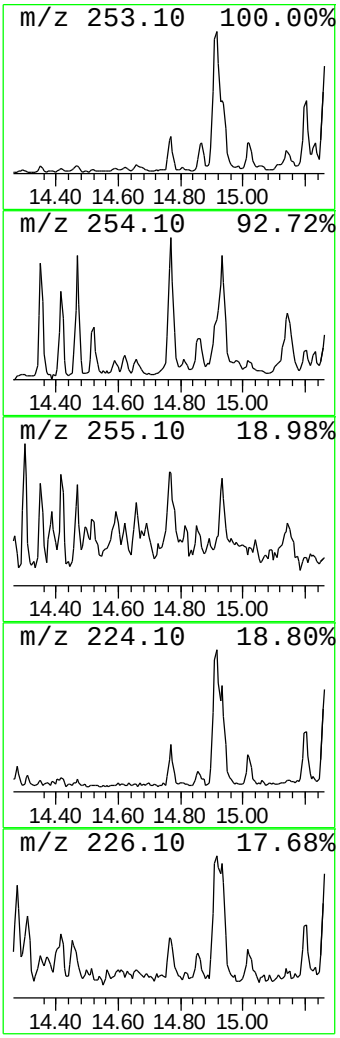
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10[1',2']-Benzenoanthrace... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.51 ng	54102	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	68





Library Search Compound Report

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Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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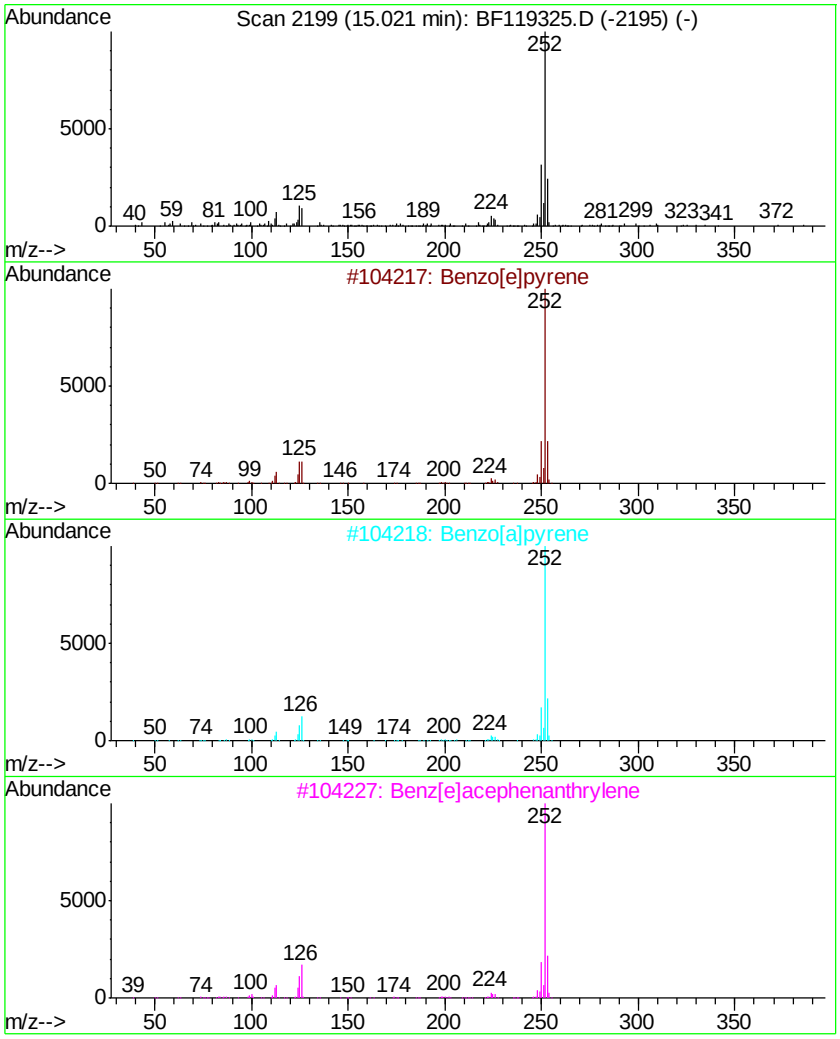
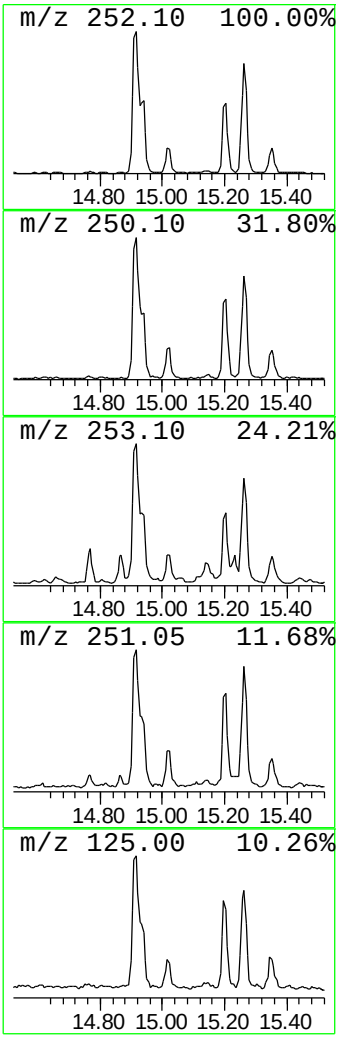
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.82 ng	125519	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
Data File : BF119325.D
Acq On : 10 Mar 2020 19:21
Operator : CG/JU
Sample : L1852-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.93	7.3	ng	230860	1	6.72	630132	20.0
Dibenzothiophene	11.14	2.3	ng	90438	4	11.24	774481	20.0
Phenanthrene, 1-m...	11.74	3.8	ng	147522	4	11.24	774481	20.0
Phenanthrene, 2-m...	11.77	6.1	ng	237828	4	11.24	774481	20.0
4H-Cyclopenta[def...	11.86	7.3	ng	280618	4	11.24	774481	20.0
Naphthalene, 2-ph...	12.04	2.4	ng	93450	4	11.24	774481	20.0
9,10-Dimethylanth...	12.30	2.3	ng	88527	4	11.24	774481	20.0
6-Phenyl-2-thiour...	12.40	2.4	ng	93914	4	11.24	774481	20.0
11H-Benzo[b]fluorene	12.91	2.0	ng	176631	5	13.89	1738960	20.0
11H-Benzo[a]fluorene	13.02	2.9	ng	253663	5	13.89	1738960	20.0
Pyrene, 2-methyl-	13.12	2.4	ng	210279	5	13.89	1738960	20.0
7H-Benz[de]anthra...	13.74	3.7	ng	319701	5	13.89	1738960	20.0
9,10[1',2']-Benze...	14.76	2.5	ng	54102	6	15.32	431314	20.0
Benzo[e]pyrene	15.02	5.8	ng	125519	6	15.32	431314	20.0