LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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-BF061918.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	5.178	479	483	494	rVB	96540	118622	12.32%	0.900%
2	5.584	549	552	572	rVB	714926	773798	80.38%	5.874%
3	6.595	719	724	734	rBV	737674	800735	83.17%	6.078%
4	6.725	742	746	749	rBV	858930	791438	82.21%	6.008%
5	6.760	749	752	758	rVB3	12834	11004	1.14%	0.084%
6	6.942	780	783	789	rVB	291949	237607	24.68%	1.804%
7	7.101	806	810	813	rBV	715539	643986	66.89%	4.888%
8	7.513	875	880	883	rBV	549453	517707	53.78%	3.930%
9	8.225	998	1001	1004	rBV	318596	296765	30.83%	2.253%
10	8.942	1119	1123	1129	rBV	29306	23941	2.49%	0.182%
11	9.042	1137	1140	1144	rVB	13520	11822	1.23%	0.090%
12	9.301	1179	1184	1187	rBV	1099896	962723	100.00%	7.308%
13	9.360	1191	1194	1198	rVV	13495	14557	1.51%	0.111%
14	9.401	1198	1201	1205	rVB2	16099	14297	1.49%	0.109%
15	9.572	1225	1230	1235	rBV	10764	14392	1.49%	0.109%
16	9.642	1235	1242	1245	rBV2	15223	15018	1.56%	0.114%
17	9.695	1245	1251	1256	rVV	143003	133521	13.87%	1.014%
18	9.848	1272	1277	1281	rBV	22527	23683	2.46%	0.180%
19	9.889	1281	1284	1287	rVB	14824	13393	1.39%	0.102%
20	9.989	1297	1301	1304	rVV	387509	320802	33.32%	2.435%
21	10.019	1304	1306	1312	rVB	73687	57326	5.95%	0.435%
22	10.195	1331	1336	1339	rBV2	33522	36703	3.81%	0.279%
23	10.389	1366	1369	1372	rBV2	26509	24823	2.58%	0.188%
24	10.536	1391	1394	1400	rVB	49127	46773	4.86%	0.355%
25	10.695	1419	1421	1425	rVB2	15210	13627	1.42%	0.103%
26	10.783	1432	1436	1440	rBV	571959	570700	59.28%	4.332%
27	10.878	1448	1452	1454	rBV2	20737	27336	2.84%	0.208%
28	11.113	1490	1492	1495	rVB4	14304	13556	1.41%	0.103%
29	11.189	1503	1505	1508	rBV2	19437	22081	2.29%	0.168%
30	11.236	1511	1513	1518	rVB4	10775	12015	1.25%	0.091%
31	11.289	1519	1522	1525	rBV	17905	19464	2.02%	0.148%
32	11.319	1525	1527	1530	rBV2	15725	20132	2.09%	0.153%
33	11.378	1535	1537	1543	rVB	18587	19198	1.99%	0.146%
34	11.483	1551	1555	1557	rBV	380354	337162	35.02%	2.559%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.507	1557	1559	1562	rVV	317609	267234	27.76%	2.029%
36	11.560	1565	1568	1572	rVV	105648	92102	9.57%	0.699%
37	11.595	1572	1574	1577	rVB2	11484	12175	1.26%	0.092%
38	11.719	1593	1595	1598	rBV	21232	20290	2.11%	0.154%
39	11.742	1598	1599	1602	rVB	18271	11006	1.14%	0.084%
40	11.819	1609	1612	1616	rVB2	13192	14009	1.46%	0.106%
41	11.907	1624	1627	1631	rVB2	17259	19034	1.98%	0.144%
42	11.983	1637	1640	1643	rBV	48730	46729	4.85%	0.355%
43	12.013	1643	1645	1648	rVV	66822	57851	6.01%	0.439%
44	12.060	1651	1653	1656	rVV	31265	28932	3.01%	0.220%
45	12.101	1656	1660	1662	rVV2	87992	99455	10.33%	0.755%
46	12.119	1662	1663	1666	rVV	36633	27575	2.86%	0.209%
47	12.148	1666	1668	1674	rVB4	11871	13706	1.42%	0.104%
48	12.277	1687	1690	1693	rBV2	55735	45780	4.76%	0.348%
49	12.319	1695	1697	1700	rVV2	30699	23774	2.47%	0.180%
50	12.430	1711	1716	1719	rBV3	28618	38052	3.95%	0.289%
51	12.460	1719	1721	1723	rVV	21982	15023	1.56%	0.114%
52	12.489	1723	1726	1731	rBV3	36156	37114	3.86%	0.282%
53	12.536	1731	1734	1737	rBV3	65994	68850	7.15%	0.523%
54	12.636	1746	1751	1753	rBV2	41567	50935	5.29%	0.387%
55	12.707	1759	1763	1766	rBV	617959	543422	56.45%	4.125%
56	12.766	1771	1773	1775	rBV2	16767	15566	1.62%	0.118%
57	12.877	1790	1792	1795	rVB2	22444	18741	1.95%	0.142%
58	12.919	1795	1799	1800	rBV2	121842	129931	13.50%	0.986%
59	12.942	1800	1803	1807	rVV	524093	511336	53.11%	3.882%
60	12.983	1807	1810	1814	rVB	38058	39635	4.12%	0.301%
61	13.072	1820	1825	1828	rBV	915802	933623	96.98%	7.087%
62	13.101	1828	1830	1834	rVB	33652	37222	3.87%	0.283%
63	13.160	1834	1840	1844	rBV2	45536	96001	9.97%	0.729%
64	13.266	1850	1858	1861	rBV3	99315	166907	17.34%	1.267%
65	13.330	1866	1869	1871	rBV	56498	44111	4.58%	0.335%
66	13.371	1873	1876	1878	rVV2	43026	37820	3.93%	0.287%
67	13.466	1889	1892	1894	rBV	46874	42663	4.43%	0.324%
68	13.495	1894	1897	1899	rBV	50054	47350	4.92%	0.359%
69	13.613	1915	1917	1919	rBV	35553	26092	2.71%	0.198%
70	13.777	1943	1945	1948	rBV	56245	54616	5.67%	0.415%
71	13.889	1961	1964	1966	rBV	60897	52378	5.44%	0.398%

LSC Area Percent Report

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Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.913	1966	1968	1970	rVV	61869	43129	4.48%	0.327%
73	13.942	1970	1973	1979	rVV3	148293	176488	18.33%	1.340%
74	13.989	1979	1981	1984	rVB	55881	47917	4.98%	0.364%
75	14.142	2002	2007	2010	rBV2	413290	642613	66.75%	4.878%
76	14.171	2010	2012	2015	rVB	303674	236493	24.57%	1.795%
77	14.254	2023	2026	2031	rBV2	66500	95124	9.88%	0.722%
78	14.536	2072	2074	2076	rVB	66035	45634	4.74%	0.346%
79	14.571	2078	2080	2082	rBV	63345	61074	6.34%	0.464%
80	15.236	2188	2193	2200	rVB	240886	511538	53.13%	3.883%
81	15.560	2244	2248	2251	rBV	123880	144155	14.97%	1.094%
82	15.624	2256	2259	2266	rVB	170745	213741	22.20%	1.623%
83	15.695	2267	2271	2274	rBV	166281	207888	21.59%	1.578%

Sum of corrected areas: 13173541

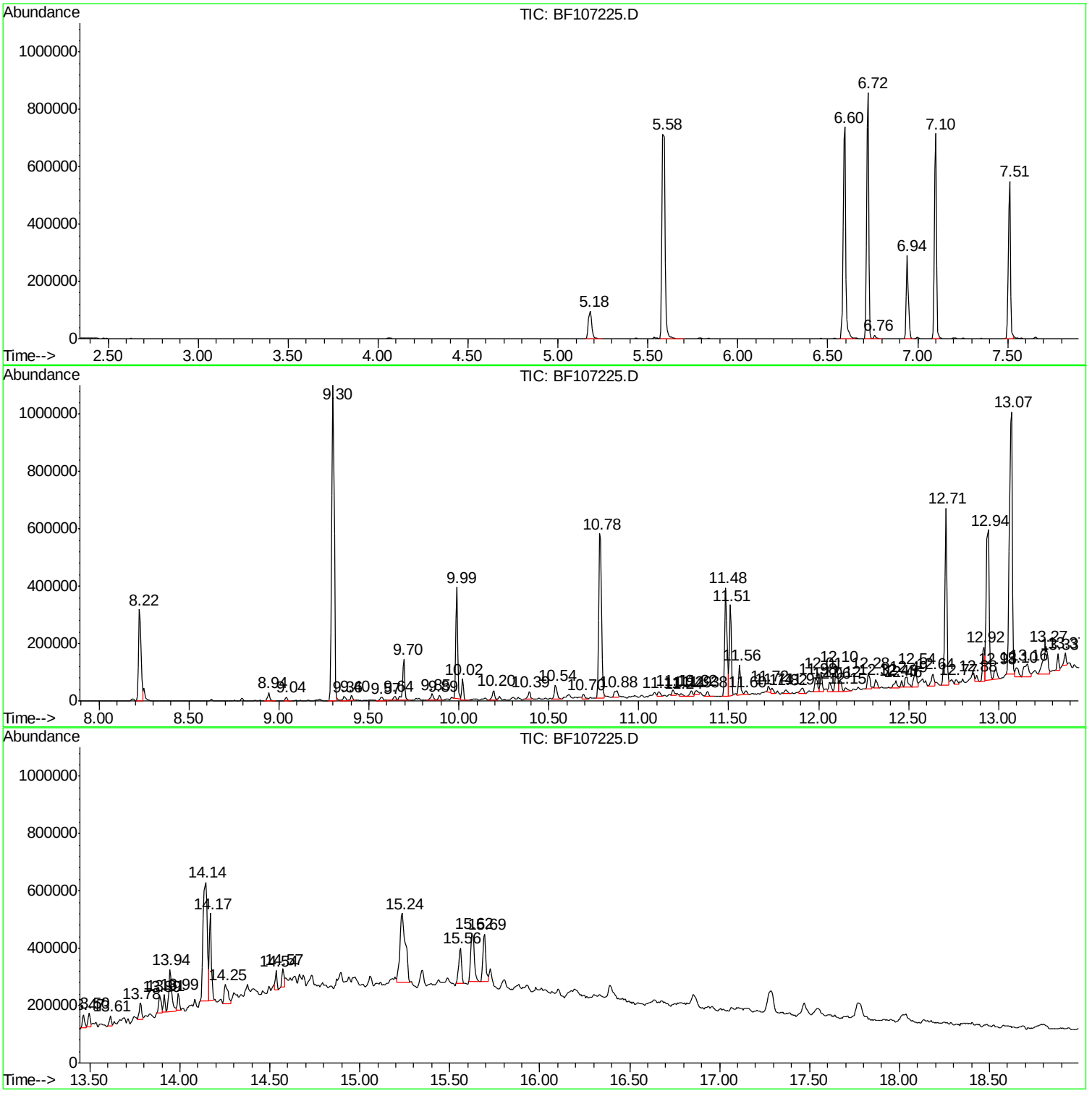
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

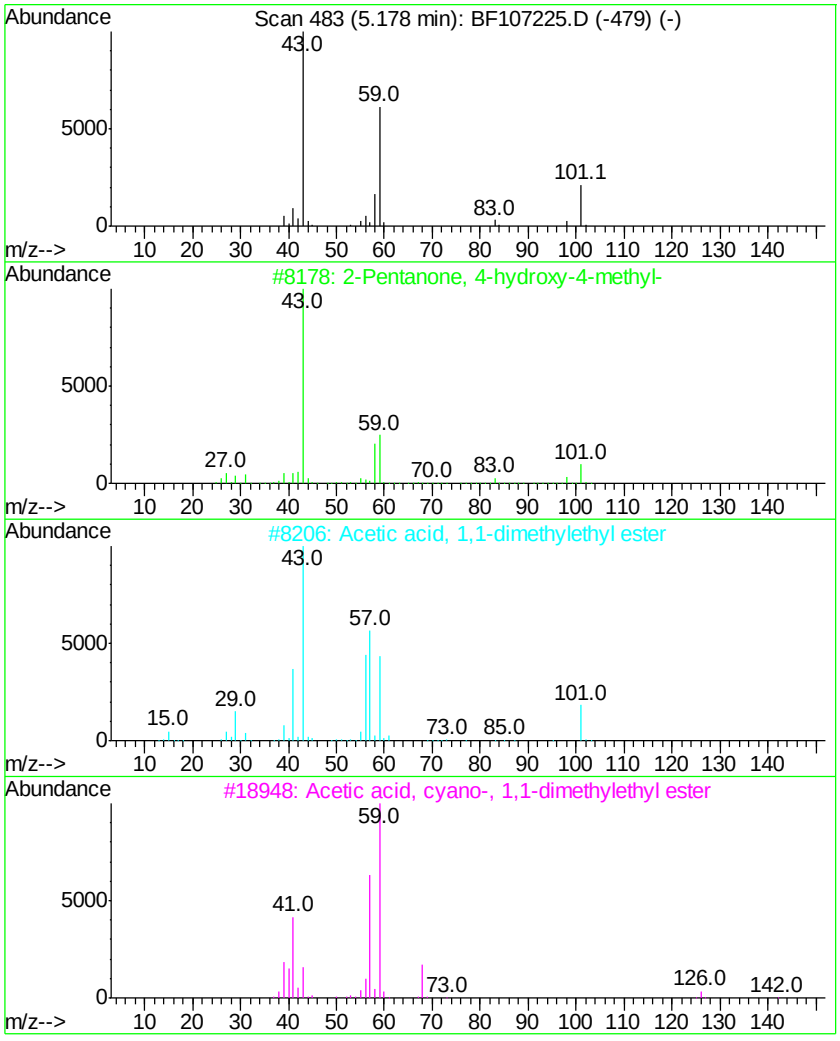
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

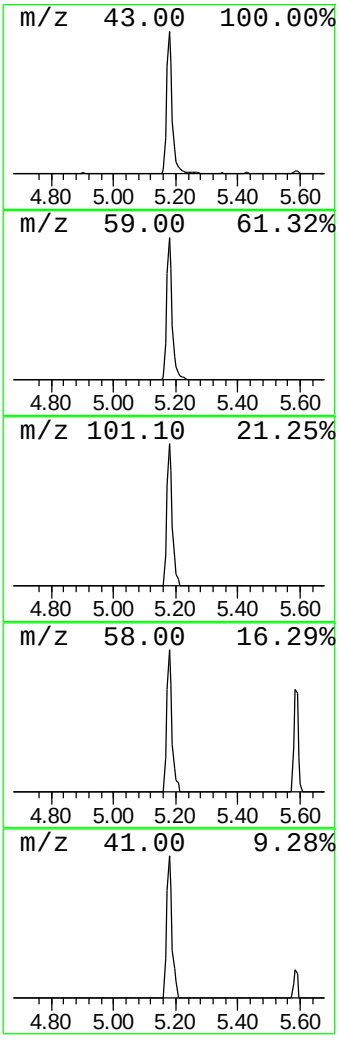
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.98 ng	118622	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
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Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

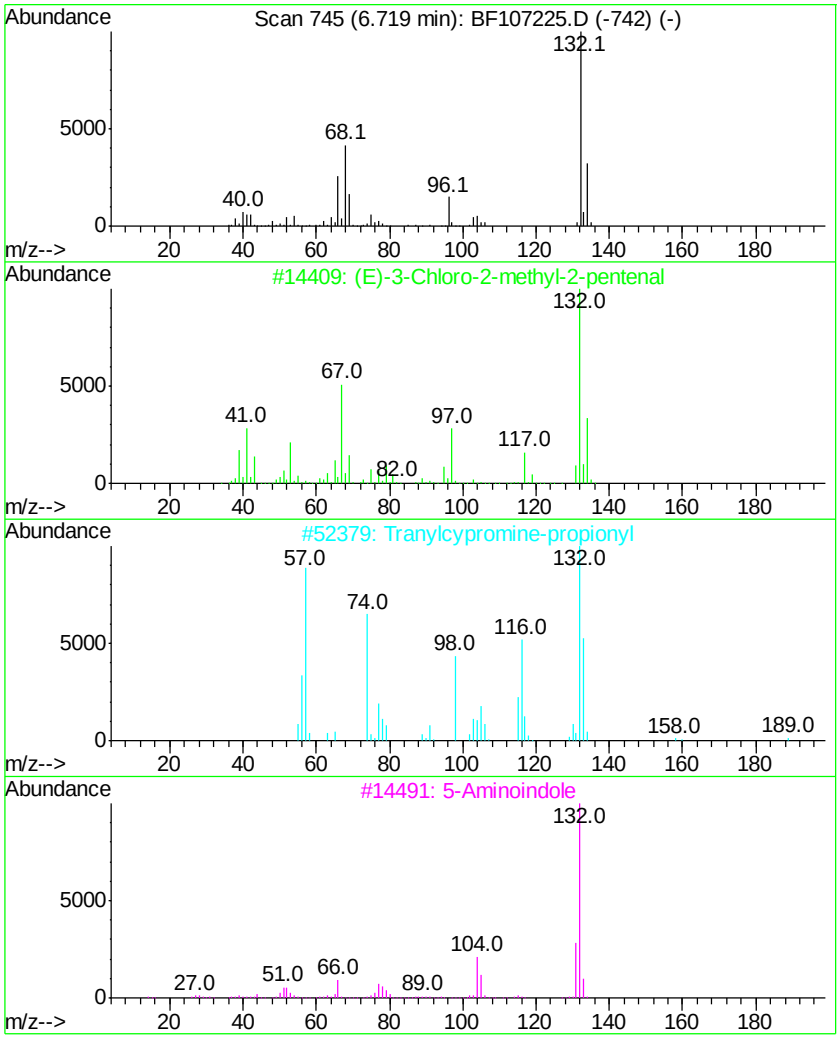
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

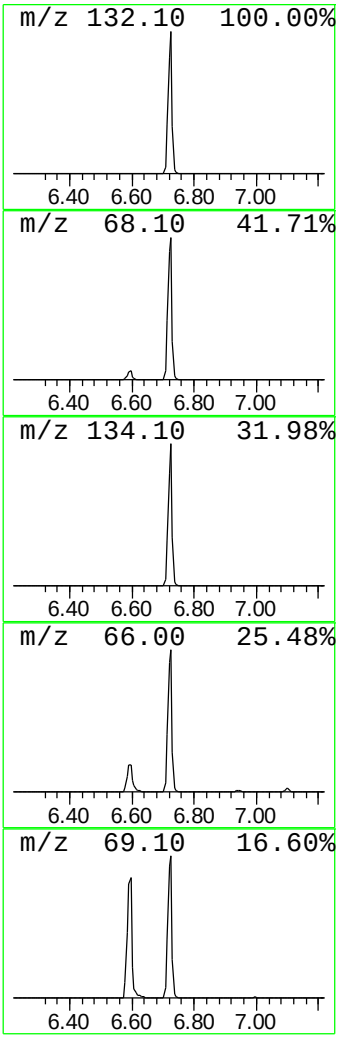
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	66.62 ng	791438	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

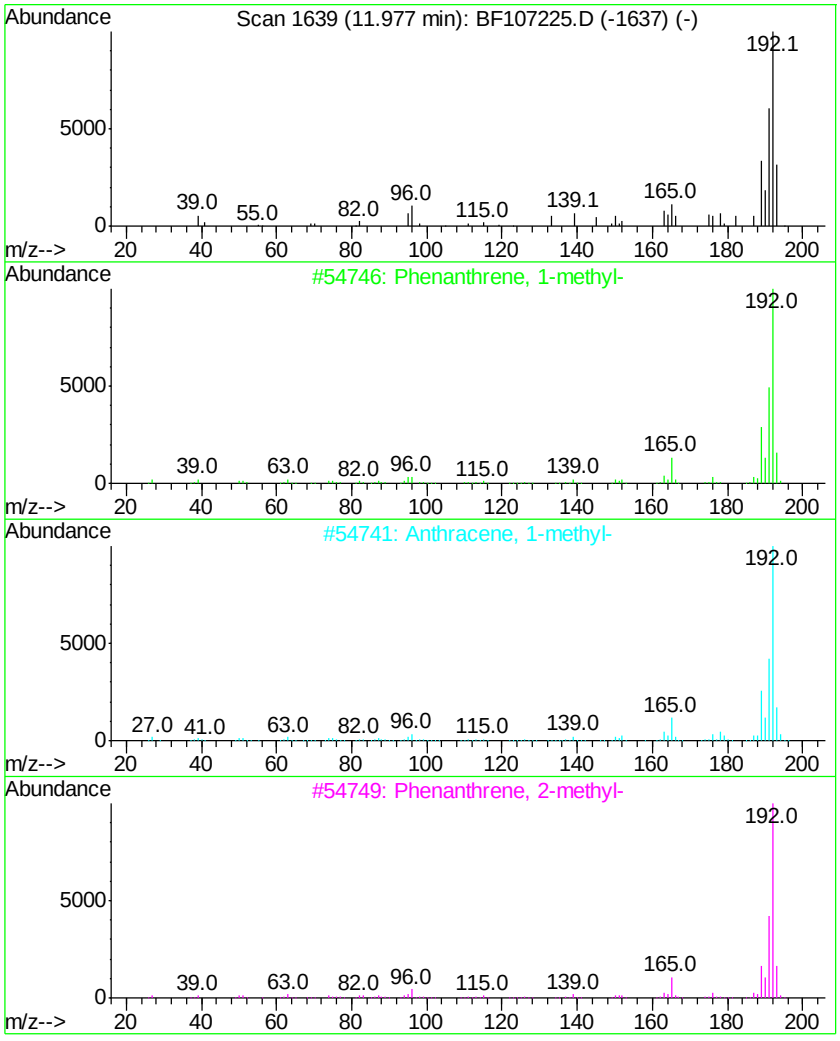
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

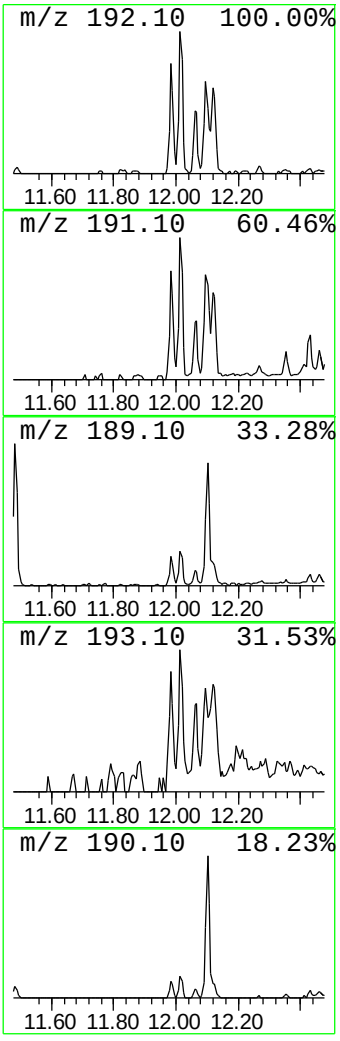
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.77 ng	46729	Phenanthrene-d10	11.48

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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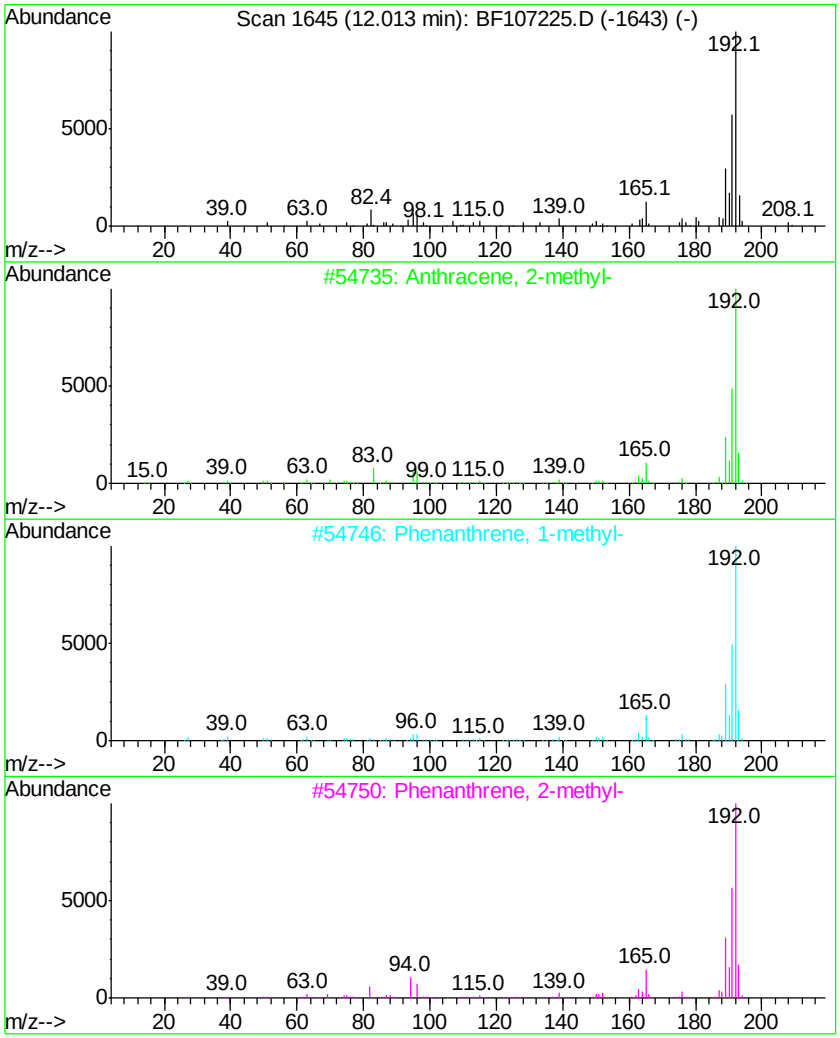
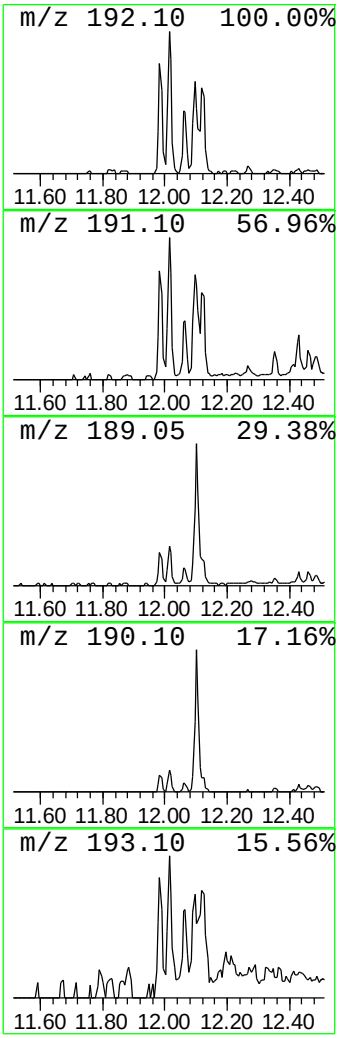
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.43 ng	57851	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

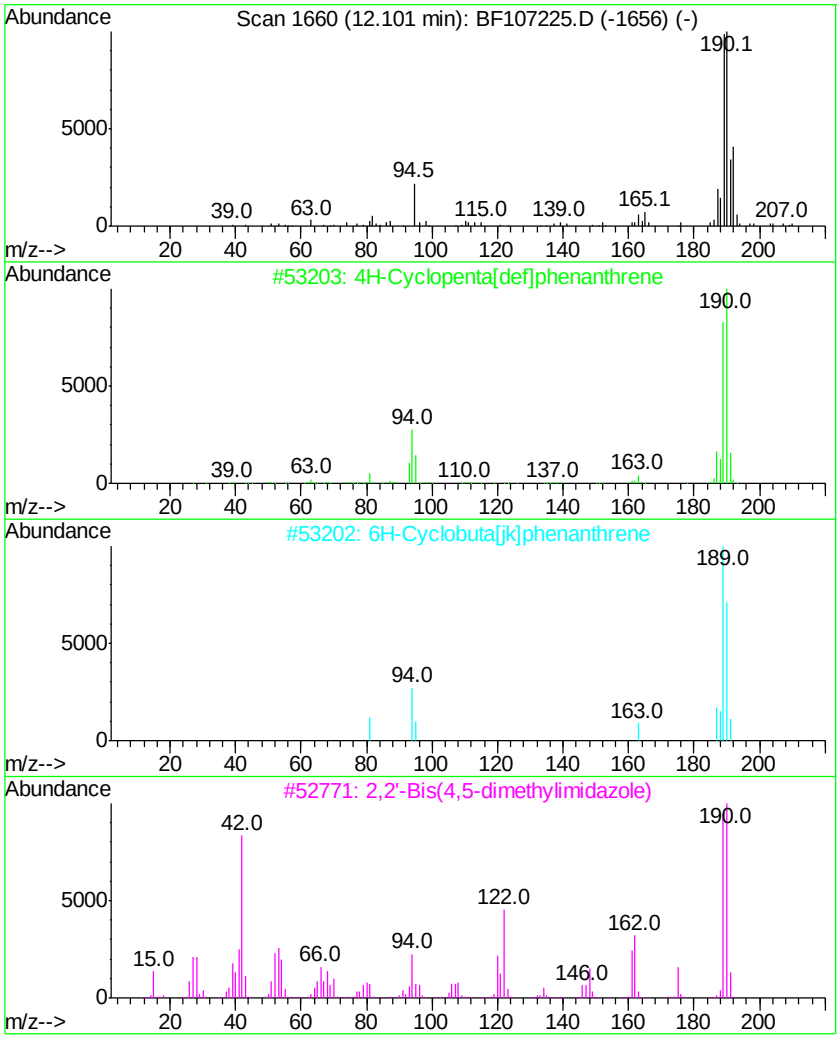
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

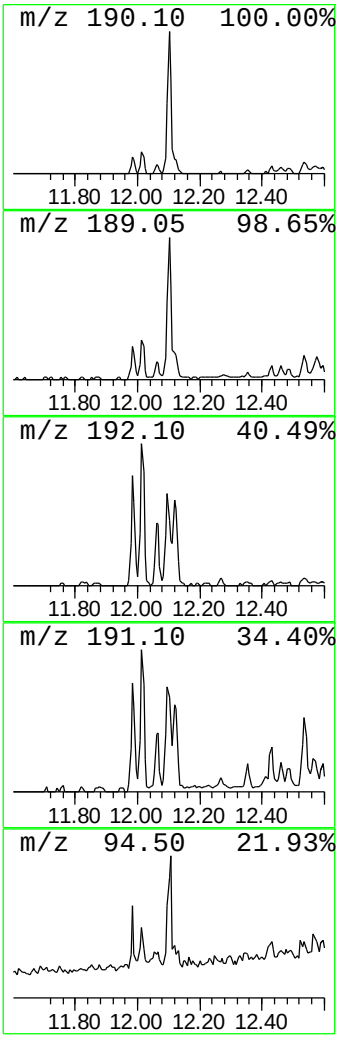
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.90 ng	99455	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

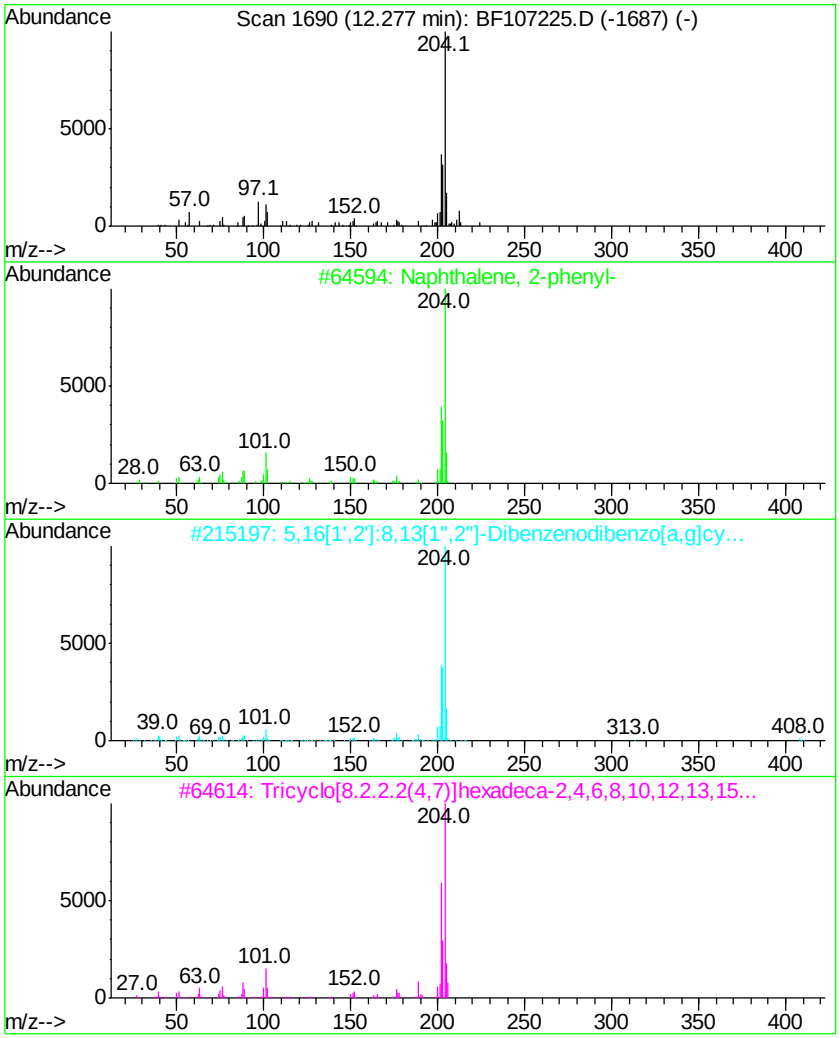
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

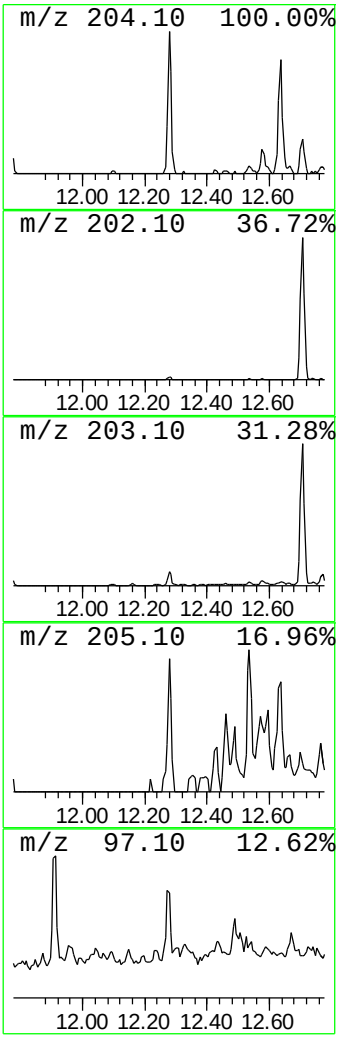
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.72 ng	45780	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Levamisole	204	C11H12N2S	014769-73-4	52





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Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

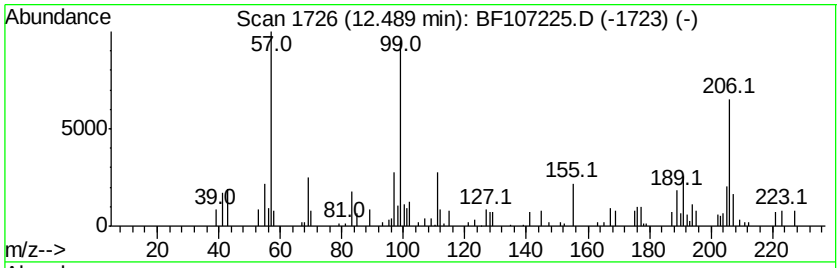
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

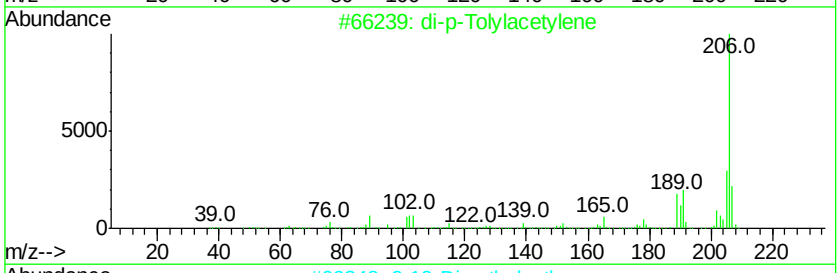
****

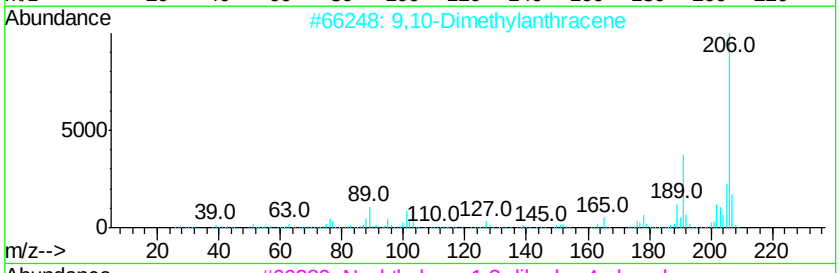
Peak Number 9 unknown12.49 Concentration Rank 16

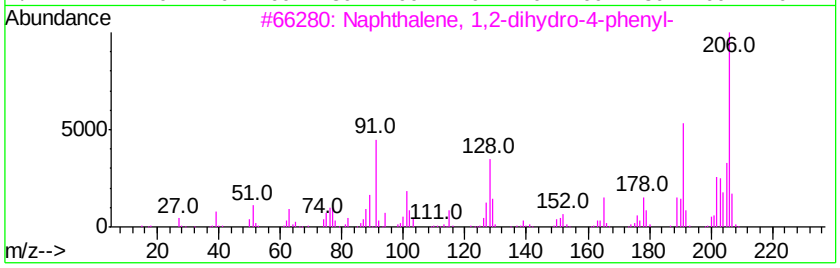
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.20 ng	37114	Phenanthrene-d10	11.48

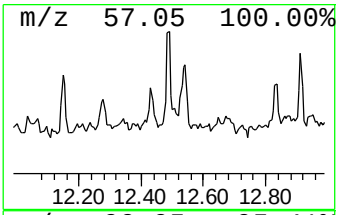
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38

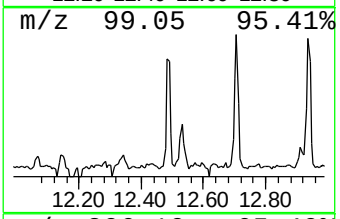


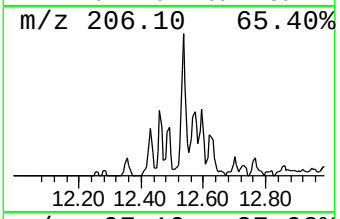


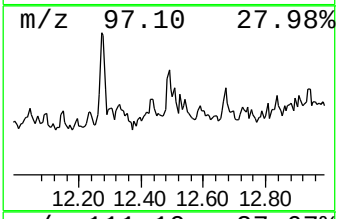


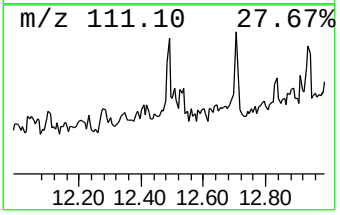












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

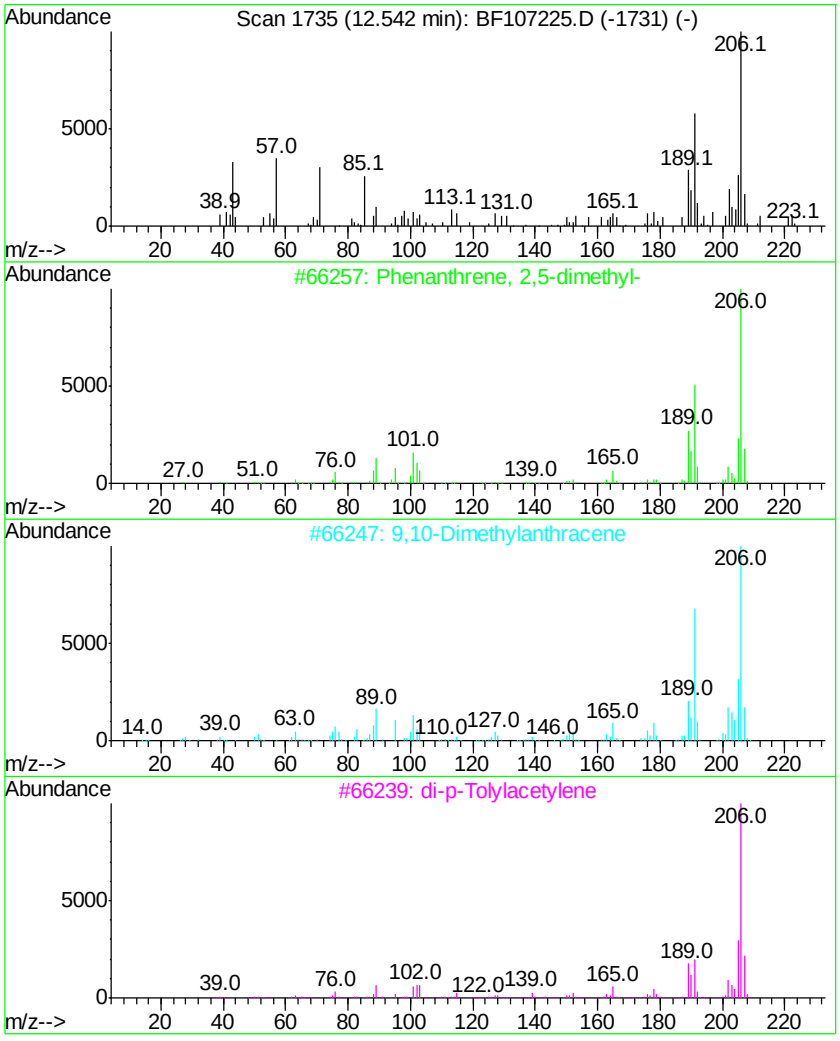
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

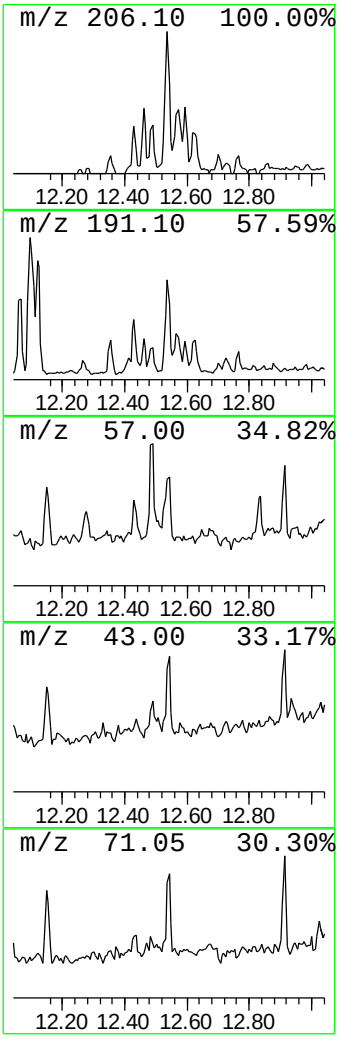
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.08 ng	68850	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

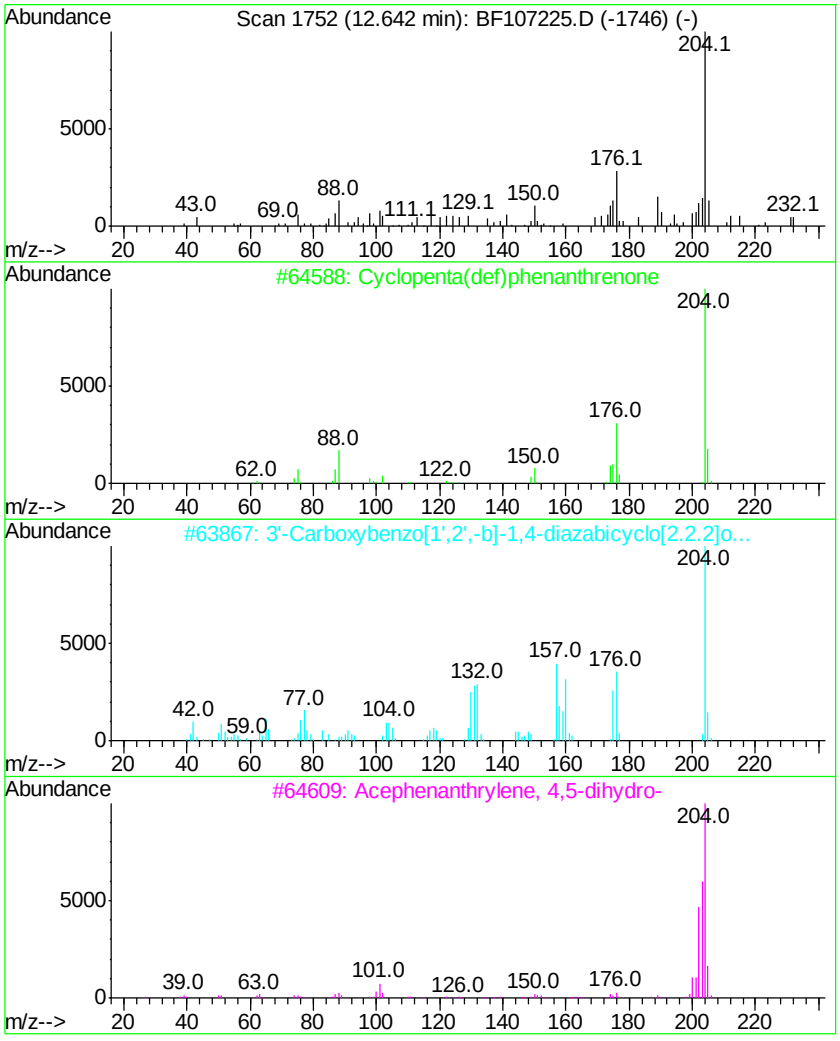
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

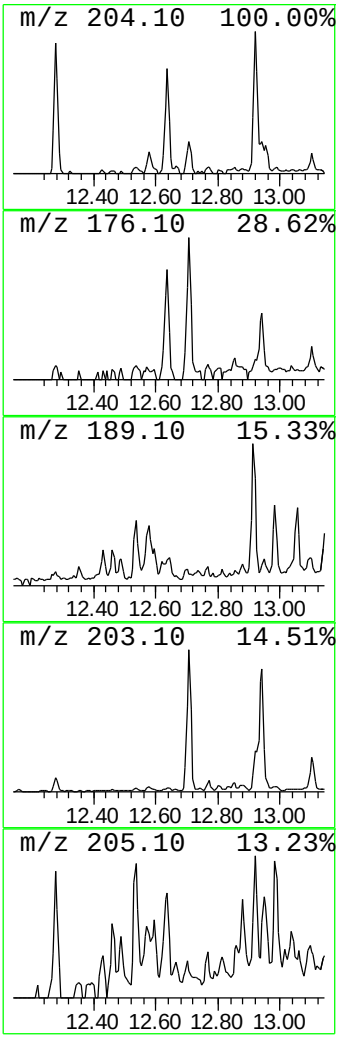
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.02 ng	50935	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50





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Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

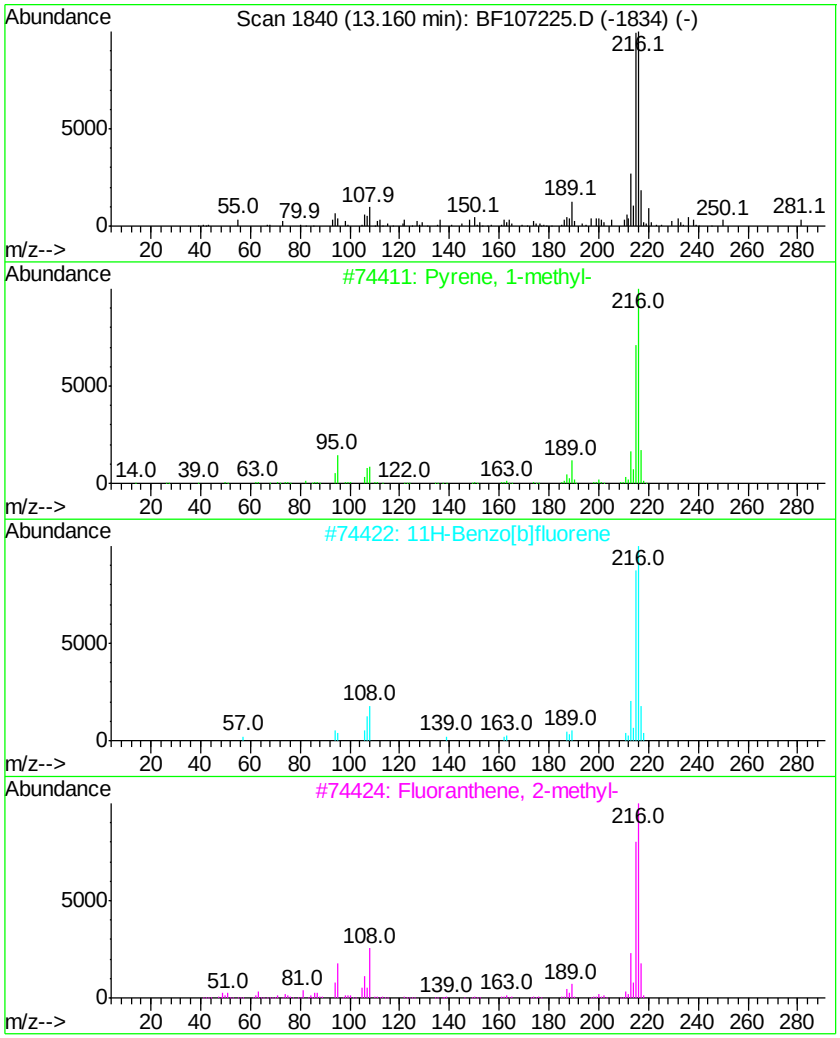
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

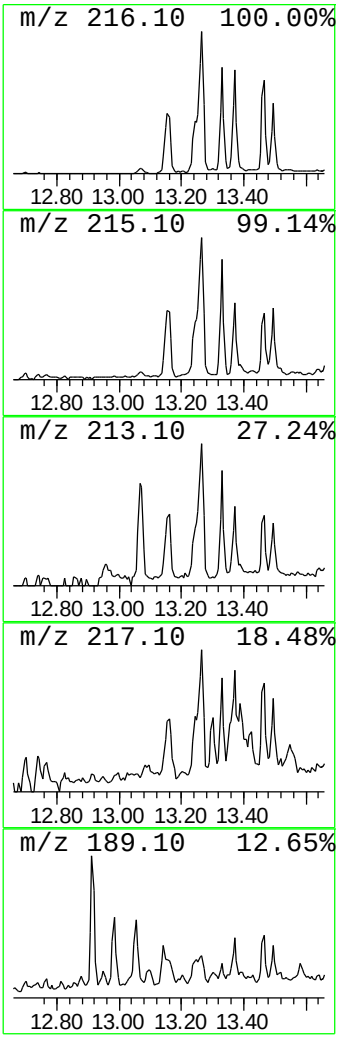
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.99 ng	96001	Chrysene-d12	14.14

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

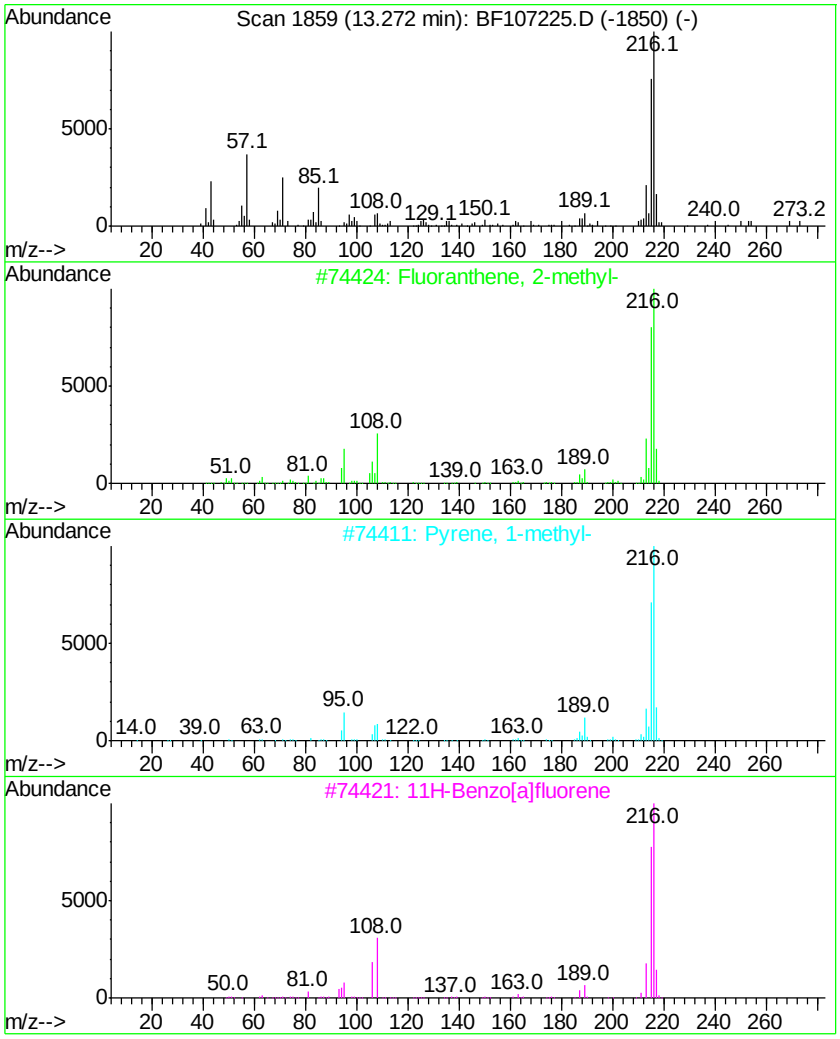
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

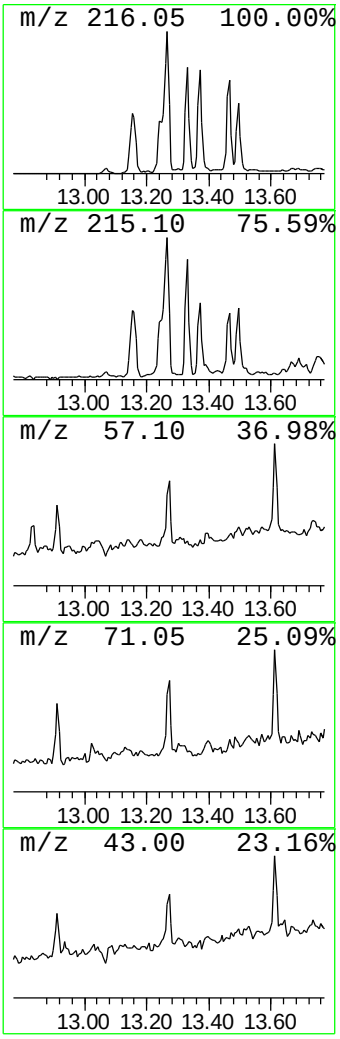
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.19 ng	166907	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Library Search Compound Report

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Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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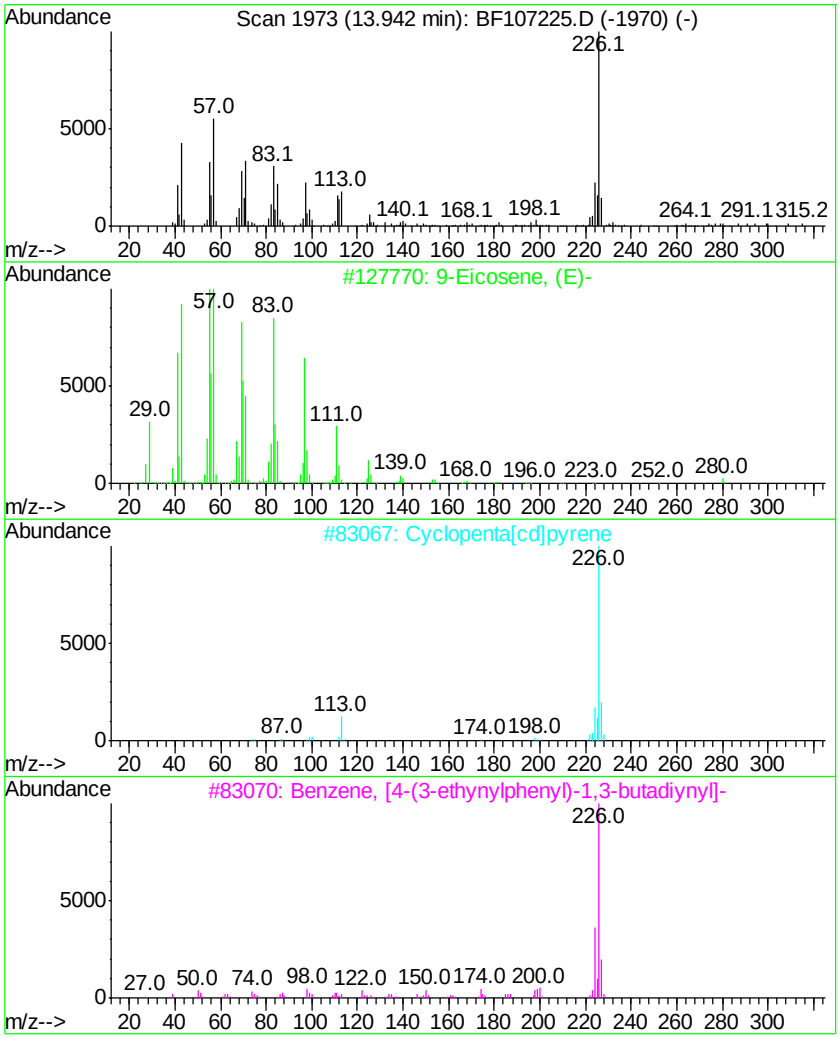
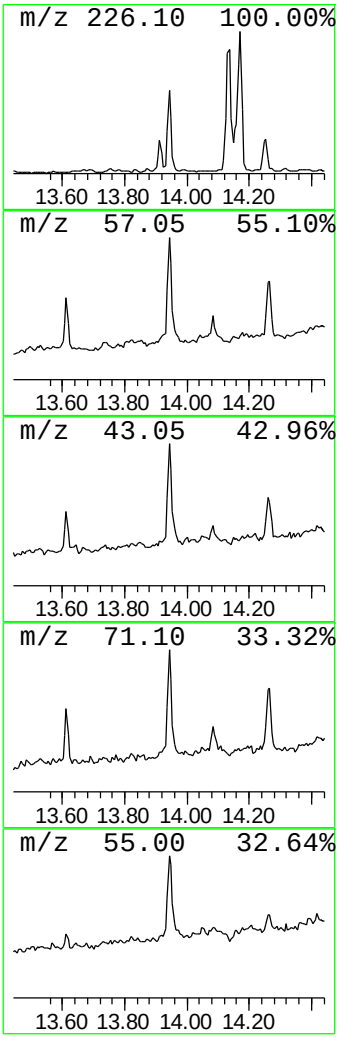
Peak Number 14 9-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.49 ng	176488	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35
5	Trihexadecyl borate	735	C48H99BO3	002665-11-4	30





Library Search Compound Report

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Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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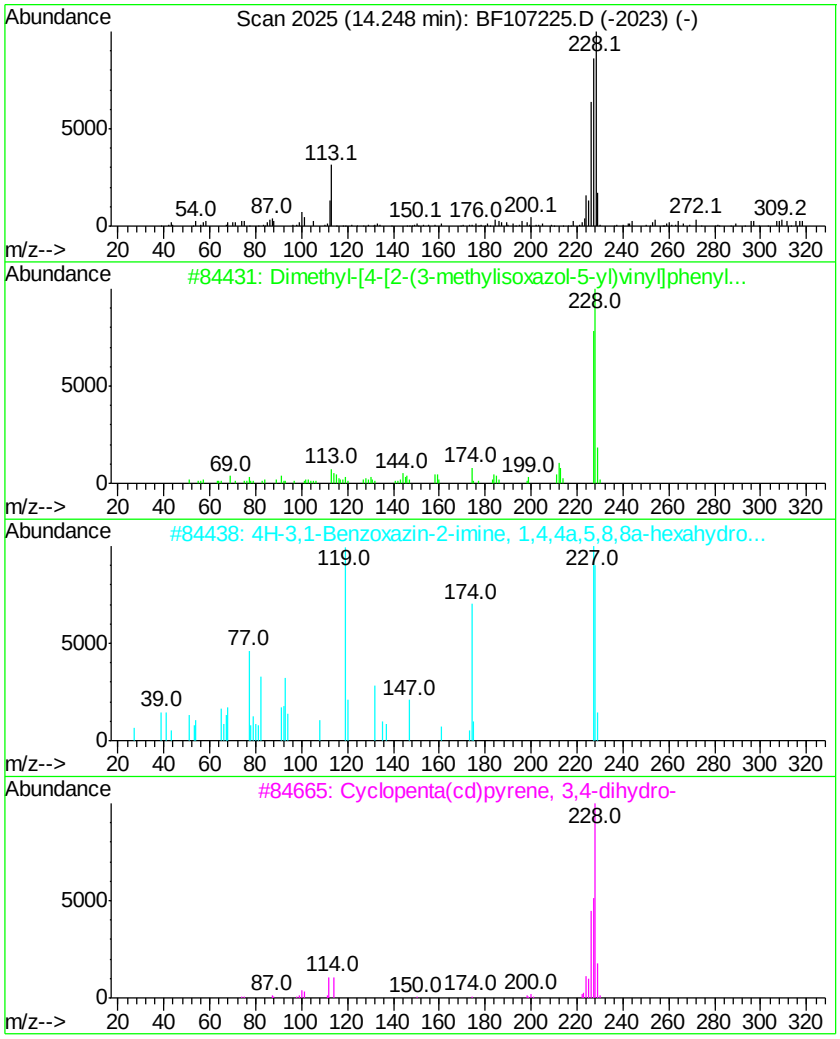
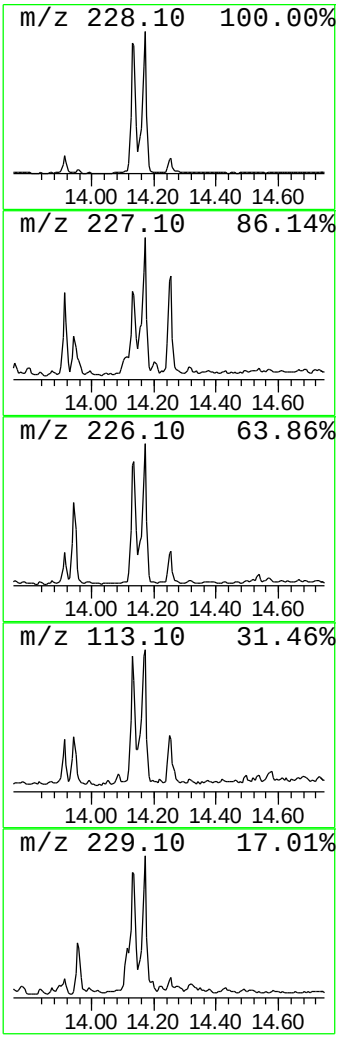
Peak Number 15 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.96 ng	95124	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
2	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	46
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43





Library Search Compound Report

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Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

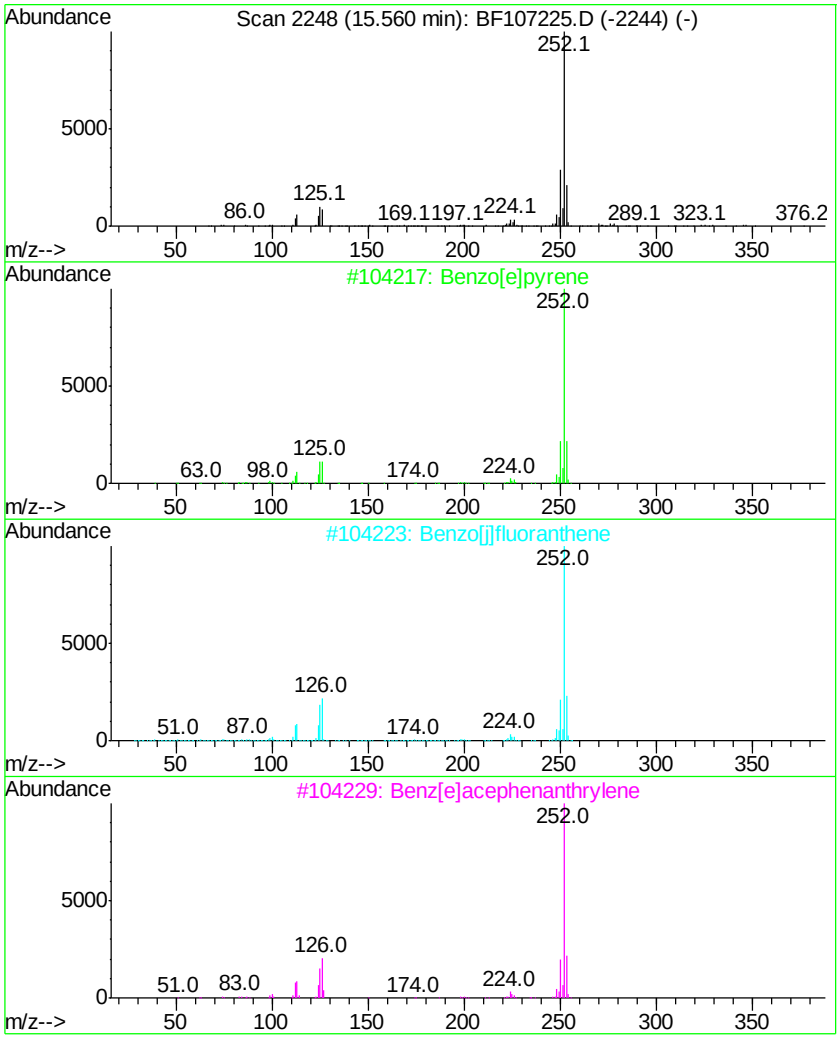
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

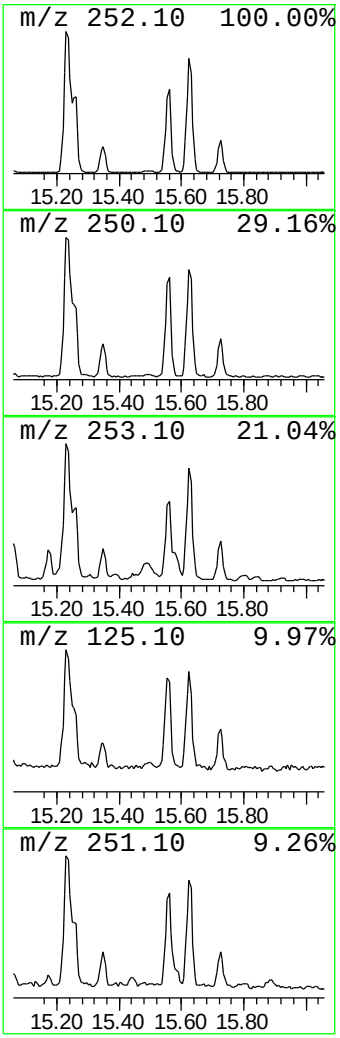
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	13.87 ng	144155	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
Data File : BF107225.D
Acq On : 9 Jul 2018 13:41
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	10.0	ng	118622	1	6.94	237607	20.0
unknown6.72	6.72	66.6	ng	791438	1	6.94	237607	20.0
Phenanthrene, 1-m...	11.98	2.8	ng	46729	4	11.48	337162	20.0
Anthracene, 2-met...	12.01	3.4	ng	57851	4	11.48	337162	20.0
4H-Cyclopenta[def...	12.10	5.9	ng	99455	4	11.48	337162	20.0
Naphthalene, 2-ph...	12.28	2.7	ng	45780	4	11.48	337162	20.0
unknown12.49	12.49	2.2	ng	37114	4	11.48	337162	20.0
Phenanthrene, 2,5...	12.54	4.1	ng	68850	4	11.48	337162	20.0
Cyclopenta(def)ph...	12.64	3.0	ng	50935	4	11.48	337162	20.0
Pyrene, 1-methyl-	13.16	3.0	ng	96001	5	14.14	642613	20.0
Fluoranthene, 2-m...	13.27	5.2	ng	166907	5	14.14	642613	20.0
9-Eicosene, (E)-	13.94	5.5	ng	176488	5	14.14	642613	20.0
Dimethyl-[4-[2-(3...	14.25	3.0	ng	95124	5	14.14	642613	20.0
Benzo[e]pyrene	15.56	13.9	ng	144155	6	15.69	207888	20.0