LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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	498	rBB	112232	139598	10.68%	0.942%
2	5.584	549	552	571	rBV	957965	1008275	77.14%	6.806%
3	6.589	719	723	741	rBV	1064053	1077797	82.46%	7.276%
4	6.725	741	746	749	rBV	1072131	1054317	80.66%	7.117%
5	6.942	780	783	787	rBV	410785	332344	25.43%	2.244%
6	7.101	806	810	813	rBV	960499	850622	65.08%	5.742%
7	7.507	875	879	893	rBV	651113	691839	52.93%	4.670%
8	8.225	997	1001	1015	rBV	454915	457967	35.04%	3.092%
9	9.301	1179	1184	1187	rBV	1474070	1307051	100.00%	8.823%
10	9.695	1247	1251	1257	rVB	180752	172519	13.20%	1.165%
11	9.848	1274	1277	1281	rVB	52956	41807	3.20%	0.282%
12	9.983	1297	1300	1305	rBV	547955	526956	40.32%	3.557%
13	10.536	1391	1394	1401	rVB	15453	18187	1.39%	0.123%
14	10.783	1432	1436	1447	rVB	821082	776346	59.40%	5.241%
15	11.477	1551	1554	1557	rBV	567024	550368	42.11%	3.715%
16	11.501	1557	1558	1562	rVB	124315	91197	6.98%	0.616%
17	11.560	1565	1568	1571	rBV	31549	28431	2.18%	0.192%
18	11.983	1636	1640	1642	rBV	33305	32554	2.49%	0.220%
19	12.013	1642	1645	1650	rVB2	36903	35737	2.73%	0.241%
20	12.095	1655	1659	1661	rVV2	49718	57497	4.40%	0.388%
21	12.118	1661	1663	1666	rVB	28718	23581	1.80%	0.159%
22	12.277	1685	1690	1692	rBV3	23781	22499	1.72%	0.152%
23	12.313	1692	1696	1700	rVB3	18284	20410	1.56%	0.138%
24	12.530	1730	1733	1736	rBV2	43318	44245	3.39%	0.299%
25	12.571	1736	1740	1742	rVV2	20201	26845	2.05%	0.181%
26	12.630	1745	1750	1756	rBV4	31553	47115	3.60%	0.318%
27	12.701	1758	1762	1765	rBV	253870	235887	18.05%	1.592%
28	12.795	1775	1778	1781	rBV	30360	23971	1.83%	0.162%
29	12.854	1783	1788	1789	rBV3	14055	17520	1.34%	0.118%
30	12.907	1794	1797	1798	rBV	42924	35017	2.68%	0.236%
31	12.930	1798	1801	1806	rVB	352397	305694	23.39%	2.064%
32	12.977	1806	1809	1812	rBV	19581	20495	1.57%	0.138%
33	13.066	1819	1824	1827	rBV	1268092	1241941	95.02%	8.384%
34	13.142	1833	1837	1843	rBV4	34025	61446	4.70%	0.415%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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	13.236	1849	1853	1854	rBV3	35148	40642	3.11%	0.274%
36	13.254	1854	1856	1861	rVB2	52033	62015	4.74%	0.419%
37	13.324	1865	1868	1870	rVV	30035	28023	2.14%	0.189%
38	13.365	1871	1875	1881	rVB2	53525	69811	5.34%	0.471%
39	13.454	1888	1890	1893	rBV	42939	39812	3.05%	0.269%
40	13.489	1893	1896	1899	rVB	40295	39097	2.99%	0.264%
41	13.607	1913	1916	1918	rBV2	24482	25334	1.94%	0.171%
42	13.771	1941	1944	1947	rVB	39718	36111	2.76%	0.244%
43	13.883	1960	1963	1965	rBV	32450	29359	2.25%	0.198%
44	13.907	1965	1967	1969	rVV	34001	25151	1.92%	0.170%
45	13.936	1969	1972	1977	rVV4	69214	84346	6.45%	0.569%
46	13.983	1977	1980	1983	rVB	35800	33524	2.56%	0.226%
47	14.130	2000	2005	2008	rBV2	526716	679324	51.97%	4.586%
48	14.160	2008	2010	2013	rVB	194942	154575	11.83%	1.043%
49	14.254	2022	2026	2029	rBV4	31493	50417	3.86%	0.340%
50	14.289	2029	2032	2041	rVB4	44954	83534	6.39%	0.564%
51	14.365	2041	2045	2047	rBV5	21685	28237	2.16%	0.191%
52	14.483	2063	2065	2067	rBV	25081	21318	1.63%	0.144%
53	14.524	2067	2072	2075	rVV	63051	72632	5.56%	0.490%
54	14.560	2075	2078	2083	rVV3	45202	63291	4.84%	0.427%
55	14.624	2087	2089	2092	rBV3	19041	14500	1.11%	0.098%
56	14.654	2092	2094	2096	rBV	29117	28822	2.21%	0.195%
57	14.724	2103	2106	2112	rVB5	32499	50798	3.89%	0.343%
58	14.883	2131	2133	2138	rVB3	35520	34150	2.61%	0.231%
59	14.965	2144	2147	2150	rVB2	33532	36410	2.79%	0.246%
60	15.042	2157	2160	2164	rBV4	26696	34828	2.66%	0.235%
61	15.212	2185	2189	2197	rBV	162314	340069	26.02%	2.296%
62	15.324	2205	2208	2213	rVB	44176	57194	4.38%	0.386%
63	15.536	2240	2244	2248	rVB	113105	138239	10.58%	0.933%
64	15.601	2251	2255	2262	rVV	152771	247360	18.93%	1.670%
65	15.671	2262	2267	2270	rVV	335087	456730	34.94%	3.083%
66	15.701	2270	2272	2280	rVB2	45848	70894	5.42%	0.479%
67	16.830	2461	2464	2468	rBV5	16081	23897	1.83%	0.161%
68	17.242	2528	2534	2541	rVB	65707	141598	10.83%	0.956%
69	17.730	2610	2617	2623	rBV2	41141	93301	7.14%	0.630%

Sum of corrected areas: 14813418

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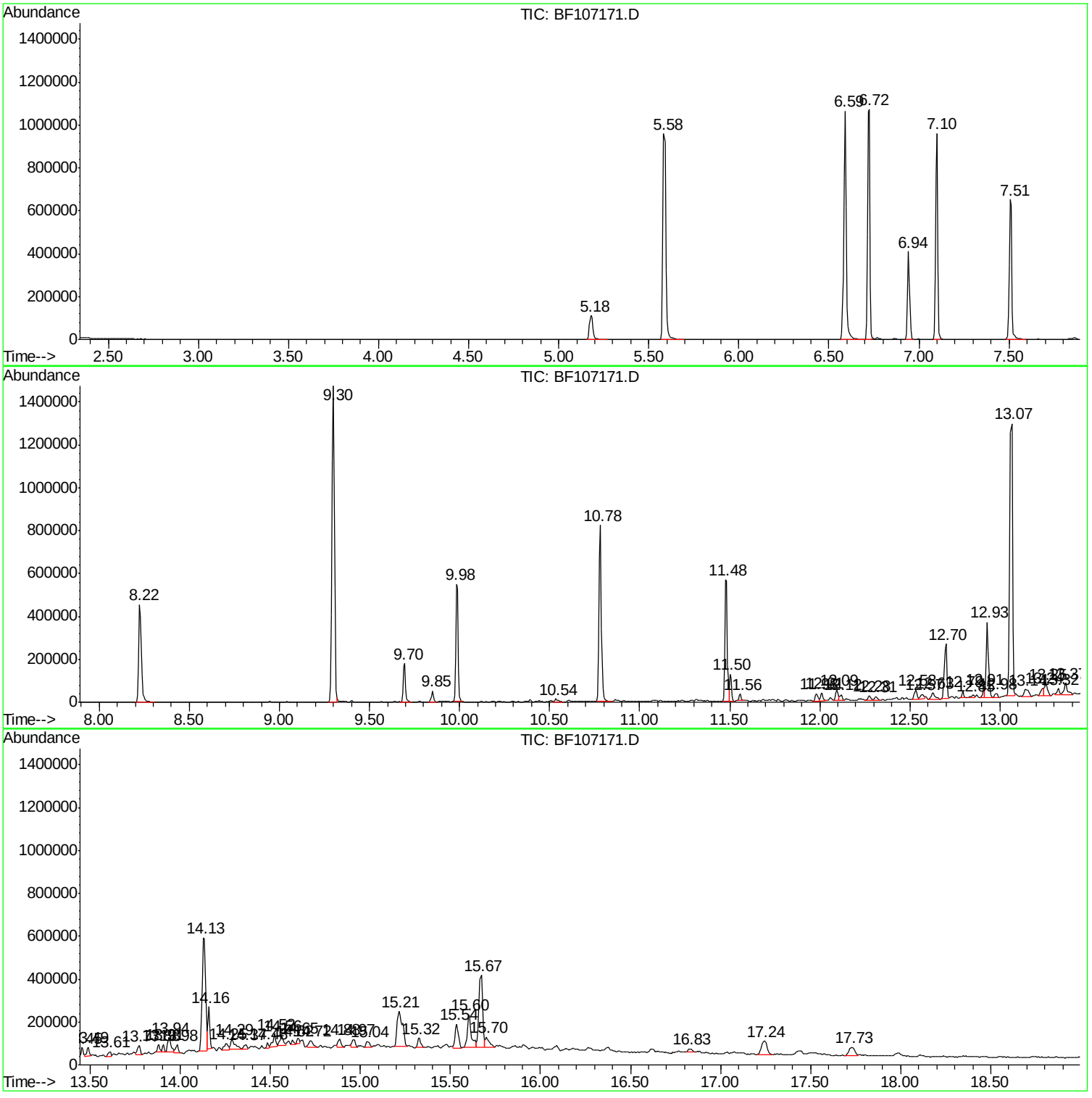
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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\BF070618\
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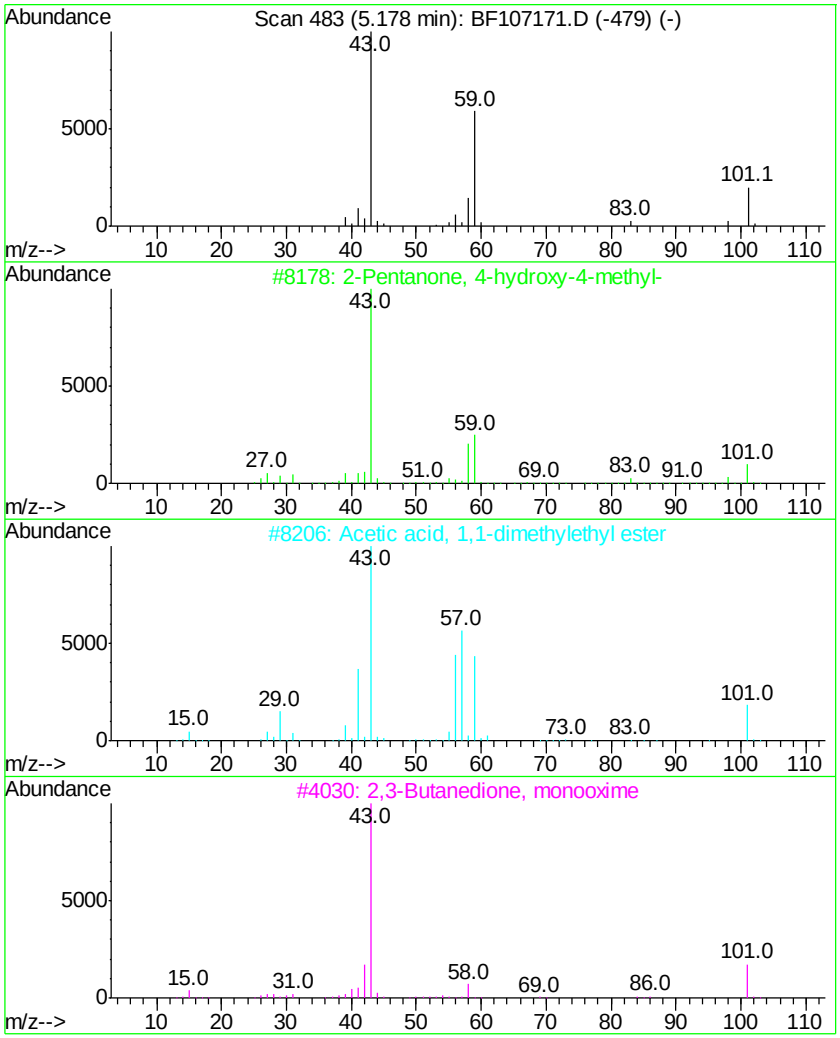
TIC Integration Parameters: LSCINT.P

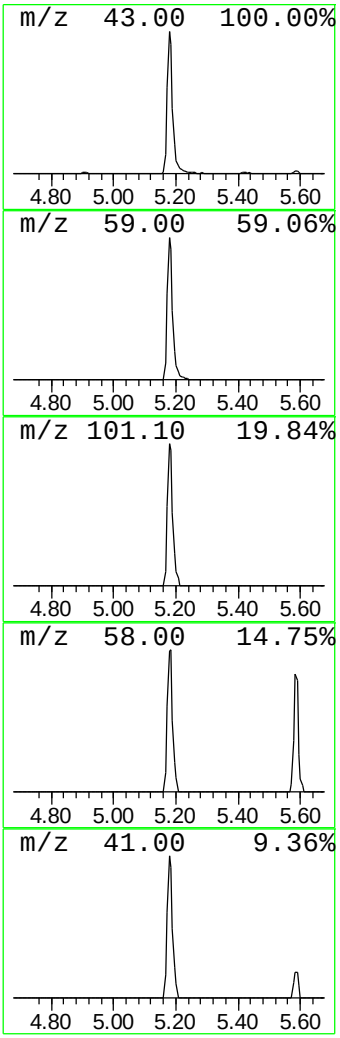
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.40 ng	139598	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	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	3-Hexanol	102	C6H14O	000623-37-0	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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

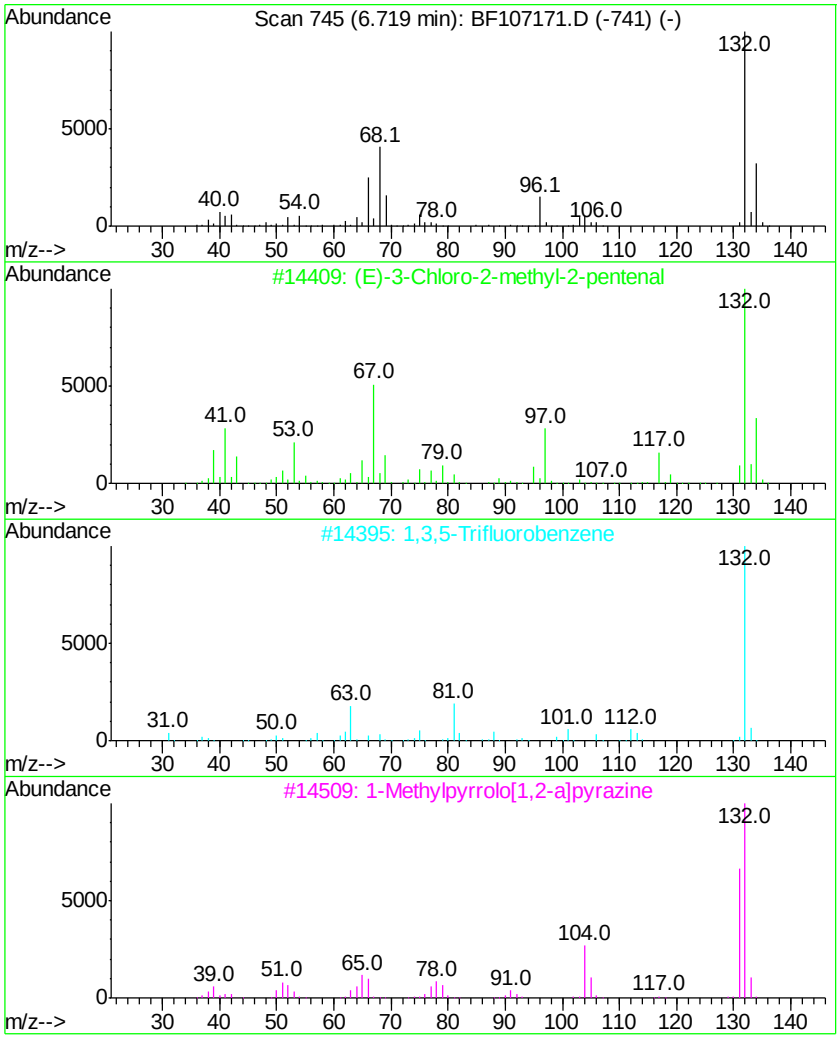
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

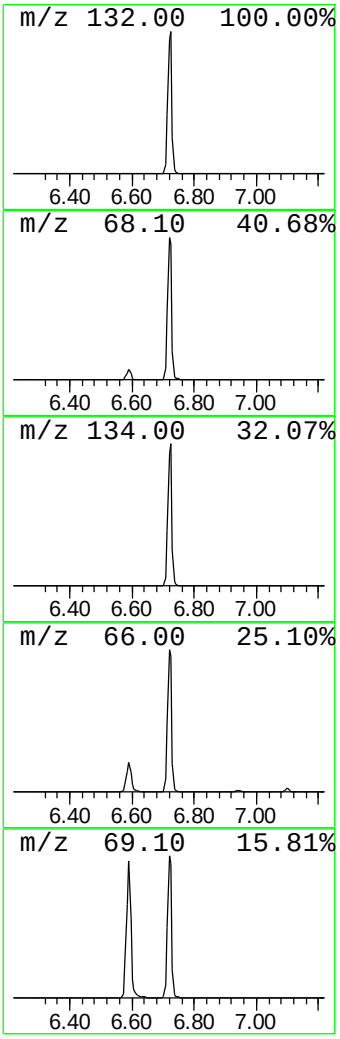
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	63.45 ng	1054320	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	17
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Data File : BF107171.D
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Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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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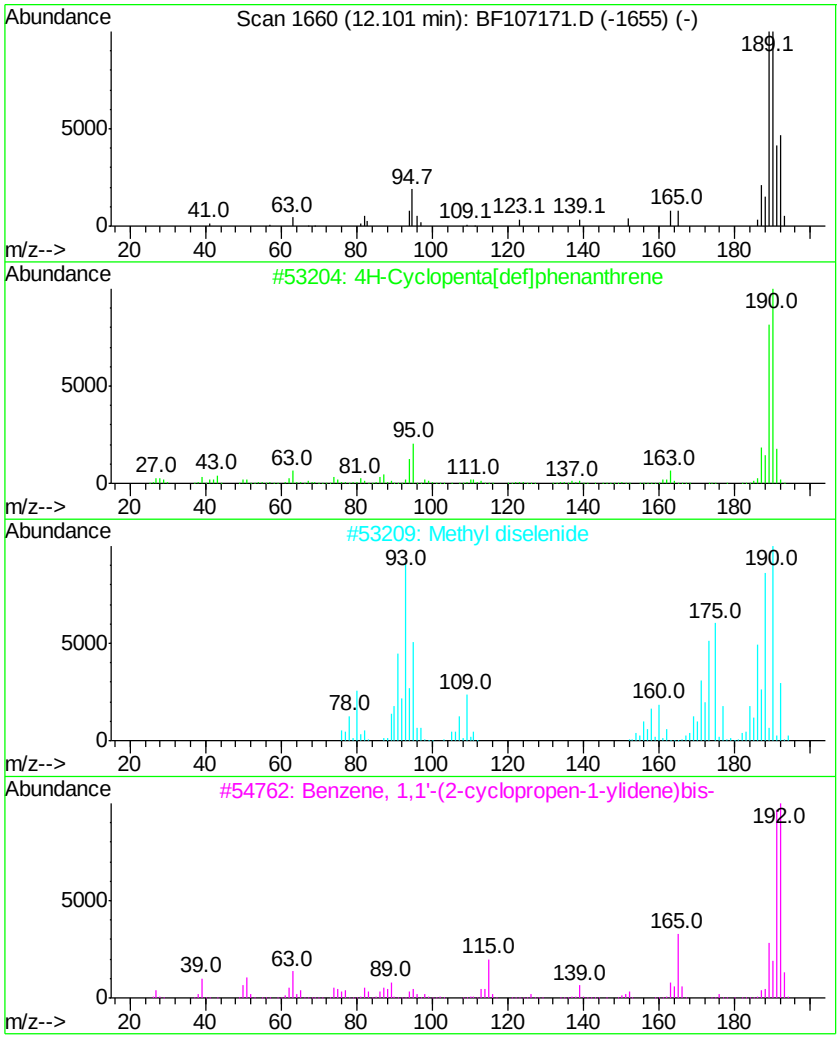
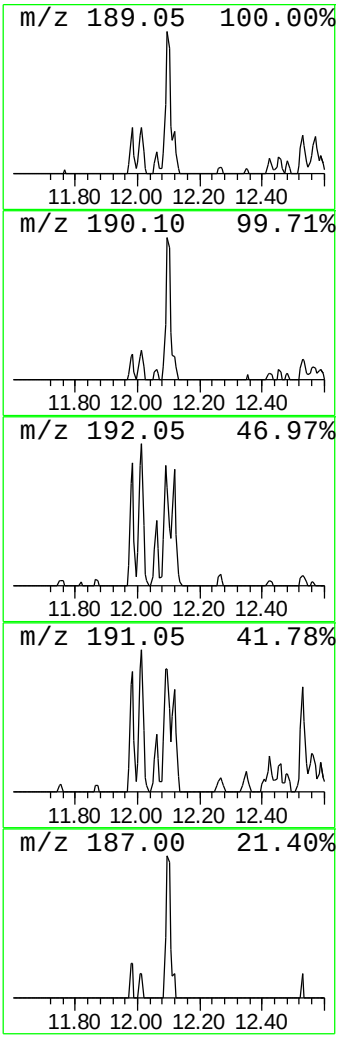
Peak Number 4 unknown12.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.09 ng	57497	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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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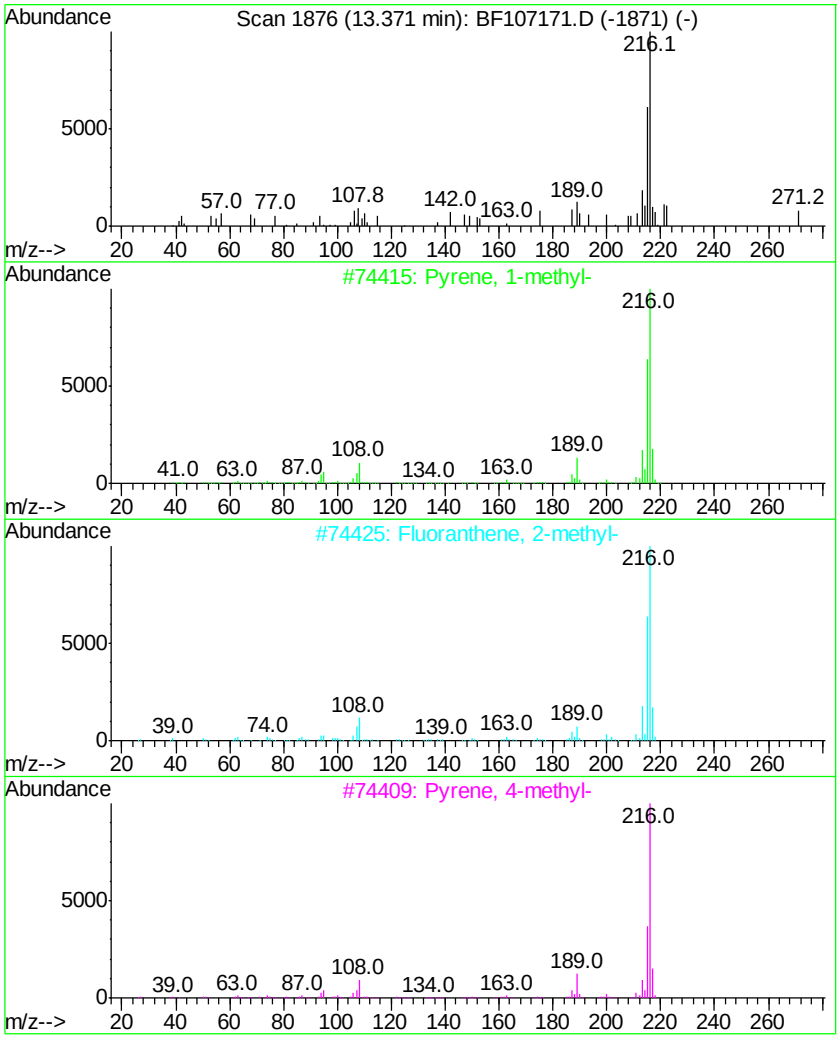
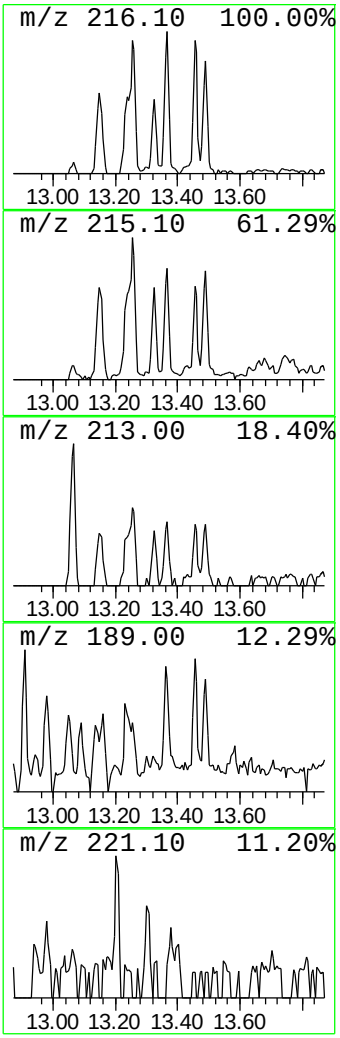
Peak Number 5 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.06 ng	69811	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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

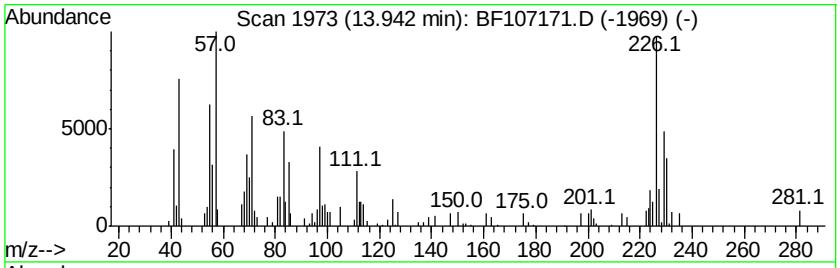
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

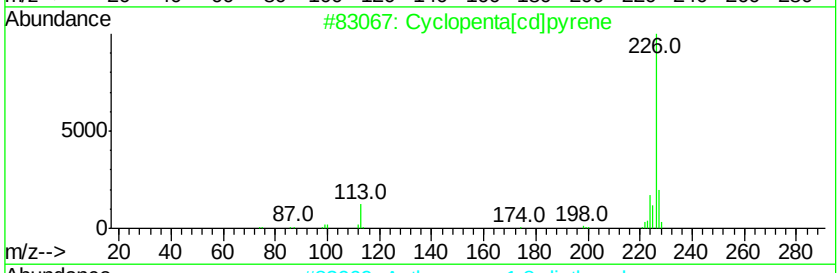
****

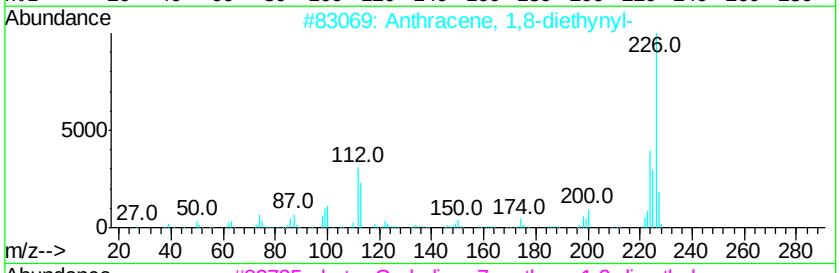
Peak Number 6 Cyclopenta[cd]pyrene Concentration Rank 6

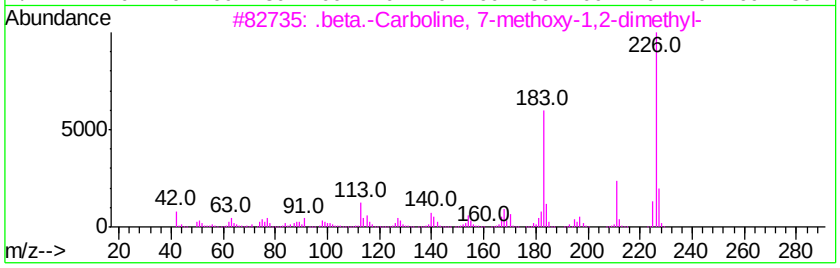
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.48 ng	84346	Chrysene-d12	14.14

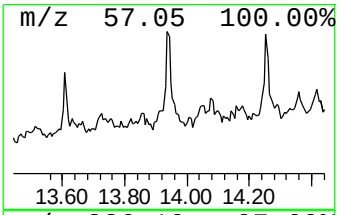
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	49
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49

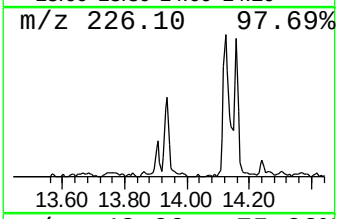


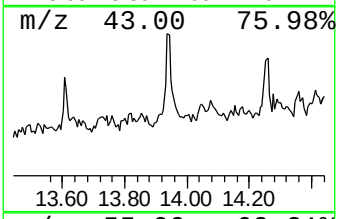


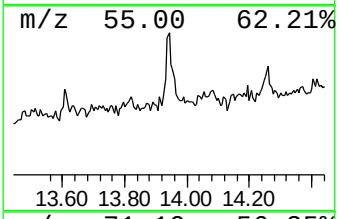


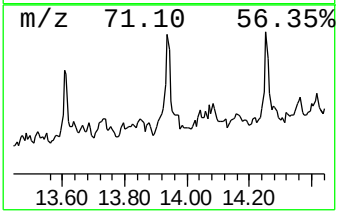












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
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Instrument : BNA_F
ClientSampleId : OK-03-070218

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

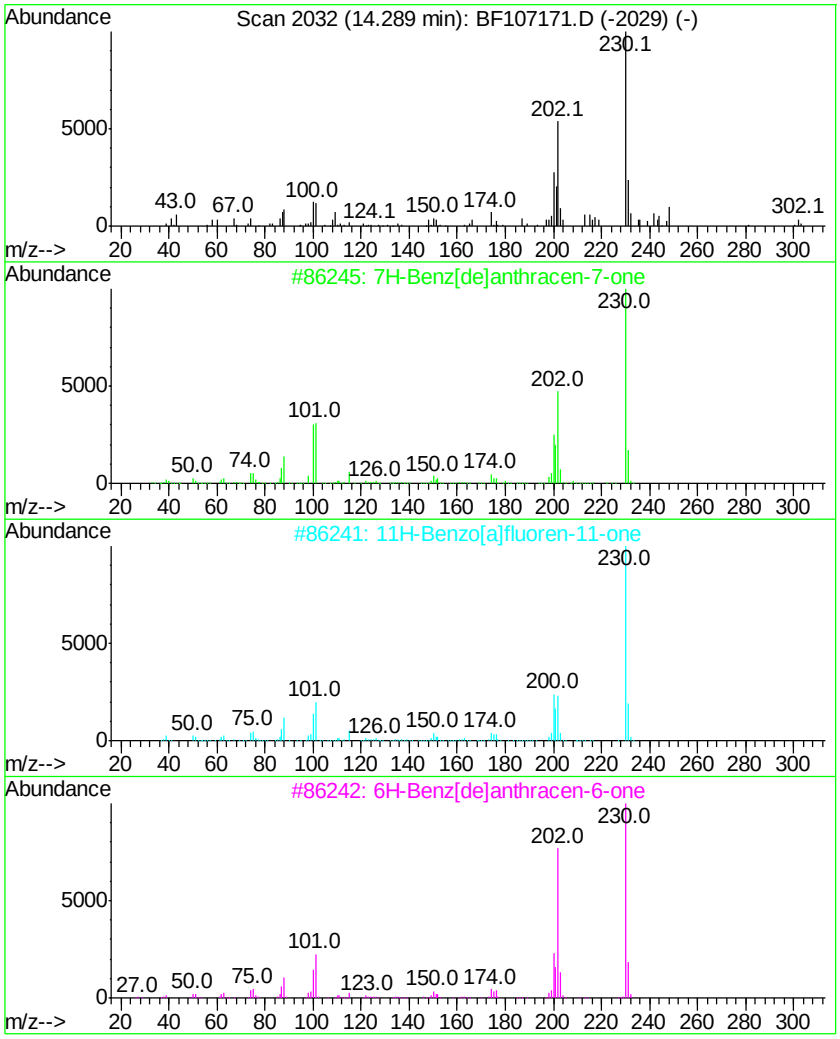
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

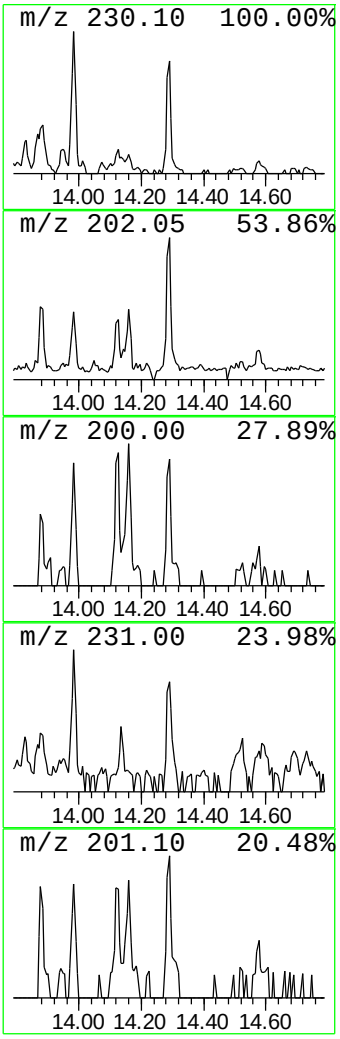
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.46 ng	83534	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50
5	p-Terphenyl	230	C18H14	000092-94-4	38





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Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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

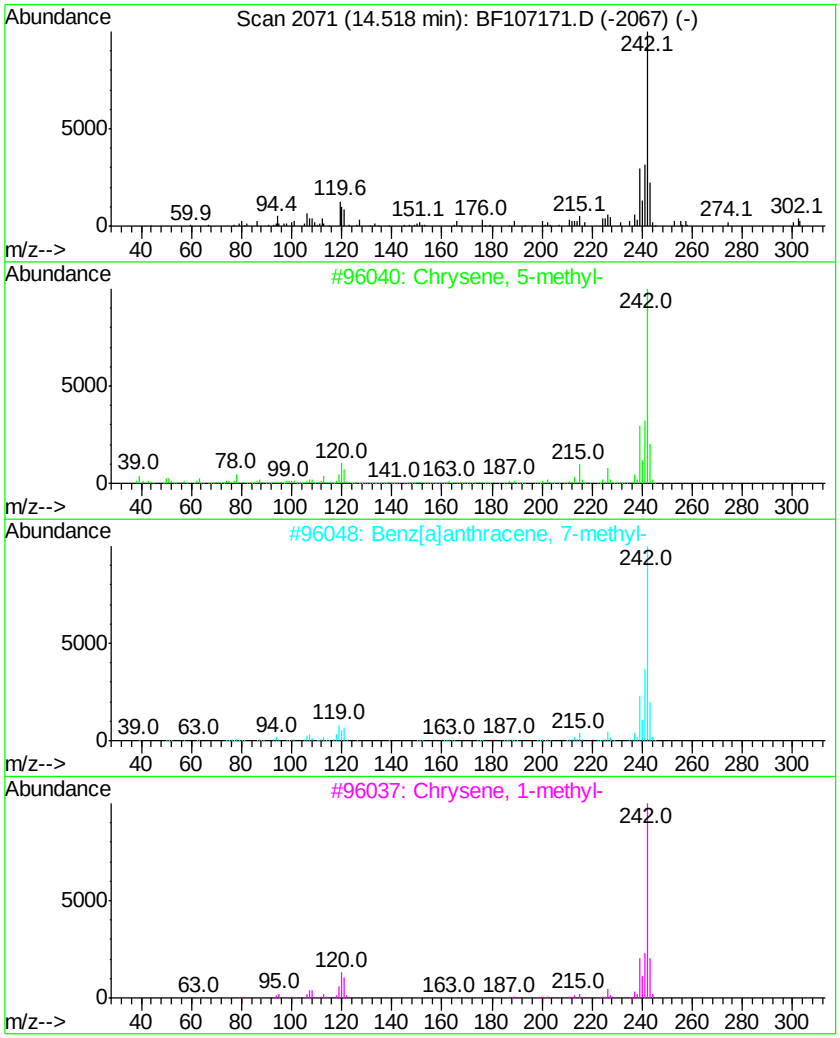
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

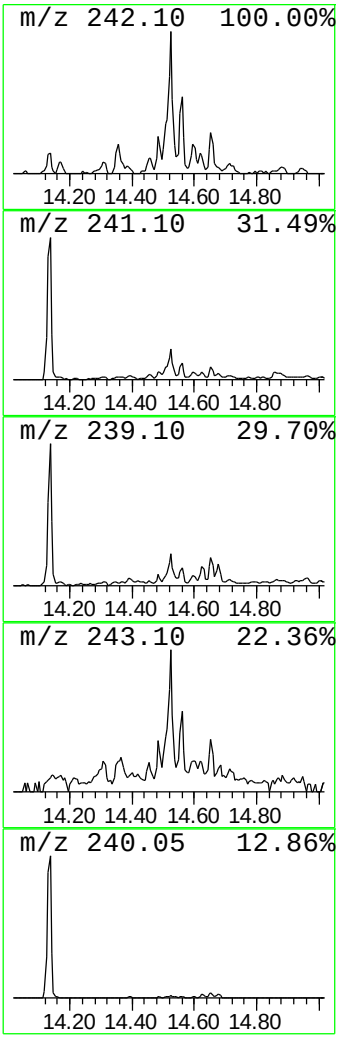
****

Peak Number 8 Chrysene, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.14 ng	72632	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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

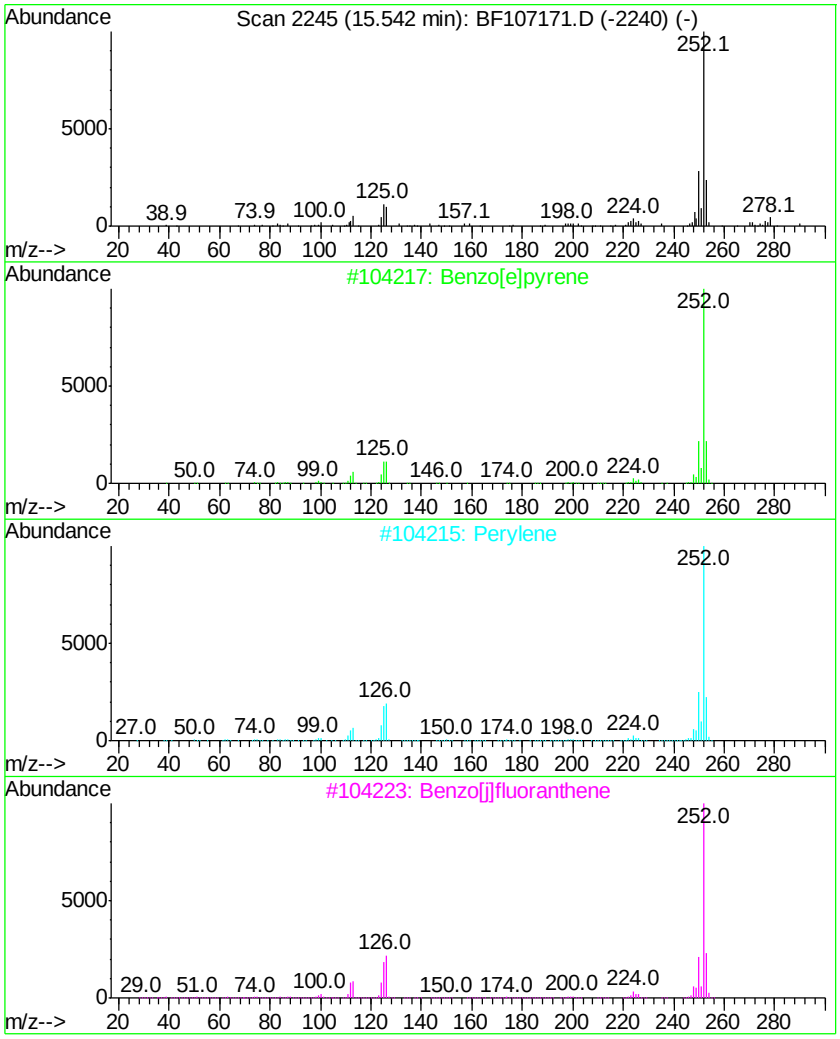
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

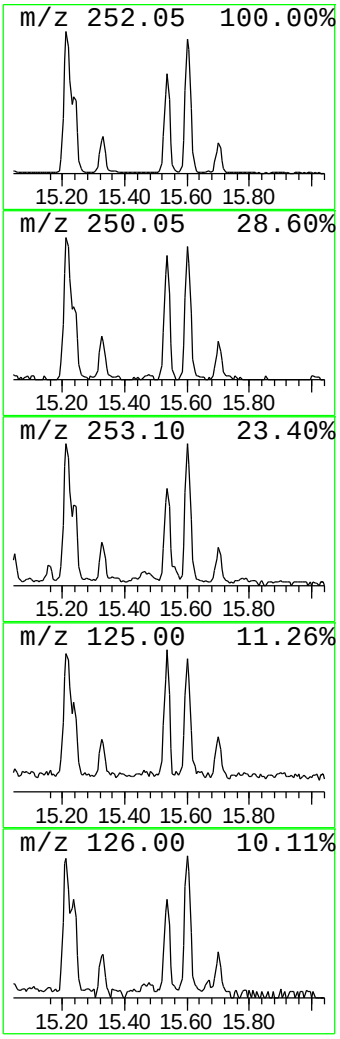
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.05 ng	138239	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

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	8.4	ng	139598	1	6.94	332344	20.0
unknown6.72	6.72	63.5	ng	1054320	1	6.94	332344	20.0
unknown12.10	12.10	2.1	ng	57497	4	11.48	550368	20.0
Pyrene, 1-methyl-	13.37	2.1	ng	69811	5	14.14	679324	20.0
Cyclopenta[cd]pyrene	13.94	2.5	ng	84346	5	14.14	679324	20.0
7H-Benz[de]anthra...	14.29	2.5	ng	83534	5	14.14	679324	20.0
Chrysene, 5-methyl-	14.52	2.1	ng	72632	5	14.14	679324	20.0
Benzo[e]pyrene	15.54	6.0	ng	138239	6	15.67	456730	20.0