LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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	5.160	477	480	489	rBV	35269	37715	1.29%	0.374%
2	5.584	549	552	570	rVB	285647	296515	10.11%	2.942%
3	6.601	722	725	743	rBV	208765	302051	10.29%	2.997%
4	6.725	743	746	757	rVB	307163	302112	10.30%	2.998%
5	6.936	779	782	789	rBB	189867	170284	5.80%	1.690%
6	7.095	805	809	816	rBB	275699	231277	7.88%	2.295%
7	7.501	875	878	888	rBV	168143	167318	5.70%	1.660%
8	8.225	997	1001	1004	rBV	236739	207203	7.06%	2.056%
9	9.295	1179	1183	1186	rBV	373084	305888	10.42%	3.035%
10	9.689	1244	1250	1255	rVB	58100	54972	1.87%	0.545%
11	9.983	1297	1300	1304	rBV2	255870	235910	8.04%	2.341%
12	10.783	1432	1436	1441	rBV	229937	213414	7.27%	2.118%
13	11.107	1484	1491	1494	rBV3	1230766	2934245	100.00%	29.116%
14	11.483	1551	1555	1557	rBV	332586	279506	9.53%	2.774%
15	11.507	1557	1559	1562	rVB	307179	241584	8.23%	2.397%
16	11.560	1562	1568	1571	rBV	45119	36268	1.24%	0.360%
17	11.983	1637	1640	1642	rBV	37999	30972	1.06%	0.307%
18	12.013	1642	1645	1650	rVV2	47733	44246	1.51%	0.439%
19	12.101	1656	1660	1666	rBV3	48502	76860	2.62%	0.763%
20	12.318	1694	1697	1705	rVB2	53573	64951	2.21%	0.645%
21	12.413	1710	1713	1719	rBV	93617	89506	3.05%	0.888%
22	12.495	1722	1727	1730	rVV3	16672	30384	1.04%	0.301%
23	12.536	1731	1734	1737	rVB	40226	33716	1.15%	0.335%
24	12.636	1746	1751	1755	rBV2	22538	30964	1.06%	0.307%
25	12.707	1759	1763	1765	rVV	396597	397440	13.54%	3.944%
26	12.724	1765	1766	1770	rVB	124042	84215	2.87%	0.836%
27	12.913	1795	1798	1800	rBV2	82718	96544	3.29%	0.958%
28	12.936	1800	1802	1806	rVV	363728	305231	10.40%	3.029%
29	13.060	1820	1823	1827	rVV	402144	374773	12.77%	3.719%
30	13.154	1834	1839	1842	rBV2	27150	51177	1.74%	0.508%
31	13.201	1844	1847	1850	rVV	100592	82601	2.82%	0.820%
32	13.265	1855	1858	1860	rVB2	67437	63175	2.15%	0.627%
33	13.607	1914	1916	1919	rBV	34954	29575	1.01%	0.293%
34	13.642	1919	1922	1924	rBV	47165	48914	1.67%	0.485%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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	13.871	1958	1961	1966	rBV3	255937	366307	12.48%	3.635%
36	13.942	1970	1973	1977	rBV2	67138	82758	2.82%	0.821%
37	14.024	1984	1987	1990	rBV2	178989	187140	6.38%	1.857%
38	14.136	2002	2006	2009	rBV2	274898	370133	12.61%	3.673%
39	14.165	2009	2011	2014	rVB	163190	123345	4.20%	1.224%
40	14.254	2023	2026	2027	rBV2	38388	41049	1.40%	0.407%
41	14.277	2027	2030	2033	rVV	221198	212350	7.24%	2.107%
42	14.312	2033	2036	2038	rVB	97114	92977	3.17%	0.923%
43	14.565	2077	2079	2083	rVB3	40655	49986	1.70%	0.496%
44	15.224	2187	2191	2200	rVB	121996	262182	8.94%	2.602%
45	15.548	2243	2246	2250	rVB	59678	68055	2.32%	0.675%
46	15.612	2254	2257	2263	rBV	92060	135196	4.61%	1.342%
47	15.677	2265	2268	2272	rVB2	112121	134704	4.59%	1.337%

Sum of corrected areas: 10077688

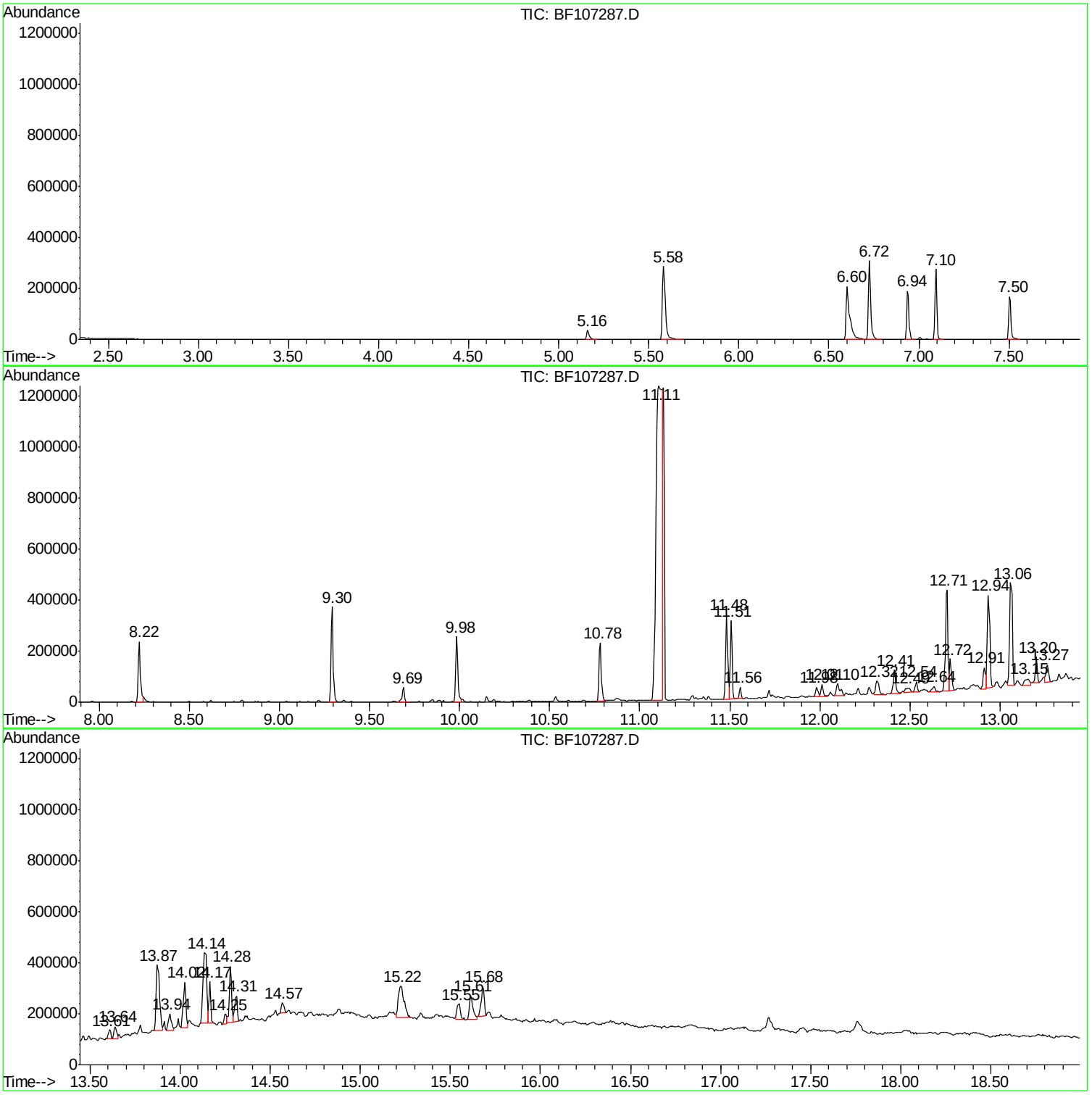
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

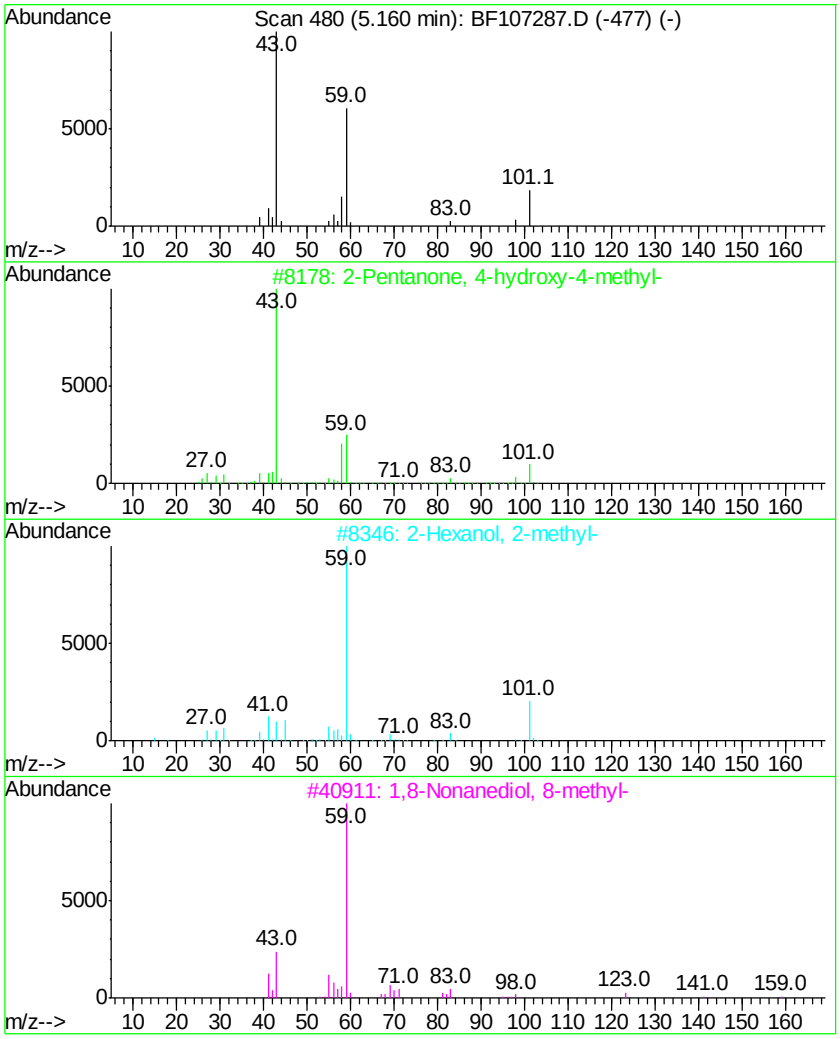
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

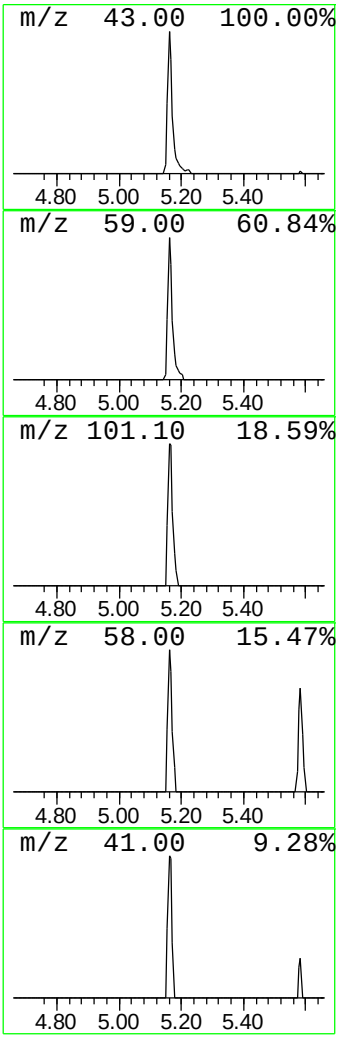
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.43 ng	37715	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

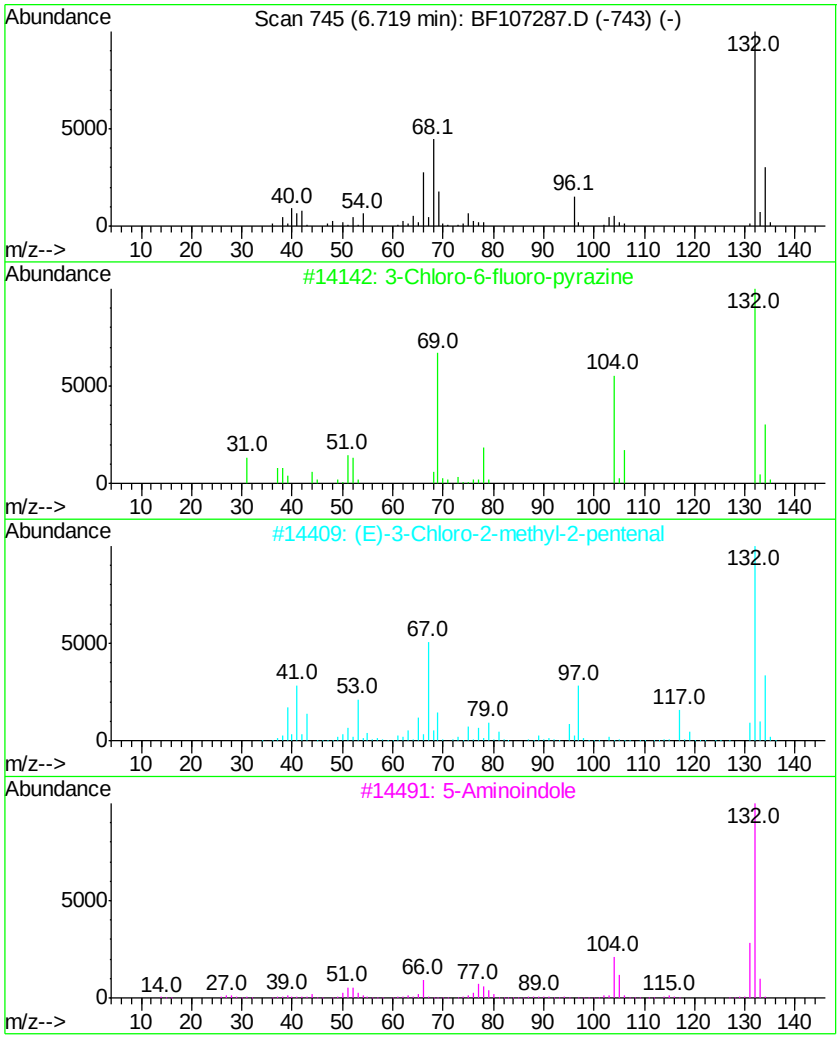
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

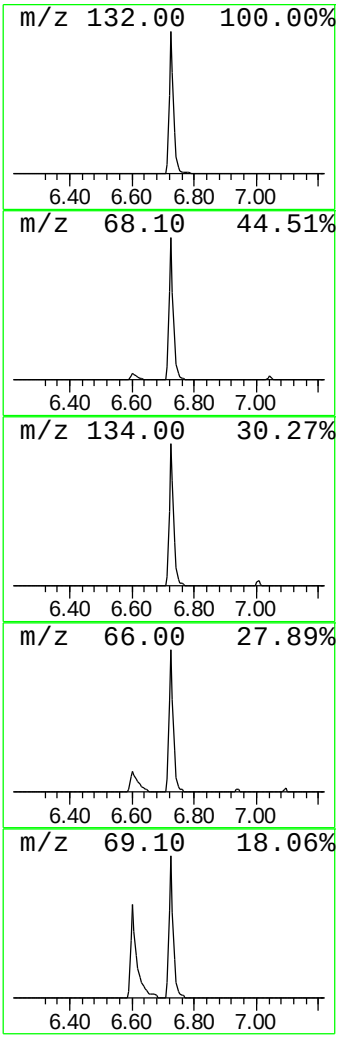
****

Peak Number 2 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	35.48 ng	302112	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

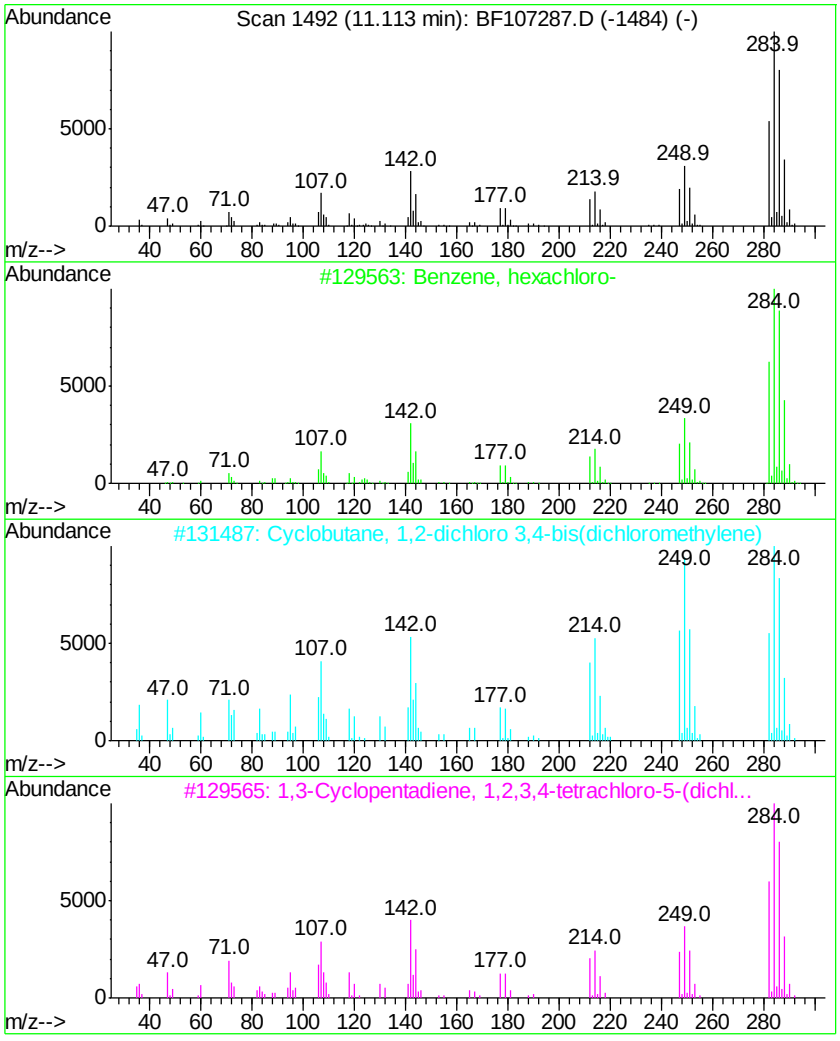
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

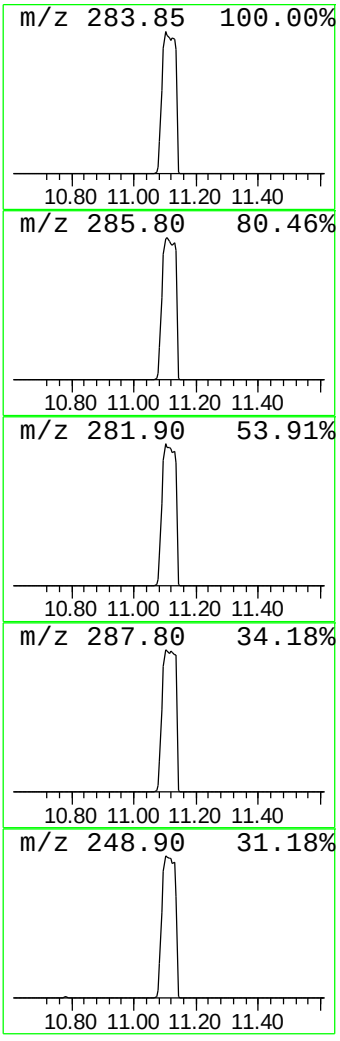
****

Peak Number 4 Benzene, hexachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	209.96 ng	2934250	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
2	Cyclobutane, 1,2-dichloro 3,4-bi...	284	C6H2Cl6	055044-46-7	72
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	282	C6Cl6	006317-25-5	64
4	Cyclobutene,1,2-dichloro 3,4-bis...	282	C6Cl6	001128-20-7	64
5	1,2,3,4-Tetrachloro-5-trifluorom...	282	C7HCl4F3	1000306-78-6	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

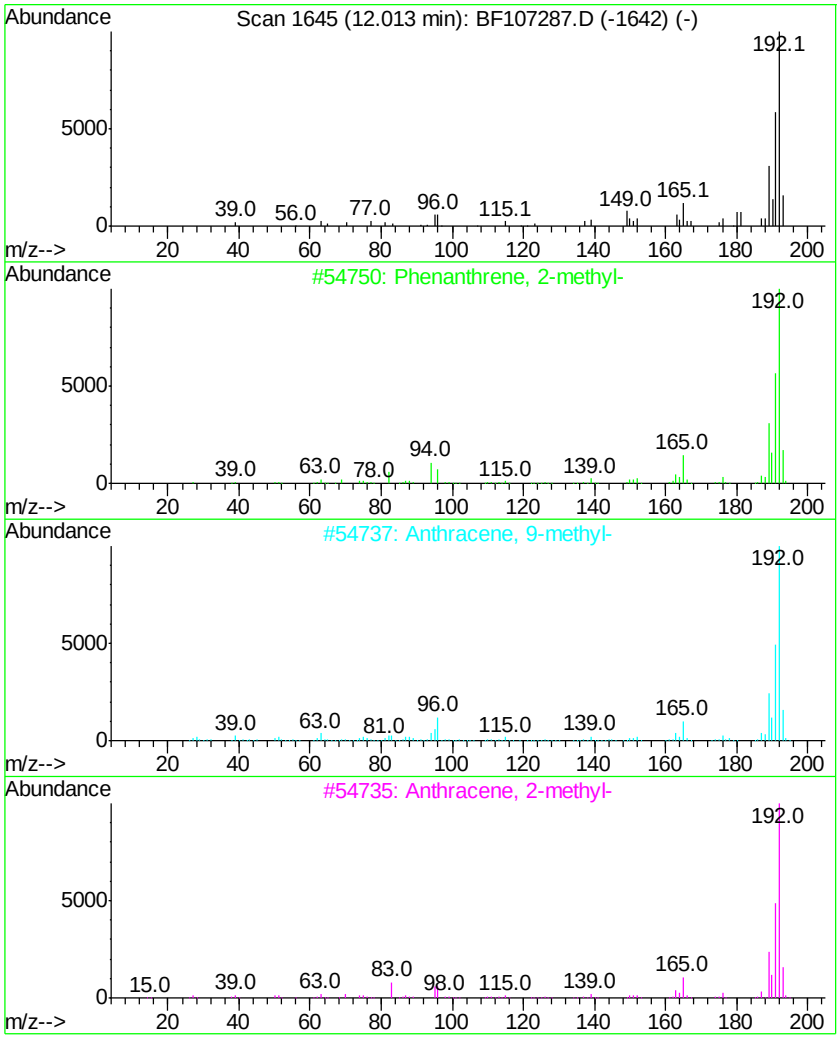
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

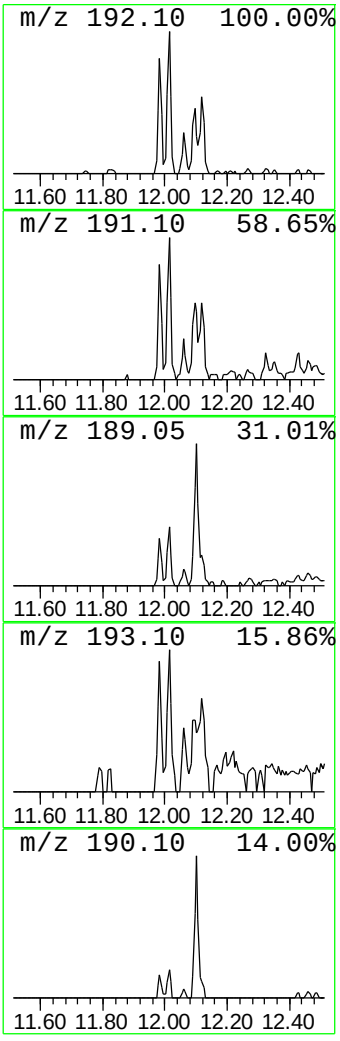
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.17 ng	44246	Phenanthrene-d10	11.48

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

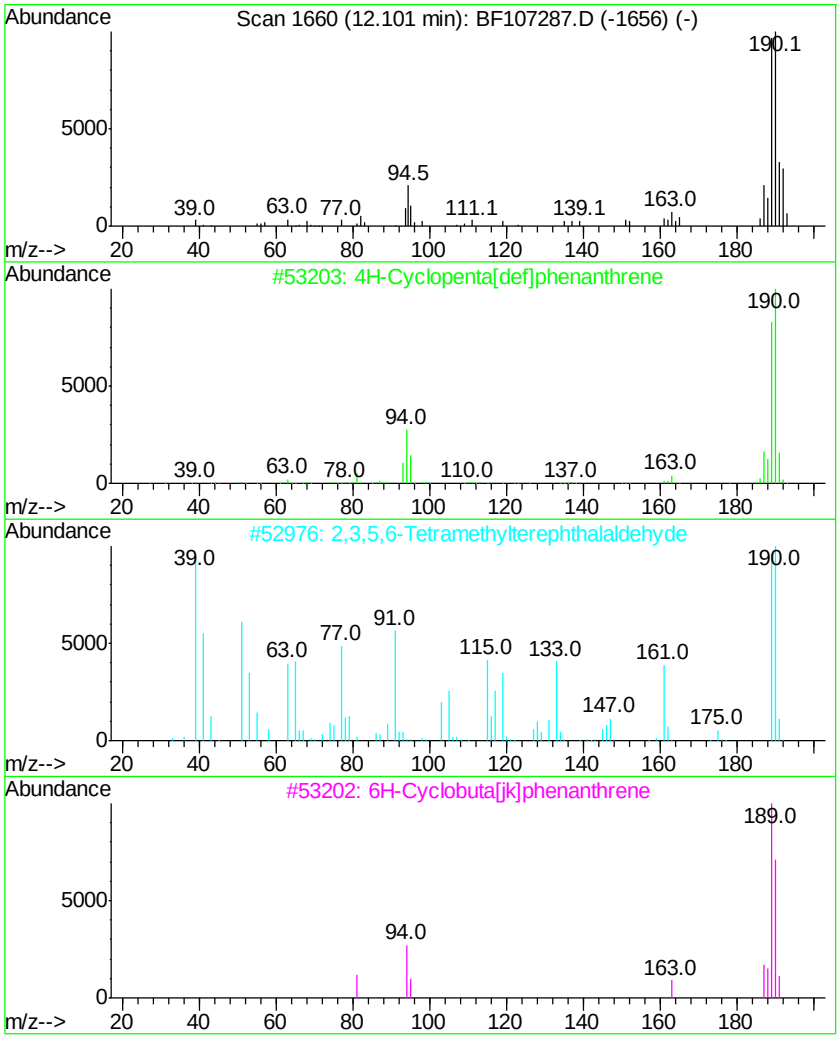
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

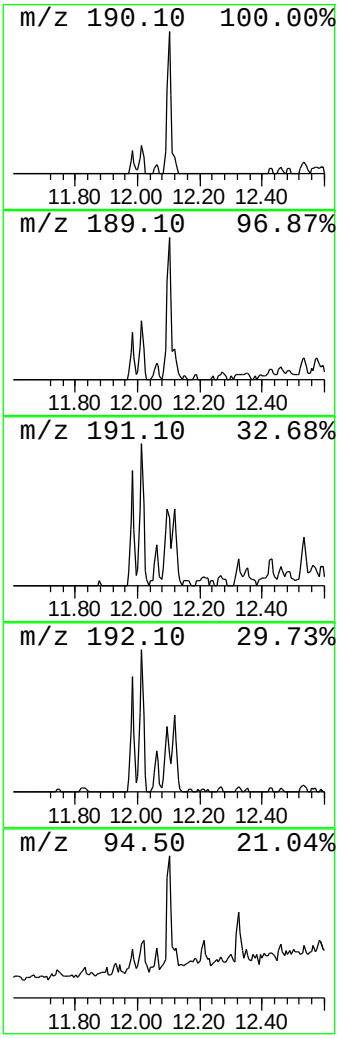
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.50 ng	76860	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

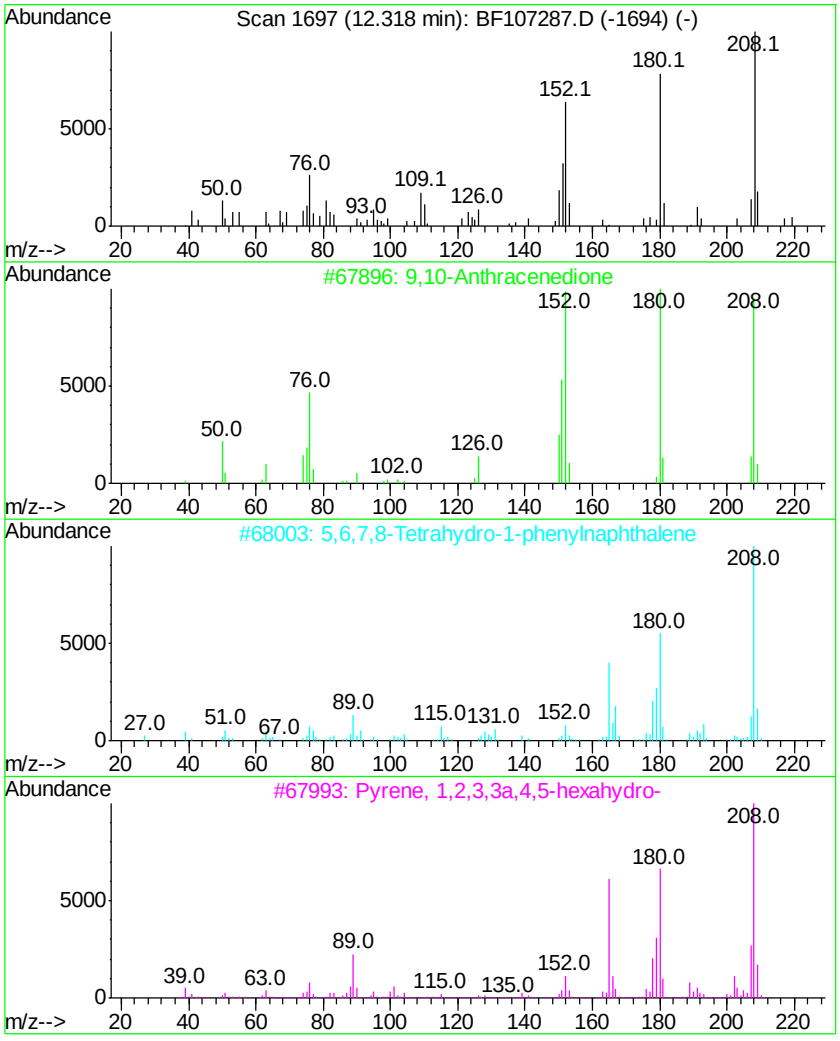
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

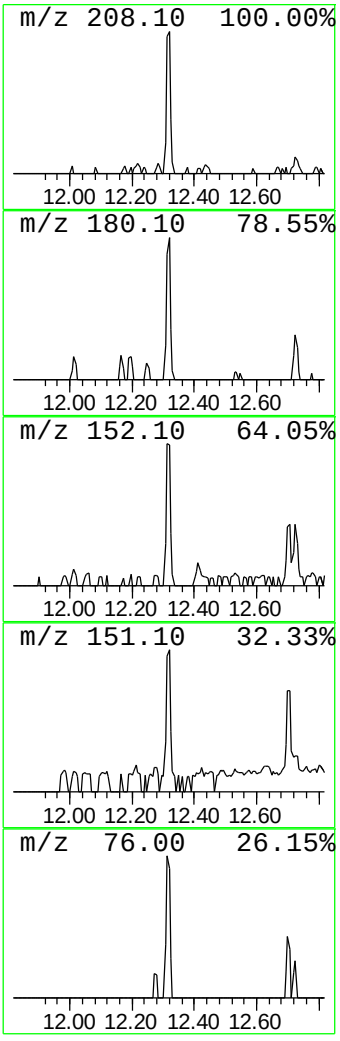
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.65 ng	64951	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	62
3	Pyrene, 1,2,3,3a,4,5-hexahydro-	208	C16H16	005385-37-5	58
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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Sample : J3914-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : B1

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

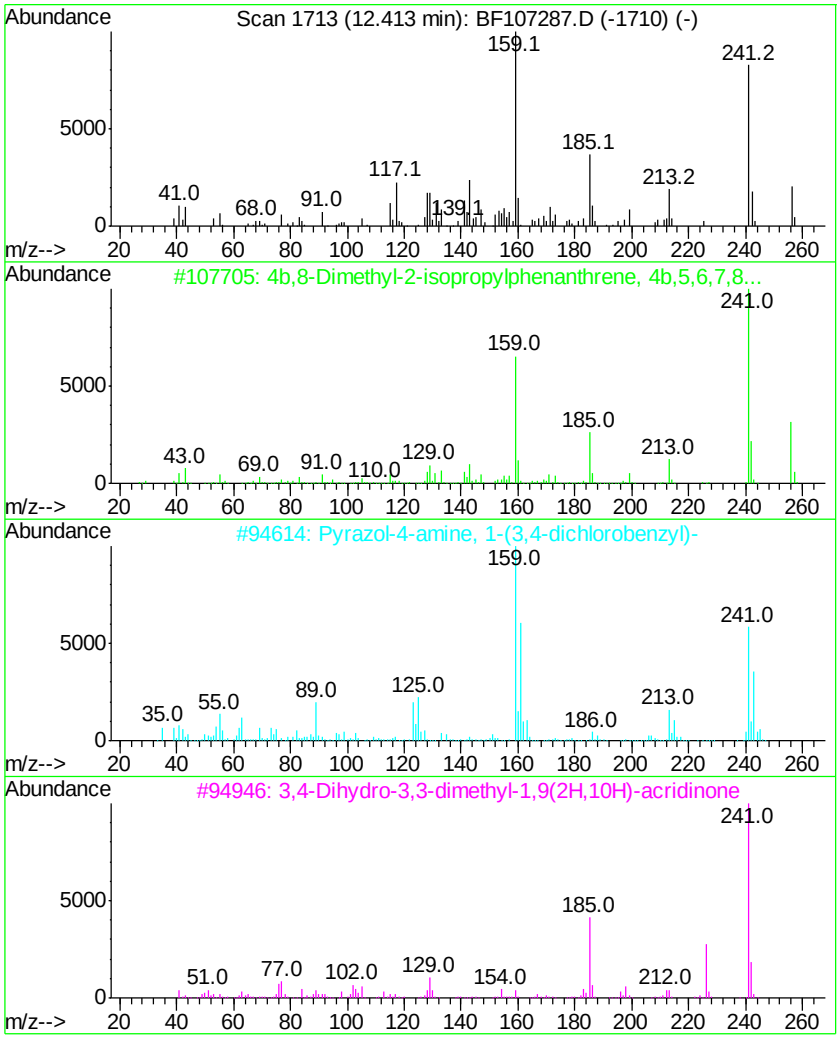
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

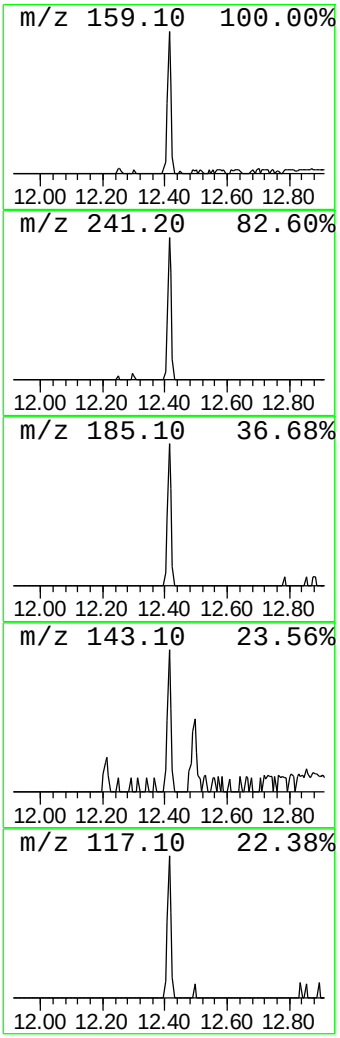
****

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	6.40 ng	89506	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	53
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	46
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	46
5	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

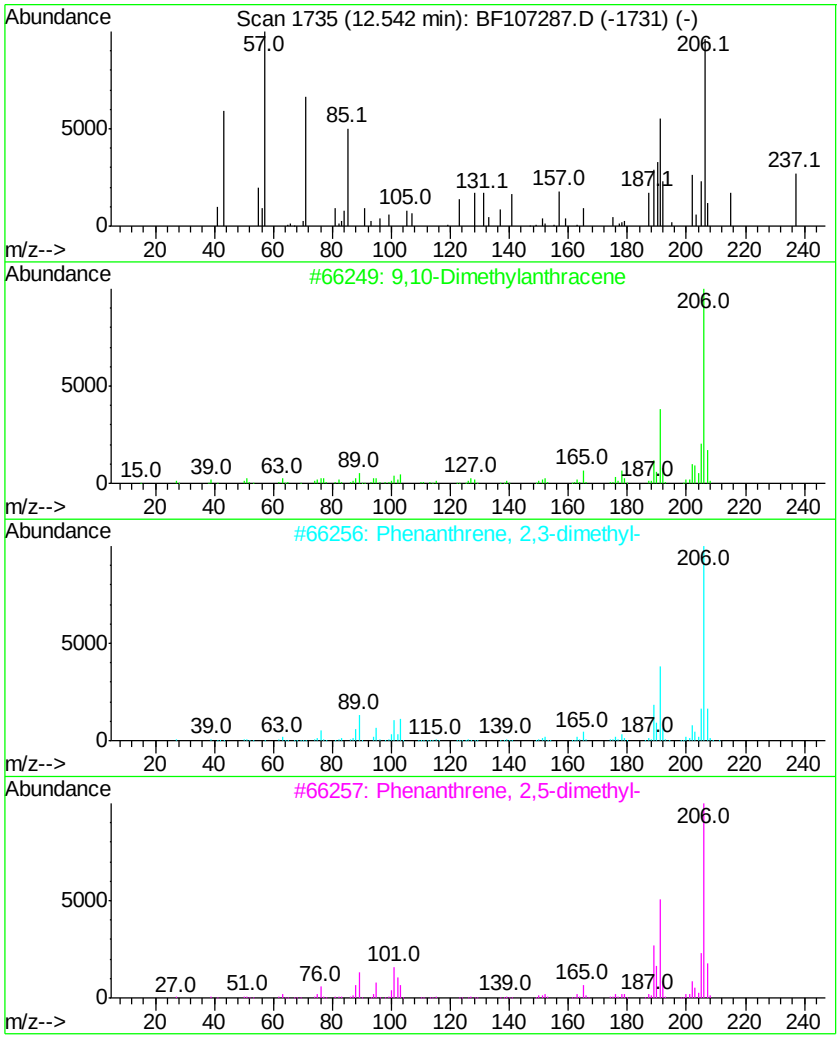
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

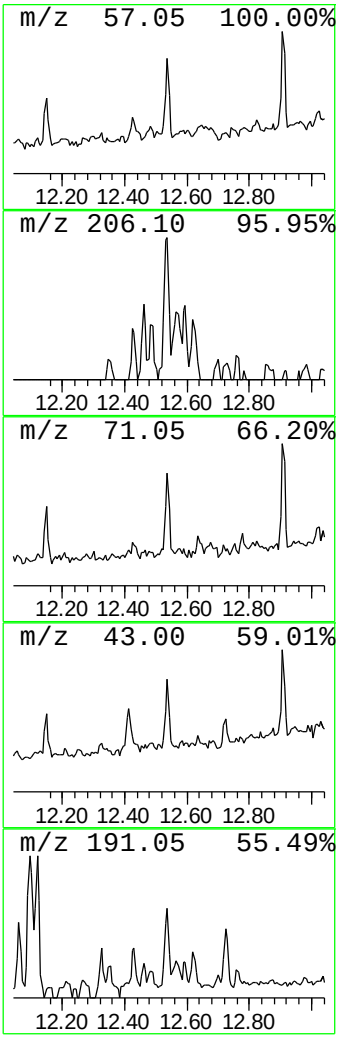
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.41 ng	33716	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	60
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53





Library Search Compound Report

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Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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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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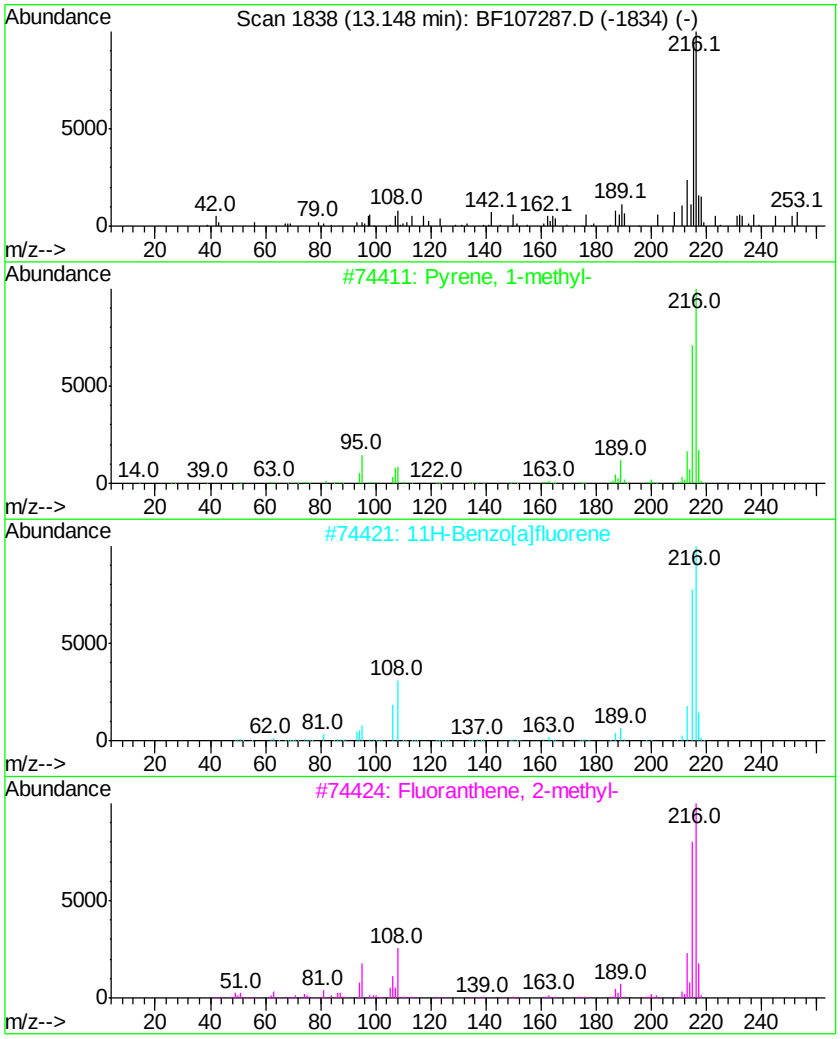
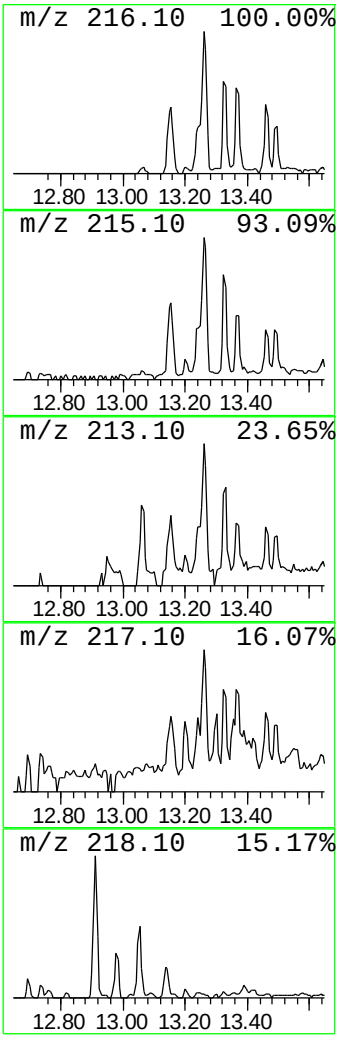
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.77 ng	51177	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

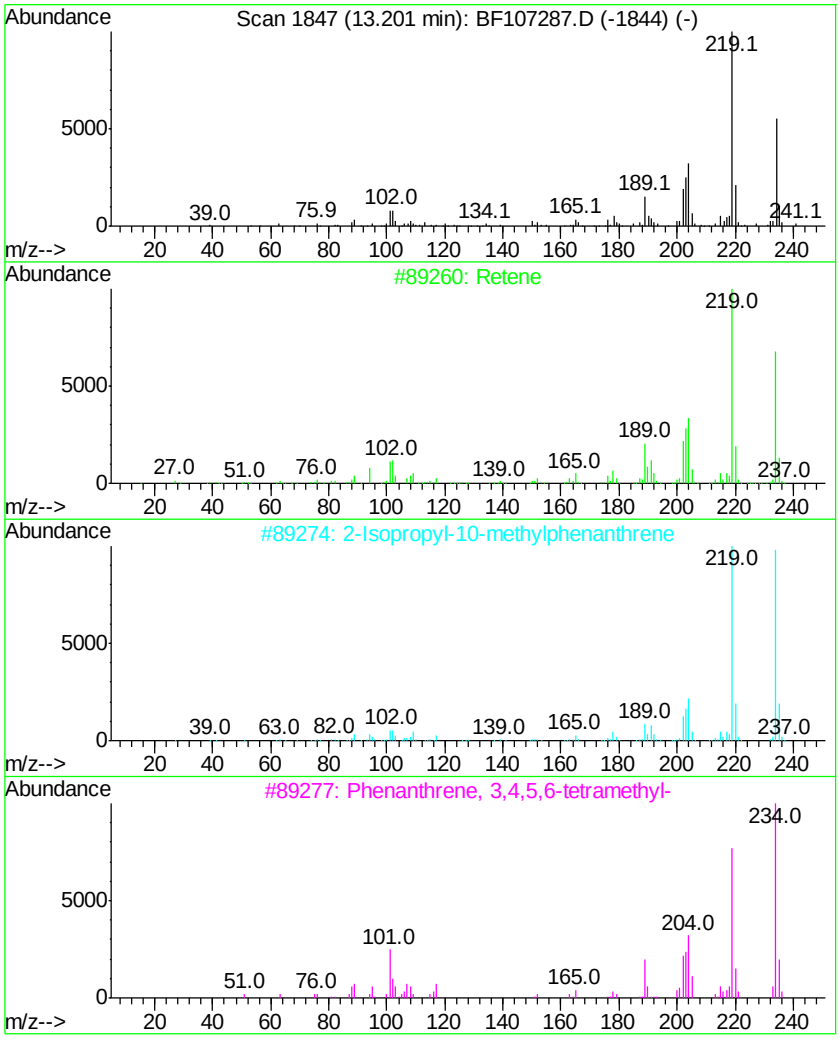
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

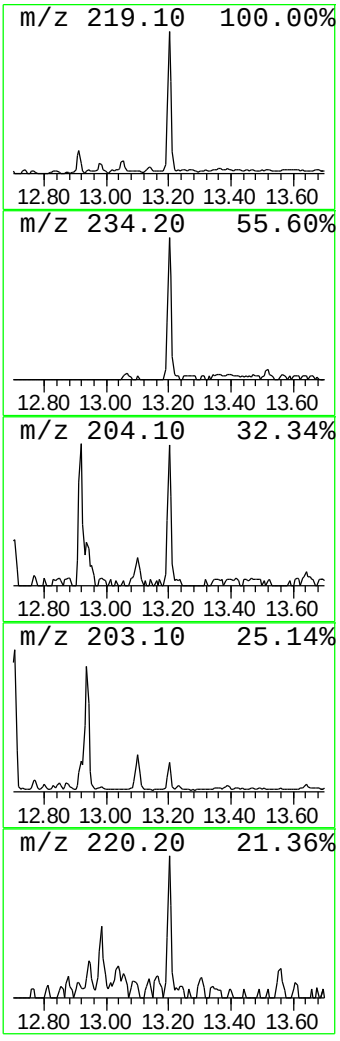
****

Peak Number 11 Retene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.46 ng	82601	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	78
4	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	58
5	2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	58





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : B1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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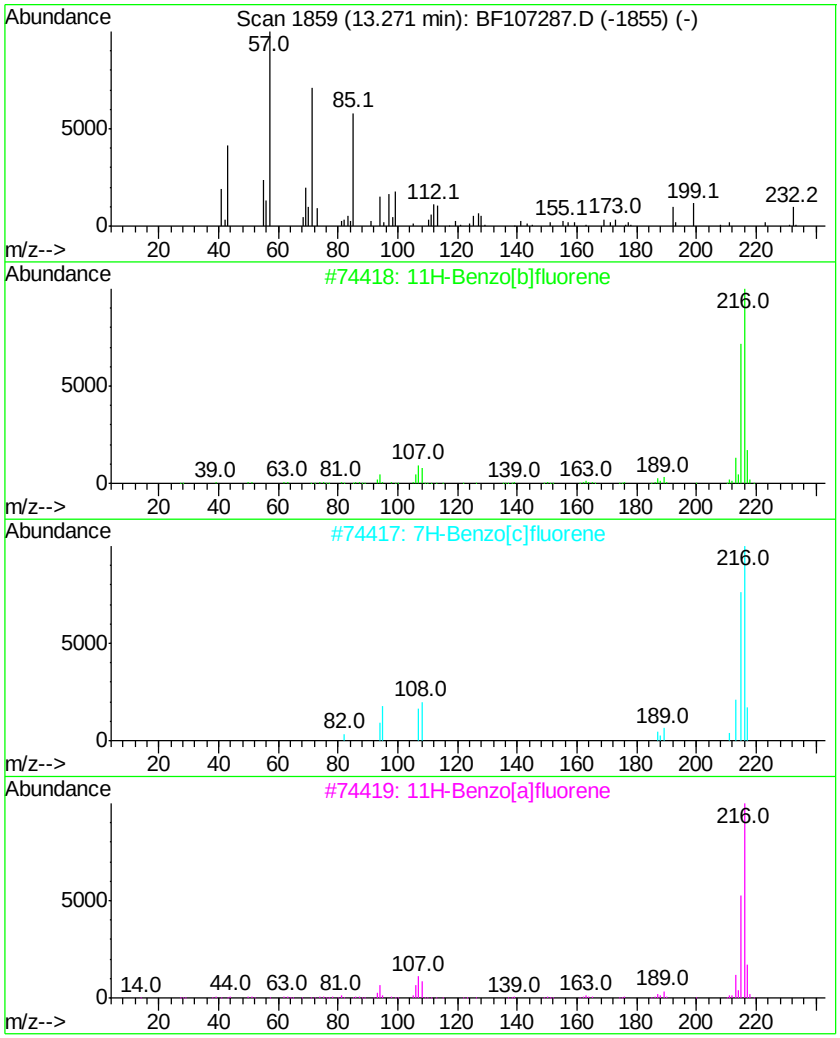
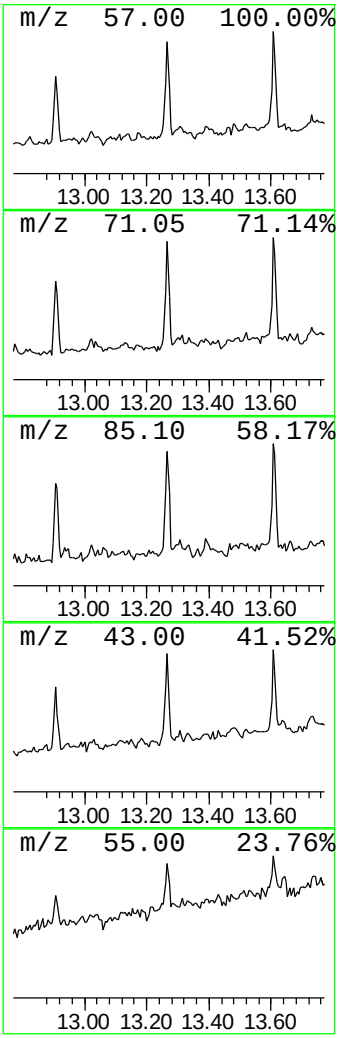
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.41 ng	63175	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





Library Search Compound Report

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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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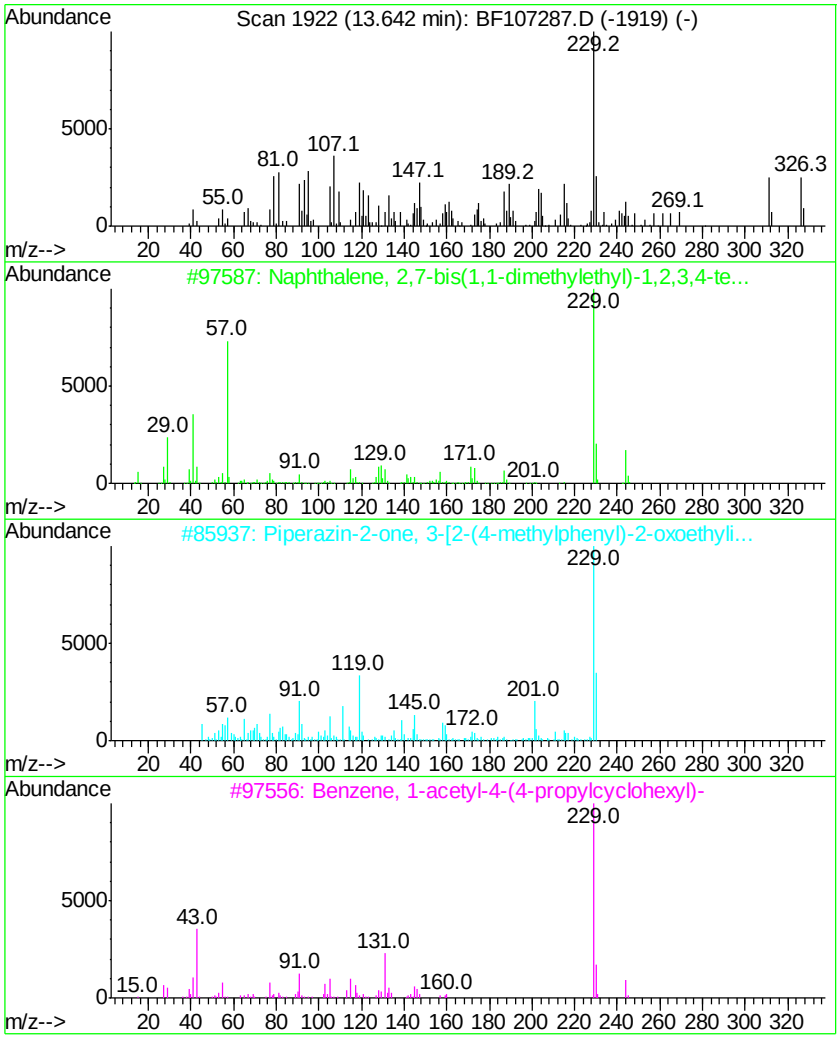
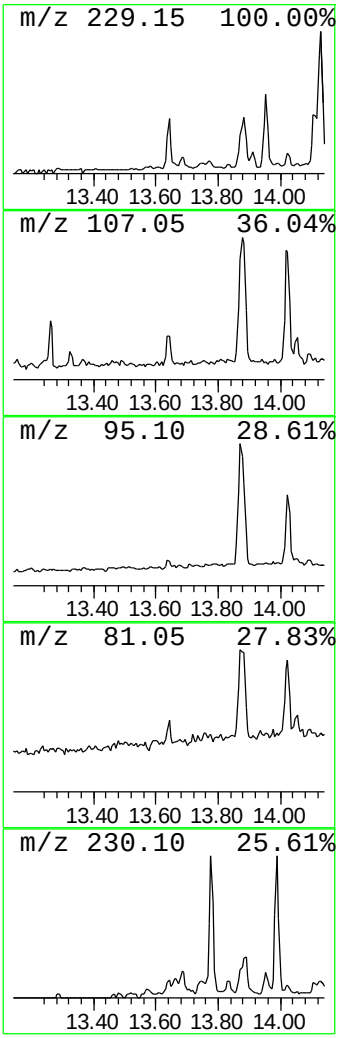
Peak Number 13 unknown13.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.64 ng	48914	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-bis(1,1-dimethy...	244	C18H28	043012-91-5	38
2	Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	38
3	Benzene, 1-acetyl-4-(4-propylcyc...	244	C17H24O	078531-61-0	38
4	2H-1-Benzopyran-2-one, 7-methoxy...	258	C15H14O4	023631-16-5	32
5	Benzene, 1,3-bis(1-isocyanato-1-...	244	C14H16N2O2	002778-42-9	27





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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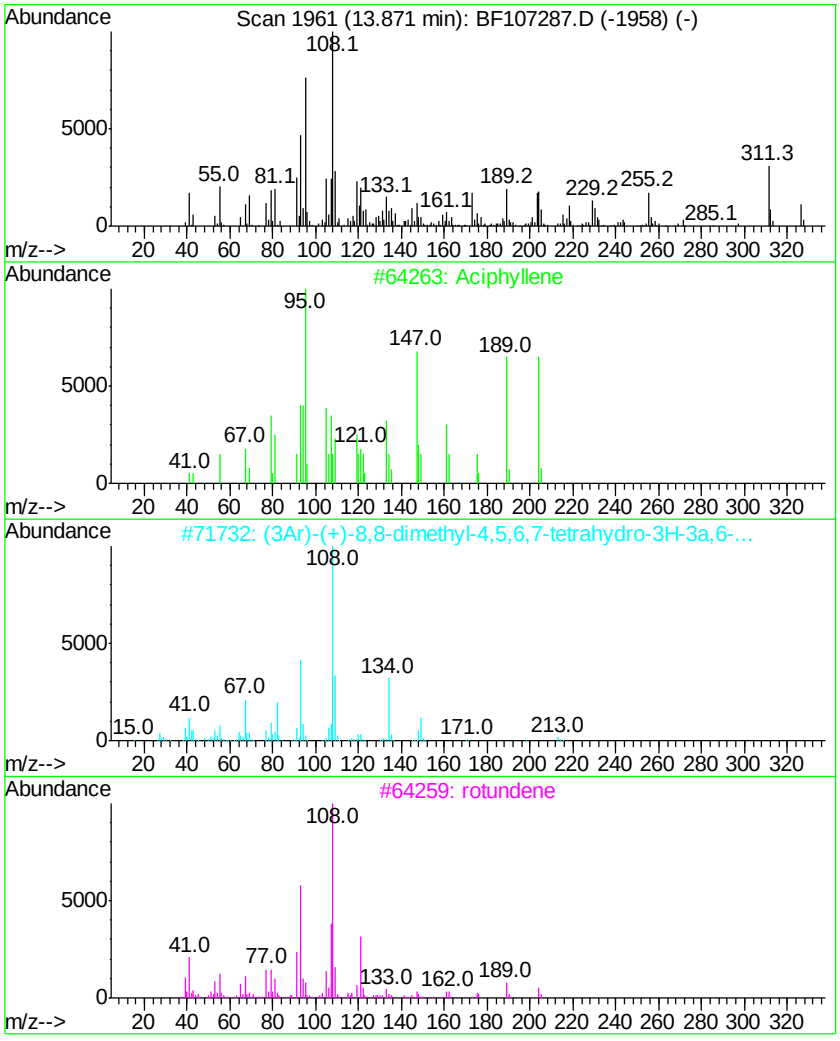
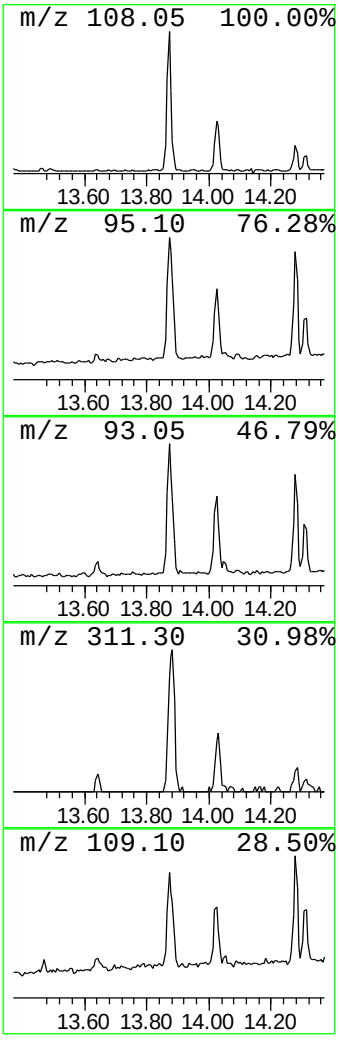
Peak Number 14 unknown13.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	19.79 ng	366307	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aciphyllene	204	C15H24	087745-31-1	45
2	(3Ar)-(+)-8,8-dimethyl-4,5,6,7-t...	213	C10H15NO2S	107869-45-4	35
3	rotundene	204	C15H24	1000374-17-0	27
4	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	27
5	4-Bromobutanoic acid, 2-methylph...	256	C11H13BrO2	1000293-67-3	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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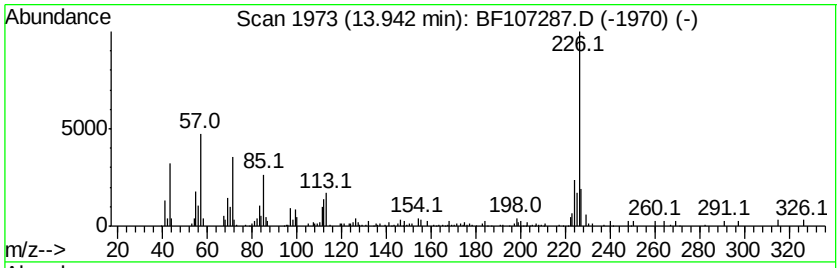
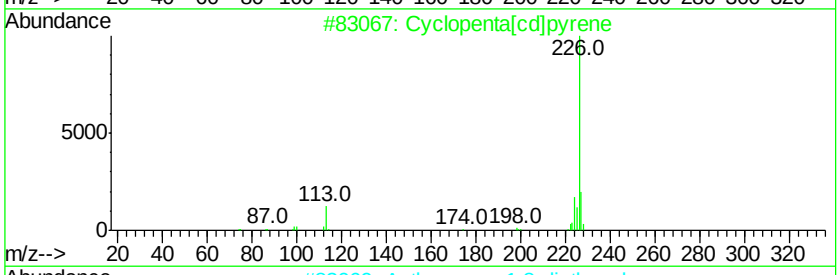
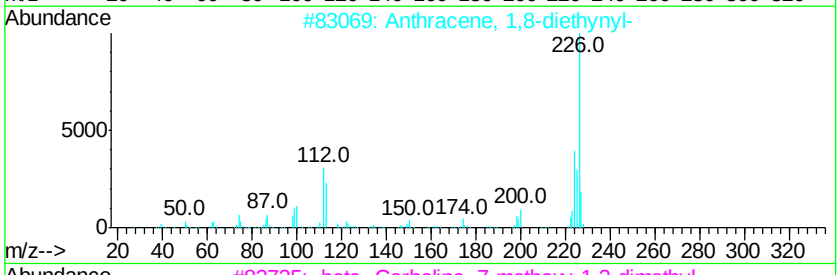
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 12

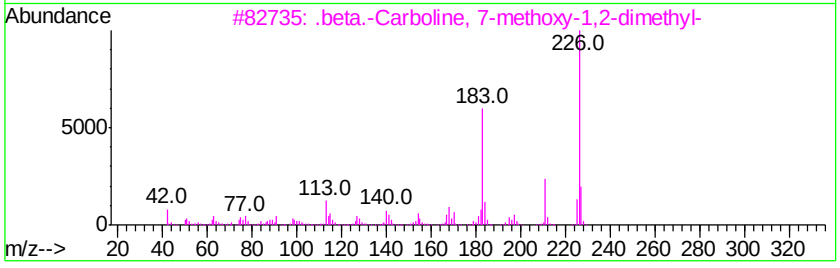
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.47 ng	82758	Chrysene-d12	14.14

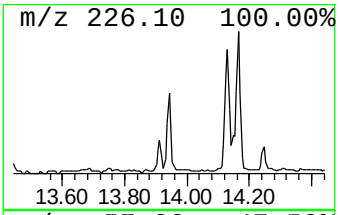
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
2	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	49
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	47

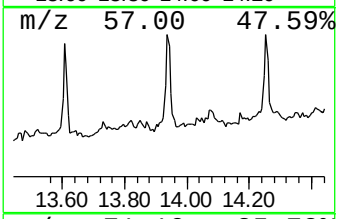


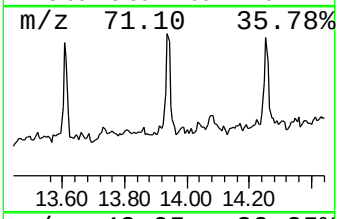


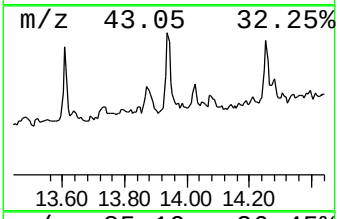


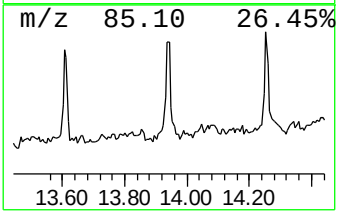












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Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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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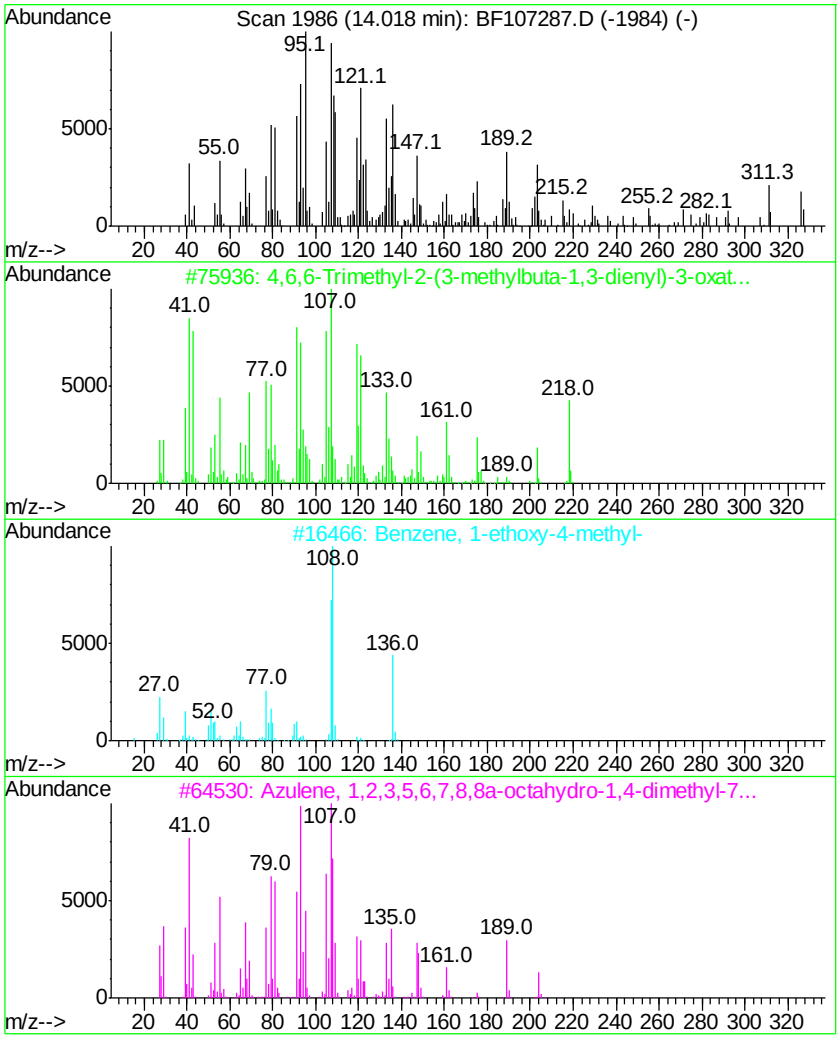
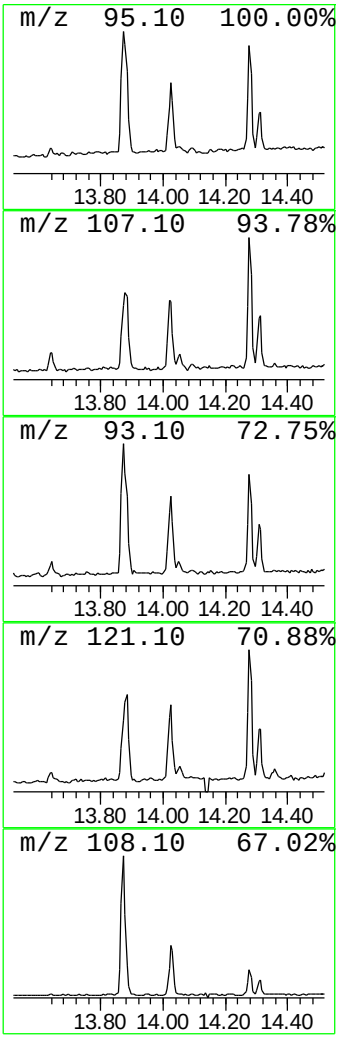
Peak Number 16 unknown14.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.11 ng	187140	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	25
2	Benzene, 1-ethoxy-4-methyl-	136	C9H12O	000622-60-6	20
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	20
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	18
5	.alpha.-Campholenal	152	C10H16O	004501-58-0	18





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Misc :
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Instrument : BNA_F
ClientSampleId : B1

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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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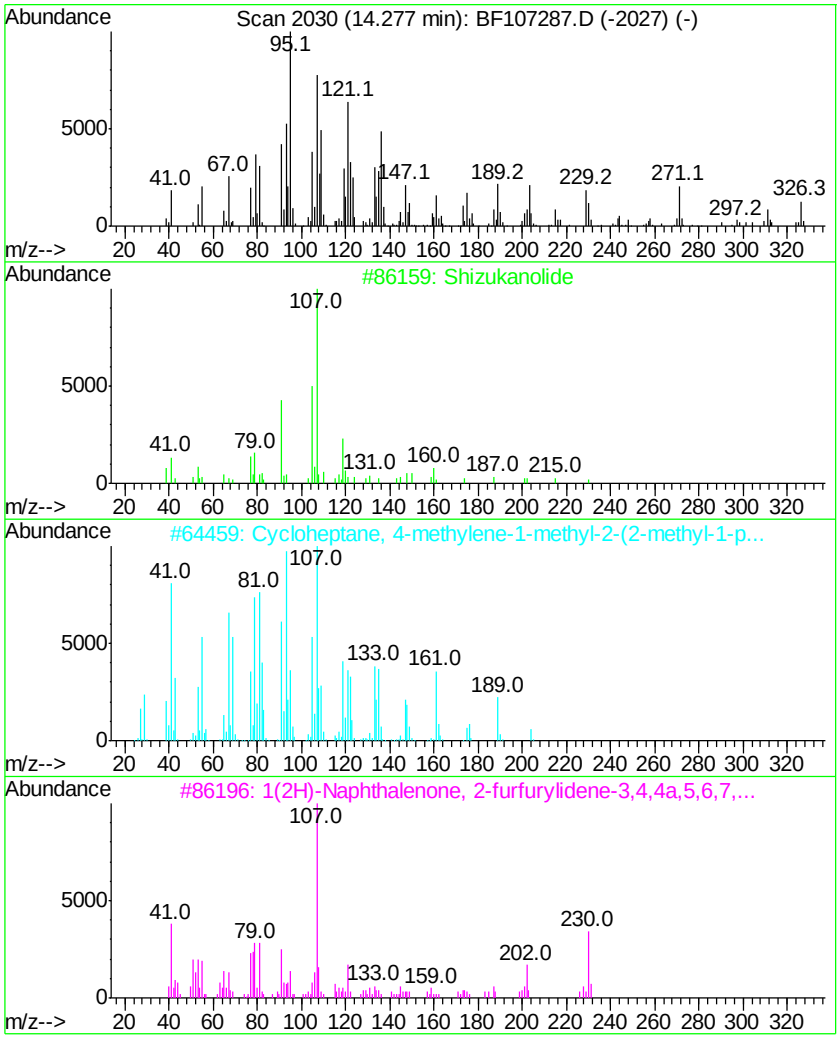
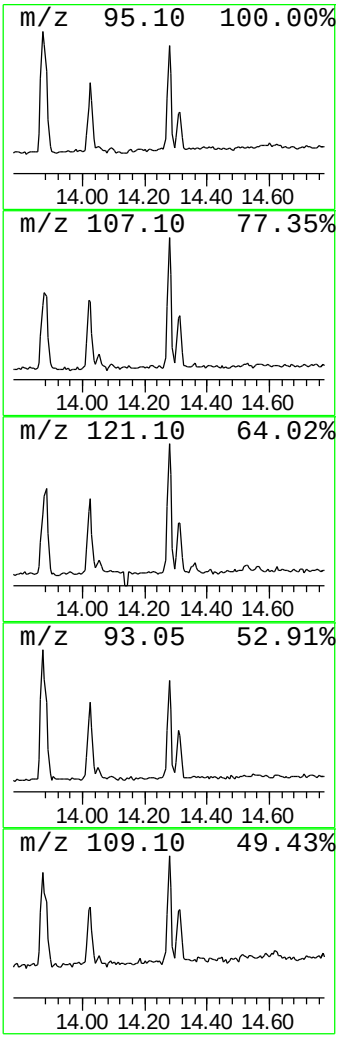
Peak Number 17 unknown14.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	11.47 ng	212350	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Shizukanolide	230	C15H18O2	070578-36-8	44
2	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	41
3	1(2H)-Naphthalenone, 2-furfurvli...	230	C15H18O2	017429-47-9	35
4	cis-2-(2-Pentenyl)furan	136	C9H12O	070424-13-4	22
5	Phenol, 2-(3,5-dimethylpyrid-2-y...	271	C14H13N3O3	341936-48-9	18





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Sample : J3914-01 2X
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : B1

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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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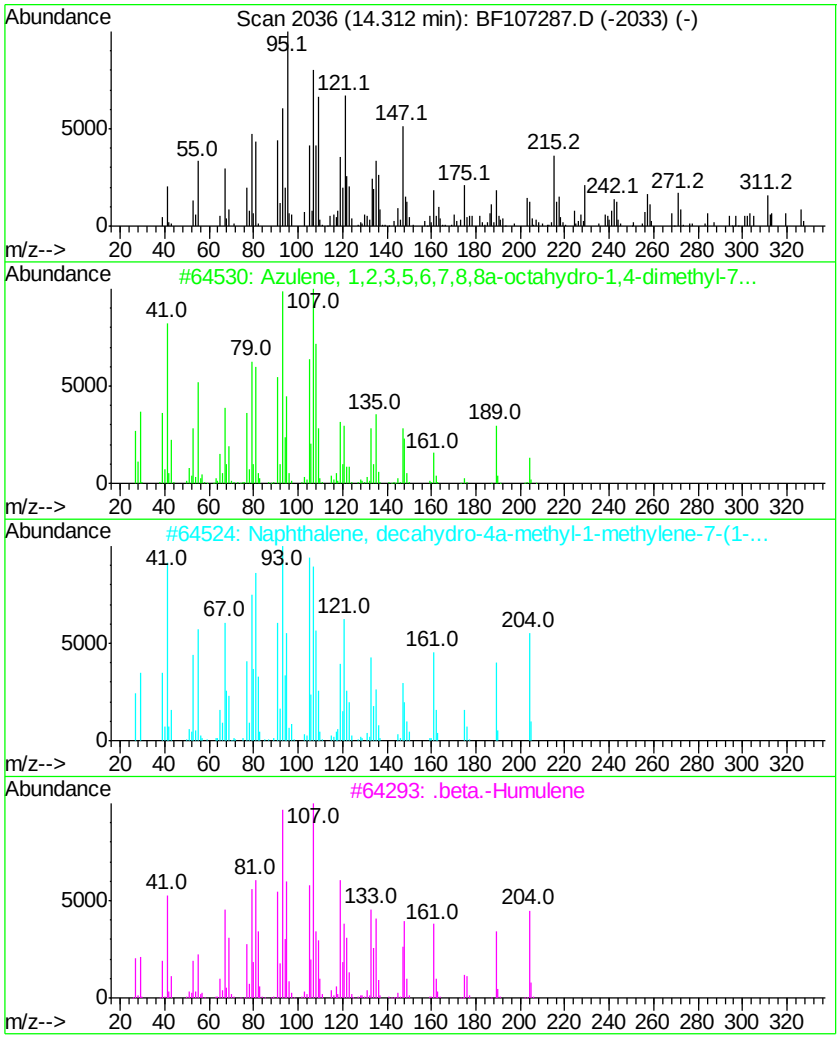
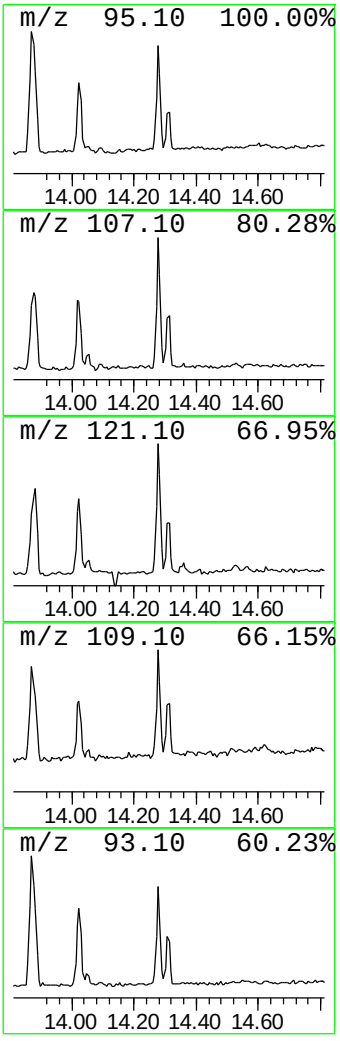
Peak Number 18 unknown14.31 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.02 ng	92977	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	47
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
3	.beta.-Humulene	204	C15H24	000116-04-1	38
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	30
5	Phenol, 3-propyl-	136	C9H12O	000621-27-2	25





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : B1

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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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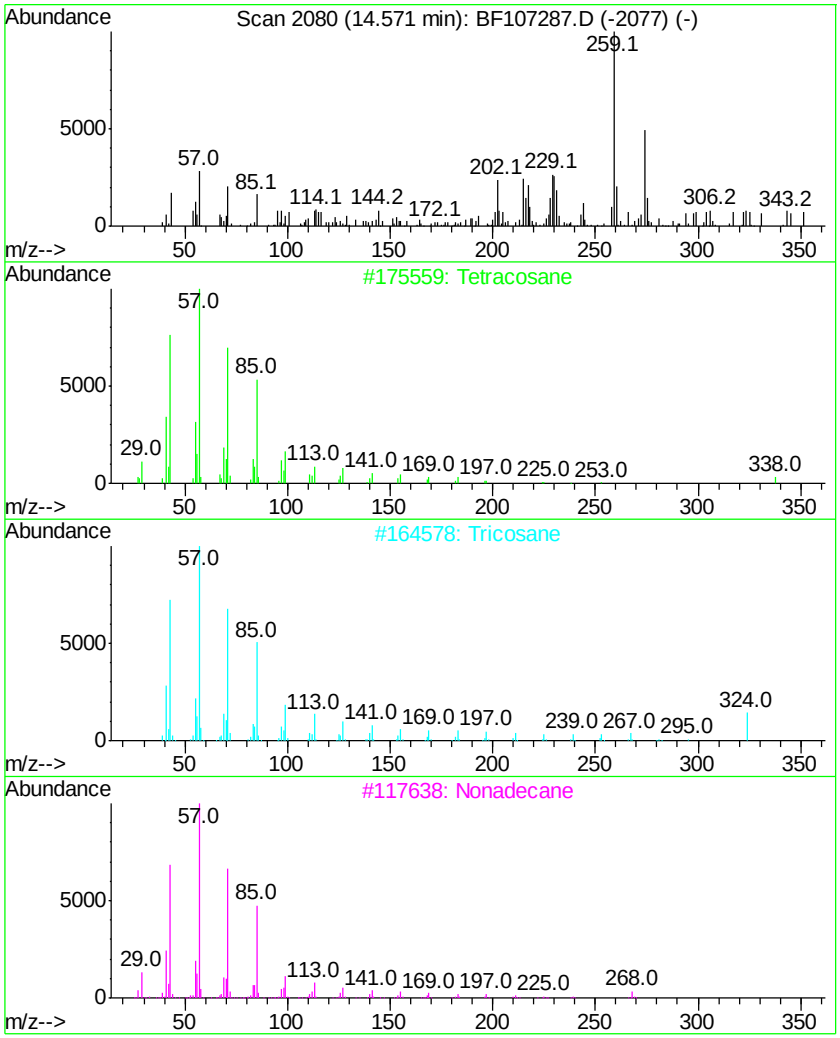
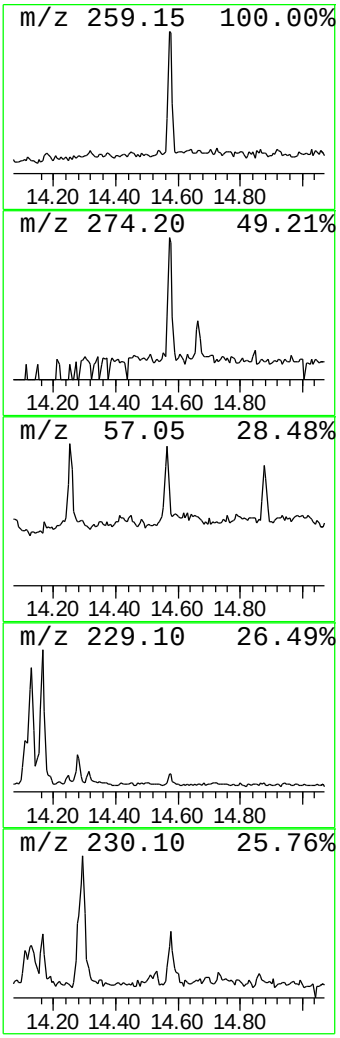
Peak Number 19 unknown14.57 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.70 ng	49986	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	43
2	Tricosane	324	C23H48	000638-67-5	42
3	Nonadecane	268	C19H40	000629-92-5	30
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	30
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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

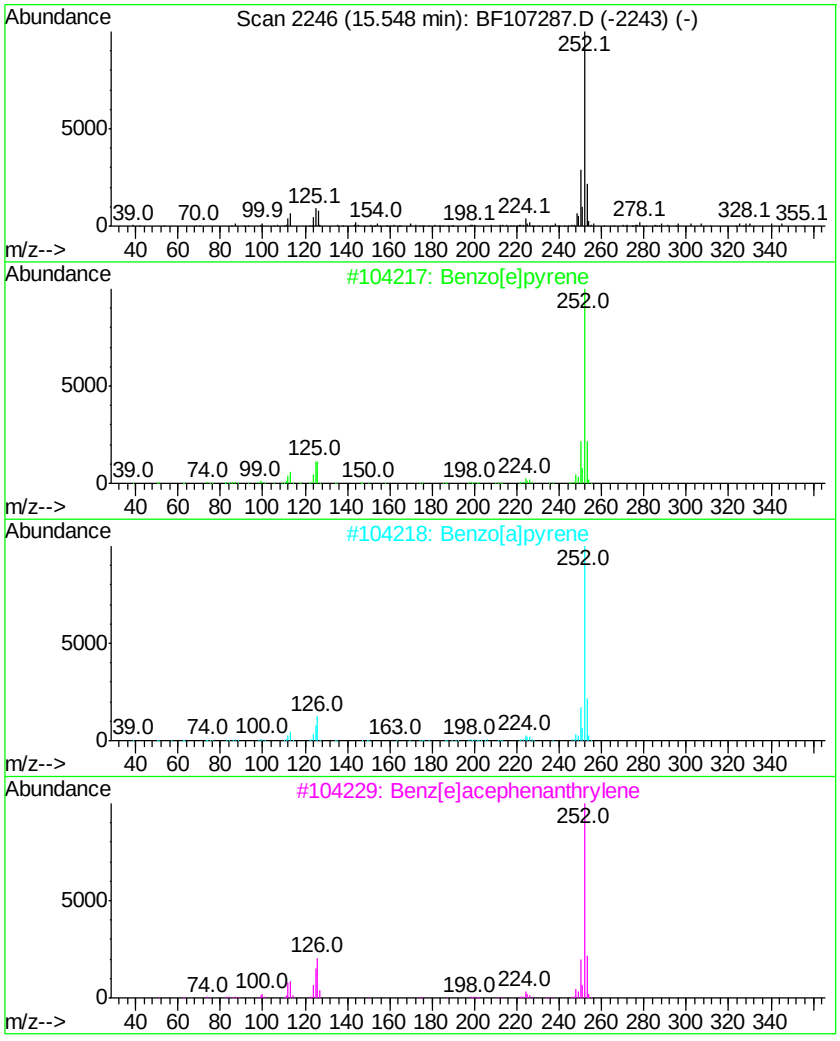
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

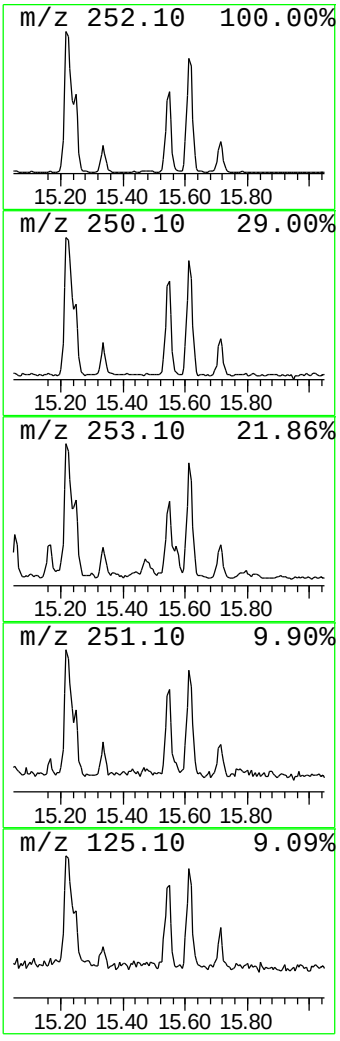
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	10.10 ng	68055	Perylene-d12	15.68

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107287.D
Acq On : 10 Jul 2018 21:42
Operator : JU/SJ
Sample : J3914-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

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...	5.16	4.4	ng	37715	1	6.94	170284	20.0
unknown6.72	6.72	35.5	ng	302112	1	6.94	170284	20.0
Benzene, hexachloro-	11.11	210.0	ng	2934250	4	11.48	279506	20.0
Phenanthrene, 2-m...	12.01	3.2	ng	44246	4	11.48	279506	20.0
4H-Cyclopenta[def...	12.10	5.5	ng	76860	4	11.48	279506	20.0
9,10-Anthracenedione	12.32	4.7	ng	64951	4	11.48	279506	20.0
4b,8-Dimethyl-2-i...	12.41	6.4	ng	89506	4	11.48	279506	20.0
9,10-Dimethylanth...	12.54	2.4	ng	33716	4	11.48	279506	20.0
Pyrene, 1-methyl-	13.15	2.8	ng	51177	5	14.14	370133	20.0
Retene	13.20	4.5	ng	82601	5	14.14	370133	20.0
11H-Benzo[b]fluorene	13.27	3.4	ng	63175	5	14.14	370133	20.0
unknown13.64	13.64	2.6	ng	48914	5	14.14	370133	20.0
unknown13.87	13.87	19.8	ng	366307	5	14.14	370133	20.0
Cyclopenta[cd]pyrene	13.94	4.5	ng	82758	5	14.14	370133	20.0
unknown14.02	14.02	10.1	ng	187140	5	14.14	370133	20.0
unknown14.28	14.28	11.5	ng	212350	5	14.14	370133	20.0
unknown14.31	14.31	5.0	ng	92977	5	14.14	370133	20.0
unknown14.57	14.57	2.7	ng	49986	5	14.14	370133	20.0
Benzo[e]pyrene	15.55	10.1	ng	68055	6	15.68	134704	20.0