LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

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-BF072018.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	5.201	483	487	495	rBV	781422	846744	7.70%	1.228%
2	5.466	528	532	540	rBV	222970	234542	2.13%	0.340%
3	5.601	552	555	577	rBV	578055	882977	8.03%	1.281%
4	5.819	589	592	600	rBV	651117	701428	6.38%	1.017%
5	6.142	644	647	651	rBV	184965	167917	1.53%	0.244%
6	6.607	722	726	746	rBV	1843329	2535298	23.05%	3.677%
7	6.748	746	750	756	rBV	1767008	1771703	16.11%	2.570%
8	6.978	785	789	795	rBV	1602467	1672896	15.21%	2.426%
9	7.025	795	797	803	rVB2	157722	173842	1.58%	0.252%
10	7.131	811	815	824	rBV	2388285	2119490	19.27%	3.074%
11	7.536	881	884	892	rBV	1409964	1591283	14.47%	2.308%
12	8.260	1003	1007	1013	rBV	2124612	2042902	18.57%	2.963%
13	8.972	1125	1128	1131	rBV	121135	121624	1.11%	0.176%
14	9.072	1143	1145	1151	rVB	129936	124872	1.14%	0.181%
15	9.330	1186	1189	1198	rBV	3073185	2727207	24.80%	3.955%
16	9.607	1231	1236	1239	rBV2	76546	113338	1.03%	0.164%
17	9.677	1244	1248	1250	rVV2	159107	183358	1.67%	0.266%
18	9.725	1253	1256	1263	rVB	594896	582477	5.30%	0.845%
19	9.883	1279	1283	1288	rBV	234023	292959	2.66%	0.425%
20	9.930	1288	1291	1293	rVB2	149528	142292	1.29%	0.206%
21	10.019	1300	1306	1310	rBV2	1871630	1832717	16.66%	2.658%
22	10.054	1310	1312	1315	rVB	260465	212964	1.94%	0.309%
23	10.225	1337	1341	1344	rBV2	130794	171327	1.56%	0.248%
24	10.330	1356	1359	1361	rBV	114599	115241	1.05%	0.167%
25	10.430	1371	1376	1381	rBV2	188859	241443	2.20%	0.350%
26	10.572	1396	1400	1405	rBV	262475	298388	2.71%	0.433%
27	10.654	1409	1414	1416	rVV3	126217	161214	1.47%	0.234%
28	10.813	1437	1441	1445	rBV3	226961	306093	2.78%	0.444%
29	10.919	1454	1459	1467	rVB3	230819	424987	3.86%	0.616%
30	11.048	1478	1481	1483	rBV	188245	162332	1.48%	0.235%
31	11.277	1517	1520	1524	rVB	474168	418164	3.80%	0.606%
32	11.354	1531	1533	1536	rBV2	181245	185987	1.69%	0.270%
33	11.519	1557	1561	1563	rBV	1705952	1806294	16.42%	2.620%
34	11.542	1563	1565	1571	rVB	2114422	1756845	15.97%	2.548%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.589	1571	1573	1578	rBV	454887	513611	4.67%	0.745%
36	11.783	1604	1606	1608	rVB	188066	133930	1.22%	0.194%
37	11.848	1614	1617	1621	rBV2	196534	225871	2.05%	0.328%
38	12.019	1643	1646	1648	rBV	490512	461464	4.20%	0.669%
39	12.048	1648	1651	1653	rVV	420776	436958	3.97%	0.634%
40	12.071	1653	1655	1657	rVB	715532	555380	5.05%	0.806%
41	12.130	1661	1665	1668	rBV3	691812	890637	8.10%	1.292%
42	12.195	1673	1676	1679	rVV2	180004	195782	1.78%	0.284%
43	12.295	1690	1693	1694	rBV3	251008	227662	2.07%	0.330%
44	12.313	1694	1696	1698	rVV	284396	245827	2.24%	0.357%
45	12.342	1698	1701	1703	rVV2	388035	369320	3.36%	0.536%
46	12.366	1703	1705	1709	rVB4	262830	268894	2.44%	0.390%
47	12.430	1713	1716	1719	rBV2	400881	410940	3.74%	0.596%
48	12.566	1735	1739	1744	rBV3	298380	628822	5.72%	0.912%
49	12.736	1764	1768	1771	rBV	2972473	2832645	25.76%	4.108%
50	12.766	1771	1773	1776	rVV3	393946	417320	3.79%	0.605%
51	12.824	1780	1783	1787	rVV3	252625	357815	3.25%	0.519%
52	12.971	1801	1808	1813	rBV	3477006	4423381	40.22%	6.416%
53	13.054	1820	1822	1826	rBV	632599	598687	5.44%	0.868%
54	13.101	1827	1830	1837	rVB	2533183	2519217	22.91%	3.654%
55	13.360	1872	1874	1877	rVB	357579	257005	2.34%	0.373%
56	13.571	1907	1910	1913	rBV	1778653	1449193	13.18%	2.102%
57	13.777	1942	1945	1947	rBV	1403290	1232741	11.21%	1.788%
58	13.807	1947	1950	1955	rVB	3530931	3245853	29.51%	4.708%
59	13.960	1974	1976	1979	rBV2	626605	629209	5.72%	0.913%
60	14.136	2001	2006	2008	rBV	9019123	10998214	100.00%	15.951%
61	14.171	2008	2012	2015	rVB2	1247704	1797711	16.35%	2.607%
62	14.295	2030	2033	2036	rVB2	1318590	1207339	10.98%	1.751%
63	14.330	2036	2039	2042	rVB	1714789	1558611	14.17%	2.261%
64	14.360	2042	2044	2046	rBV	586090	484056	4.40%	0.702%
65	14.383	2046	2048	2050	rVV2	742264	555501	5.05%	0.806%
66	14.430	2054	2056	2058	rVB	565206	428606	3.90%	0.622%
67	14.754	2108	2111	2120	rVB	887206	1266537	11.52%	1.837%

Sum of corrected areas: 68947884

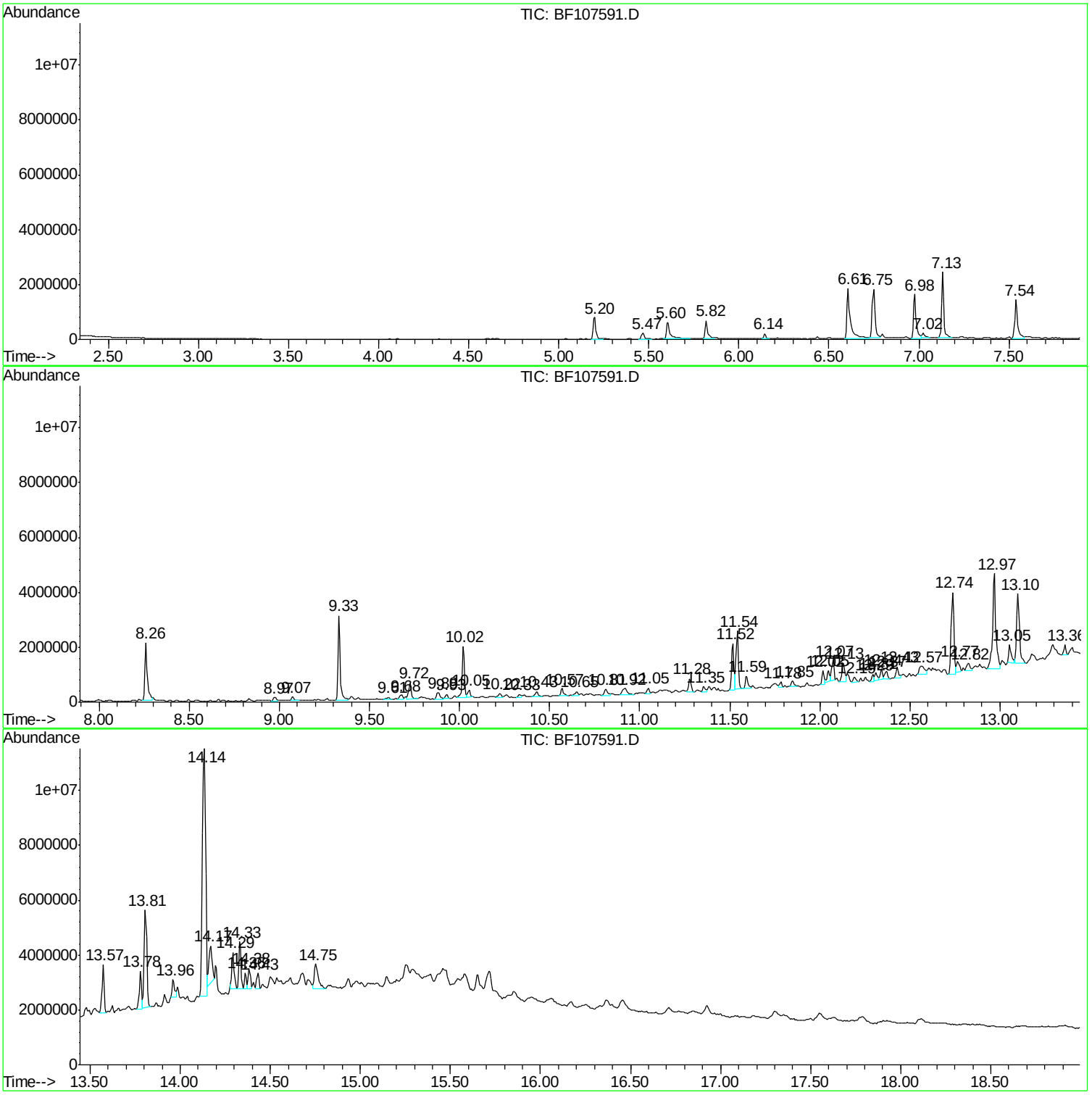
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

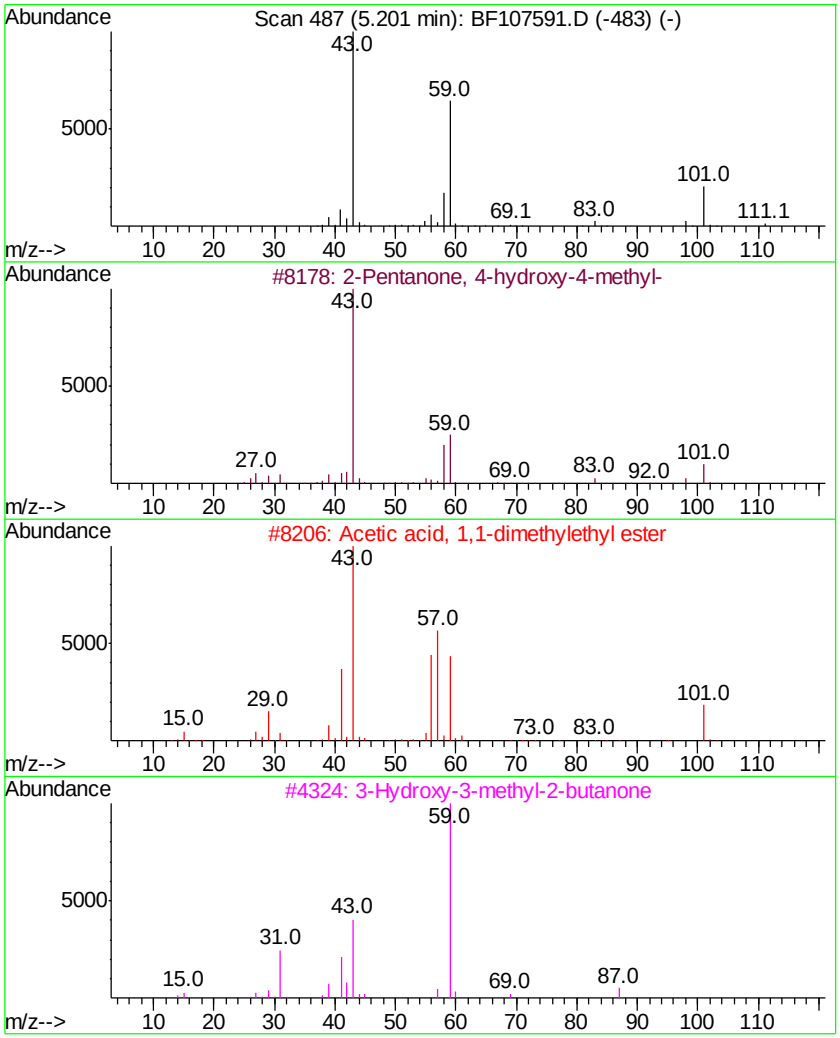
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

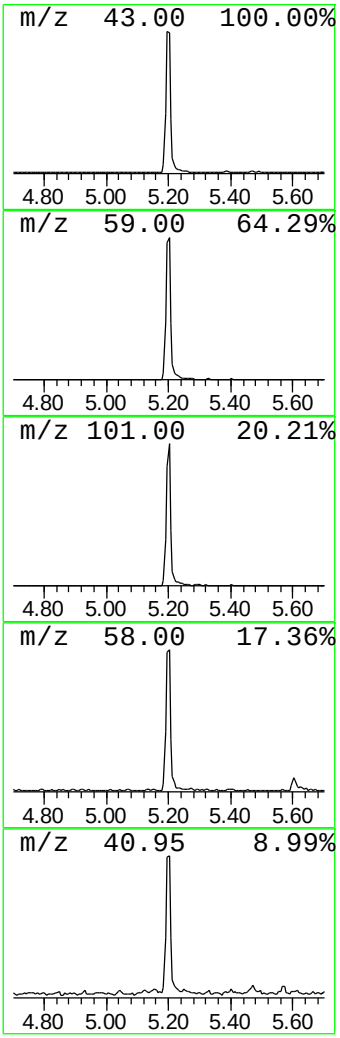
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	10.12 ng	846744	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

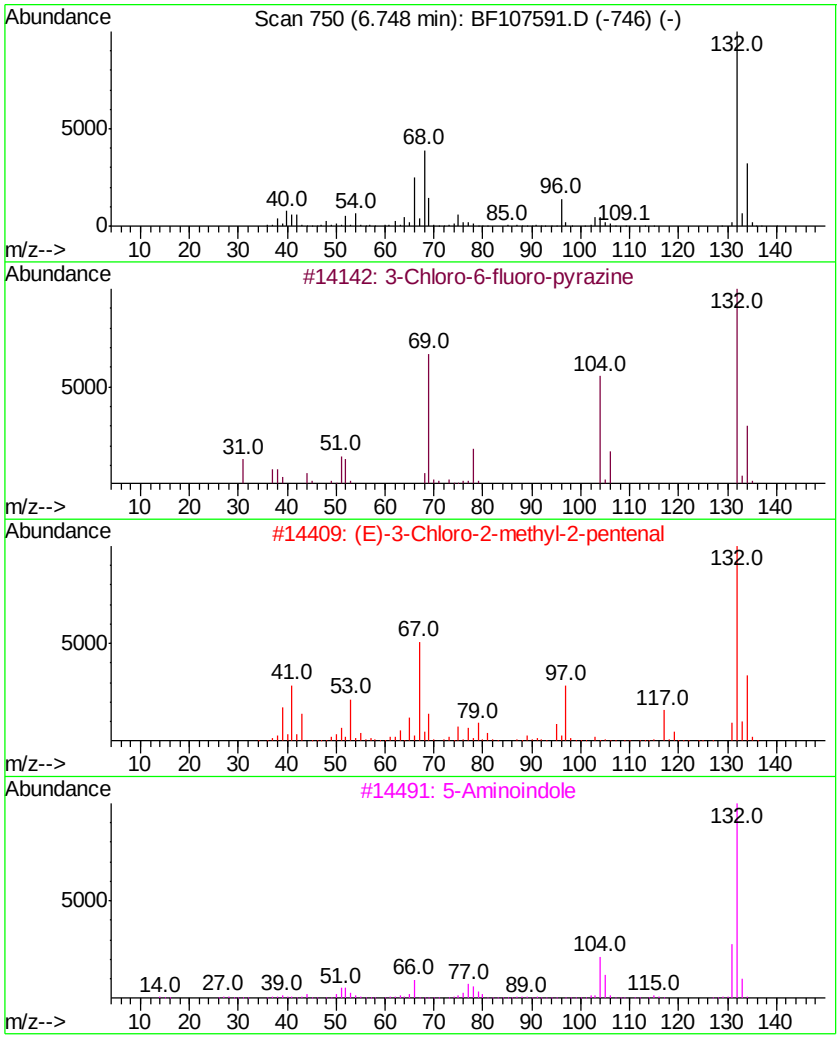
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

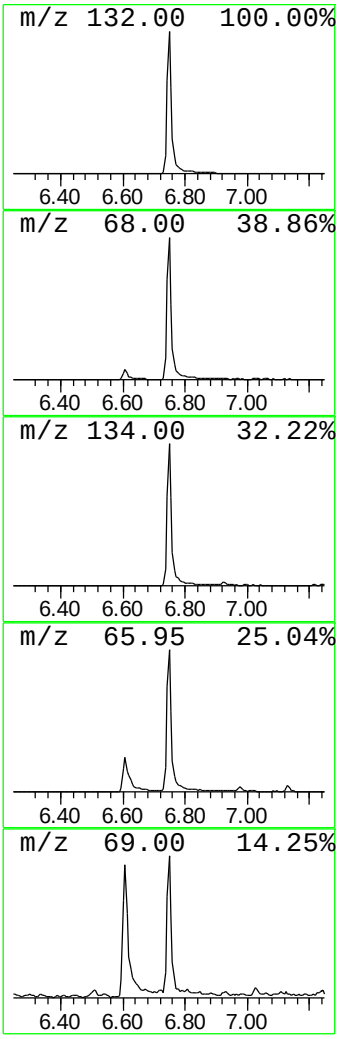
****

Peak Number 3 unknown6.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	21.18 ng	1771700	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

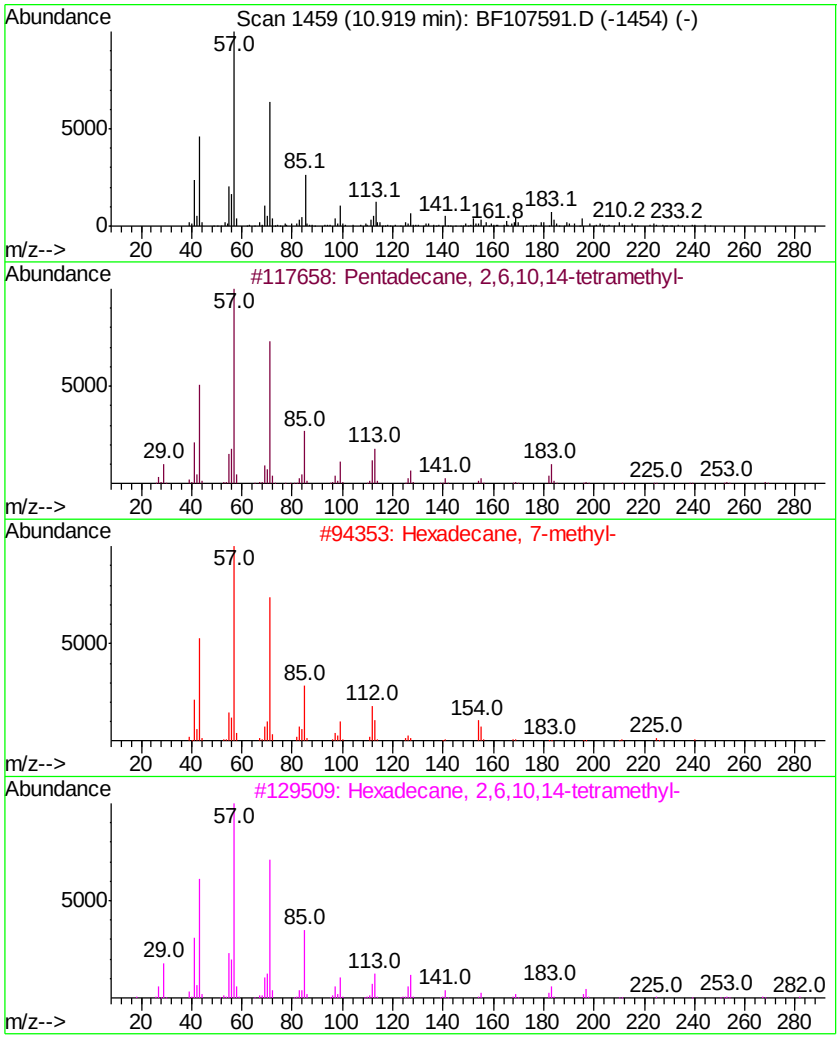
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

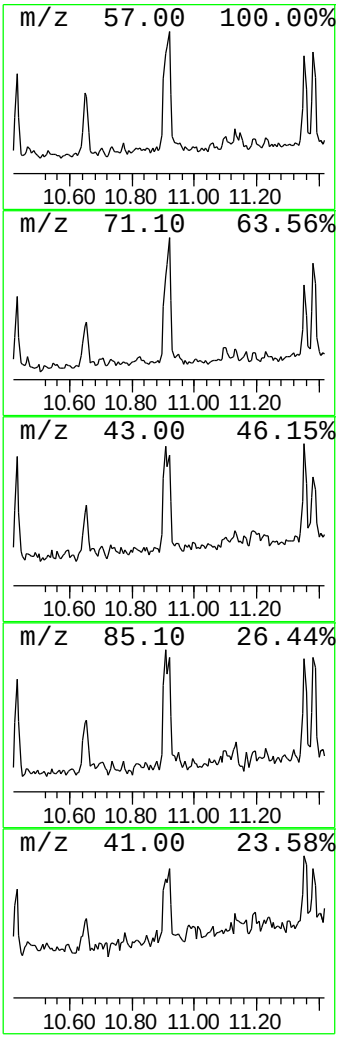
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.71 ng	424987	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	80
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

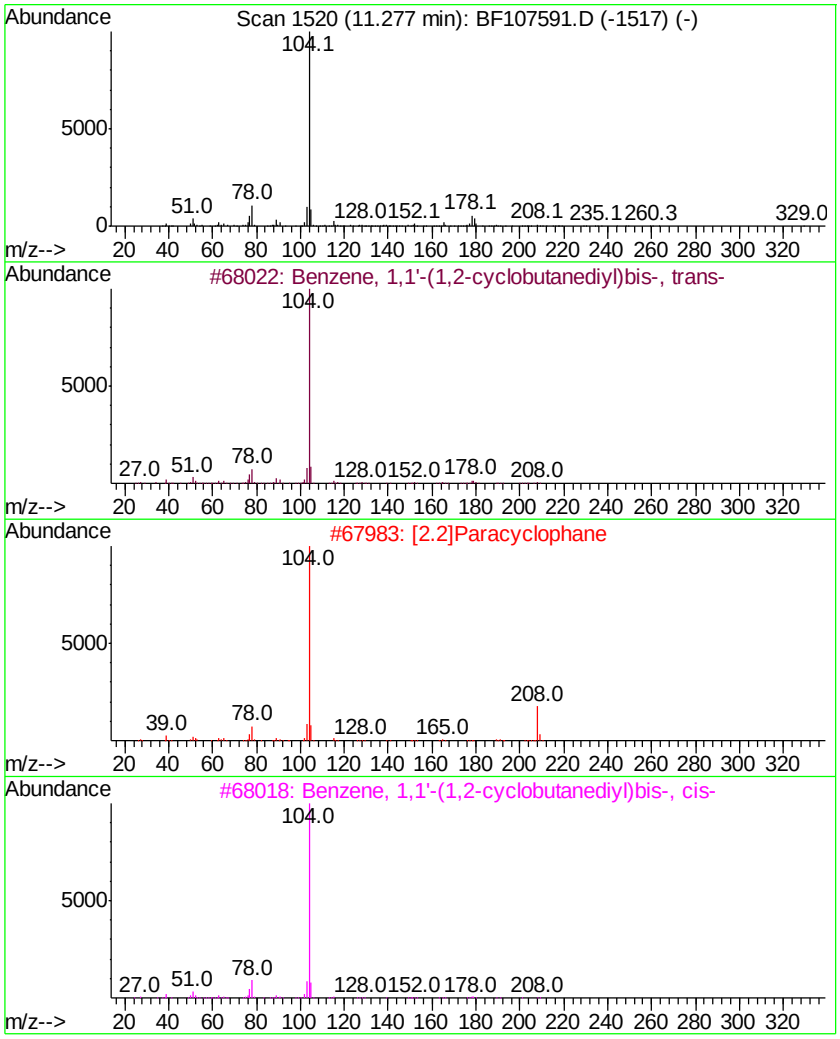
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

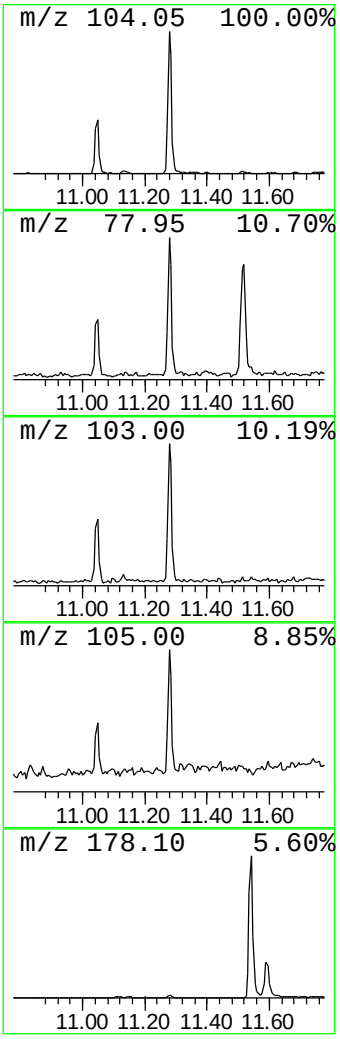
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.63 ng	418164	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	87
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	64
4	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	64
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

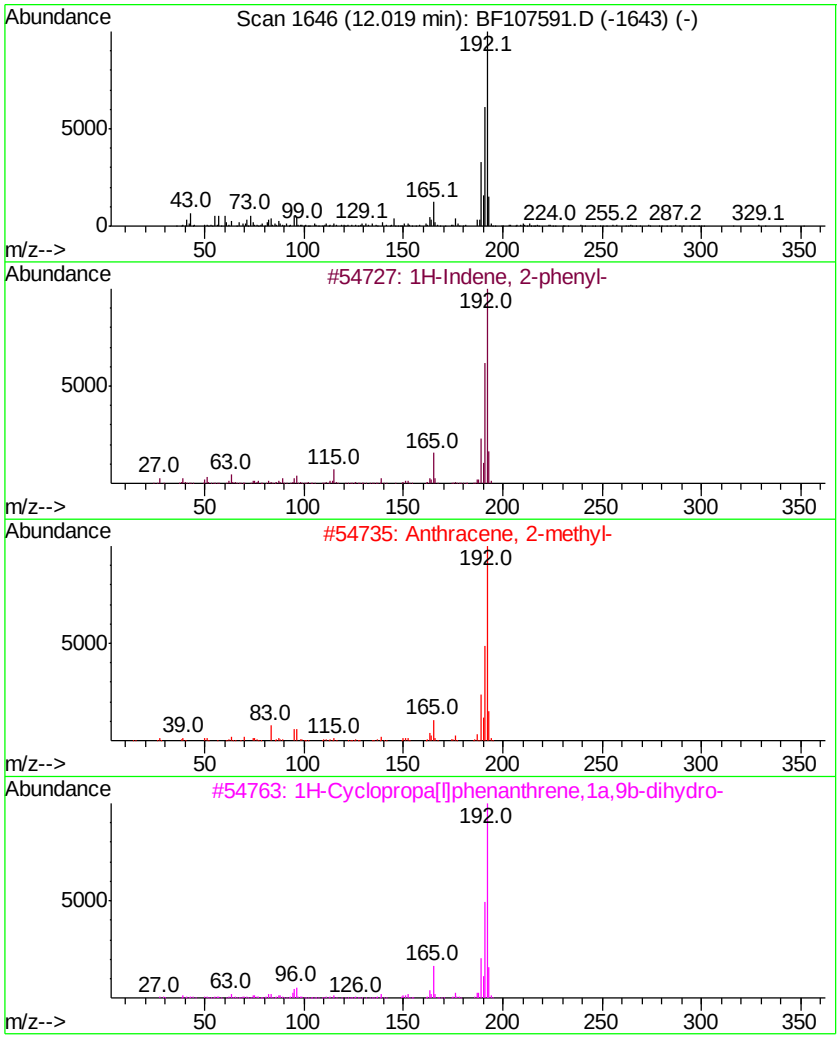
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

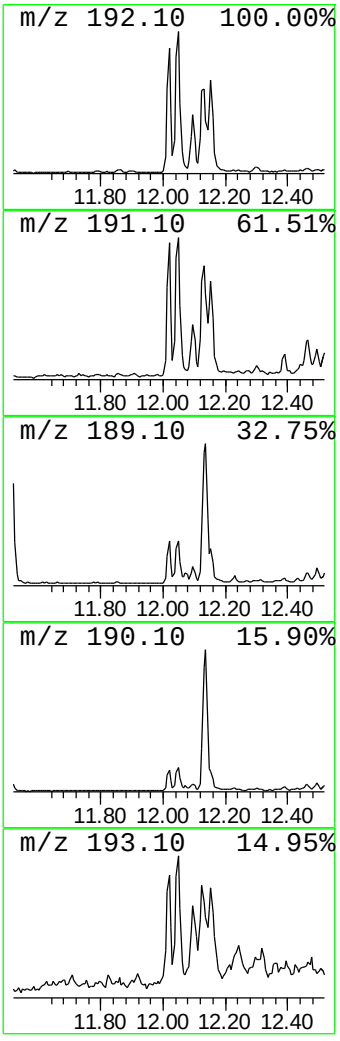
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.11 ng	461464	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

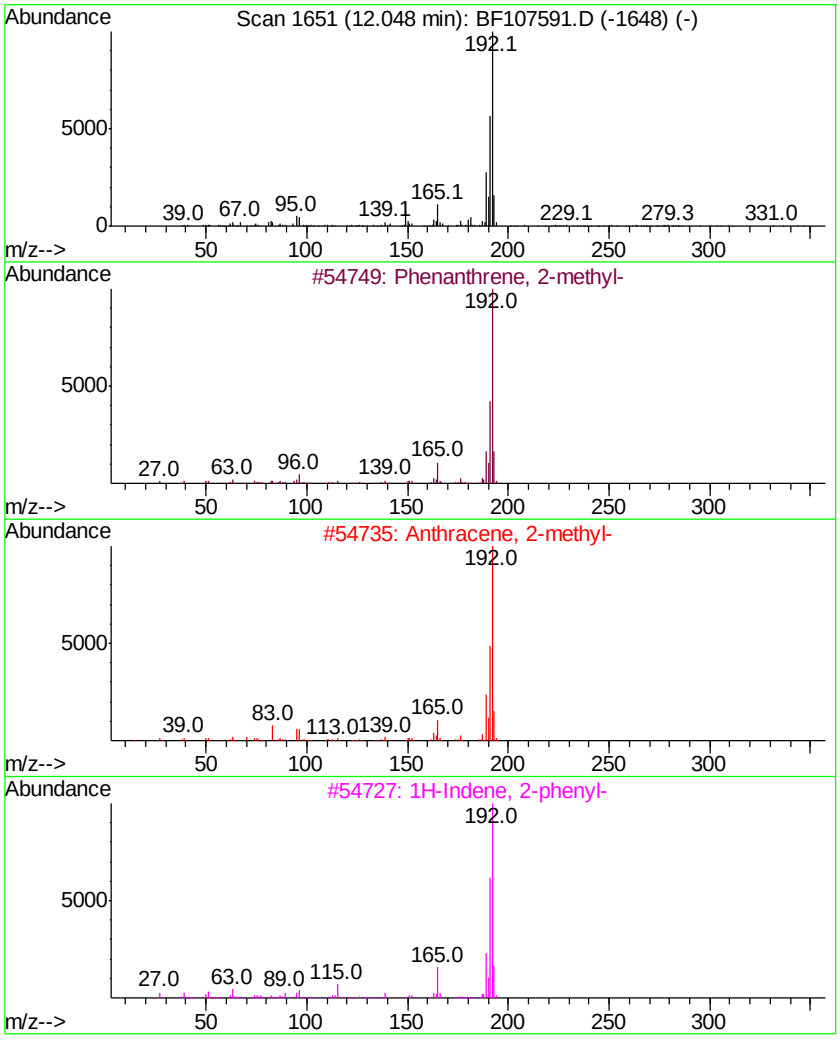
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

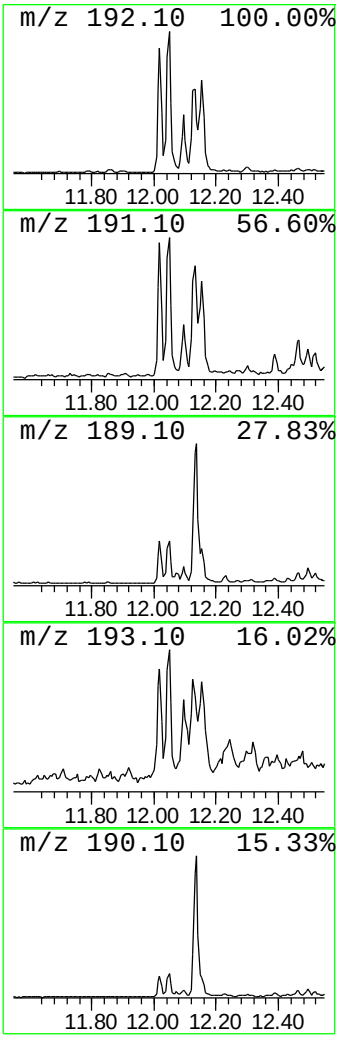
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.84 ng	436958	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

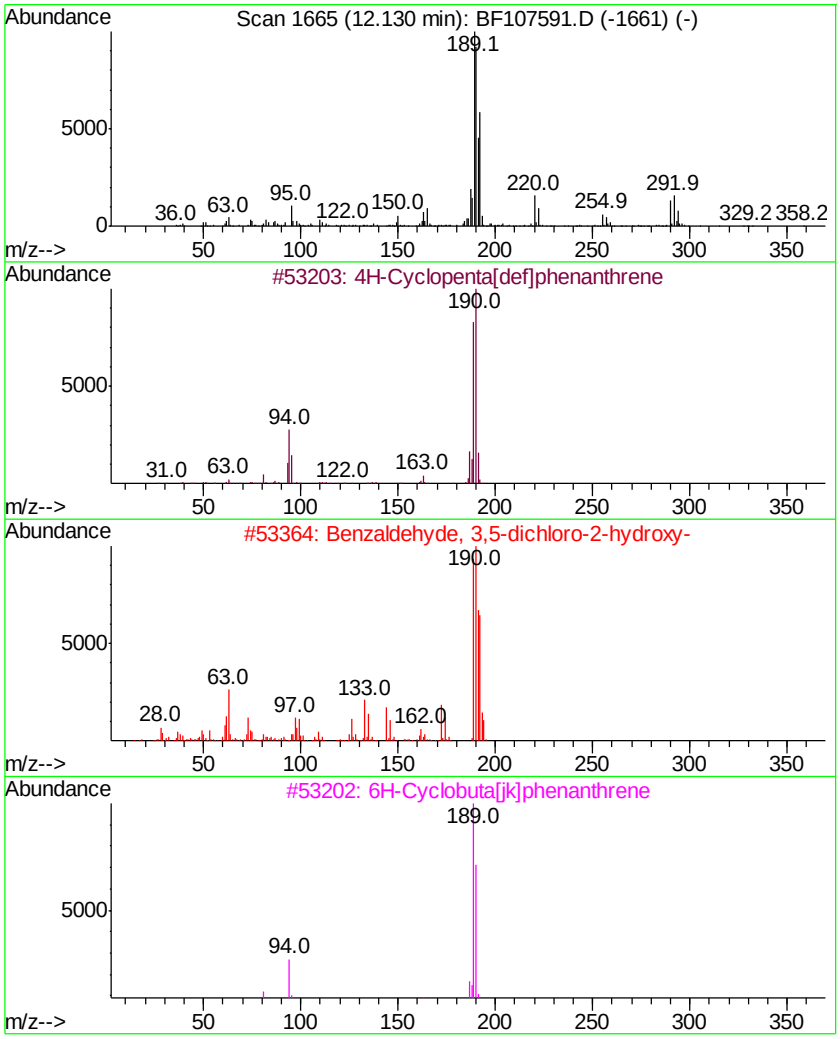
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

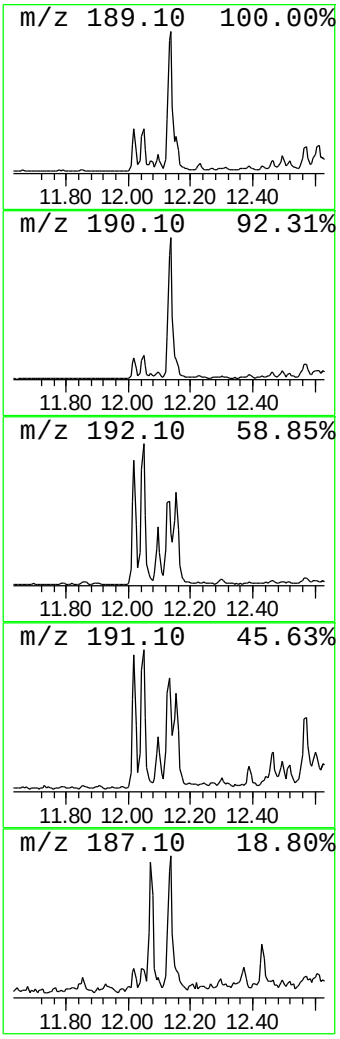
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	9.86 ng	890637	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
4	Phenantro[9,10-b]furazano[3,4-c]...	272	C16H8N4O	024294-86-8	12
5	8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	12





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Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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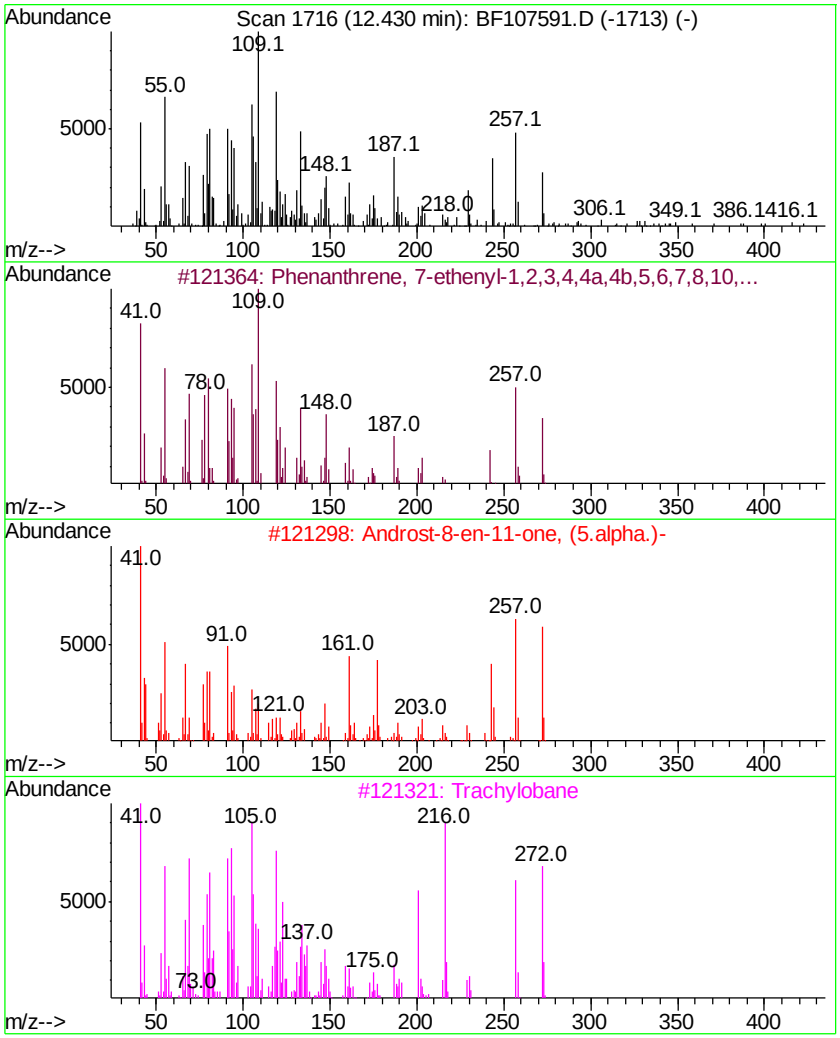
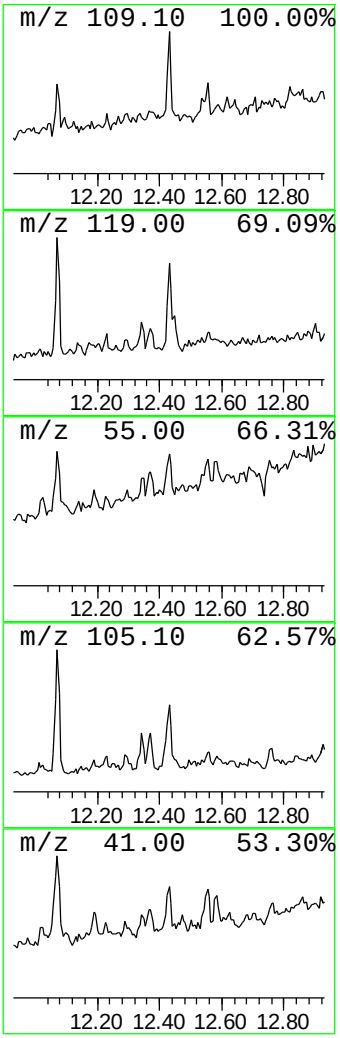
Peak Number 11 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.55 ng	410940	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	94
2	Androst-8-en-11-one, (5.alpha.)-	272	C19H28O	054498-82-7	47
3	Trachylobane	272	C20H32	005282-35-9	43
4	Kaur-16-ene	272	C20H32	000562-28-7	35
5	4-Fluorobenzylamine, N-ethyl-N-(...	243	C16H18FN	1000310-47-9	14





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Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

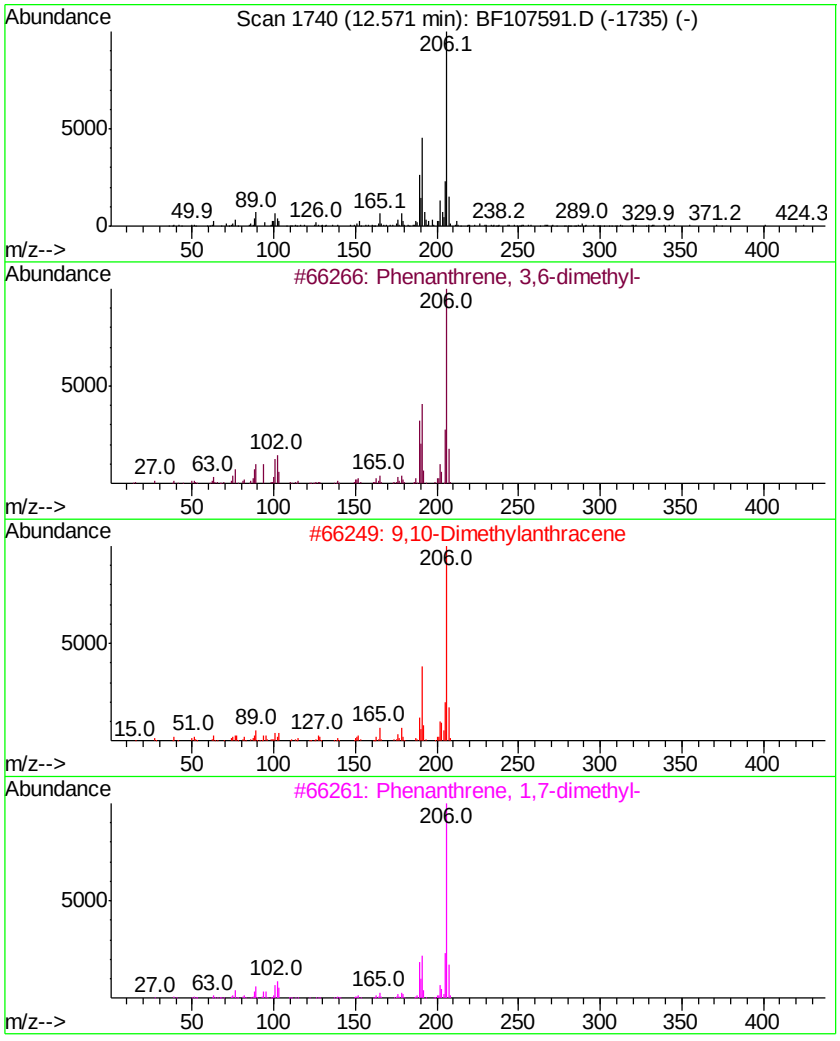
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

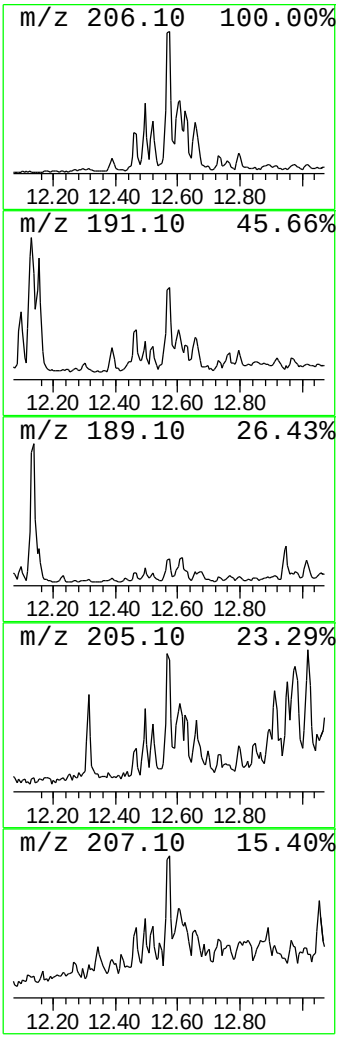
****

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.96 ng	628822	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

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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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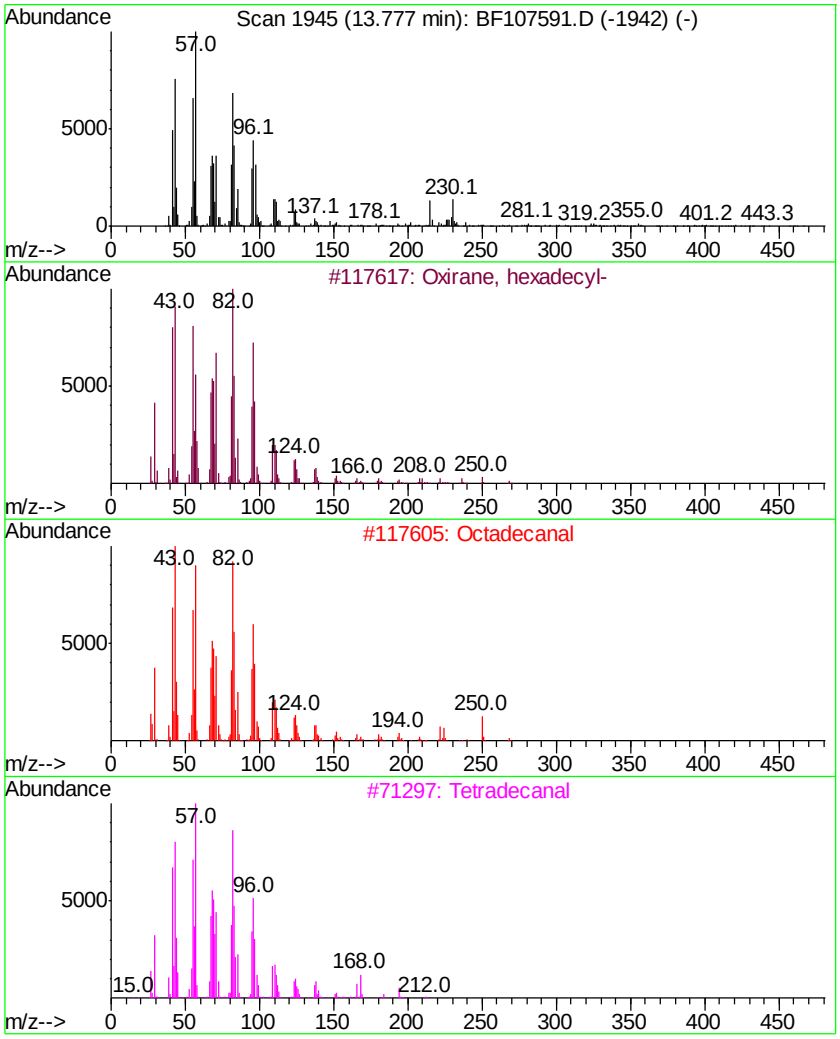
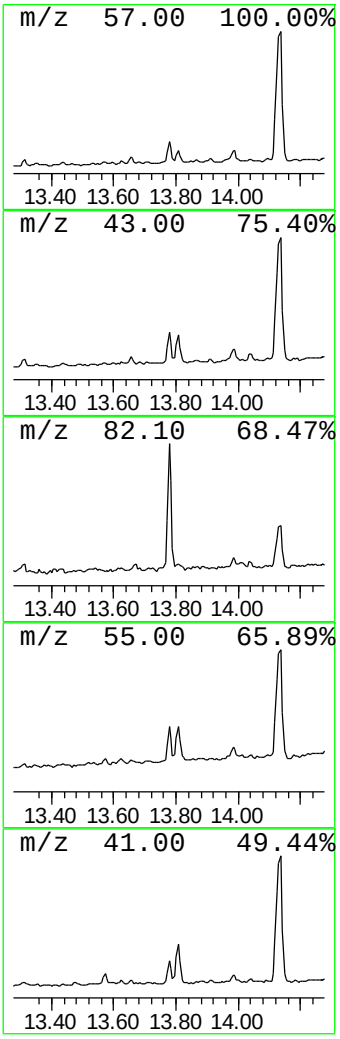
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	13.71 ng	1232740	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Octadecanal	268	C18H36O	000638-66-4	95
3	Tetradecanal	212	C14H28O	000124-25-4	93
4	1,19-Eicosadiene	278	C20H38	014811-95-1	93
5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	91





Library Search Compound Report

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Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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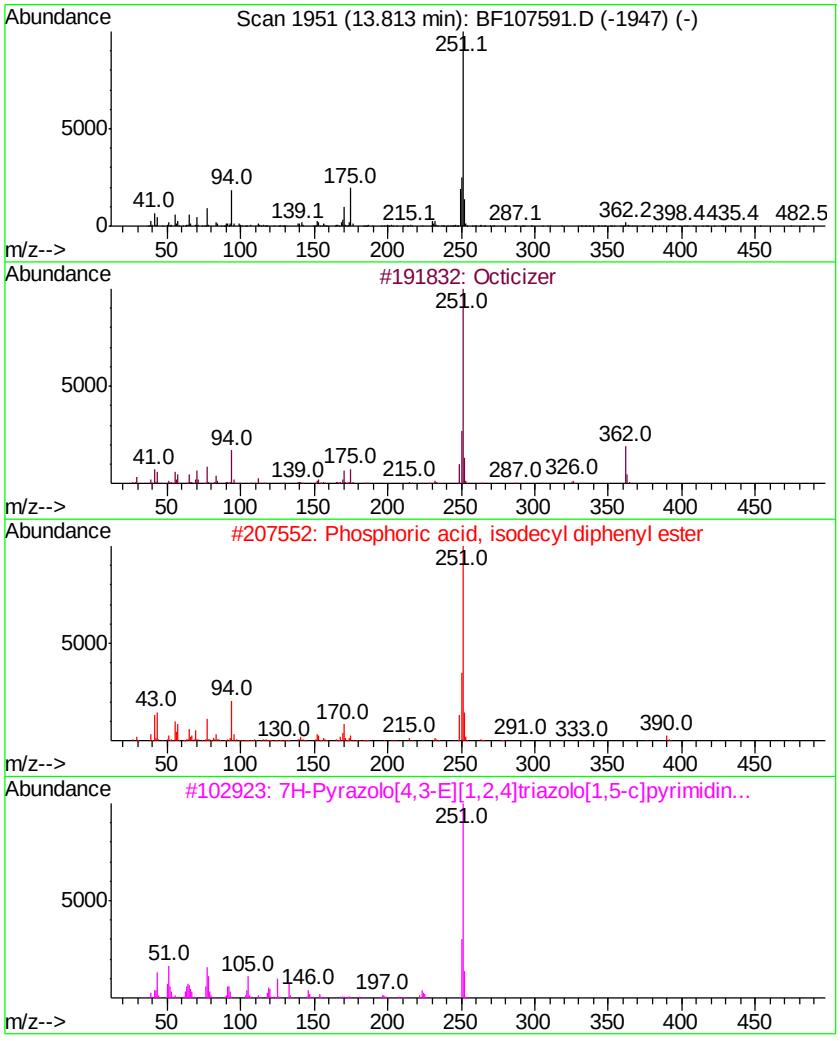
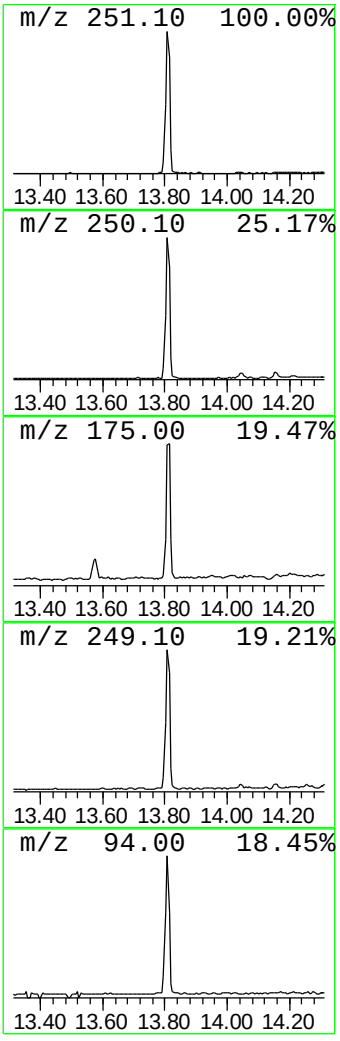
Peak Number 14 Octicizer Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	36.11 ng	3245850	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	80
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	64
3	7H-Pyrazolo[4,3-E][1,2,4]triazol...	251	C12H9N7	1000310-01-6	50
4	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	50
5	7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	40





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Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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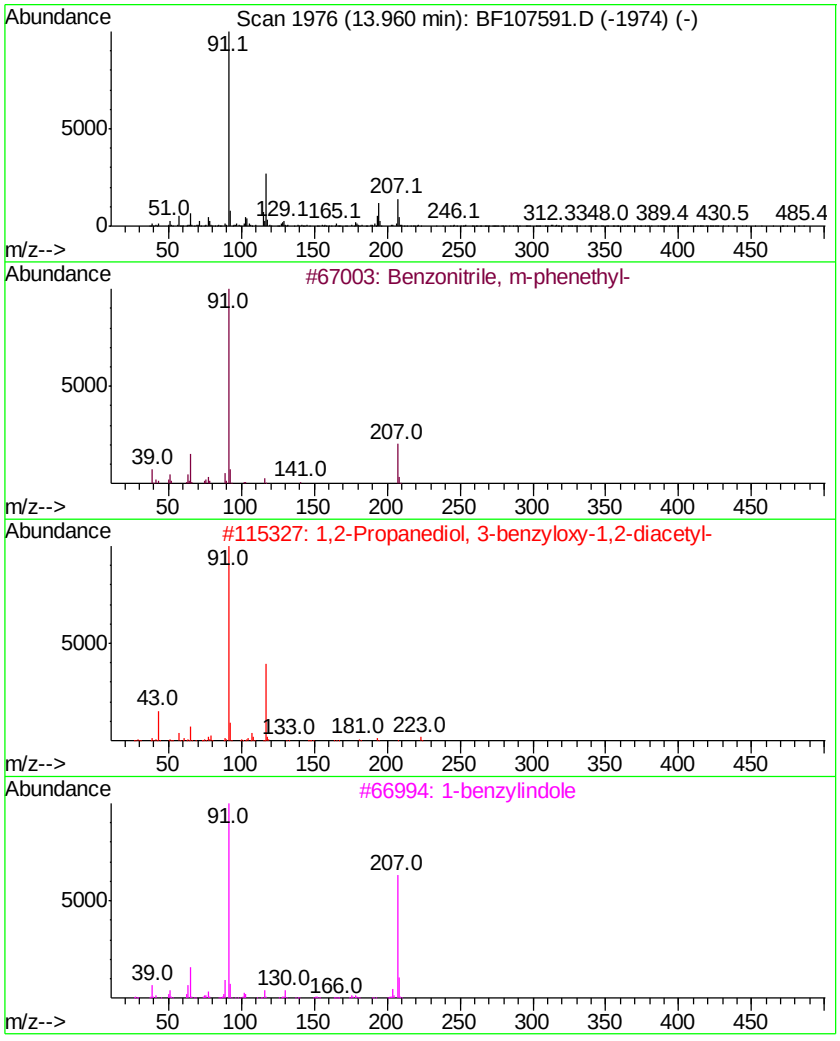
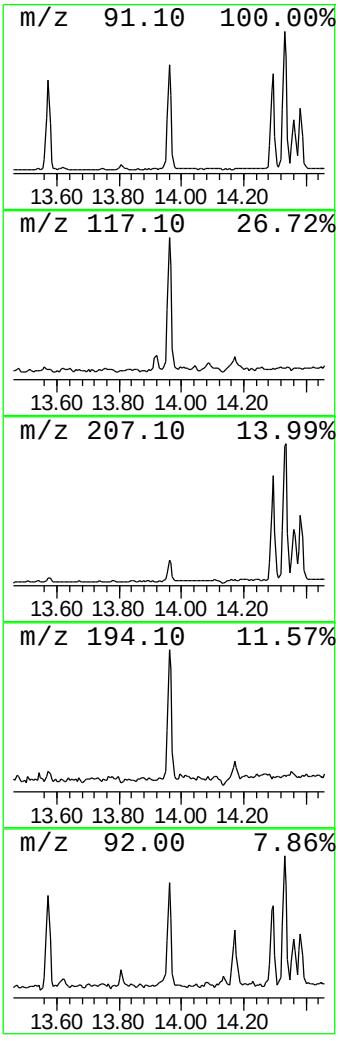
Peak Number 15 unknown13.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	7.00 ng	629209	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	35
2	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	32
3	1-benzylindole	207	C15H13N	1000334-31-3	25
4	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
5	Benzene, [3-iodo-2-(iodomethyl)-...	400	C11H14I2	040548-52-5	16





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Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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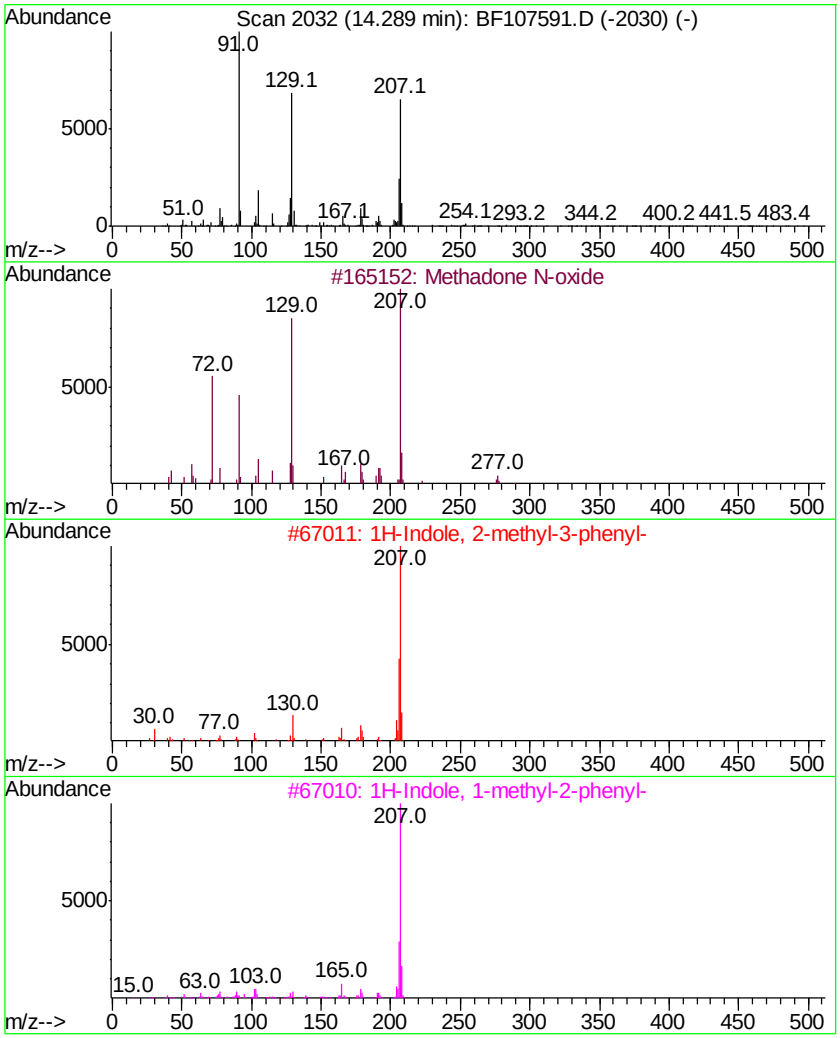
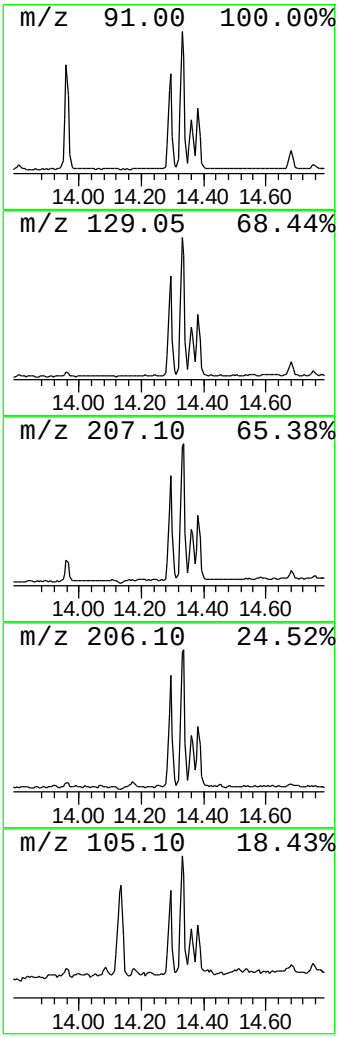
Peak Number 16 Methadone N-oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	13.43 ng	1207340	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	59
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
4	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	38
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35





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Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

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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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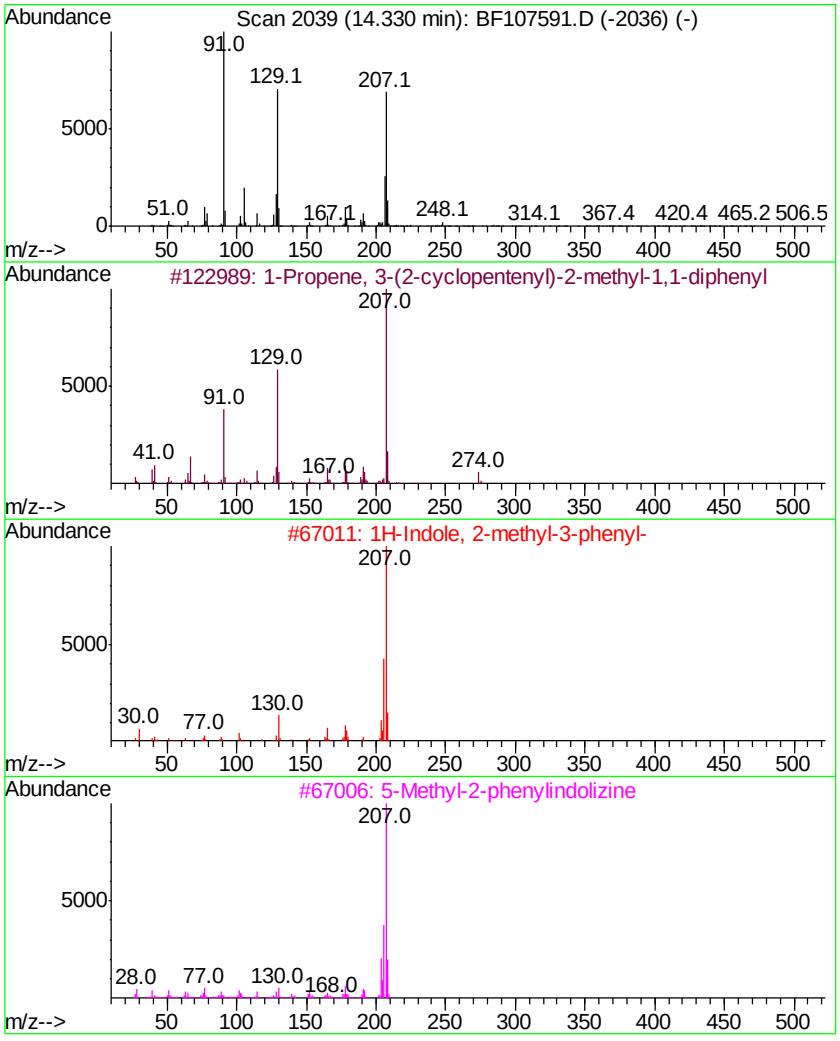
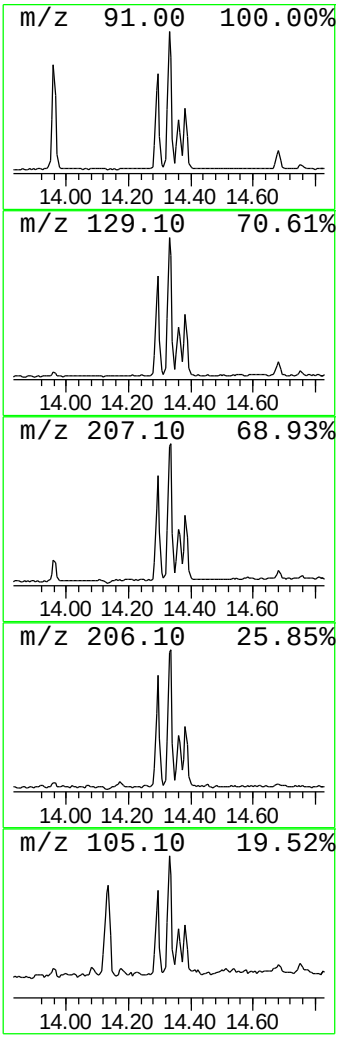
Peak Number 17 1-Propene, 3-(2-cyclopenten... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	17.34 ng	1558610	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	50
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	50
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	43
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	38





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Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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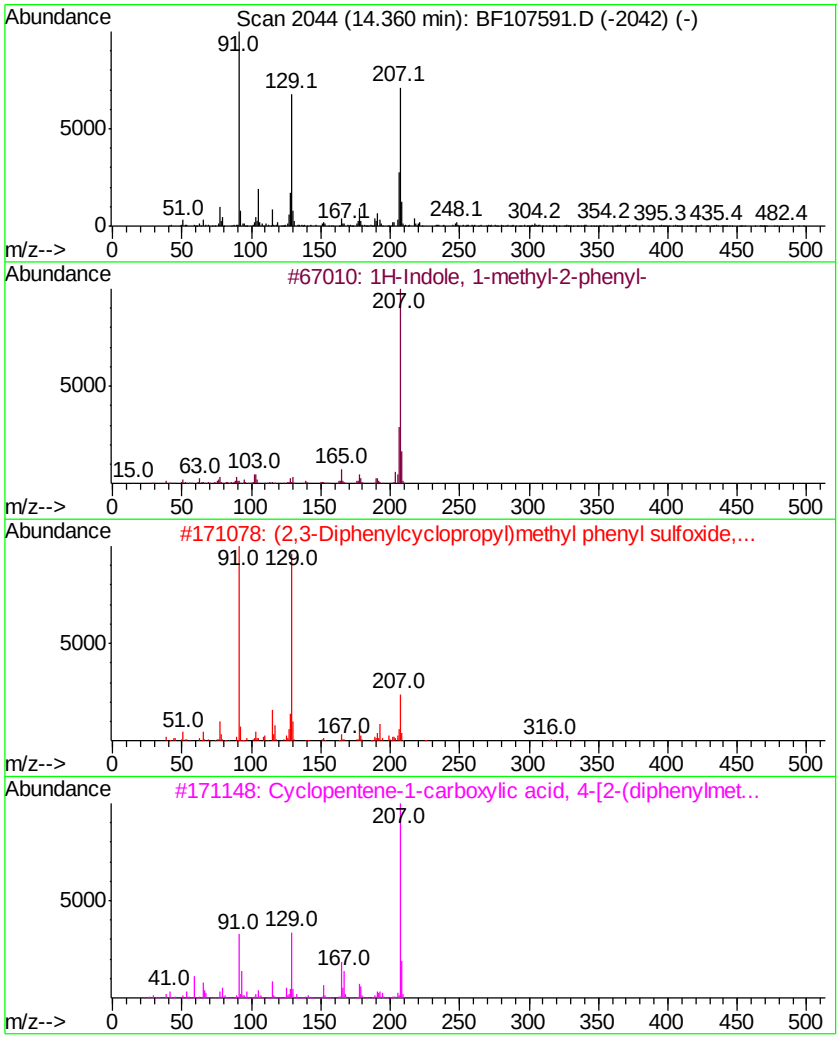
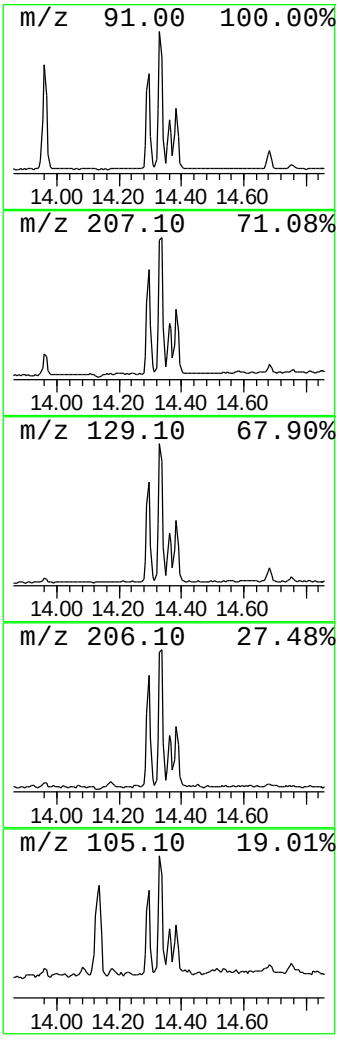
Peak Number 18 unknown14.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.39 ng	484056	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	41
3	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	40
4	Methadone N-oxide	325	C21H27NO2	1000120-80-7	40
5	1-benzylindole	207	C15H13N	1000334-31-3	38





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Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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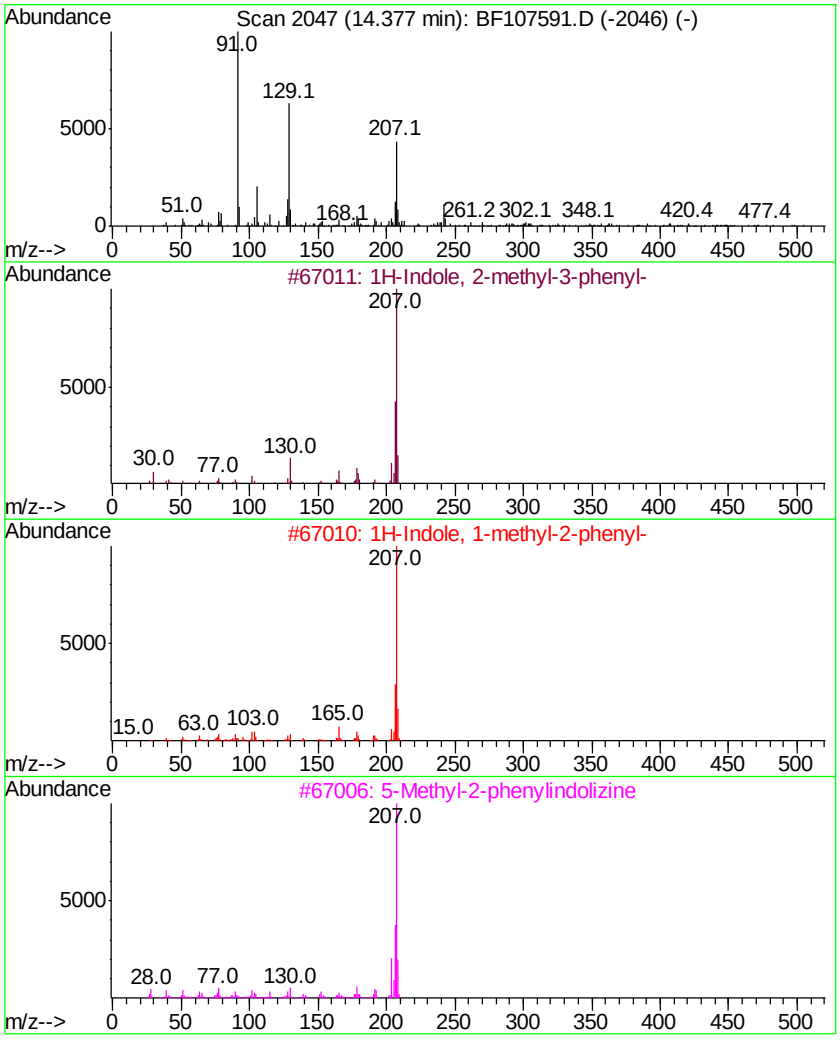
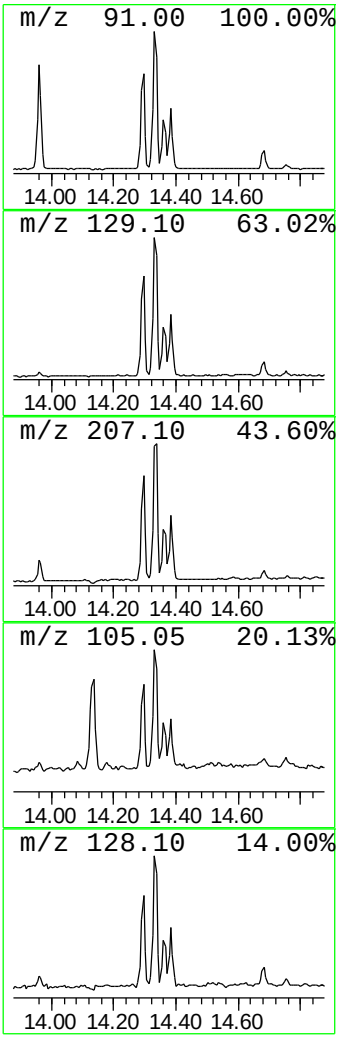
Peak Number 19 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	6.18 ng	555501	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	60
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
4	1-benzylindole	207	C15H13N	1000334-31-3	46
5	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	45





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

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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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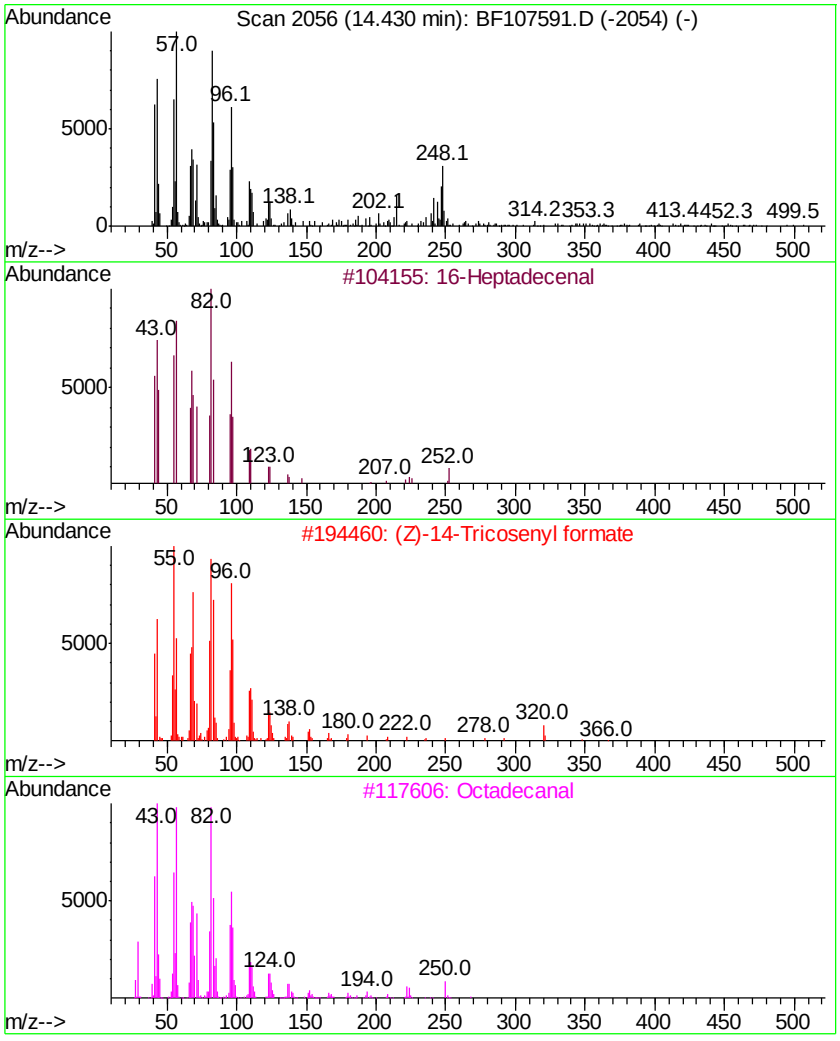
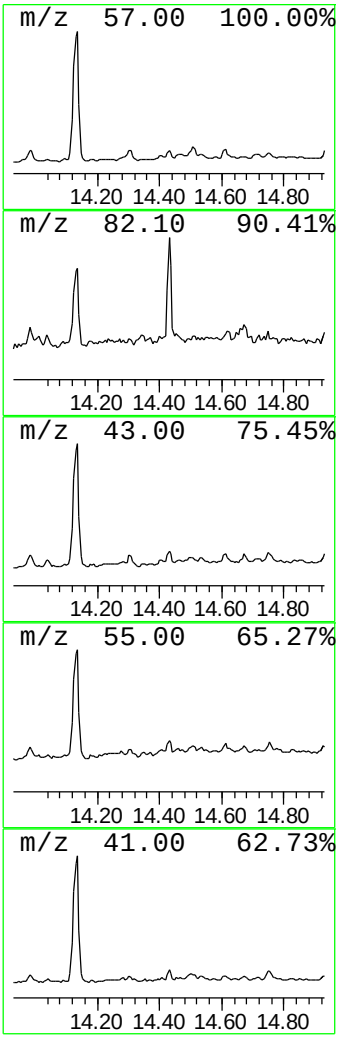
Peak Number 20 16-Heptadecenal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.77 ng	428606	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	90
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	83
3	Octadecanal	268	C18H36O	000638-66-4	81
4	1,19-Eicosadiene	278	C20H38	014811-95-1	78
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74





Tentatively Identified Compound (LSC) summary

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Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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...	5.20	10.1	ng	846744	1	6.98	1672900	20.0
unknown6.75	6.75	21.2	ng	1771700	1	6.98	1672900	20.0
Pentadecane, 2,6,...	10.92	4.7	ng	424987	4	11.52	1806290	20.0
Benzene, 1,1'-(1,...	11.28	4.6	ng	418164	4	11.52	1806290	20.0
1H-Indene, 2-phenyl-	12.02	5.1	ng	461464	4	11.52	1806290	20.0
Phenanthrene, 2-m...	12.05	4.8	ng	436958	4	11.52	1806290	20.0
4H-Cyclopenta[def...	12.13	9.9	ng	890637	4	11.52	1806290	20.0
Phenanthrene, 7-e...	12.43	4.5	ng	410940	4	11.52	1806290	20.0
Phenanthrene, 3,6...	12.57	7.0	ng	628822	4	11.52	1806290	20.0
Oxirane, hexadecyl-	13.78	13.7	ng	1232740	5	14.17	1797710	20.0
Octicizer	13.81	36.1	ng	3245850	5	14.17	1797710	20.0
unknown13.96	13.96	7.0	ng	629209	5	14.17	1797710	20.0
Methadone N-oxide	14.29	13.4	ng	1207340	5	14.17	1797710	20.0
1-Propene, 3-(2-c...	14.33	17.3	ng	1558610	5	14.17	1797710	20.0
unknown14.36	14.36	5.4	ng	484056	5	14.17	1797710	20.0
1H-Indole, 2-meth...	14.38	6.2	ng	555501	5	14.17	1797710	20.0
16-Heptadecenal	14.43	4.8	ng	428606	5	14.17	1797710	20.0