LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109702.D
Acq On : 9 Oct 2018 18:35
Operator : JU/SJ
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

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-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	471	474	480	rBV	10544	12593	1.19%	0.078%
2	5.310	544	548	562	rBV	180642	351232	33.20%	2.183%
3	6.340	720	723	741	rBV	299902	595355	56.28%	3.701%
4	6.463	741	744	754	rVV	464642	570676	53.95%	3.548%
5	6.692	780	783	803	rBV	366522	523022	49.44%	3.251%
6	6.851	806	810	826	rVB	377055	420287	39.73%	2.613%
7	7.257	876	879	904	rBV	194187	397287	37.56%	2.470%
8	7.975	997	1001	1020	rBV	597602	750681	70.96%	4.667%
9	8.786	1135	1139	1145	rBV2	9056	13553	1.28%	0.084%
10	9.045	1180	1183	1197	rBV	705145	850886	80.44%	5.289%
11	9.139	1197	1199	1206	rVB5	13577	19285	1.82%	0.120%
12	9.386	1237	1241	1243	rBV	13898	14191	1.34%	0.088%
13	9.445	1247	1251	1258	rVV	70057	85514	8.08%	0.532%
14	9.580	1271	1274	1280	rBV	32870	41608	3.93%	0.259%
15	9.722	1293	1298	1302	rBV	781959	728242	68.84%	4.527%
16	9.751	1302	1303	1314	rVV	78137	98831	9.34%	0.614%
17	9.828	1314	1316	1321	rVB5	6329	11075	1.05%	0.069%
18	9.933	1331	1334	1338	rBV2	25434	37246	3.52%	0.232%
19	10.133	1365	1368	1370	rBV3	9639	11362	1.07%	0.071%
20	10.163	1370	1373	1380	rVB5	10106	12196	1.15%	0.076%
21	10.269	1387	1391	1397	rBV	66393	92173	8.71%	0.573%
22	10.380	1408	1410	1415	rVV2	15123	13509	1.28%	0.084%
23	10.427	1415	1418	1421	rVB	13139	14198	1.34%	0.088%
24	10.510	1428	1432	1443	rBV	346331	472188	44.64%	2.935%
25	10.645	1450	1455	1460	rVB2	27252	44817	4.24%	0.279%
26	10.816	1480	1484	1487	rBV4	13266	18102	1.71%	0.113%
27	11.027	1515	1520	1522	rBV6	11150	15418	1.46%	0.096%
28	11.051	1522	1524	1527	rVV4	11310	13651	1.29%	0.085%
29	11.104	1530	1533	1541	rVB2	35901	51355	4.85%	0.319%
30	11.198	1546	1549	1551	rBV	557637	561970	53.12%	3.493%
31	11.222	1551	1553	1559	rVV	529206	649958	61.44%	4.040%
32	11.280	1559	1563	1576	rVB	115992	193353	18.28%	1.202%
33	11.445	1587	1591	1598	rBV	49149	96516	9.12%	0.600%
34	11.498	1598	1600	1603	rVB2	12939	14185	1.34%	0.088%

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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.604	1614	1618	1624	rVB3	29902	36858	3.48%	0.229%
36	11.704	1631	1635	1637	rBV	51996	54594	5.16%	0.339%
37	11.733	1637	1640	1645	rVV2	84603	128856	12.18%	0.801%
38	11.780	1645	1648	1650	rVV2	30435	39027	3.69%	0.243%
39	11.810	1650	1653	1663	rVB2	119646	196060	18.53%	1.219%
40	11.998	1682	1685	1688	rBV	32021	38362	3.63%	0.238%
41	12.180	1713	1716	1718	rBV3	15489	20067	1.90%	0.125%
42	12.251	1724	1728	1730	rBV	37230	40332	3.81%	0.251%
43	12.280	1730	1733	1735	rVV2	137257	138427	13.09%	0.861%
44	12.304	1735	1737	1740	rVV	105220	90514	8.56%	0.563%
45	12.333	1740	1742	1747	rVB2	27485	32525	3.07%	0.202%
46	12.410	1750	1755	1762	rBV	836181	922249	87.18%	5.733%
47	12.510	1769	1772	1775	rBV	14032	19554	1.85%	0.122%
48	12.557	1777	1780	1787	rVB3	28459	44146	4.17%	0.274%
49	12.633	1787	1793	1800	rBV	735664	862162	81.50%	5.360%
50	12.686	1800	1802	1808	rVB2	31372	40016	3.78%	0.249%
51	12.774	1811	1817	1826	rBV	618924	743118	70.25%	4.620%
52	12.857	1826	1831	1835	rBV2	42770	73905	6.99%	0.459%
53	12.963	1846	1849	1855	rVB	92771	110273	10.42%	0.686%
54	13.033	1857	1861	1864	rBV	72262	79970	7.56%	0.497%
55	13.068	1864	1867	1870	rVV	56749	60924	5.76%	0.379%
56	13.157	1879	1882	1884	rBV	21136	21851	2.07%	0.136%
57	13.192	1885	1888	1890	rBV	28012	32157	3.04%	0.200%
58	13.474	1933	1936	1940	rBV	34644	40306	3.81%	0.251%
59	13.580	1951	1954	1956	rBV	55721	53484	5.06%	0.332%
60	13.604	1956	1958	1960	rVV	51382	52554	4.97%	0.327%
61	13.627	1960	1962	1965	rVV	55759	71633	6.77%	0.445%
62	13.686	1969	1972	1980	rVB5	58681	104673	9.90%	0.651%
63	13.827	1991	1996	1999	rBV2	724149	1057832	100.00%	6.576%
64	13.851	1999	2000	2009	rVB	342003	334108	31.58%	2.077%
65	13.933	2011	2014	2017	rVB	59072	49791	4.71%	0.310%
66	14.304	2074	2077	2080	rBV3	76667	75572	7.14%	0.470%
67	14.598	2124	2127	2133	rBV2	126812	146687	13.87%	0.912%
68	14.833	2163	2167	2175	rBV	321152	634841	60.01%	3.946%
69	14.904	2176	2179	2182	rVV	163815	180032	17.02%	1.119%
70	15.115	2211	2215	2220	rVB	139531	199760	18.88%	1.242%
71	15.168	2221	2224	2230	rVV	235456	322819	30.52%	2.007%

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Instrument : BNA_F
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72	15.227	2230	2234	2237	rVV	334745	494228	46.72%	3.072%
73	15.257	2237	2239	2246	rVB	271658	309841	29.29%	1.926%
74	15.651	2302	2306	2311	rVB	137037	188542	17.82%	1.172%
75	16.574	2459	2463	2470	rBV2	80433	147168	13.91%	0.915%

Sum of corrected areas: 16086333

LSC Report - Integrated Chromatogram

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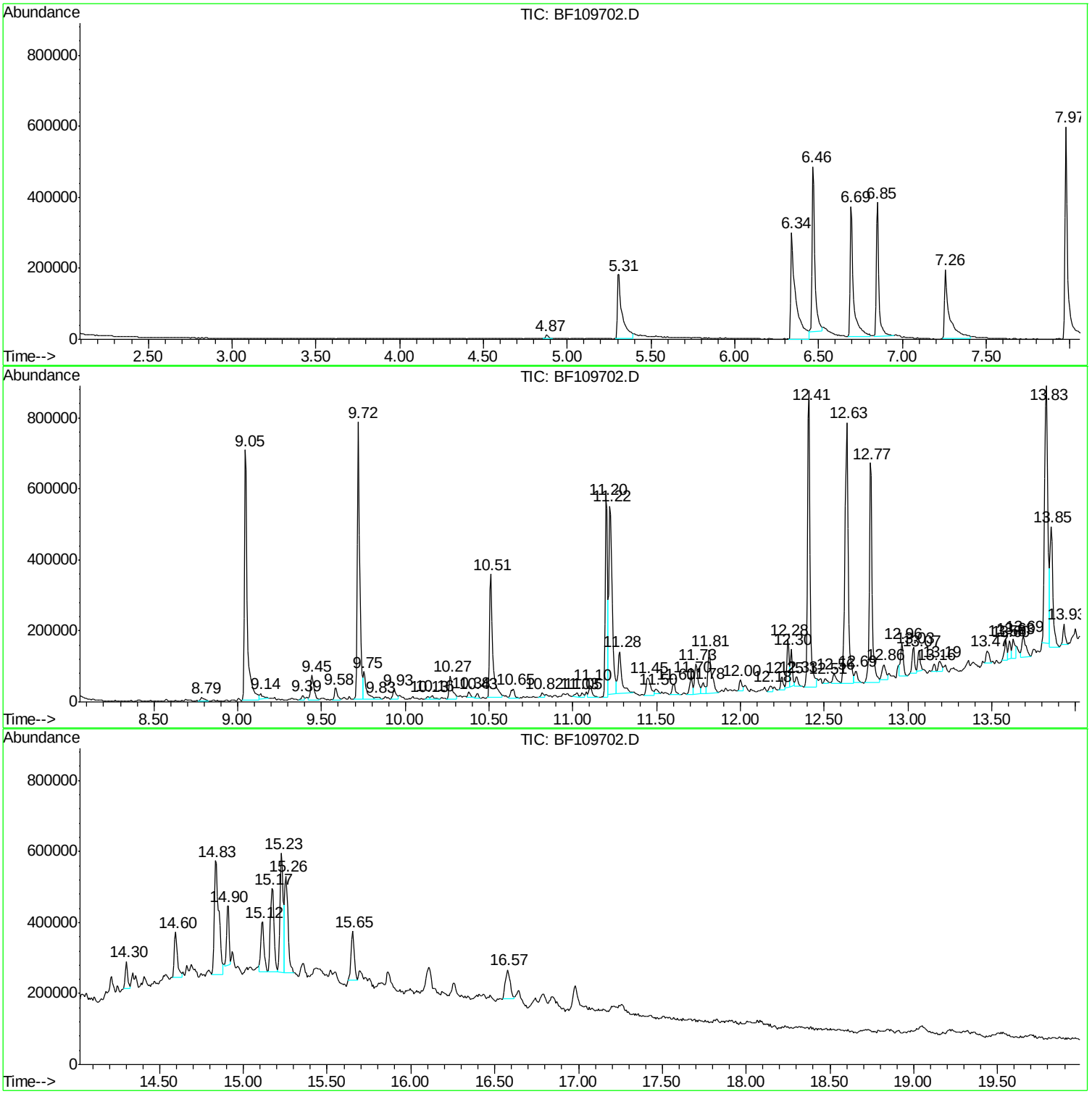
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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\BF100918\
Data File : BF109702.D
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

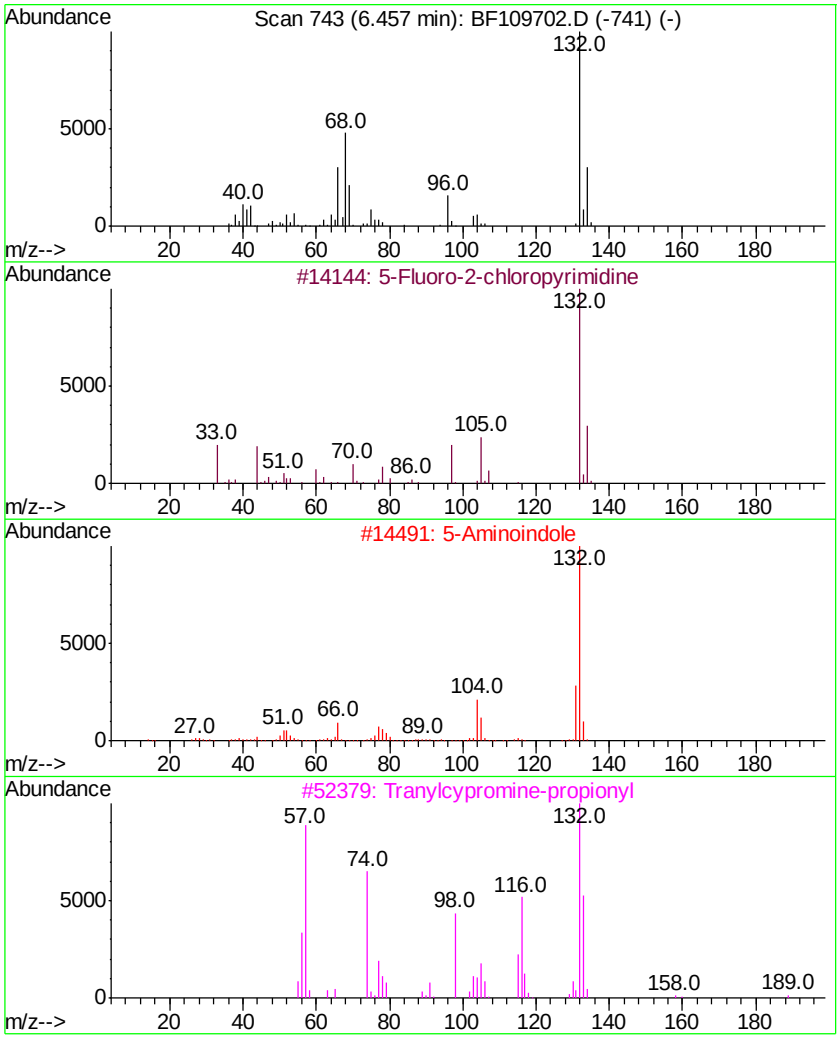
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

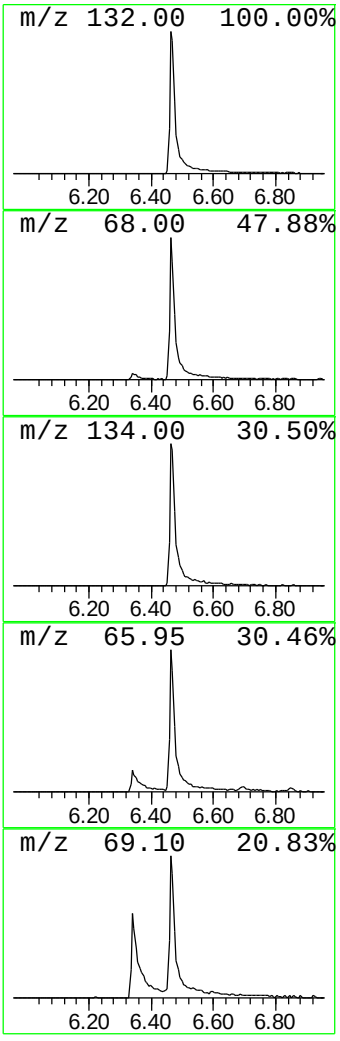
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	21.82 ng	570676	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

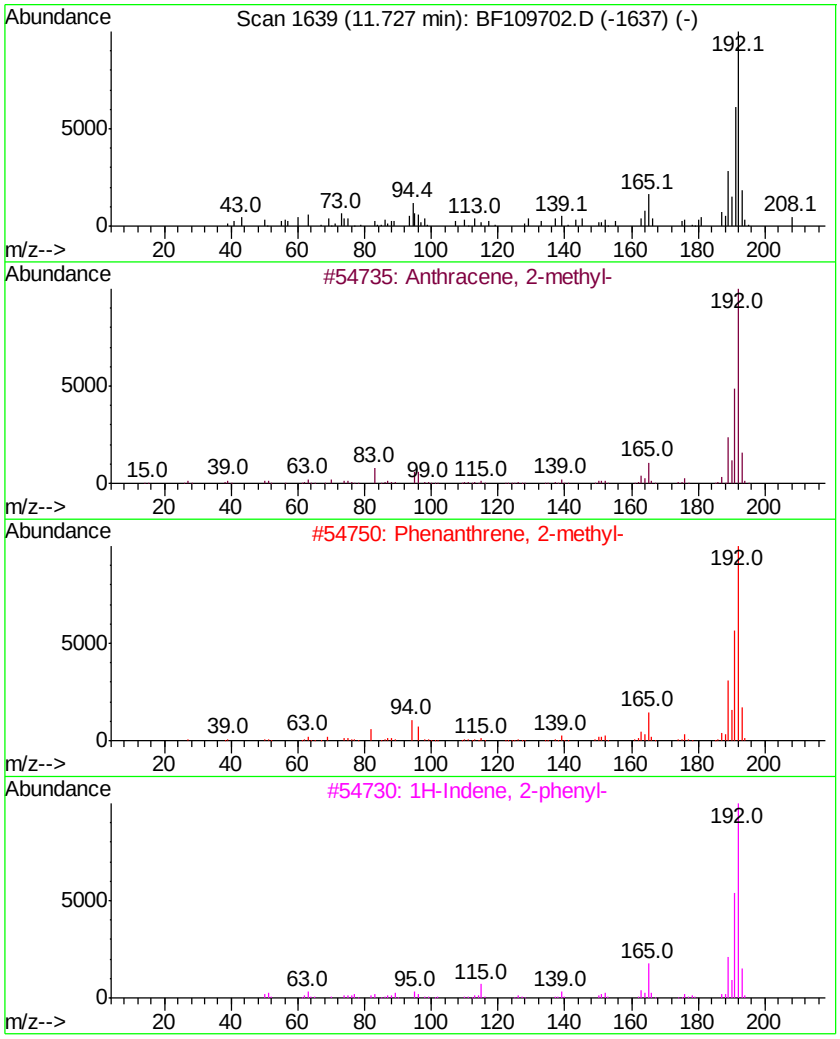
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

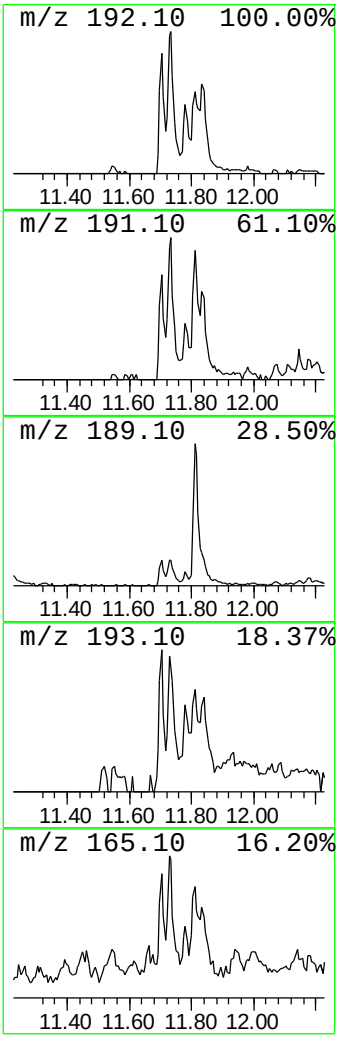
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.59 ng	128856	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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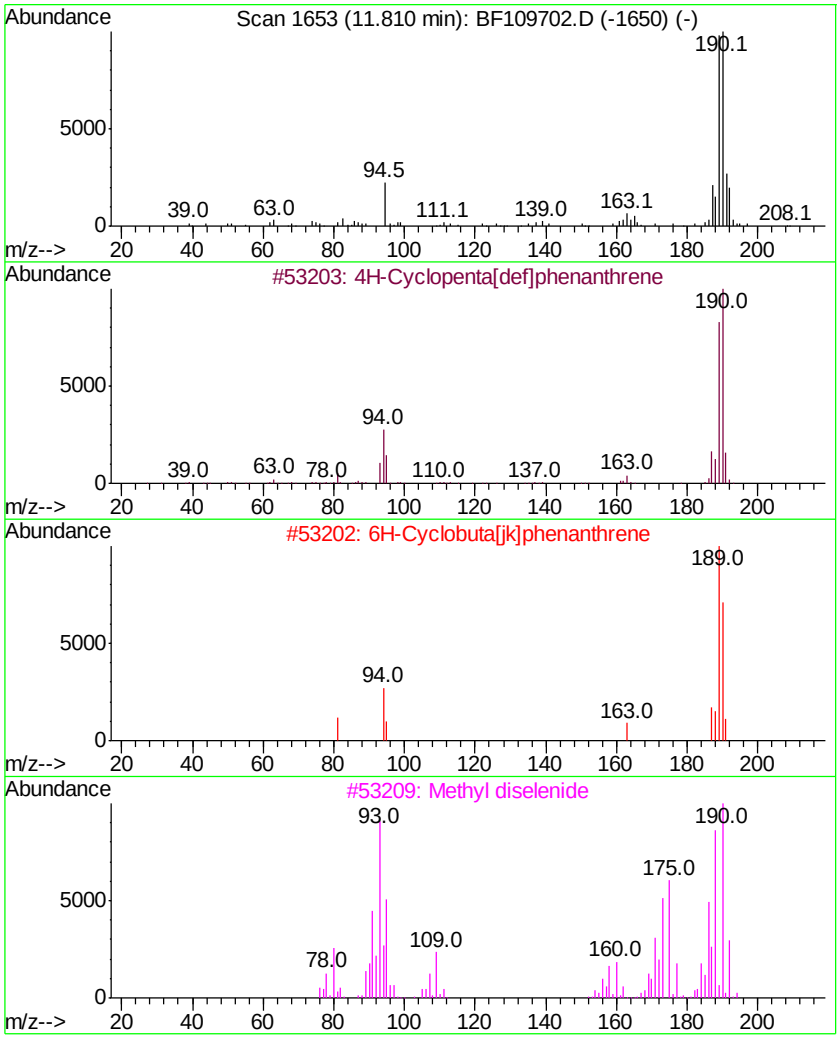
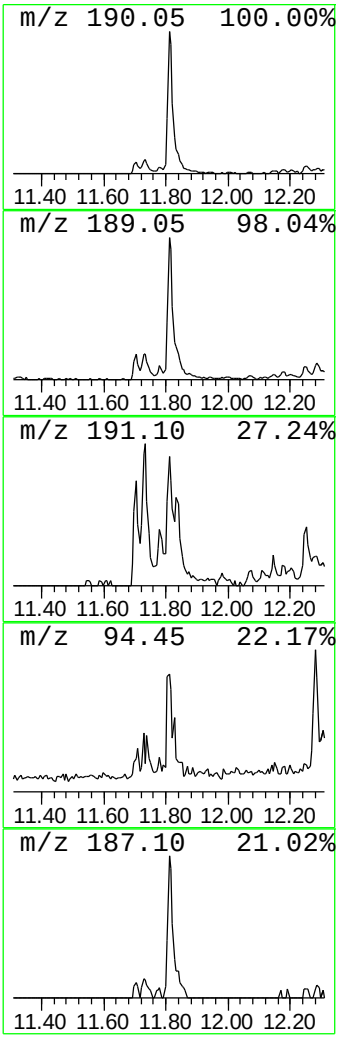
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.98 ng	196060	Phenanthrene-d10	11.20

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	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	60
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	16





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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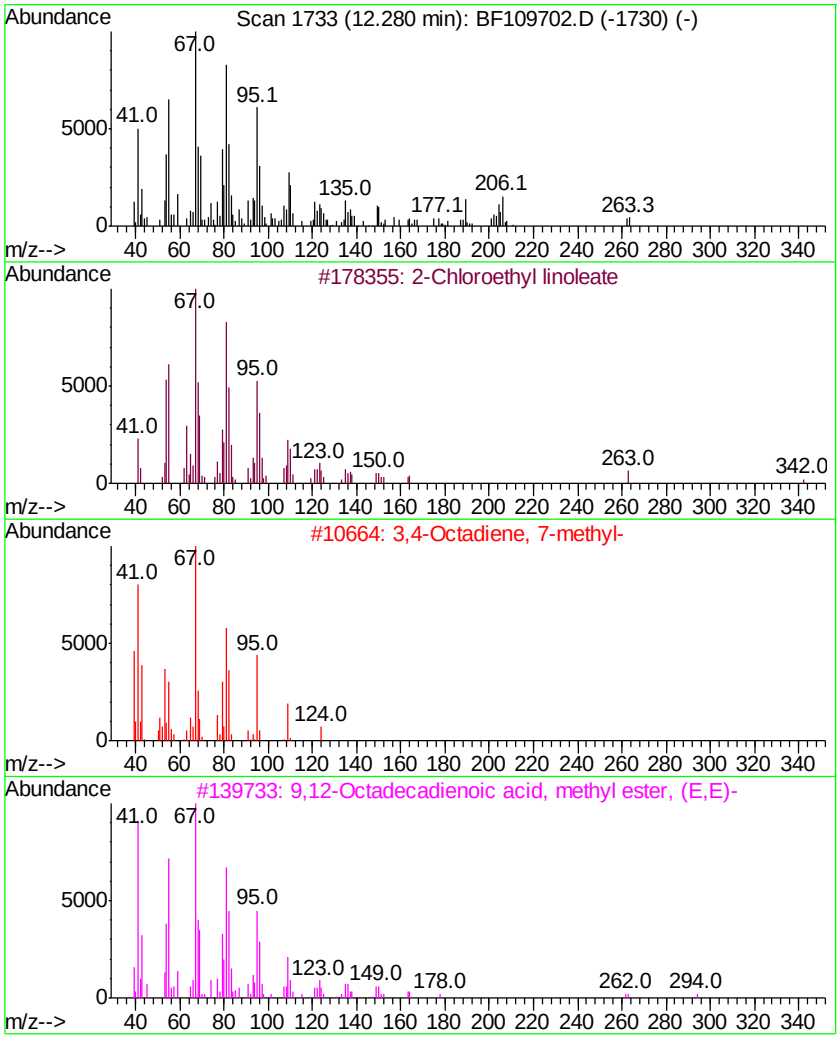
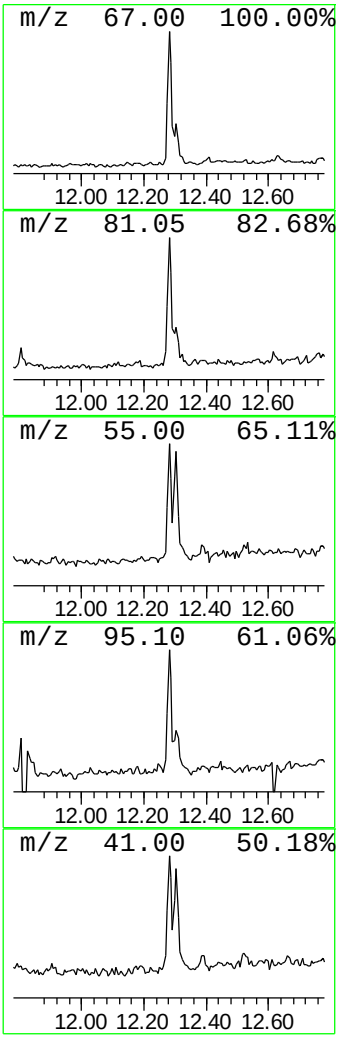
Peak Number 5 2-Chloroethyl linoleate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.93 ng	138427	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	70
4	6-Dodecyne	166	C12H22	006975-99-1	68
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	68





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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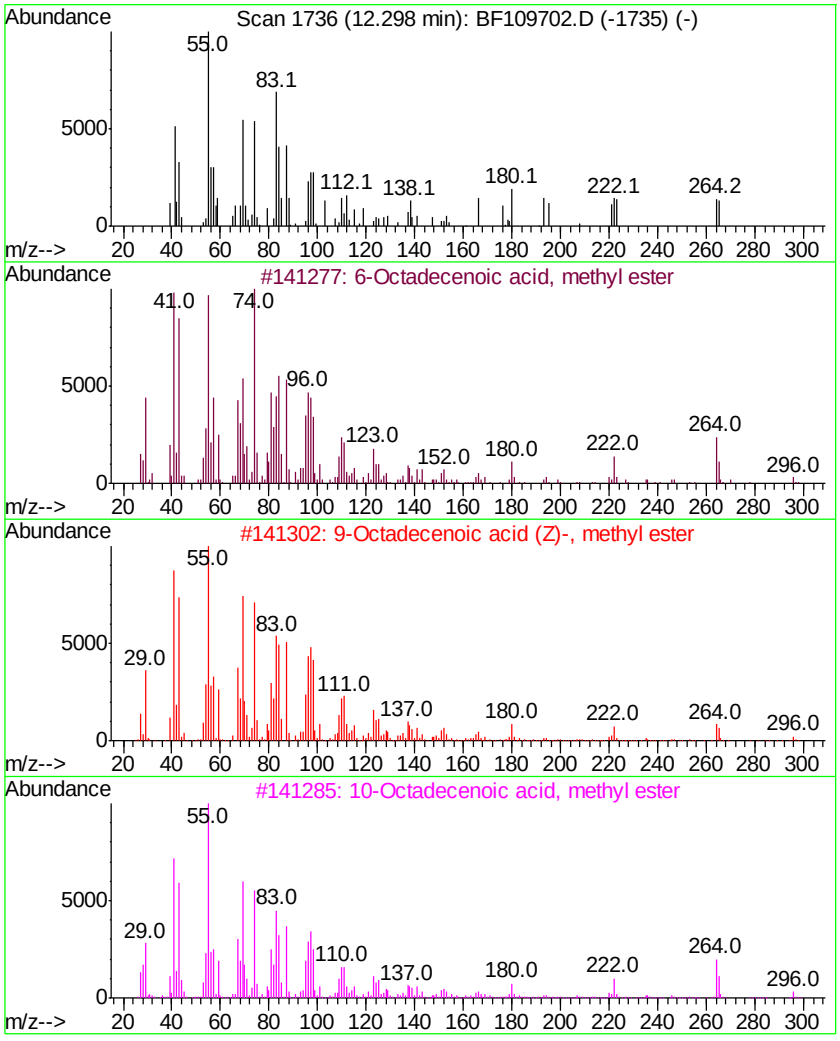
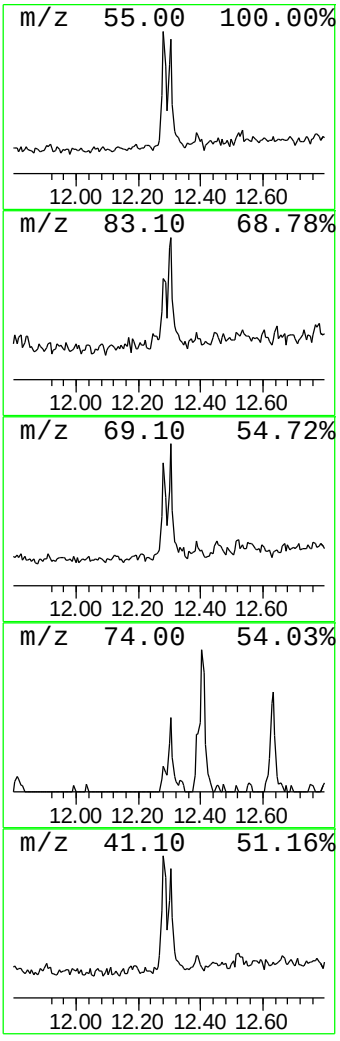
****

Peak Number 6 6-Octadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.22 ng	90514	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	53
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	53
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	49
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	43
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

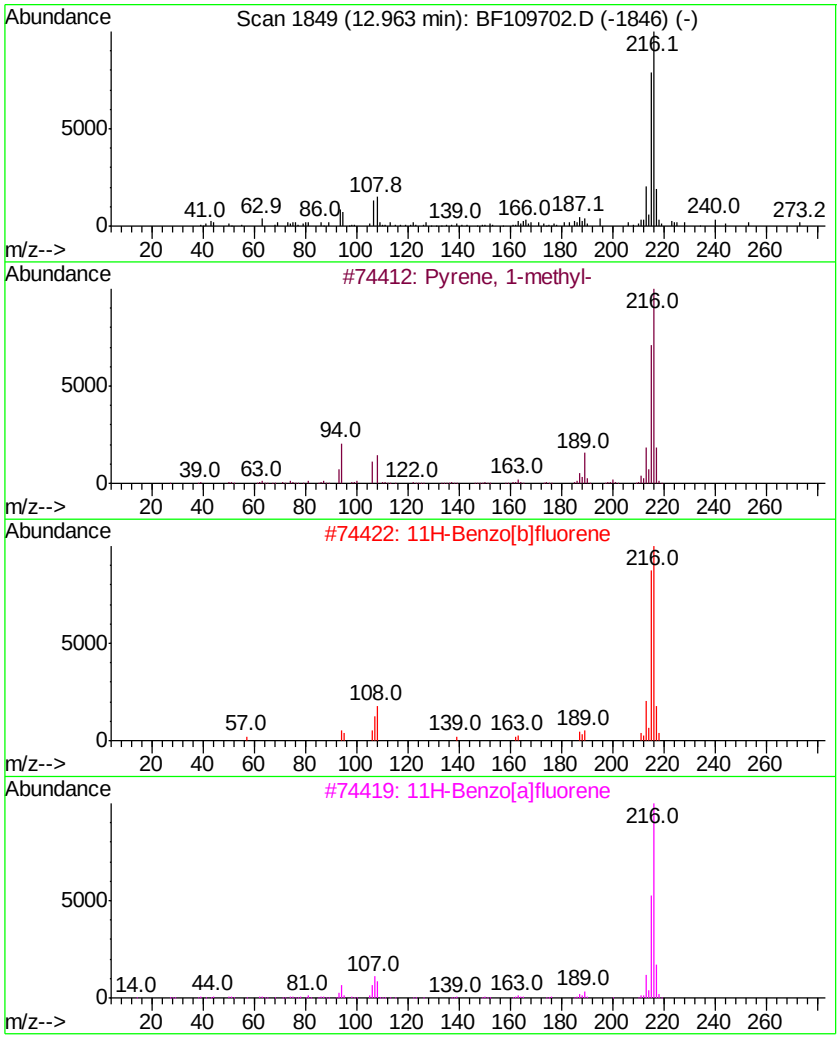
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

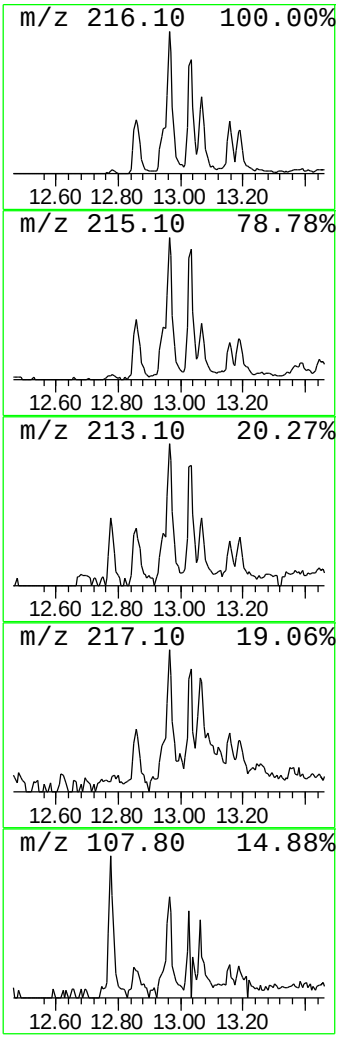
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.08 ng	110273	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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Acq On : 9 Oct 2018 18:35
Operator : JU/SJ
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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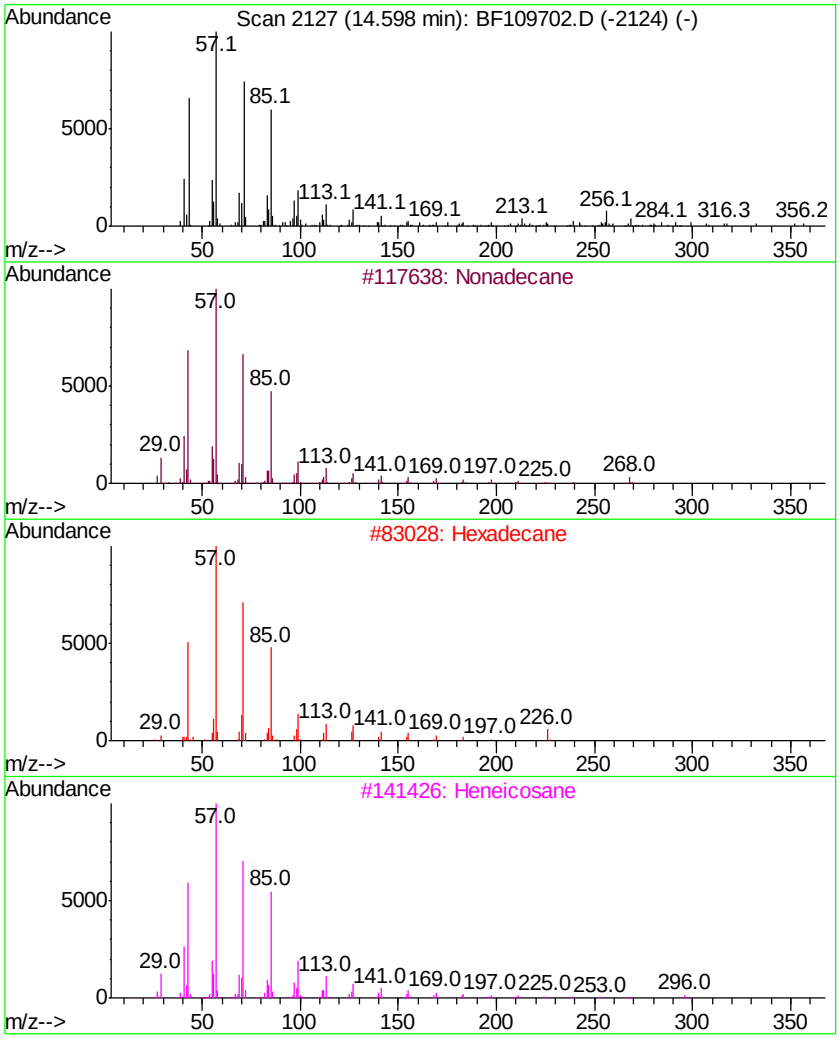
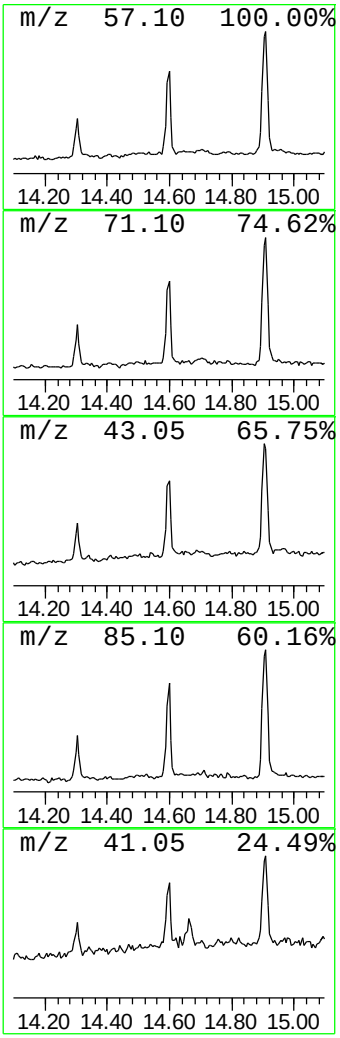
Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.94 ng	146687	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109702.D
Acq On : 9 Oct 2018 18:35
Operator : JU/SJ
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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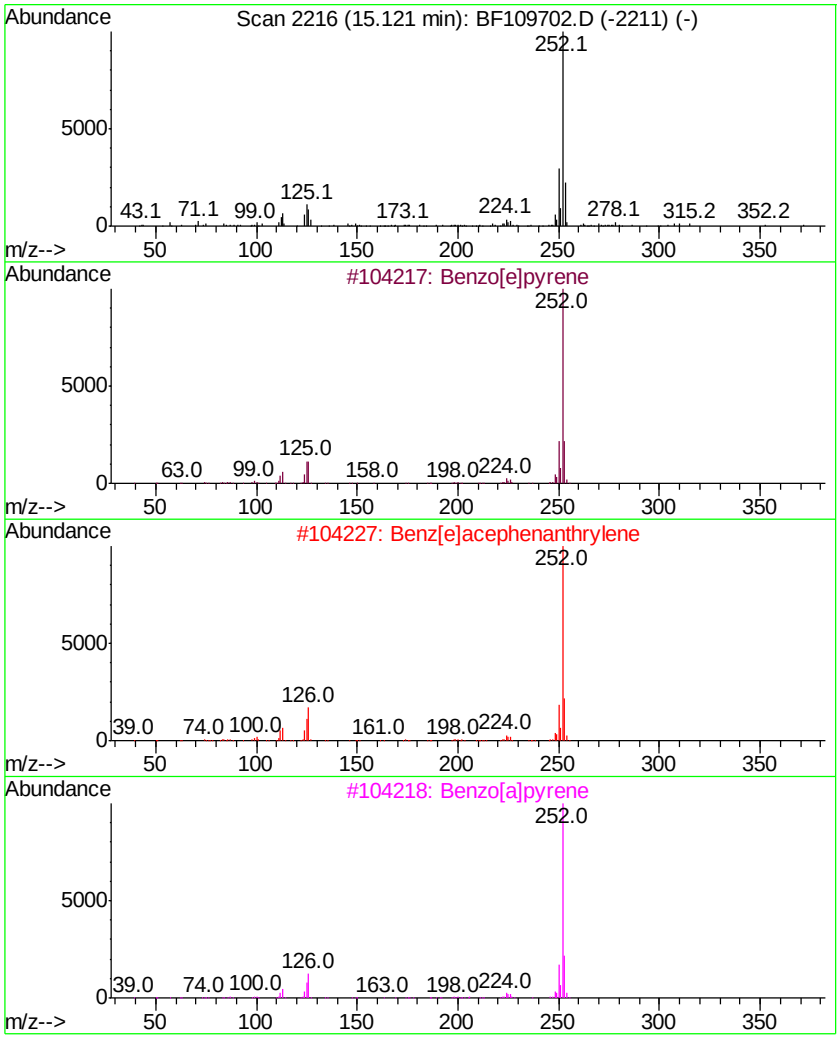
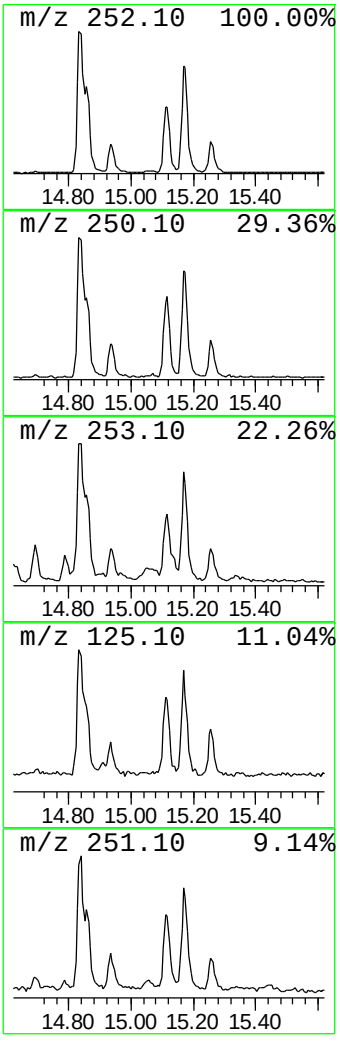
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	8.08 ng	199760	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109702.D
Acq On : 9 Oct 2018 18:35
Operator : JU/SJ
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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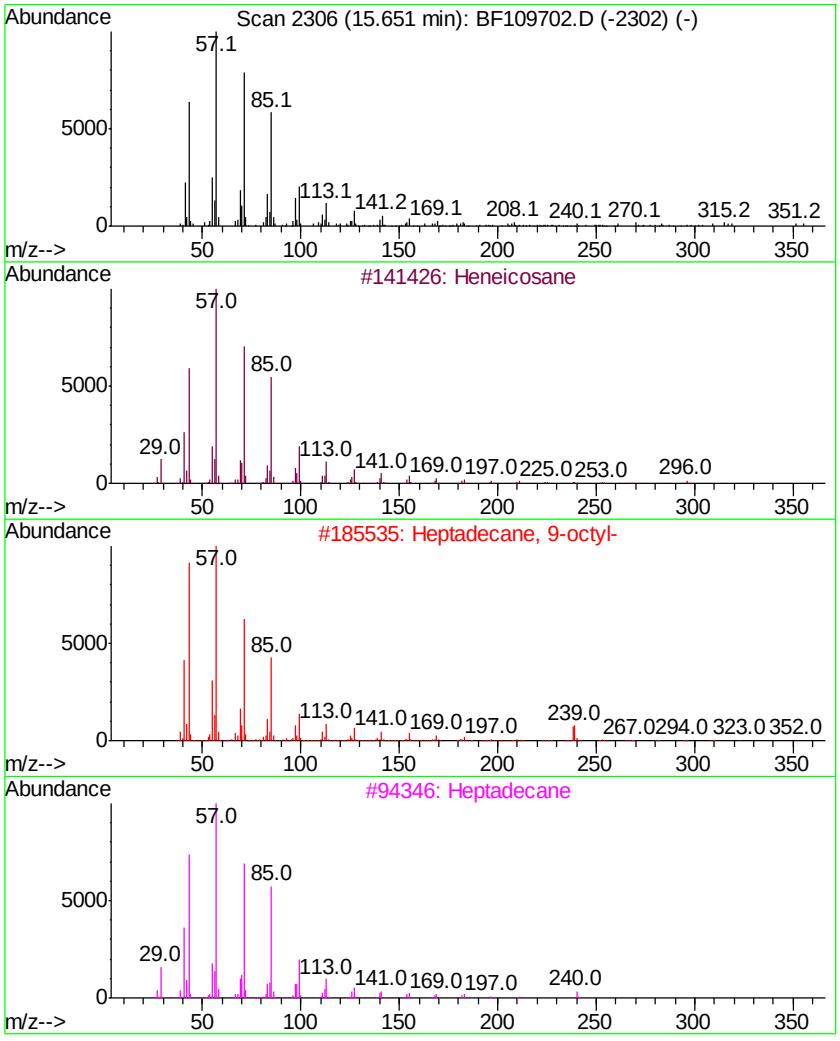
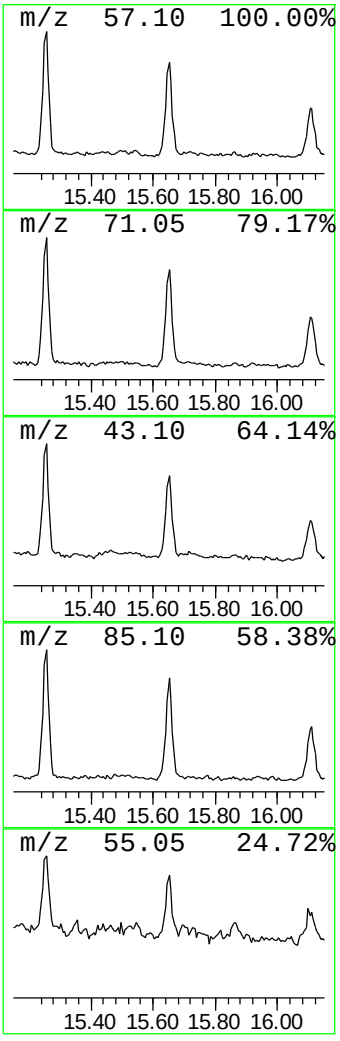
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	7.63 ng	188542	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
Data File : BF109702.D
Acq On : 9 Oct 2018 18:35
Operator : JU/SJ
Sample : J5201-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.46	6.46	21.8	ng	570676	1	6.69	523022	20.0
Anthracene, 2-met...	11.73	4.6	ng	128856	4	11.20	561970	20.0
4H-Cyclopenta[def...	11.81	7.0	ng	196060	4	11.20	561970	20.0
2-Chloroethyl lin...	12.28	4.9	ng	138427	4	11.20	561970	20.0
6-Octadecenoic ac...	12.30	3.2	ng	90514	4	11.20	561970	20.0
Pyrene, 1-methyl-	12.96	2.1	ng	110273	5	13.83	1057830	20.0
Nonadecane	14.60	5.9	ng	146687	6	15.23	494228	20.0
Benzo[e]pyrene	15.12	8.1	ng	199760	6	15.23	494228	20.0
Heneicosane	15.65	7.6	ng	188542	6	15.23	494228	20.0