LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098348.D
Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	4.857	468	471	482	rVB	81400	96695	3.25%	0.353%
2	5.287	539	544	556	rVB	1346464	1361752	45.84%	4.976%
3	6.322	716	720	731	rBV	1012574	932343	31.38%	3.407%
4	6.451	738	742	745	rBV	2400471	2187778	73.64%	7.995%
5	6.551	756	759	762	rVB	37836	32331	1.09%	0.118%
6	6.681	777	781	784	rBV	754354	640430	21.56%	2.340%
7	6.833	803	807	811	rBV	1961565	1980696	66.67%	7.238%
8	7.251	872	878	881	rBV	1724730	1715684	57.75%	6.270%
9	7.710	951	956	960	rVB2	31496	33938	1.14%	0.124%
10	7.963	995	999	1002	rBV	1009874	831114	27.98%	3.037%
11	8.186	1031	1037	1042	rVB3	21844	33905	1.14%	0.124%
12	8.392	1069	1072	1075	rBV2	38648	38031	1.28%	0.139%
13	8.428	1075	1078	1084	rVB2	60048	62220	2.09%	0.227%
14	8.533	1092	1096	1102	rVB4	54624	62428	2.10%	0.228%
15	8.686	1115	1122	1124	rBV3	46960	53996	1.82%	0.197%
16	8.716	1124	1127	1130	rBV2	23167	31529	1.06%	0.115%
17	8.827	1142	1146	1149	rBV	41791	40023	1.35%	0.146%
18	8.945	1163	1166	1170	rVB2	39002	36906	1.24%	0.135%
19	9.045	1174	1183	1185	rBV	3075174	2970885	100.00%	10.857%
20	9.069	1185	1187	1189	rVV	146588	114797	3.86%	0.420%
21	9.122	1193	1196	1198	rBV2	43026	39413	1.33%	0.144%
22	9.151	1198	1201	1206	rBV	136646	138756	4.67%	0.507%
23	9.263	1216	1220	1223	rBV4	35352	64400	2.17%	0.235%
24	9.310	1226	1228	1230	rVV	53833	43207	1.45%	0.158%
25	9.369	1234	1238	1241	rBV3	52754	72723	2.45%	0.266%
26	9.410	1241	1245	1247	rBV2	80710	94781	3.19%	0.346%
27	9.486	1255	1258	1261	rBV	160101	137393	4.62%	0.502%
28	9.575	1269	1273	1276	rBV3	156950	187639	6.32%	0.686%
29	9.622	1276	1281	1284	rVV4	47401	84543	2.85%	0.309%
30	9.716	1293	1297	1300	rVB	1026835	874457	29.43%	3.196%
31	9.751	1300	1303	1306	rBV	142960	148864	5.01%	0.544%
32	9.804	1310	1312	1314	rVB2	61729	44292	1.49%	0.162%
33	9.827	1314	1316	1320	rBV4	92756	118037	3.97%	0.431%
34	9.922	1328	1332	1334	rBV5	86954	128311	4.32%	0.469%

LSC Area Percent Report

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Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.945	1334	1336	1340	rVV3	79212	88025	2.96%	0.322%
36	9.992	1340	1344	1346	rVV4	46358	61155	2.06%	0.223%
37	10.033	1348	1351	1353	rVV	236551	255783	8.61%	0.935%
38	10.080	1356	1359	1365	rVB3	309567	287120	9.66%	1.049%
39	10.139	1365	1369	1372	rBV	1098714	966769	32.54%	3.533%
40	10.257	1387	1389	1392	rVB3	91771	75990	2.56%	0.278%
41	10.327	1399	1401	1404	rBV3	91227	105600	3.55%	0.386%
42	10.374	1407	1409	1412	rVV4	117389	151837	5.11%	0.555%
43	10.427	1416	1418	1420	rBV	102415	92813	3.12%	0.339%
44	10.510	1426	1432	1436	rVB2	1481093	1551133	52.21%	5.669%
45	10.551	1436	1439	1441	rBV3	80947	97384	3.28%	0.356%
46	10.704	1461	1465	1471	rBV4	209131	415087	13.97%	1.517%
47	10.821	1482	1485	1487	rBV3	211062	221881	7.47%	0.811%
48	10.921	1500	1502	1503	rBV	136919	108848	3.66%	0.398%
49	10.945	1503	1506	1510	rVB3	435452	526418	17.72%	1.924%
50	11.104	1531	1533	1536	rVB2	201132	159124	5.36%	0.582%
51	11.204	1546	1550	1554	rVB	867669	789924	26.59%	2.887%
52	11.439	1588	1590	1592	rBV	160992	144663	4.87%	0.529%
53	11.651	1624	1626	1635	rVB4	340936	587006	19.76%	2.145%
54	11.727	1637	1639	1644	rVB2	283634	315788	10.63%	1.154%
55	12.174	1713	1715	1720	rVB2	203132	214735	7.23%	0.785%
56	12.792	1815	1820	1828	rVB	2066479	2407206	81.03%	8.797%
57	13.839	1995	1998	2002	rVB	587563	526934	17.74%	1.926%
58	14.668	2137	2139	2142	rVB	116879	95413	3.21%	0.349%
59	14.915	2178	2181	2186	rBV2	99318	183279	6.17%	0.670%
60	15.245	2232	2237	2249	rVB	468917	675915	22.75%	2.470%
61	15.662	2305	2308	2313	rVB	95947	123060	4.14%	0.450%
62	16.121	2382	2386	2397	rVB	105306	200150	6.74%	0.731%
63	16.662	2473	2478	2488	rVB2	85541	180684	6.08%	0.660%
64	17.292	2579	2585	2593	rVB3	79852	192435	6.48%	0.703%
65	18.039	2706	2712	2721	rVB4	48096	127335	4.29%	0.465%

Sum of corrected areas: 27363791

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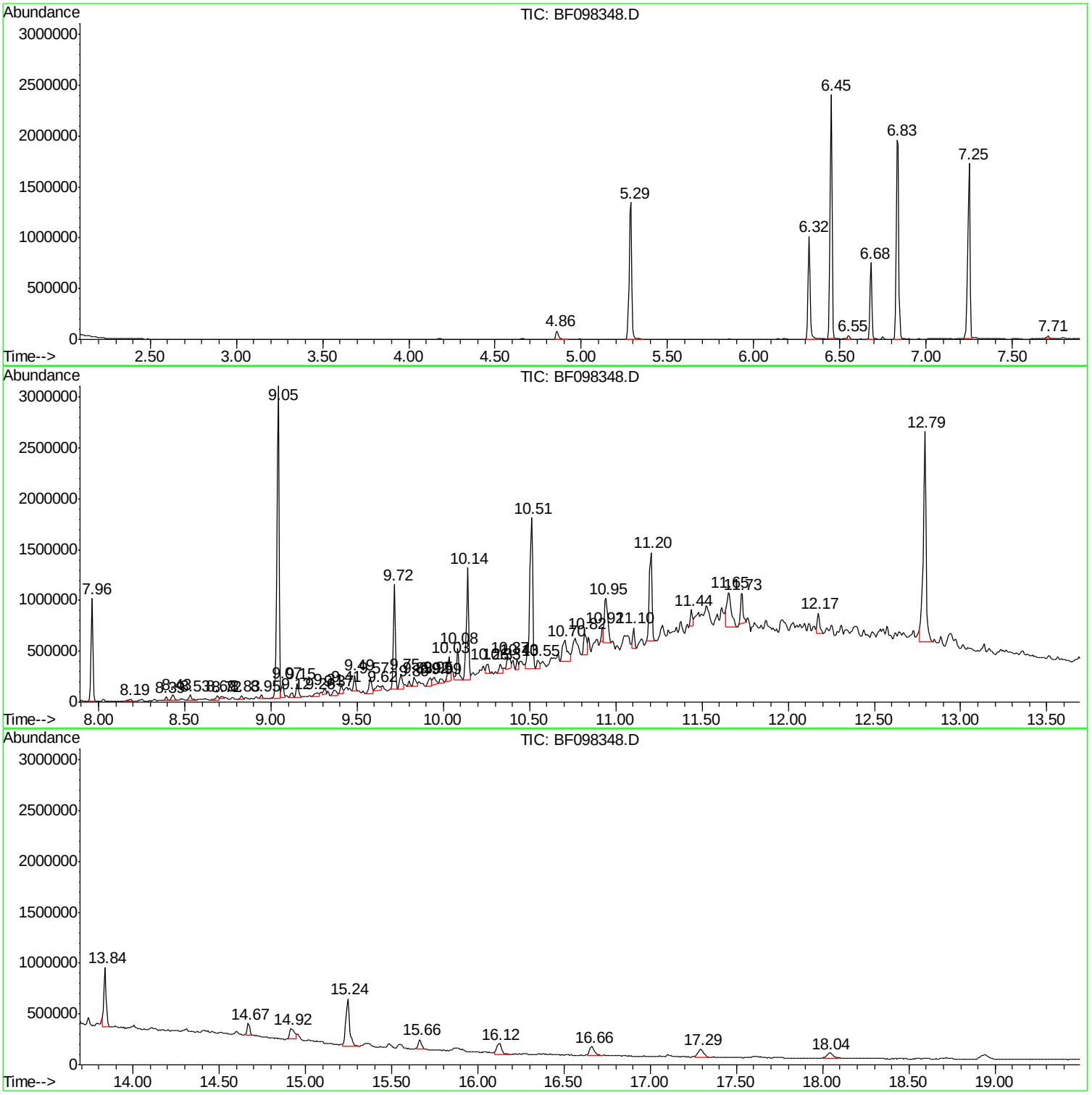
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098348.D
Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

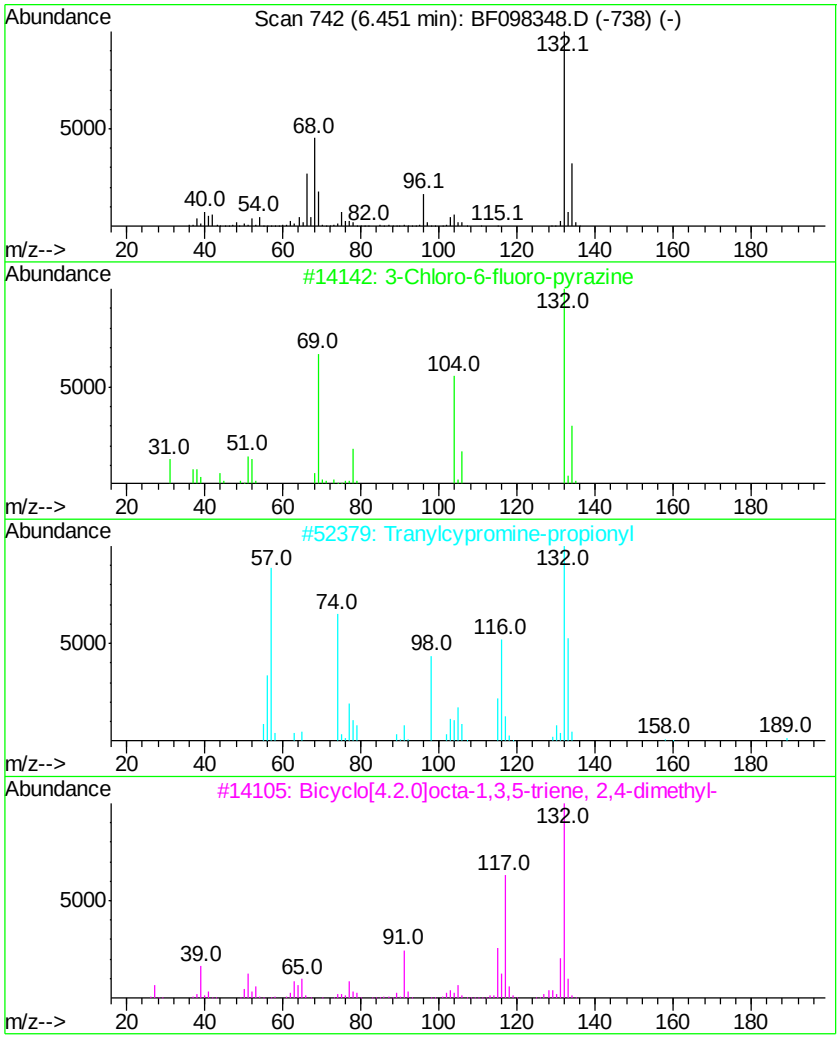
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

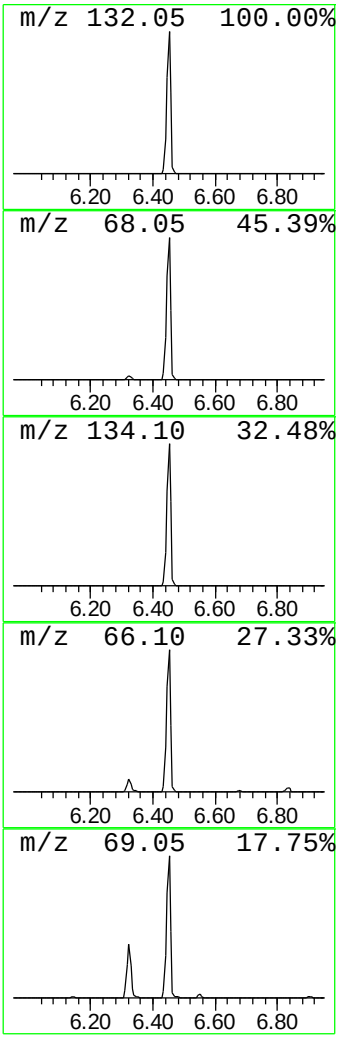
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	68.32 ng	2187780	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098348.D
Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

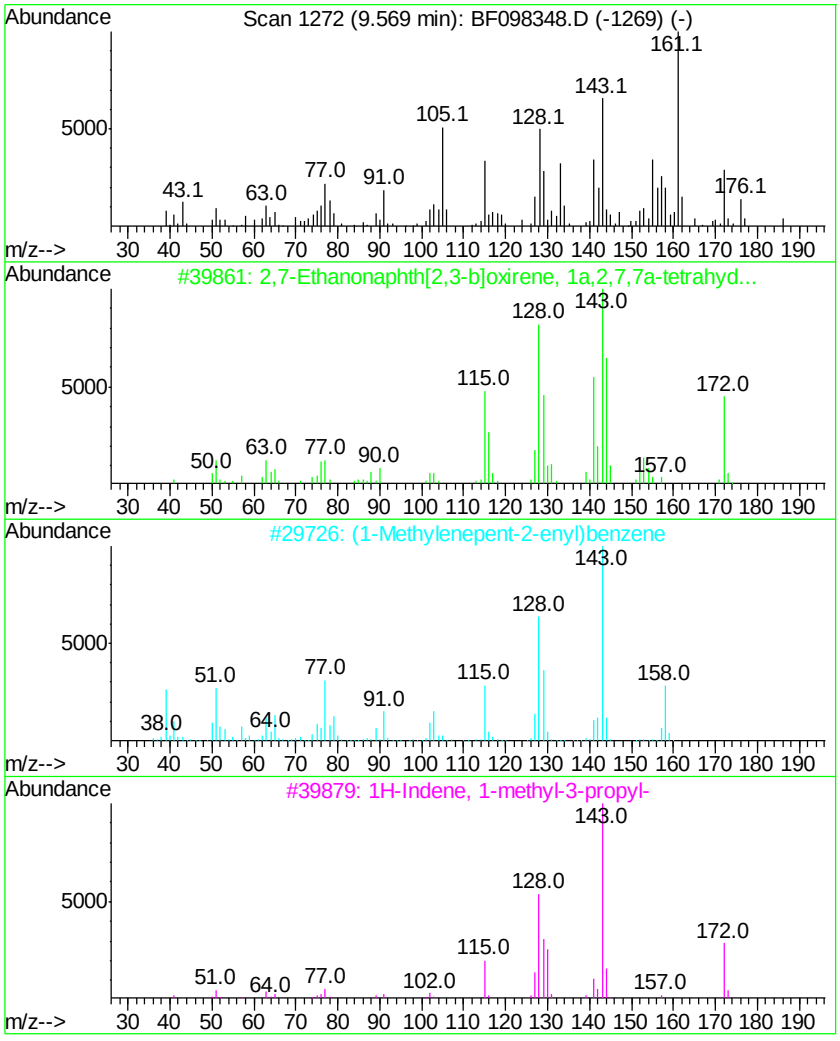
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

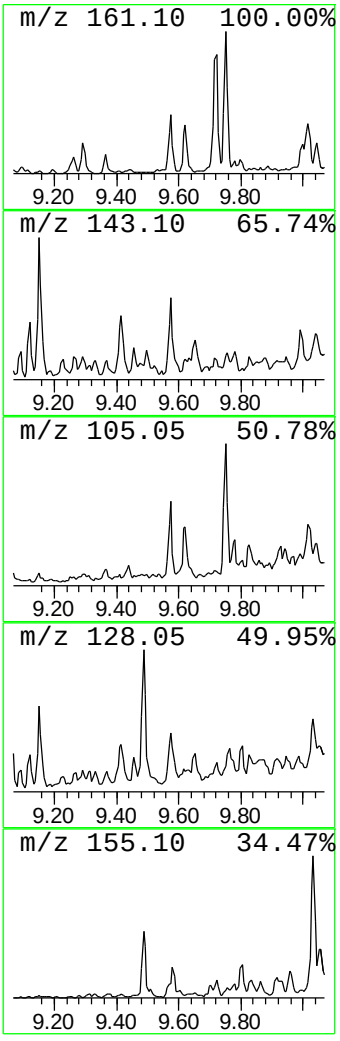
****

Peak Number 3 2,7-Ethanonaphth[2,3-b]oxir... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	4.29 ng	187639	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Ethanonaphth[2,3-b]oxirene, ...	172	C12H12O	054461-07-3	83
2	(1-Methylenepent-2-enyl)benzene	158	C12H14	084313-24-6	42
3	1H-Indene, 1-methyl-3-propyl-	172	C13H16	111400-83-0	38
4	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	38
5	1,2,3-Trimethylindene	158	C12H14	004773-83-5	30





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

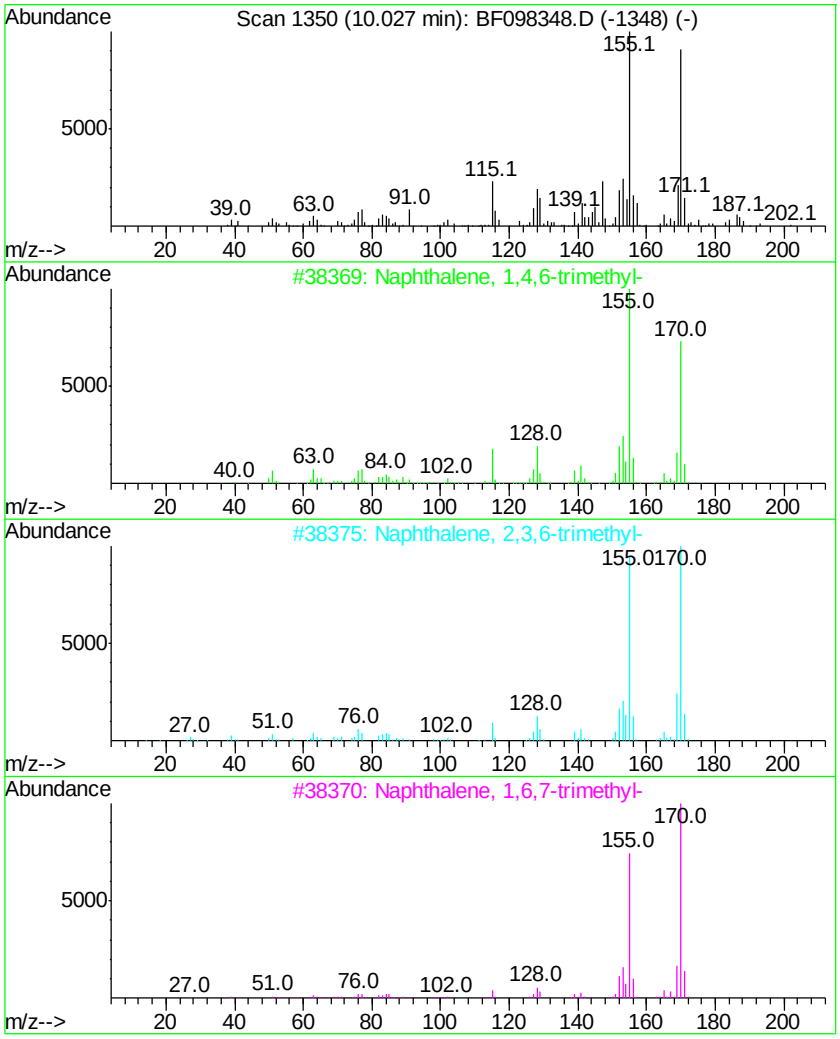
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

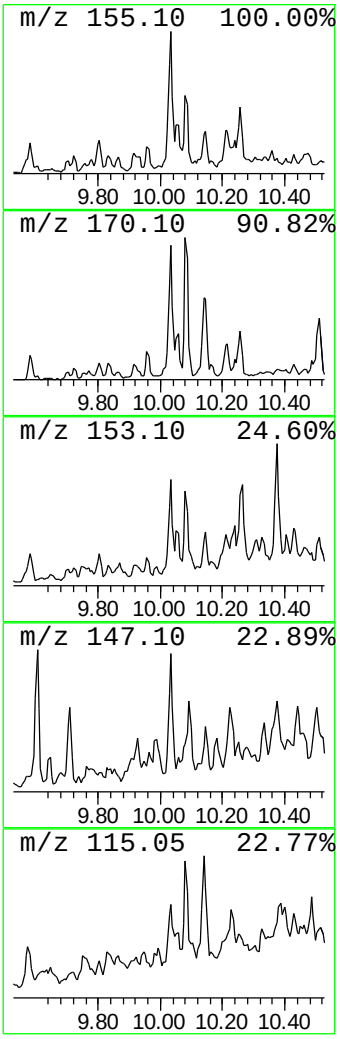
****

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	5.85 ng	255783	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

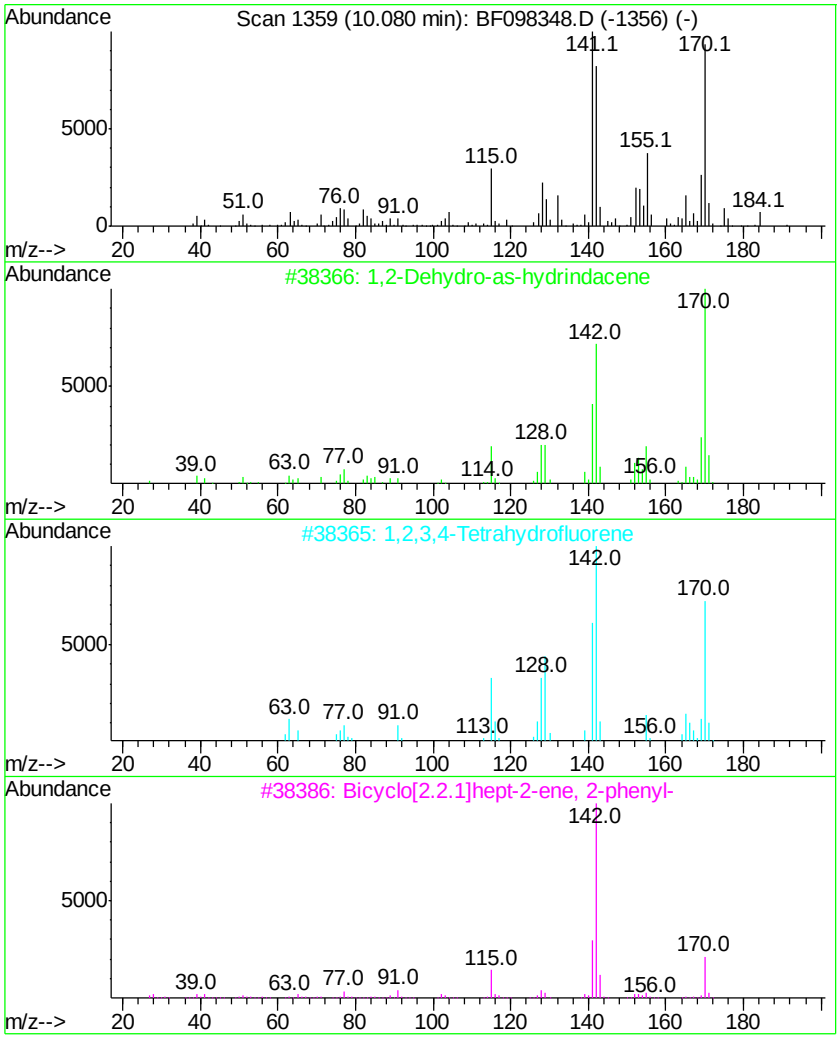
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

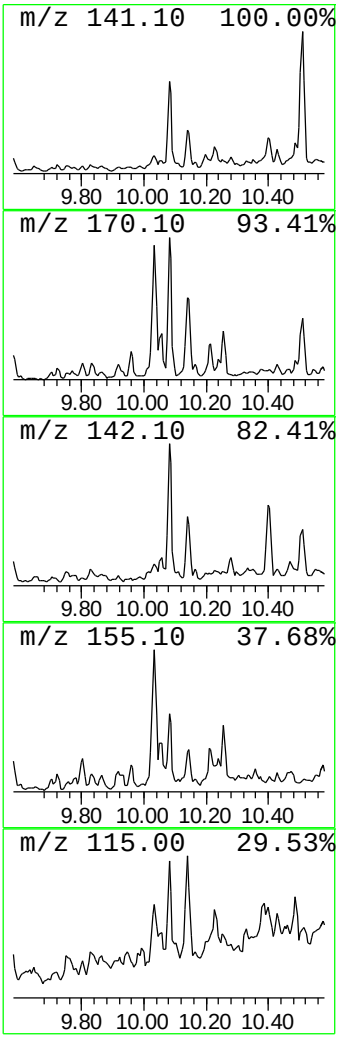
****

Peak Number 5 1,2-Dehydro-as-hydrindacene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	6.57 ng	287120	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dehydro-as-hydrindacene	170	C13H14	096508-75-7	76
2	1,2,3,4-Tetrahydrofluorene	170	C13H14	017057-95-3	58
3	Bicyclo[2.2.1]hept-2-ene, 2-phenyl-	170	C13H14	004237-08-5	46
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	001953-33-9	46
5	2,6-Difluorobenzaldehyde	142	C7H4F2O	000437-81-0	35





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

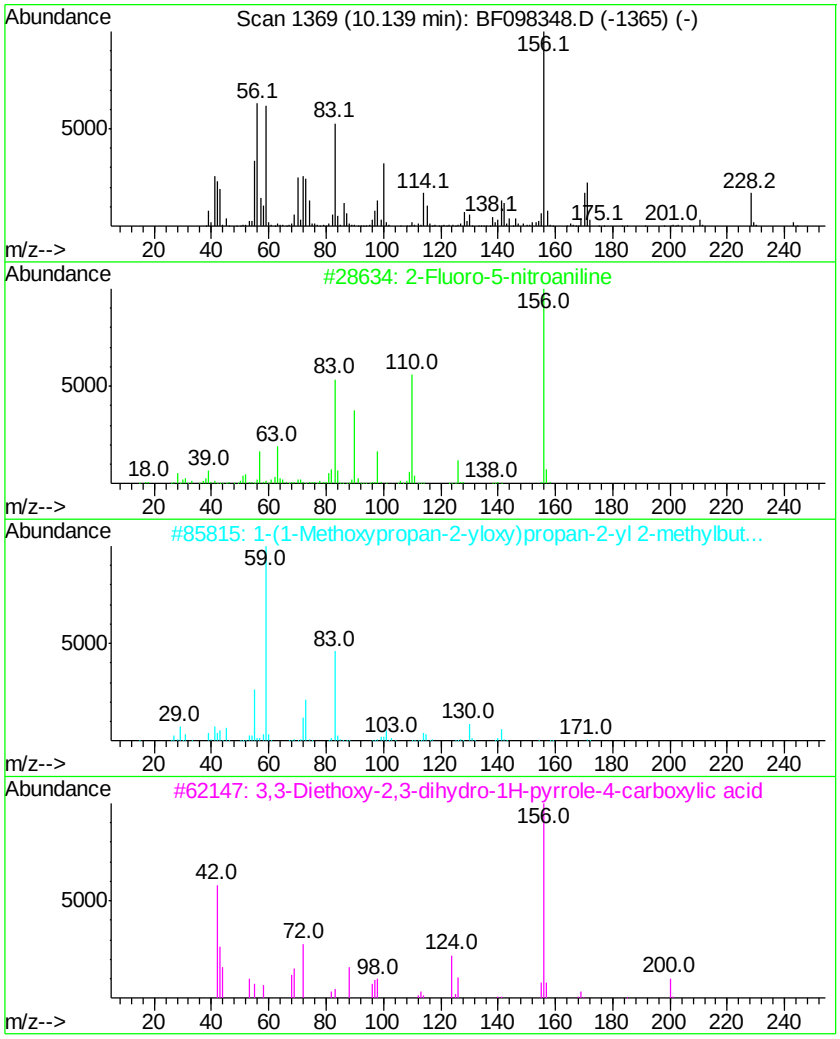
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

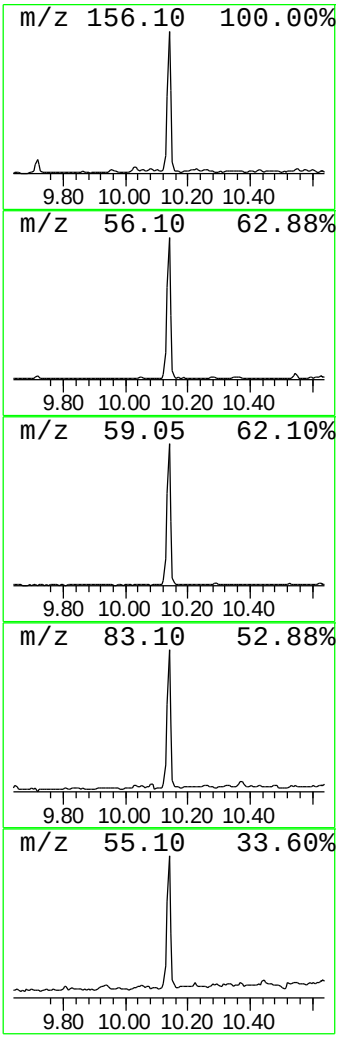
****

Peak Number 6 unknown10.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	22.11 ng	966769	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-5-nitroaniline	156	C6H5FN2O2	000369-36-8	30
2	1-(1-Methoxypropan-2-yloxy)propa...	230	C12H22O4	1000367-11-3	27
3	3,3-Diethoxy-2,3-dihydro-1H-pyrr...	201	C9H15NO4	1000222-73-8	22
4	(S)-(-)-.alpha.-(1-Naphthyl)ethy...	171	C12H13N	010420-89-0	22
5	d-Proline, n-propoxycarbonyl-, p...	243	C12H21NO4	1000320-81-8	18





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Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

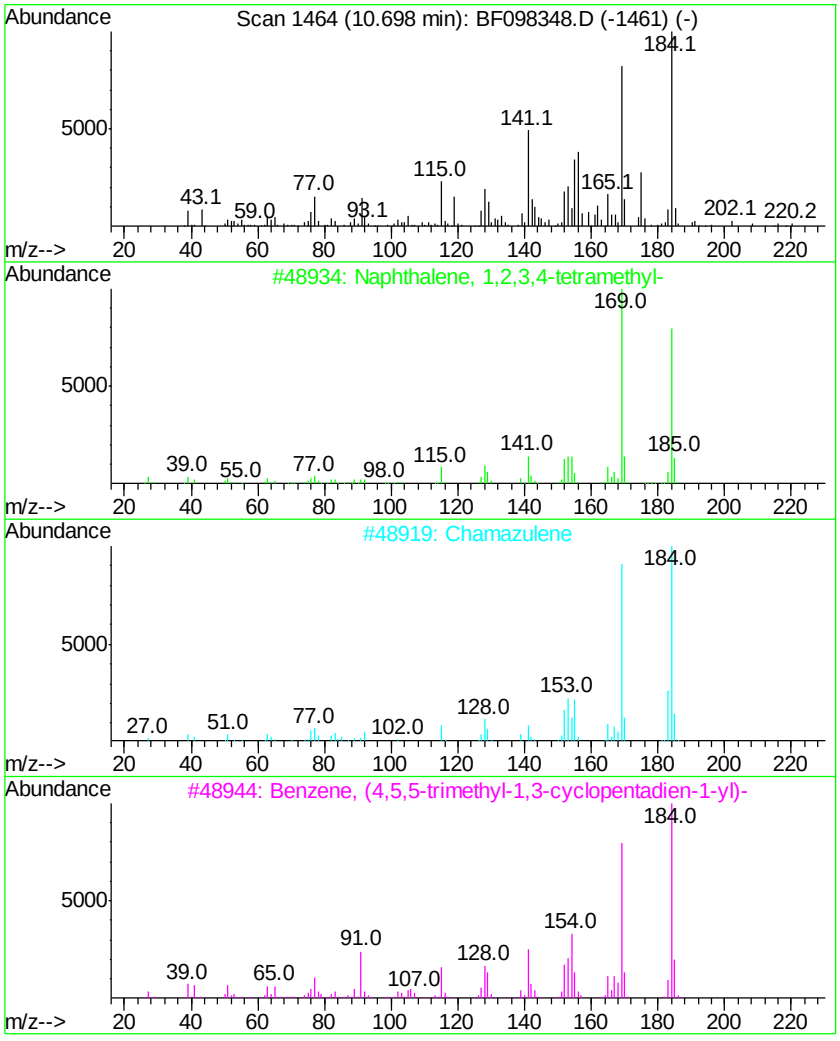
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

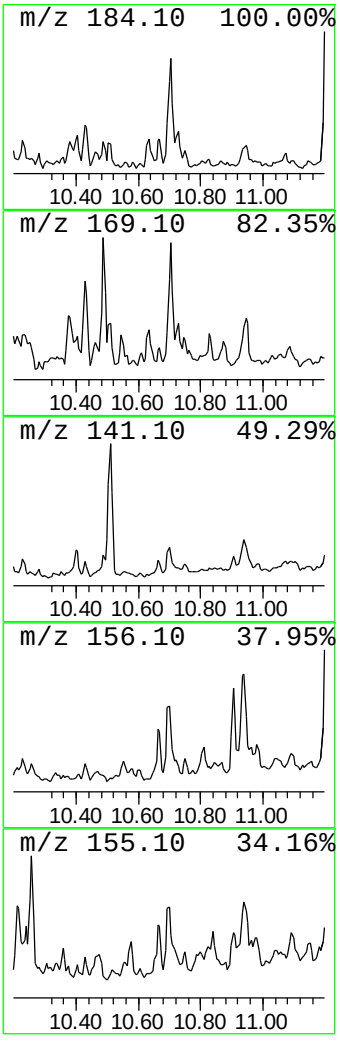
****

Peak Number 7 Naphthalene, 1,2,3,4-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	10.51 ng	415087	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
2	Chamazulene	184	C14H16	000529-05-5	83
3	Benzene, (4,5,5-trimethyl-1,3-cv...	184	C14H16	033930-85-7	83
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	81
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098348.D
Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

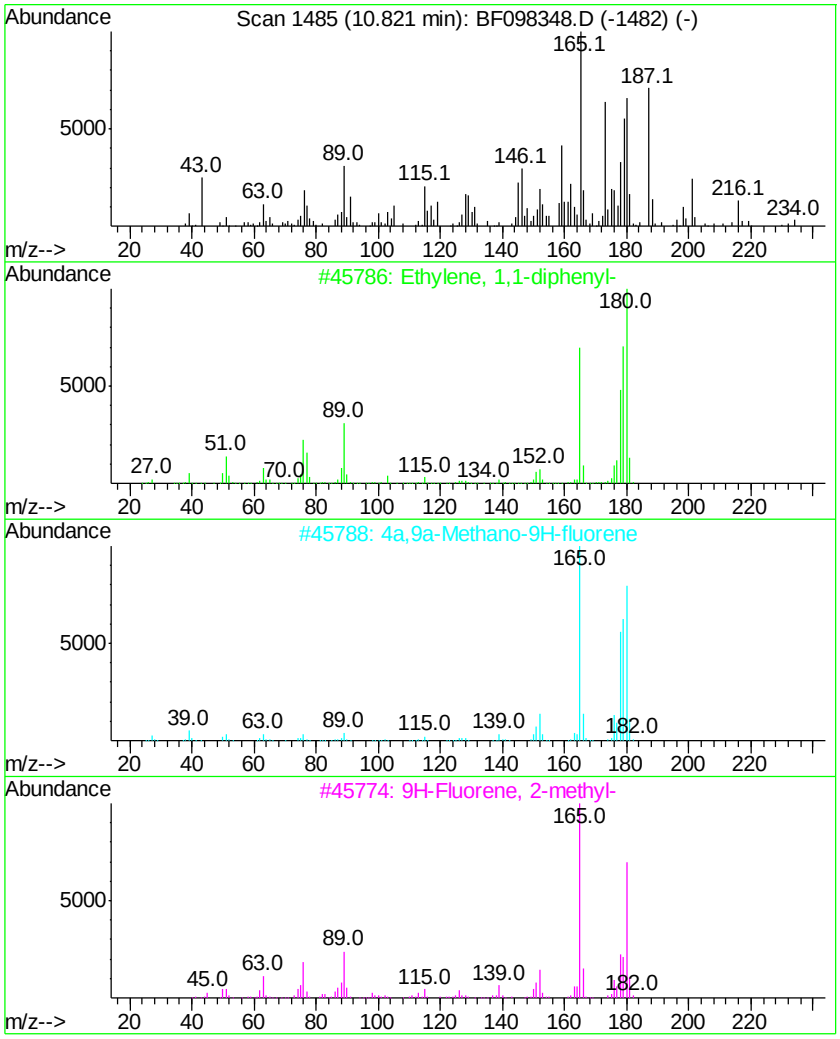
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

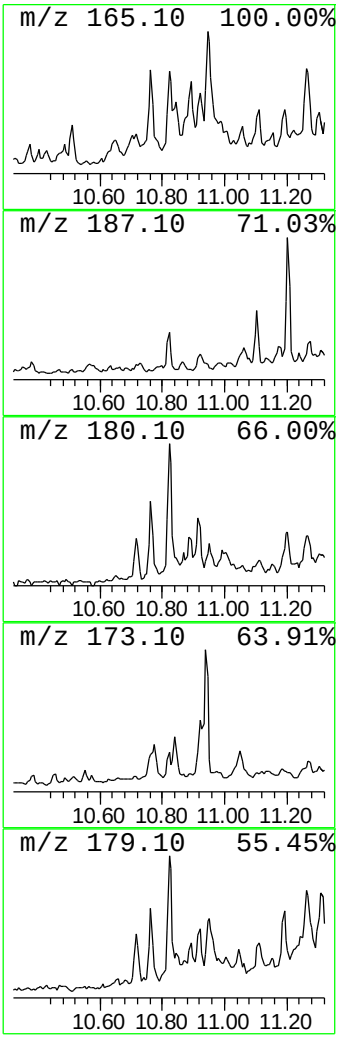
****

Peak Number 8 Ethylene, 1,1-diphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	5.62 ng	221881	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	84
2	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	59
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	49
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	42





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Sample : I5109-01
Misc :
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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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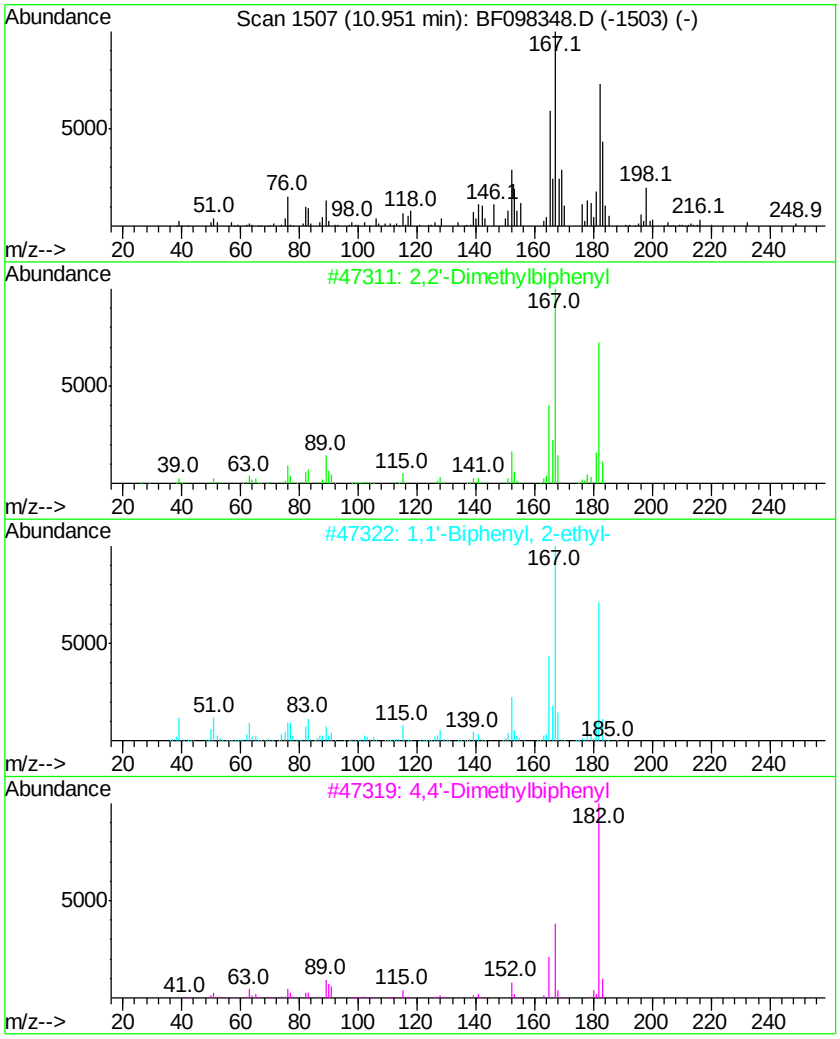
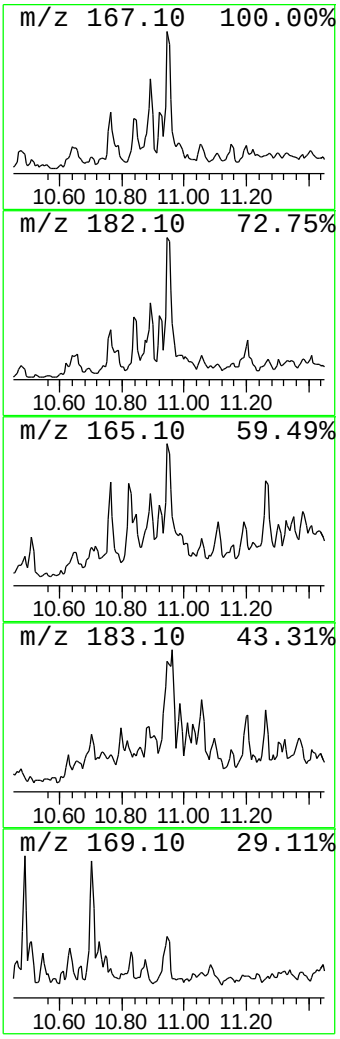
Peak Number 9 unknown10.95 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	13.33 ng	526418	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49
2	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	42
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	30
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	30





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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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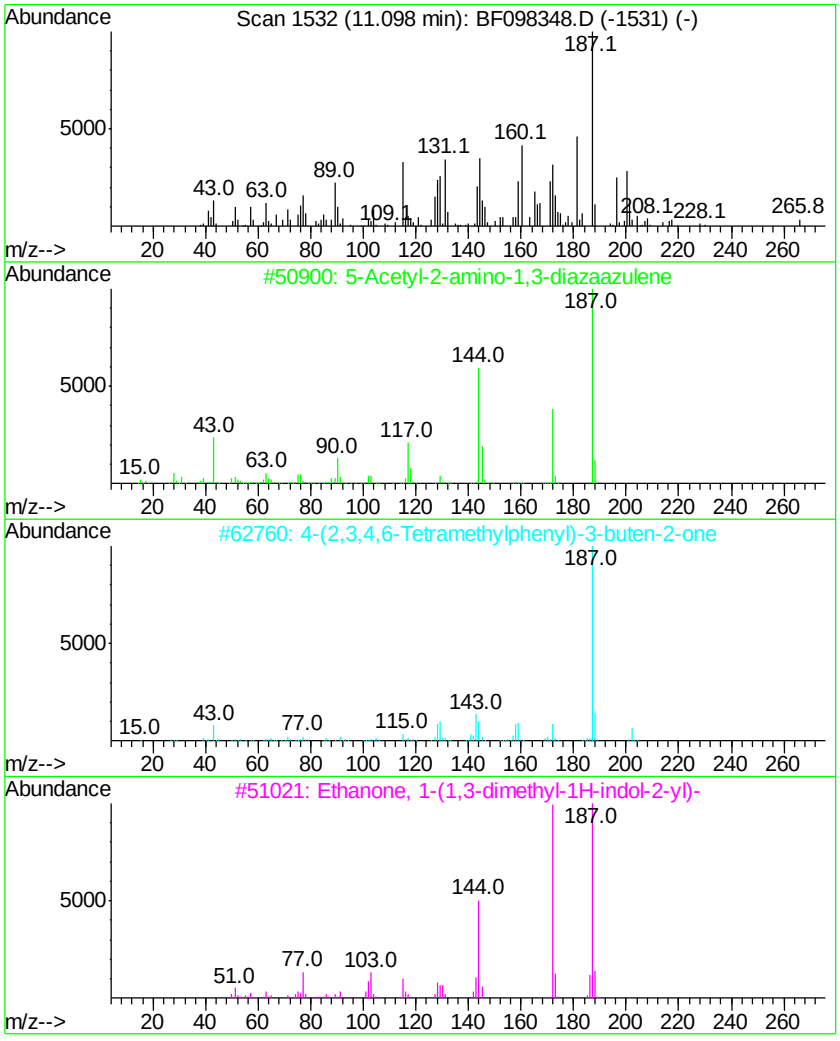
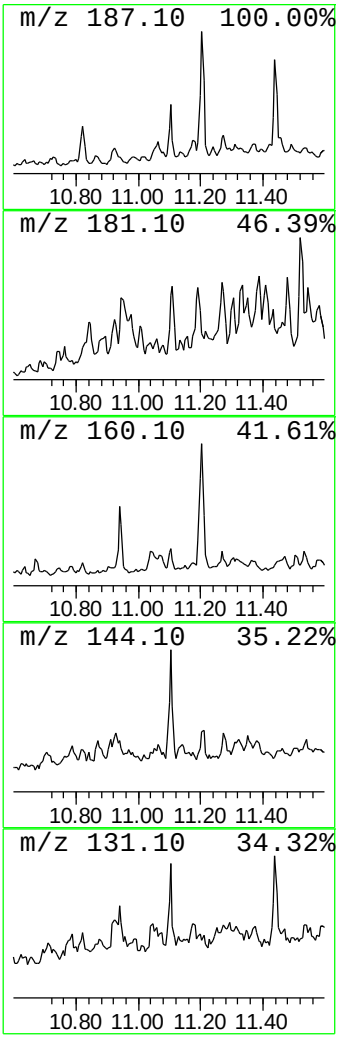
Peak Number 10 unknown11.10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.03 ng	159124	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acetyl-2-amino-1,3-diazaazulene	187	C10H9N3O	094488-36-5	38
2	4-(2,3,4,6-Tetramethylphenyl)-3-...	202	C14H18O	094112-30-8	27
3	Ethanone, 1-(1,3-dimethyl-1H-ind...	187	C12H13NO	016244-26-1	22
4	2(1H)-Quinolinone, 4-acetyl-	187	C11H9NO2	016511-39-0	22
5	2-Phenyl-2-cyclohexen-1-one oxime	187	C12H13NO	056923-15-0	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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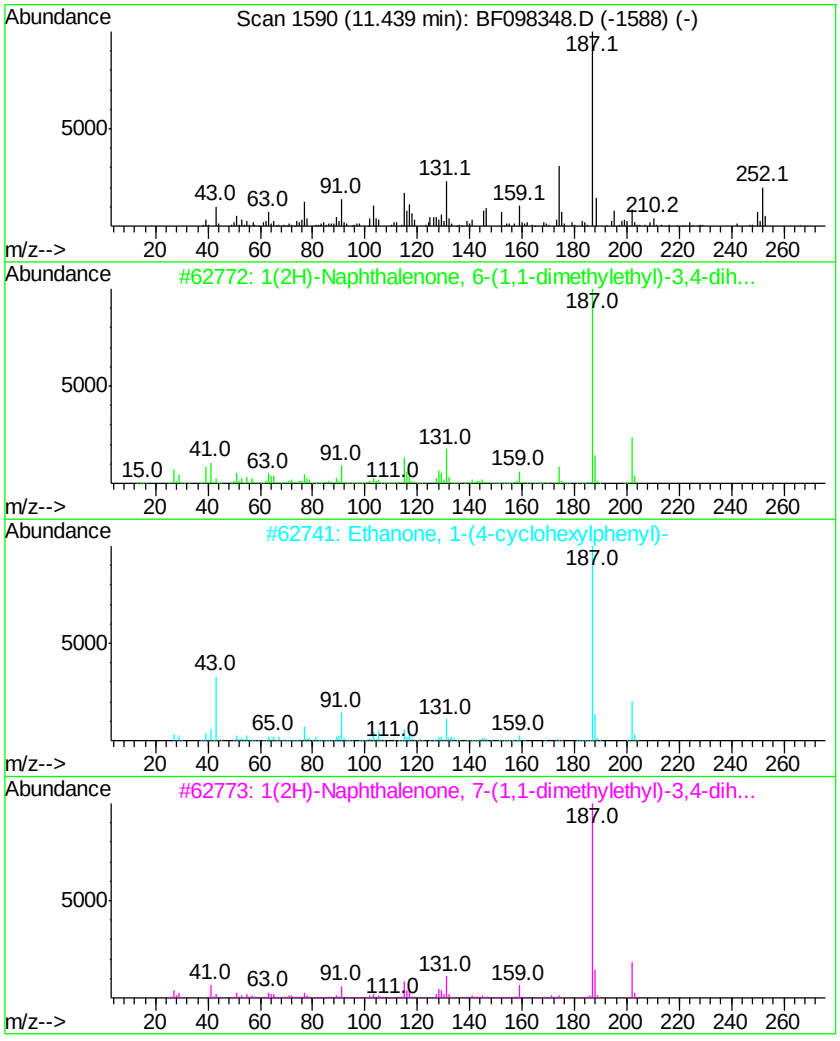
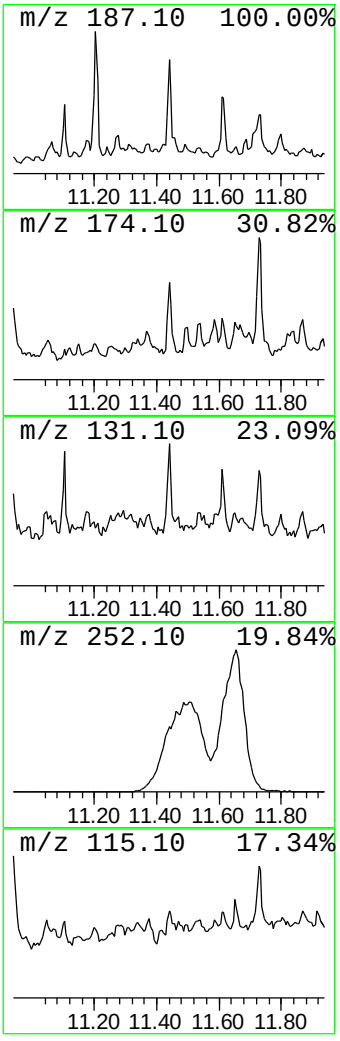
Peak Number 11 1(2H)-Naphthalenone, 6-(1,1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.66 ng	144663	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 6-(1,1-dime...	202	C14H18O	051015-37-3	70
2	Ethanone, 1-(4-cyclohexylphenyl)-	202	C14H18O	018594-05-3	64
3	1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	62
4	Acridine, 1,2,3,4,5,6,7,8-octahy...	187	C13H17N	001658-08-8	47
5	Amrinone	187	C10H9N3O	060719-84-8	47





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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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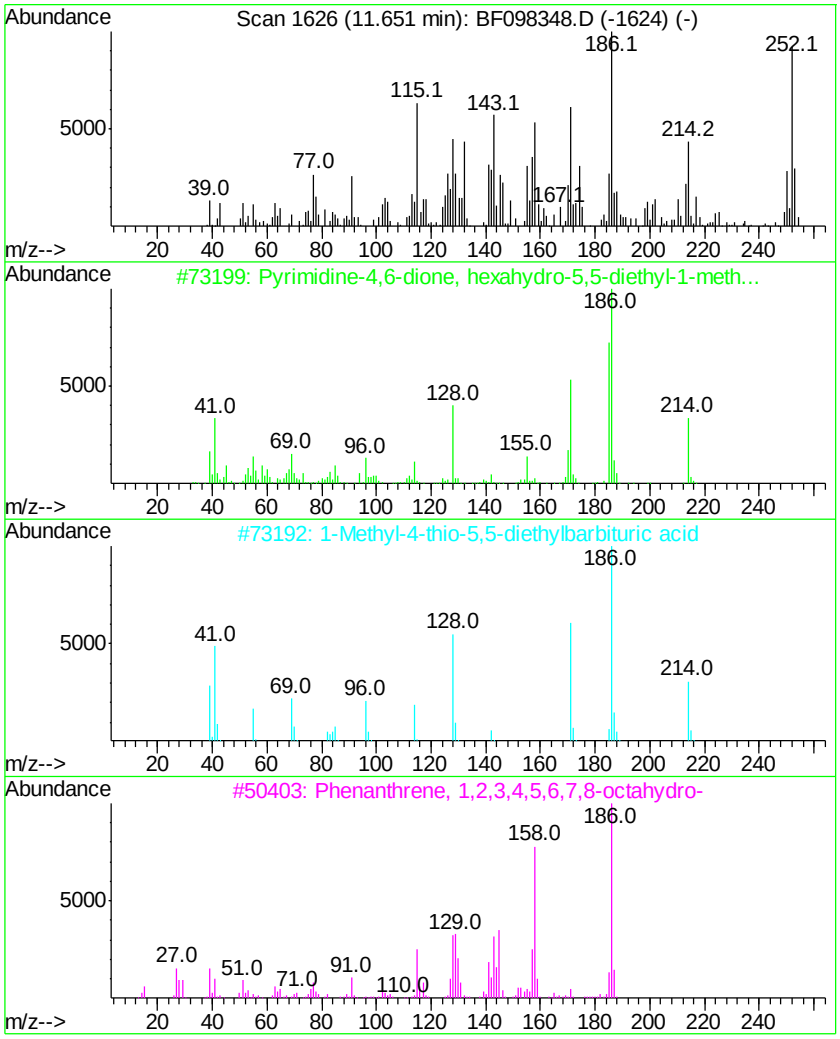
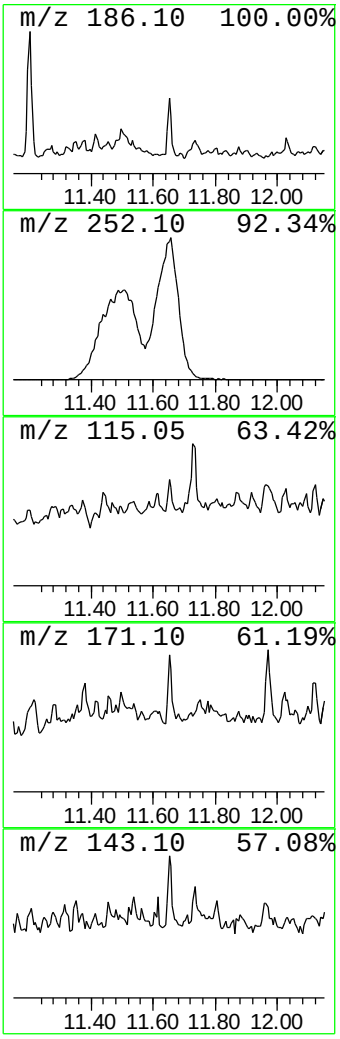
Peak Number 12 Pyrimidine-4,6-dione, hexah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	14.86 ng	587006	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine-4,6-dione, hexahydro-...	214	C9H14N2O2S	003362-19-4	50
2	1-Methyl-4-thio-5,5-diethylbarbi...	214	C9H14N2O2S	1000306-45-4	41
3	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	38
4	(2-Ethyl-3,3-dimethyl-cycloprop-...	186	C14H18	1000274-98-9	38
5	4H-Benzopyran-4-one, 3-(4-methox...	252	C16H12O3	001621-58-5	25





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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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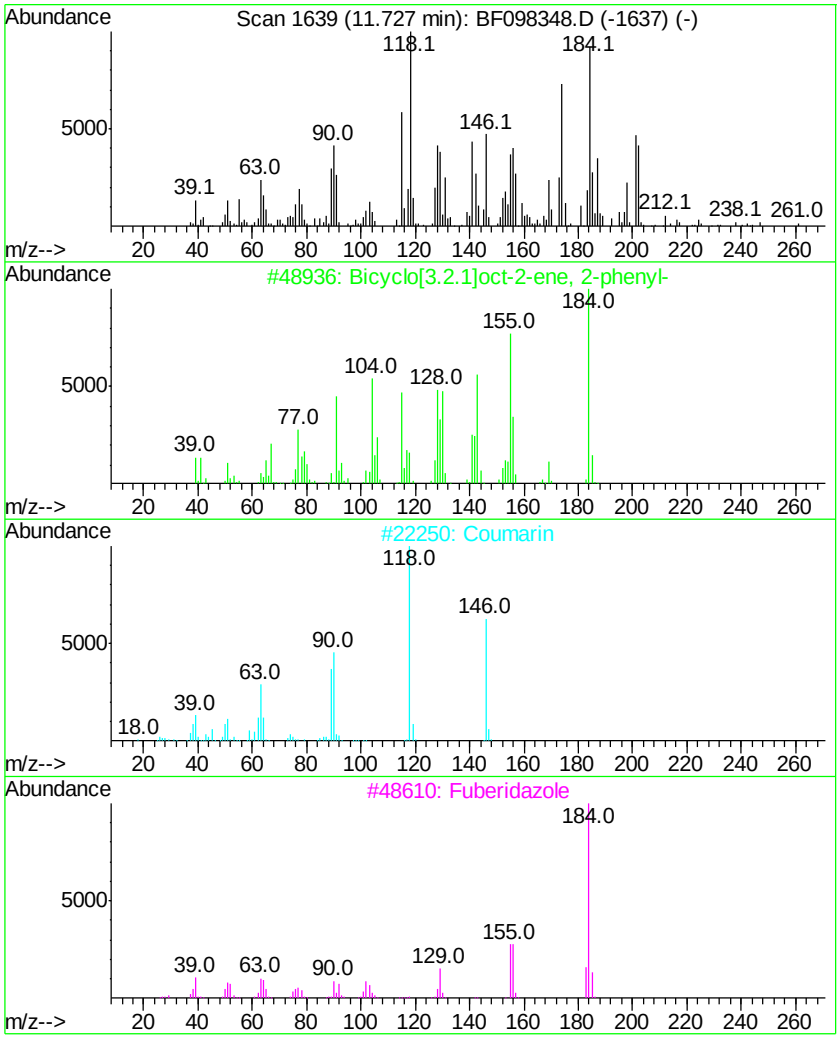
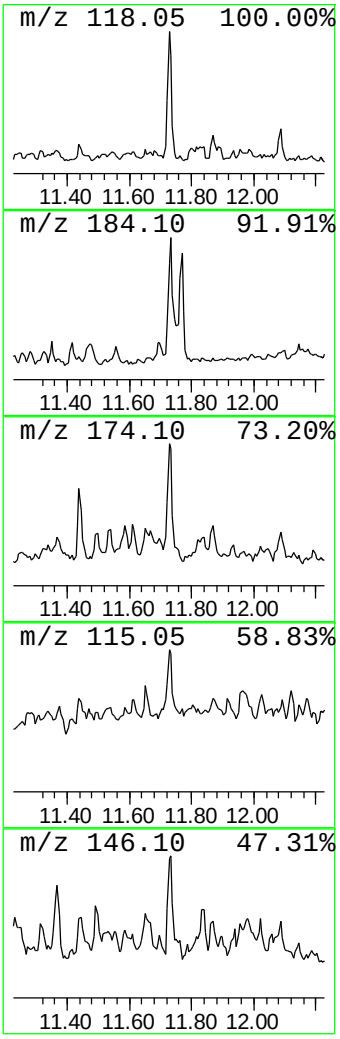
Peak Number 13 unknown11.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.00 ng	315788	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 2-phenyl-	184	C14H16	082027-19-8	30
2	Coumarin	146	C9H6O2	000091-64-5	25
3	Fuberidazole	184	C11H8N2O	003878-19-1	25
4	Cis-1-(2-furyl)-2-phenylcyclopro...	184	C13H12O	039763-89-8	22
5	1H-1,3,2-Benzodiazaborole, 2-but...	174	C10H15BN2	031748-14-8	18





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ClientSampleId : DRUM-1-2-COMP

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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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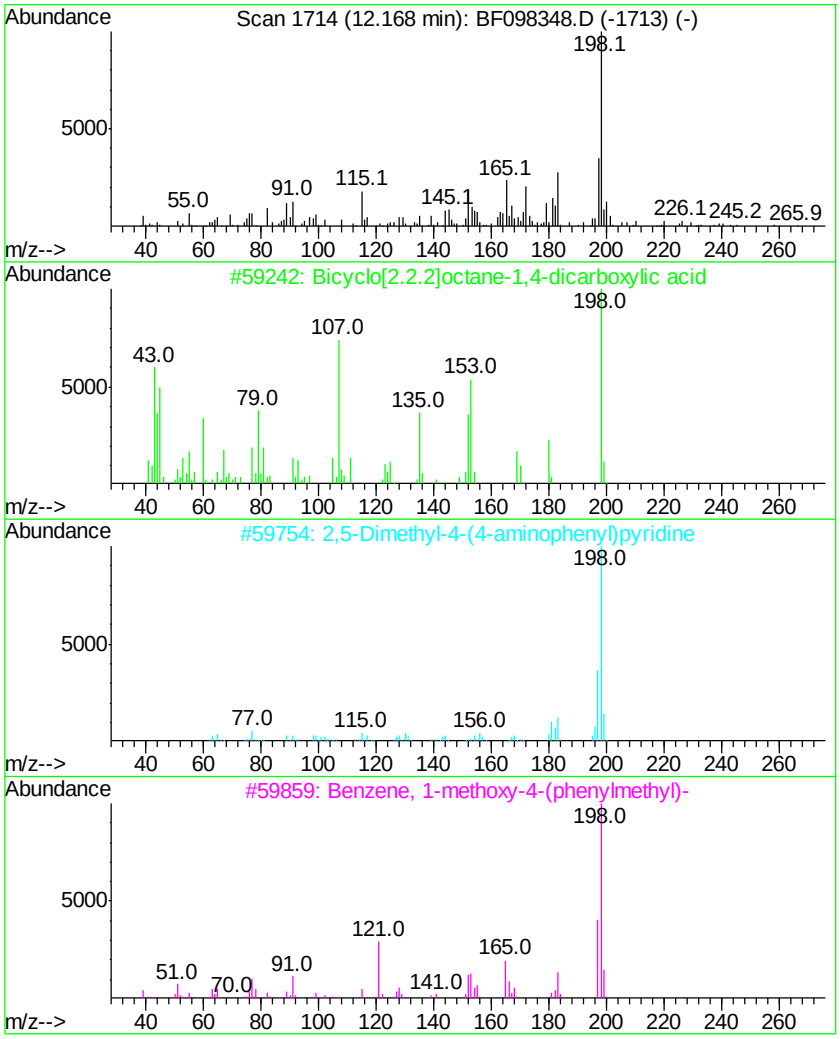
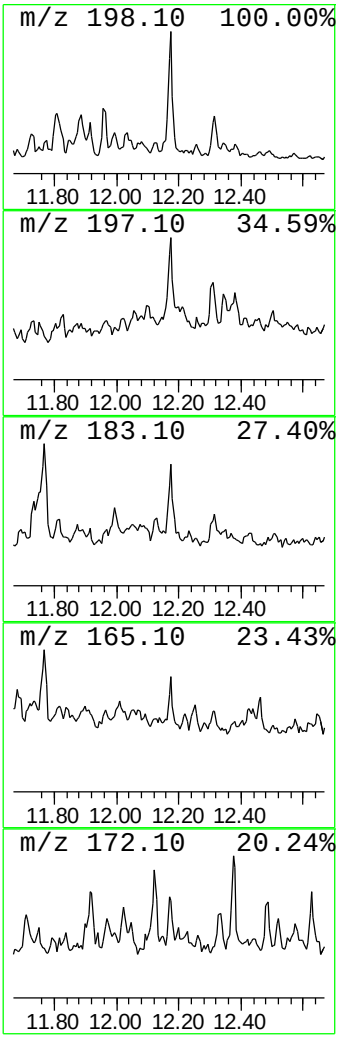
Peak Number 14 Bicyclo[2.2.2]octane-1,4-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.44 ng	214735	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane-1,4-dicarbo...	198	C10H14O4	000711-02-4	70
2	2,5-Dimethyl-4-(4-aminophenyl)py...	198	C13H14N2	071153-40-7	50
3	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	49
4	1H-Imidazo[4,5-g]quinoxaline, 1,...	198	C11H10N4	1000319-12-2	46
5	2-Benzyl-[1,4]benzoquinone	198	C13H10O2	038940-10-2	43





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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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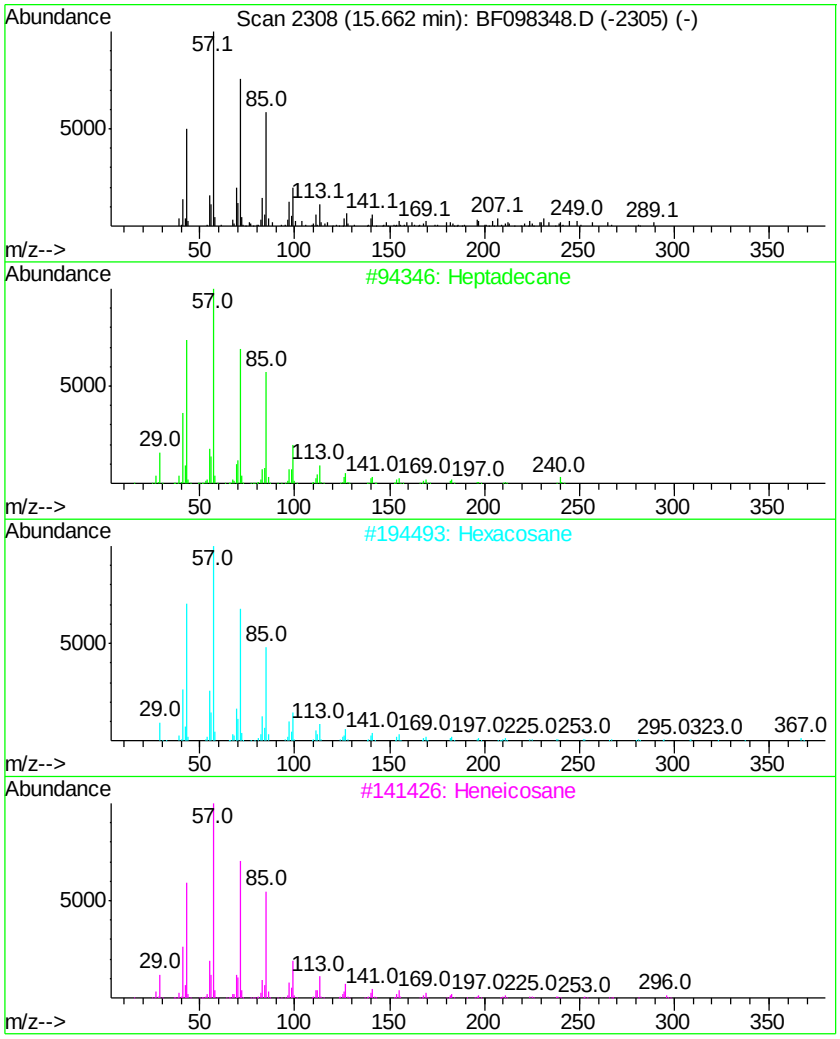
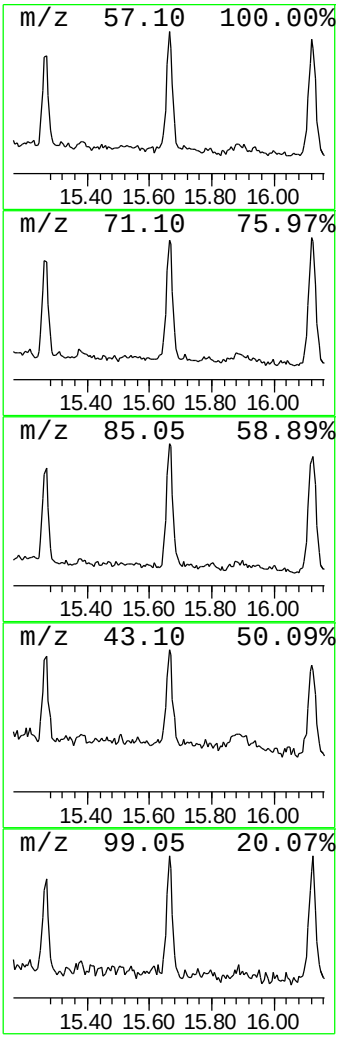
Peak Number 16 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.64 ng	123060	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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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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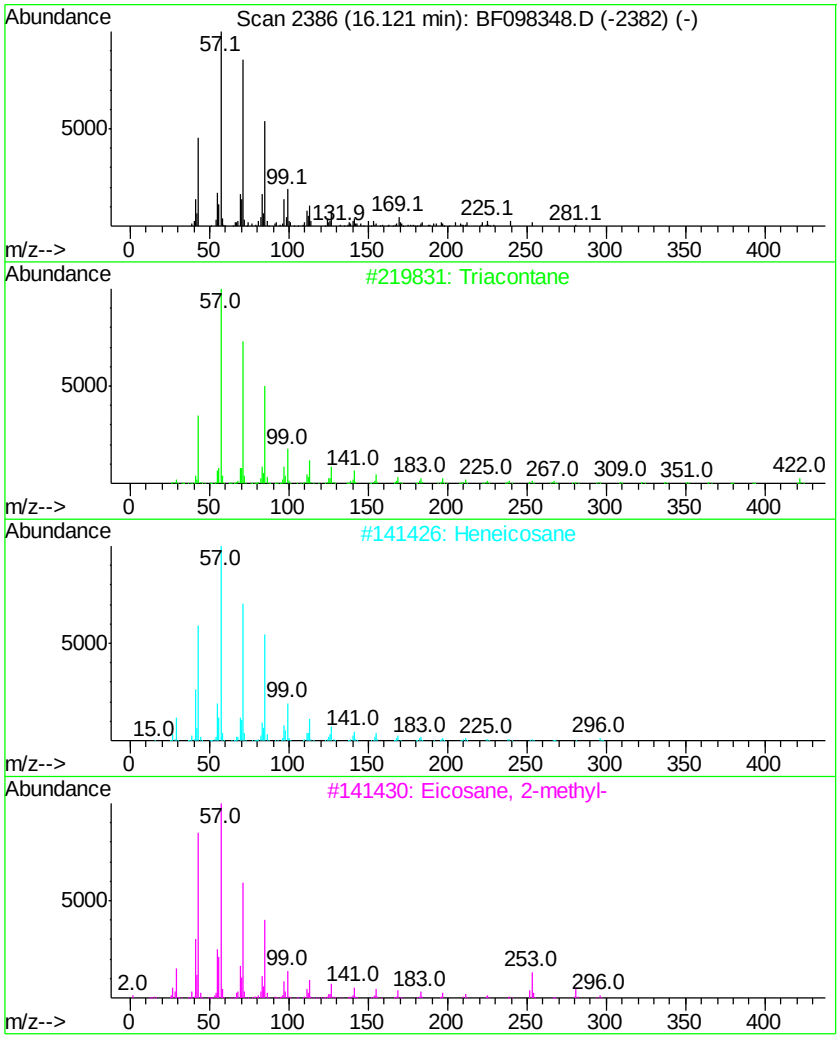
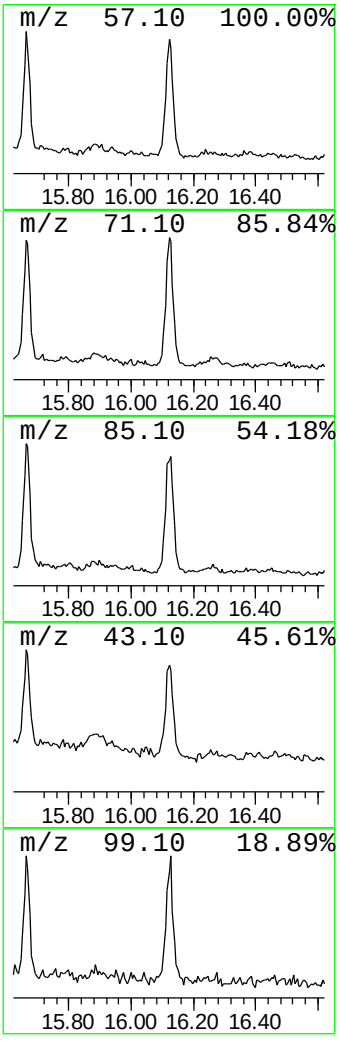
Peak Number 17 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.92 ng	200150	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





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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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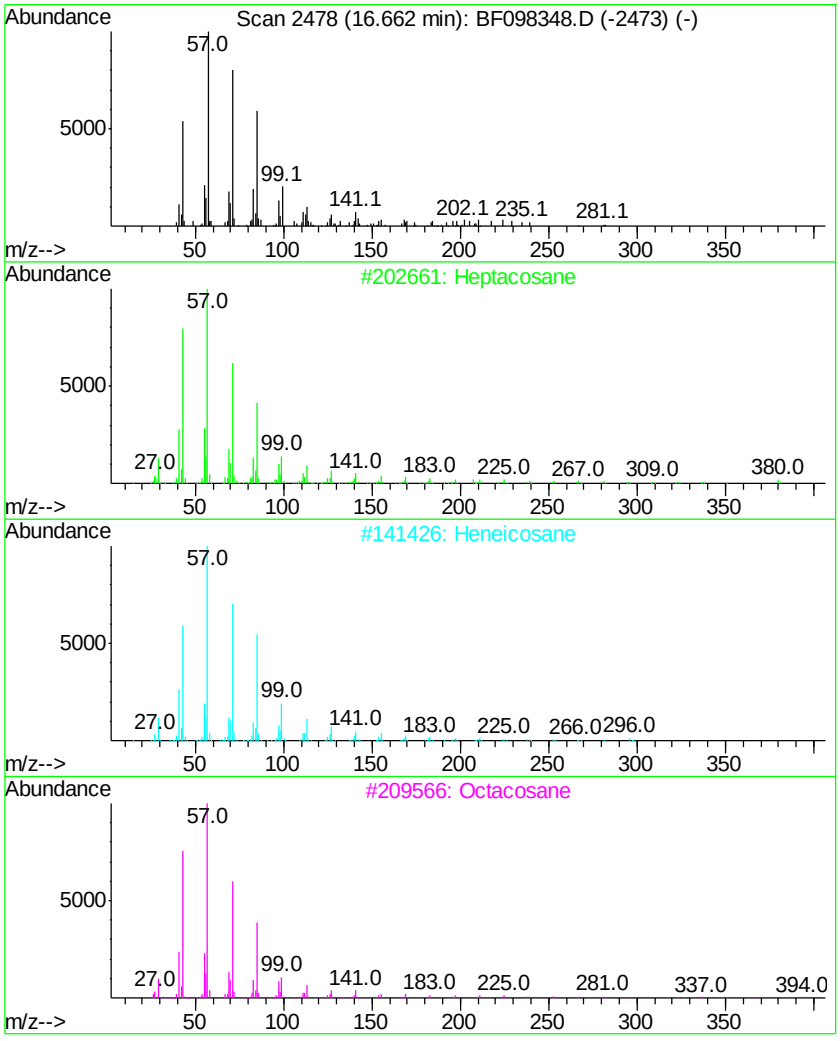
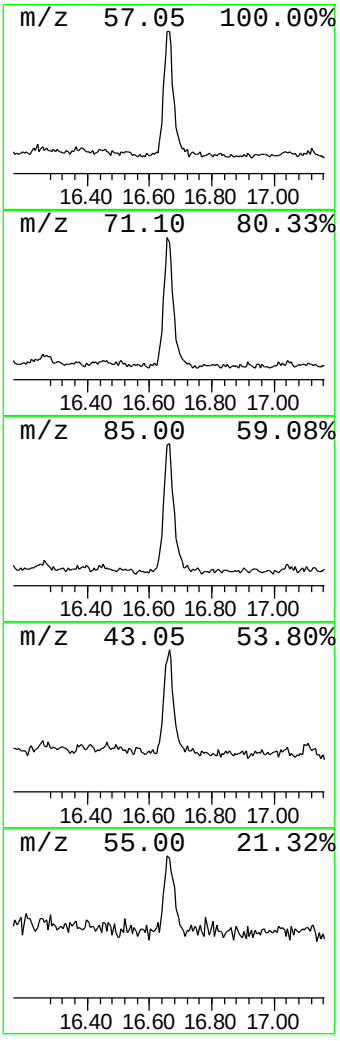
Peak Number 18 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.35 ng	180684	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5	Hentriacontane	437	C31H64	000630-04-6	86





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ClientSampleId : DRUM-1-2-COMP

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

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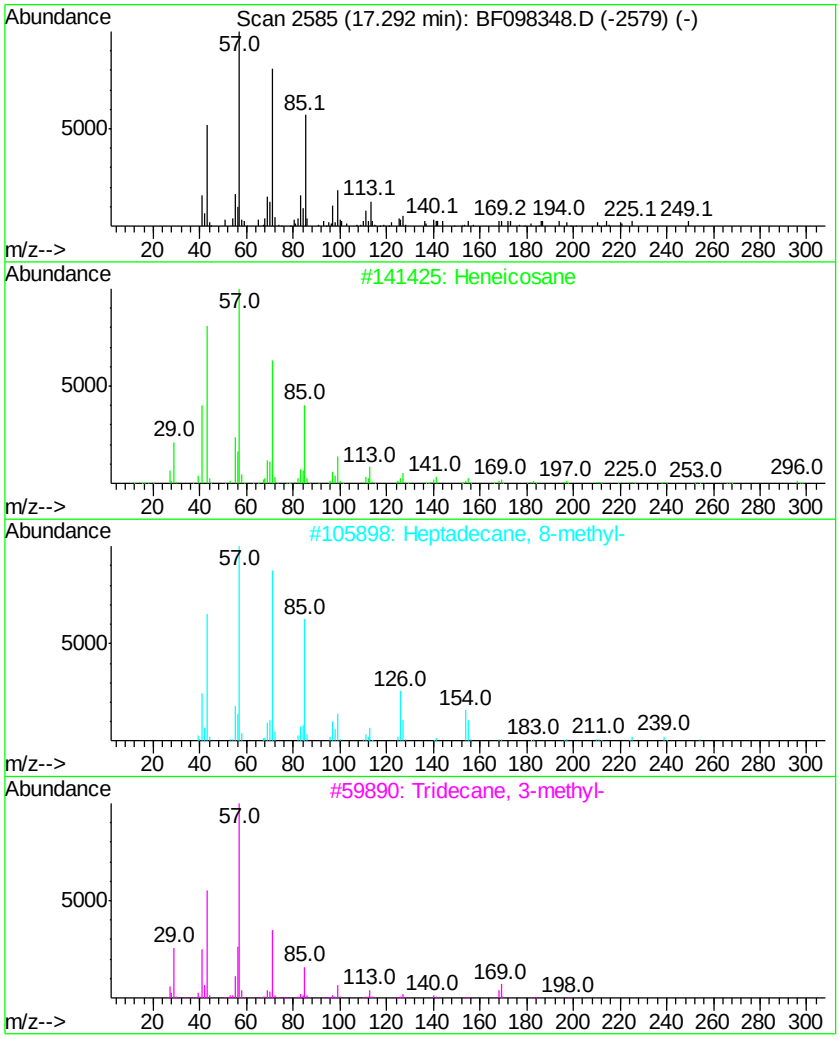
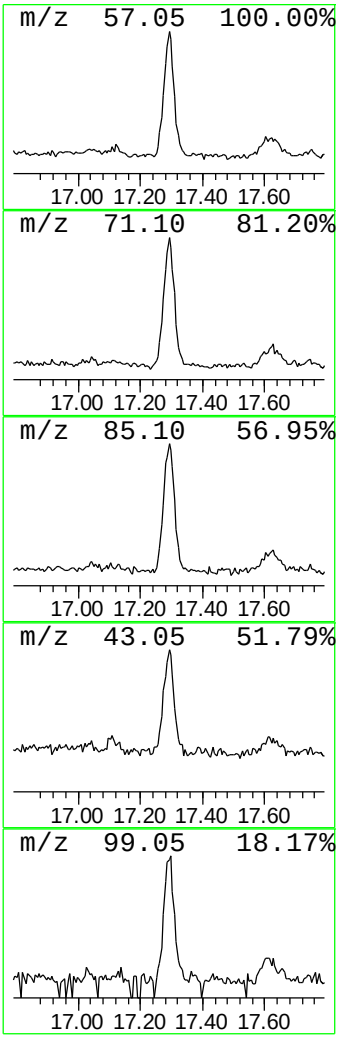
Peak Number 19 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	5.69 ng	192435	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72





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

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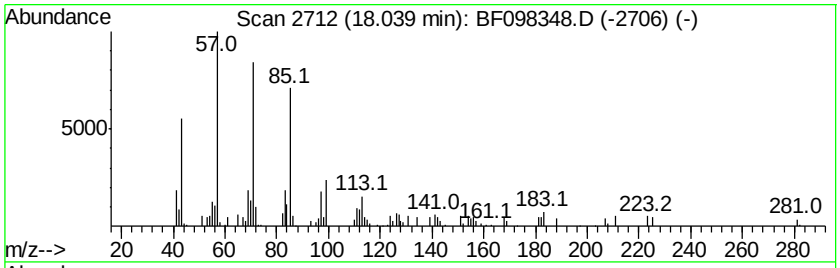
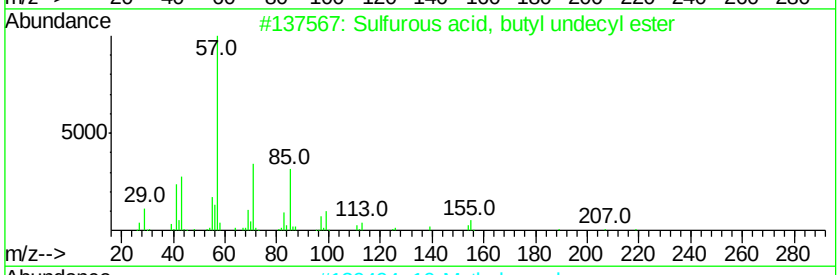
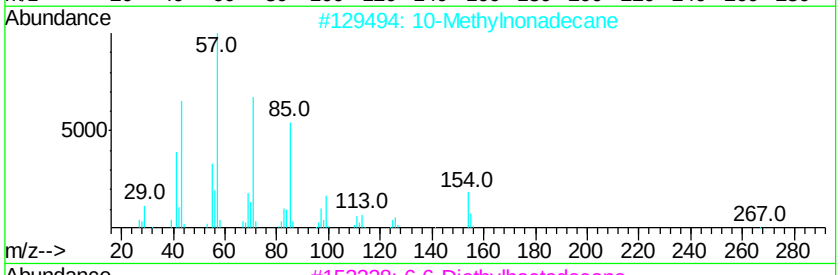
Peak Number 20 Sulfurous acid, butyl undec... Concentration Rank 18

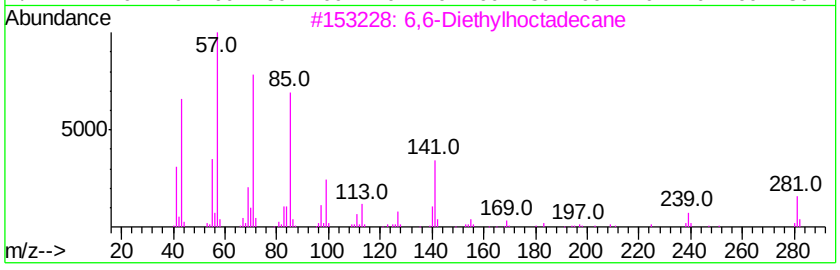
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.77 ng	127335	Perylene-d12	15.24

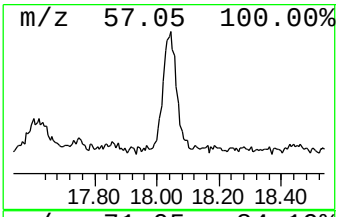
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	80
3	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	78
4	2-methyltetracosane	352	C25H52	1000376-72-6	78
5	Heneicosane	296	C21H44	000629-94-7	72

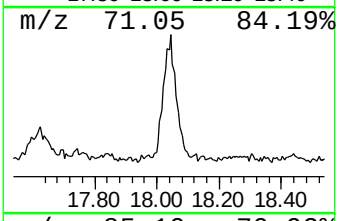


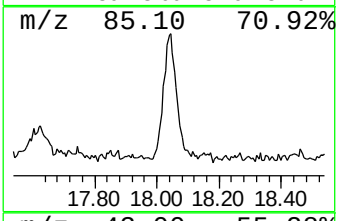


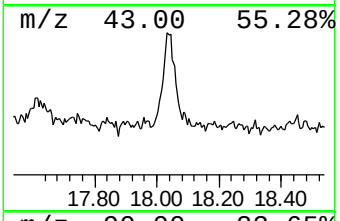


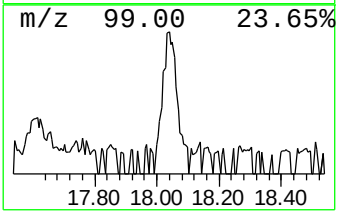












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF090817\
Data File : BF098348.D
Acq On : 8 Sep 2017 14:11
Operator : SJ/JU
Sample : I5109-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
unknown6.45	6.45	68.3	ng	2187780	1	6.68	640430	20.0
2,7-Ethanonaphth[...	9.57	4.3	ng	187639	3	9.72	874457	20.0
Naphthalene, 1,4,...	10.03	5.8	ng	255783	3	9.72	874457	20.0
1,2-Dehydro-as-hy...	10.08	6.6	ng	287120	3	9.72	874457	20.0
unknown10.14	10.14	22.1	ng	966769	3	9.72	874457	20.0
Naphthalene, 1,2,...	10.70	10.5	ng	415087	4	11.20	789924	20.0
Ethylene, 1,1-dip...	10.82	5.6	ng	221881	4	11.20	789924	20.0
unknown10.95	10.95	13.3	ng	526418	4	11.20	789924	20.0
unknown11.10	11.10	4.0	ng	159124	4	11.20	789924	20.0
1(2H)-Naphthaleno...	11.44	3.7	ng	144663	4	11.20	789924	20.0
Pyrimidine-4,6-di...	11.65	14.9	ng	587006	4	11.20	789924	20.0
unknown11.73	11.73	8.0	ng	315788	4	11.20	789924	20.0
Bicyclo[2.2.2]oct...	12.17	5.4	ng	214735	4	11.20	789924	20.0
Heptadecane	15.66	3.6	ng	123060	6	15.24	675915	20.0
Triacontane	16.12	5.9	ng	200150	6	15.24	675915	20.0
Heptacosane	16.66	5.3	ng	180684	6	15.24	675915	20.0
Heneicosane	17.29	5.7	ng	192435	6	15.24	675915	20.0
Sulfurous acid, b...	18.04	3.8	ng	127335	6	15.24	675915	20.0