LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

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-BF071620.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	3.728	272	279	287	rBV	171885	321405	10.24%	0.551%
2	5.434	564	569	572	rBV	2968646	2917661	92.99%	5.003%
3	6.451	737	742	755	rBV	2586247	2937465	93.62%	5.037%
4	6.575	761	763	767	rBV2	56600	52287	1.67%	0.090%
5	6.645	772	775	781	rBV	114474	113912	3.63%	0.195%
6	6.816	800	804	811	rBV	1067684	942777	30.05%	1.617%
7	6.886	811	816	819	rBV2	102748	164044	5.23%	0.281%
8	6.933	819	824	827	rVB4	56372	106739	3.40%	0.183%
9	7.380	890	900	903	rBV	2018151	2102416	67.00%	3.605%
10	7.410	903	905	909	rVB	106116	91277	2.91%	0.157%
11	7.463	909	914	917	rVB5	61959	86539	2.76%	0.148%
12	7.528	917	925	927	rBV4	46801	95021	3.03%	0.163%
13	7.622	938	941	944	rVB2	94532	89399	2.85%	0.153%
14	7.698	950	954	956	rBV3	54419	65649	2.09%	0.113%
15	7.739	959	961	965	rVB4	69275	76711	2.44%	0.132%
16	7.786	965	969	971	rBV2	88405	94448	3.01%	0.162%
17	7.816	971	974	976	rBV2	122892	108927	3.47%	0.187%
18	7.851	976	980	984	rVB4	89312	132440	4.22%	0.227%
19	7.892	984	987	989	rBV3	91377	83027	2.65%	0.142%
20	7.916	989	991	997	rVB3	107909	139495	4.45%	0.239%
21	7.969	997	1000	1003	rBV3	84258	112876	3.60%	0.194%
22	8.004	1003	1006	1008	rBV	100427	82899	2.64%	0.142%
23	8.051	1008	1014	1016	rBV5	128824	221071	7.05%	0.379%
24	8.098	1016	1022	1025	rBV2	1391616	1634107	52.08%	2.802%
25	8.157	1028	1032	1035	rVB	450022	536235	17.09%	0.919%
26	8.186	1035	1037	1040	rBV2	187983	215689	6.87%	0.370%
27	8.269	1044	1051	1053	rBV3	190054	356640	11.37%	0.612%
28	8.298	1053	1056	1059	rVB4	192773	203591	6.49%	0.349%
29	8.339	1059	1063	1067	rBV5	130391	247305	7.88%	0.424%
30	8.392	1067	1072	1074	rBV4	478779	616236	19.64%	1.057%
31	8.445	1078	1081	1084	rVB3	387152	347602	11.08%	0.596%
32	8.480	1084	1087	1090	rBV3	411955	433454	13.81%	0.743%
33	8.522	1090	1094	1096	rBV	850331	796447	25.38%	1.366%
34	8.539	1096	1097	1099	rVB	255235	152407	4.86%	0.261%

LSC Area Percent Report

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Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.563	1099	1101	1104	rVB2	228350	187544	5.98%	0.322%
36	8.604	1104	1108	1110	rBV2	485491	485764	15.48%	0.833%
37	8.639	1110	1114	1116	rBV3	97039	128844	4.11%	0.221%
38	8.692	1119	1123	1126	rBV	1617397	1436934	45.80%	2.464%
39	8.757	1132	1134	1136	rVB2	199677	154829	4.93%	0.265%
40	8.786	1136	1139	1142	rVB3	536251	653927	20.84%	1.121%
41	8.816	1142	1144	1146	rVB3	133325	90246	2.88%	0.155%
42	8.851	1148	1150	1152	rBV2	219729	198388	6.32%	0.340%
43	8.922	1152	1162	1166	rBV7	811424	1350576	43.04%	2.316%
44	8.975	1169	1171	1175	rBV5	448790	485203	15.46%	0.832%
45	9.057	1181	1185	1188	rVB4	571812	714707	22.78%	1.226%
46	9.098	1189	1192	1193	rBV	459051	357451	11.39%	0.613%
47	9.122	1193	1196	1201	rVB3	1278135	1142531	36.41%	1.959%
48	9.175	1201	1205	1208	rBV	3254012	3104560	98.94%	5.323%
49	9.216	1209	1212	1214	rVB2	373803	305051	9.72%	0.523%
50	9.257	1215	1219	1223	rBV	2030960	2203535	70.23%	3.778%
51	9.327	1228	1231	1234	rVV2	690578	813650	25.93%	1.395%
52	9.374	1237	1239	1243	rVB4	195348	160644	5.12%	0.275%
53	9.492	1256	1259	1261	rBV3	456375	592084	18.87%	1.015%
54	9.510	1261	1262	1264	rVV2	553235	518818	16.53%	0.890%
55	9.533	1264	1266	1269	rVV3	726391	688567	21.94%	1.181%
56	9.580	1269	1274	1276	rVV3	1776991	2547554	81.19%	4.368%
57	9.604	1276	1278	1281	rVV3	850290	881526	28.09%	1.512%
58	9.633	1281	1283	1286	rVV2	715140	678486	21.62%	1.163%
59	9.669	1286	1289	1295	rVB5	475199	707328	22.54%	1.213%
60	9.763	1302	1305	1307	rBV4	402400	547029	17.43%	0.938%
61	9.786	1307	1309	1313	rVV	1721742	1560331	49.73%	2.676%
62	9.827	1314	1316	1318	rVV2	444012	527722	16.82%	0.905%
63	9.857	1318	1321	1323	rVB	1311408	1308140	41.69%	2.243%
64	9.963	1336	1339	1342	rBV2	551233	576117	18.36%	0.988%
65	10.016	1346	1348	1351	rBV3	340958	445696	14.20%	0.764%
66	10.110	1360	1364	1367	rBV3	891873	1105960	35.25%	1.896%
67	10.186	1372	1377	1381	rBV6	657486	1150881	36.68%	1.973%
68	10.227	1382	1384	1388	rVB2	397316	428785	13.67%	0.735%
69	10.286	1391	1394	1397	rVB	1211441	1091972	34.80%	1.872%
70	10.510	1428	1432	1437	rVB	1546371	1681302	53.58%	2.883%
71	10.598	1444	1447	1449	rBV2	353099	419348	13.36%	0.719%

LSC Area Percent Report

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Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.645	1450	1455	1458	rVV2	1422725	1701246	54.22%	2.917%
73	10.780	1472	1478	1484	rBV	2110992	3137745	100.00%	5.380%
74	11.216	1549	1552	1553	rBV	580146	517823	16.50%	0.888%
75	11.245	1554	1557	1562	rVB	1978460	2315231	73.79%	3.970%
76	11.345	1571	1574	1579	rBV3	989015	1398276	44.56%	2.398%
77	11.592	1614	1616	1619	rVB	789405	696794	22.21%	1.195%
78	11.639	1622	1624	1627	rVB	610835	440851	14.05%	0.756%

Sum of corrected areas: 58318194

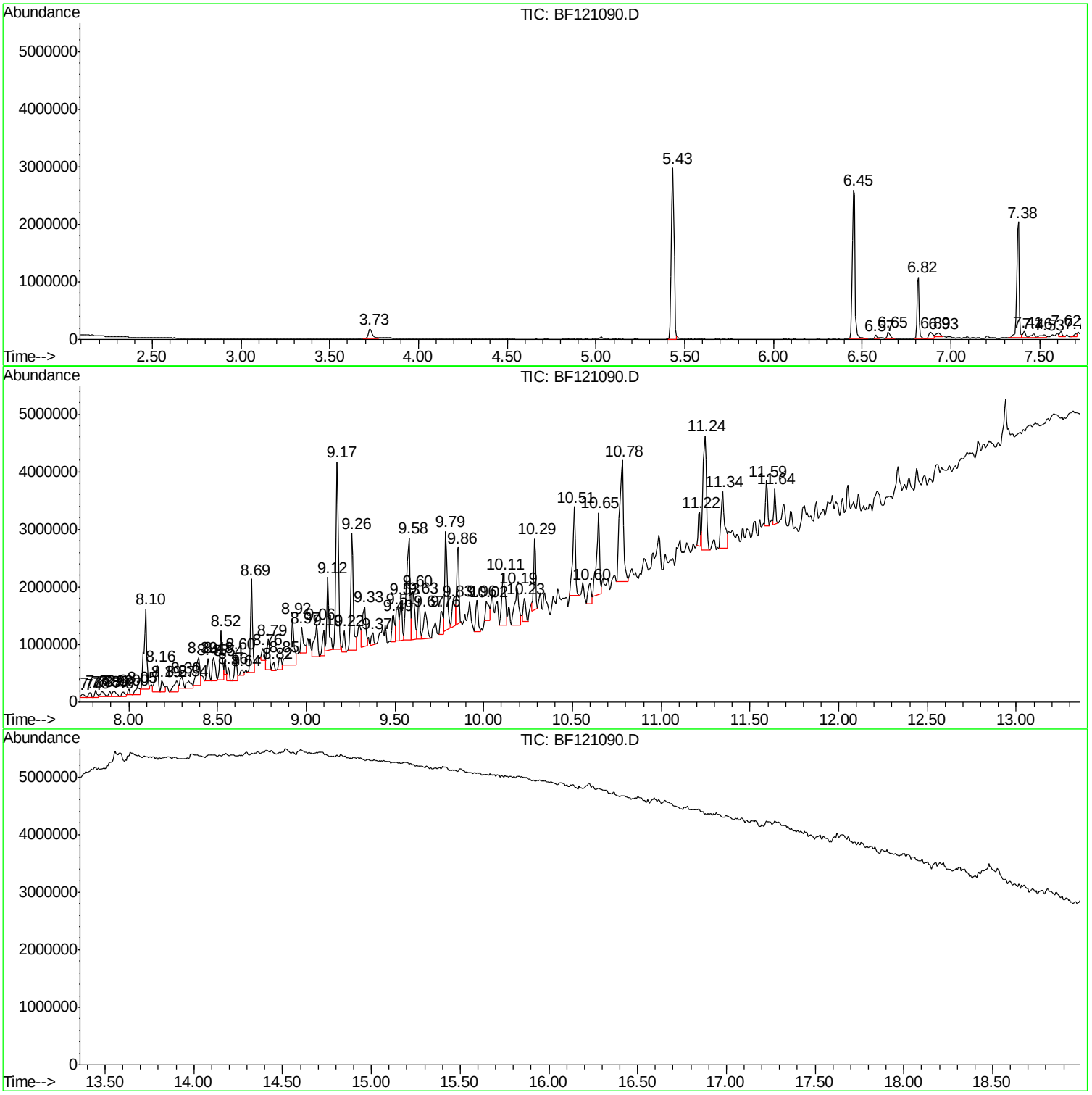
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

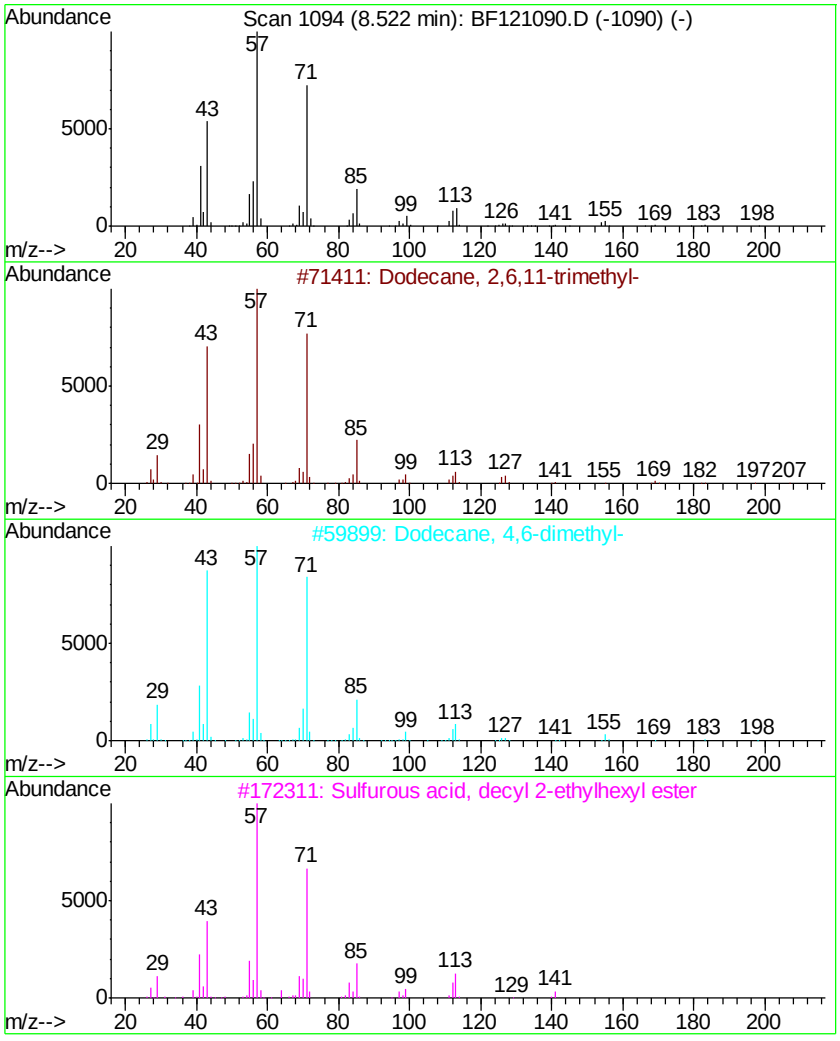
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

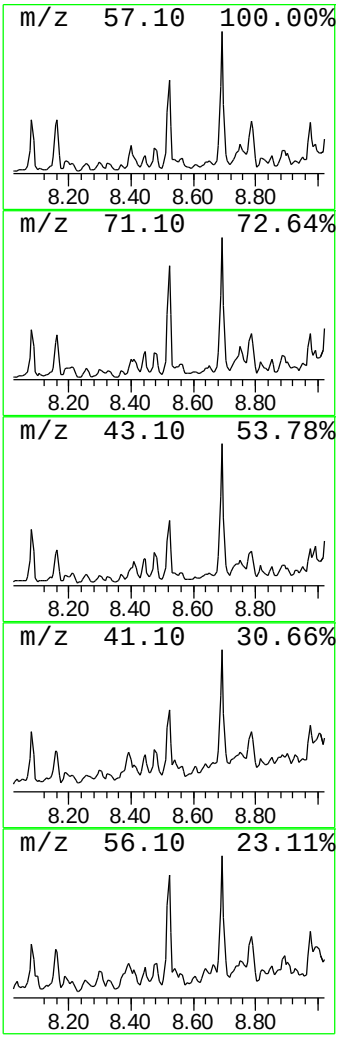
****

Peak Number 1 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	9.75 ng	796447	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Nonane, 5-propyl-	170	C12H26	000998-35-6	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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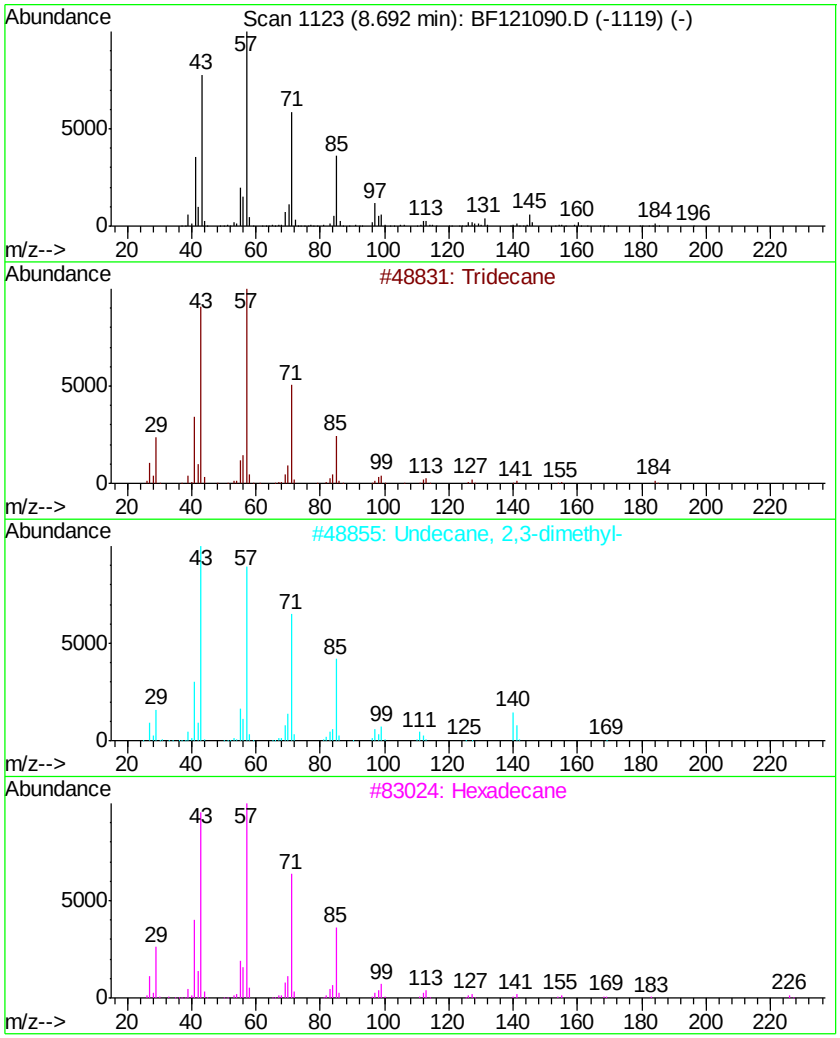
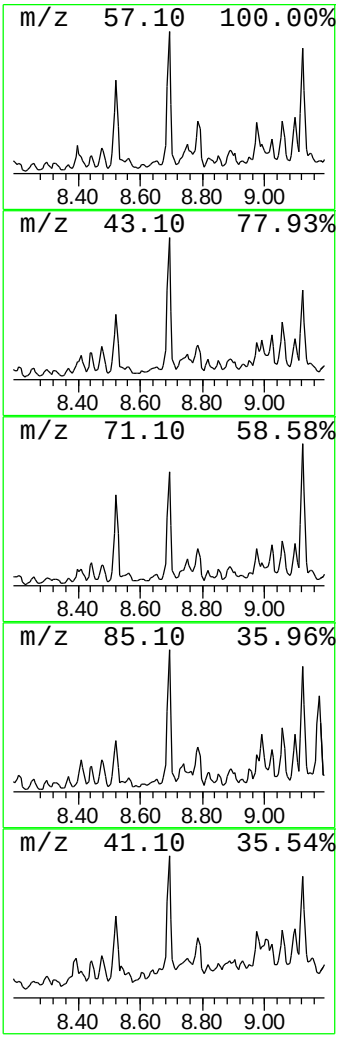
Peak Number 2 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	17.59 ng	1436930	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3	Hexadecane	226	C16H34	000544-76-3	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
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Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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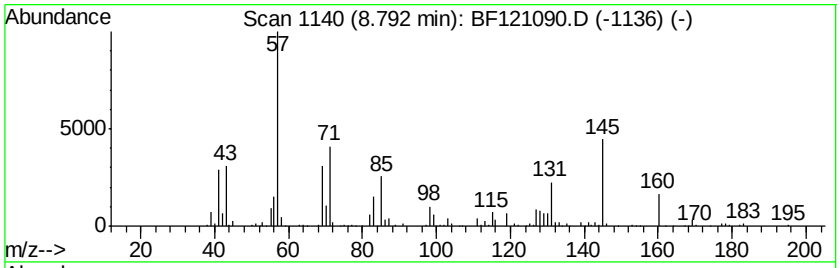
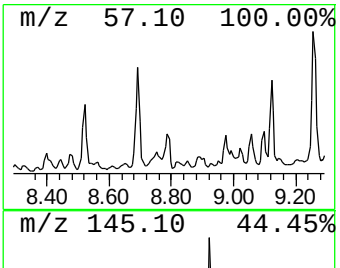
Peak Number 3 unknown8.79 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	8.00 ng	653927	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
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Sample : L3408-02
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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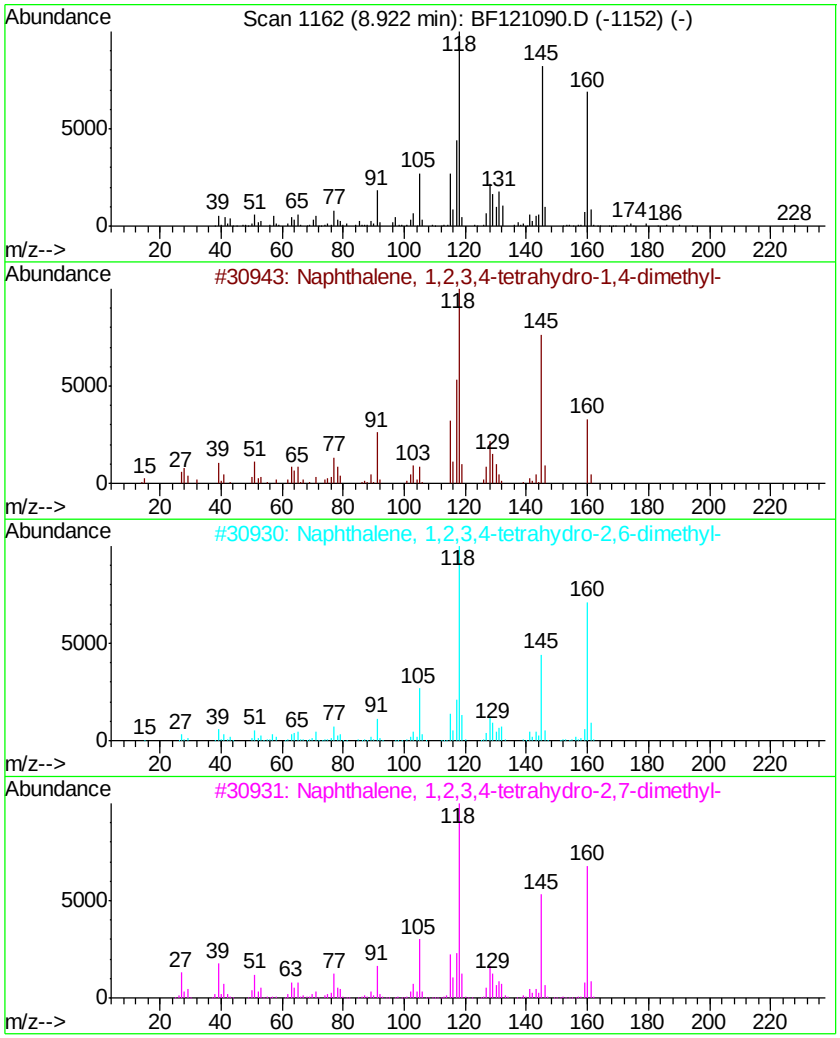
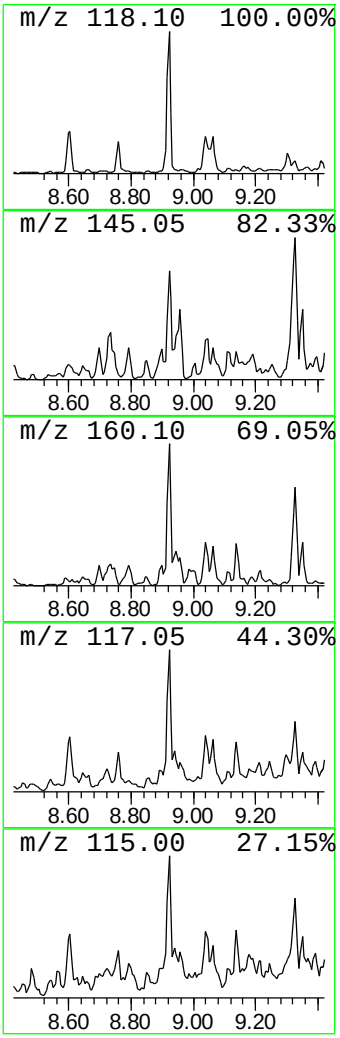
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	16.53 ng	1350580	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58





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Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

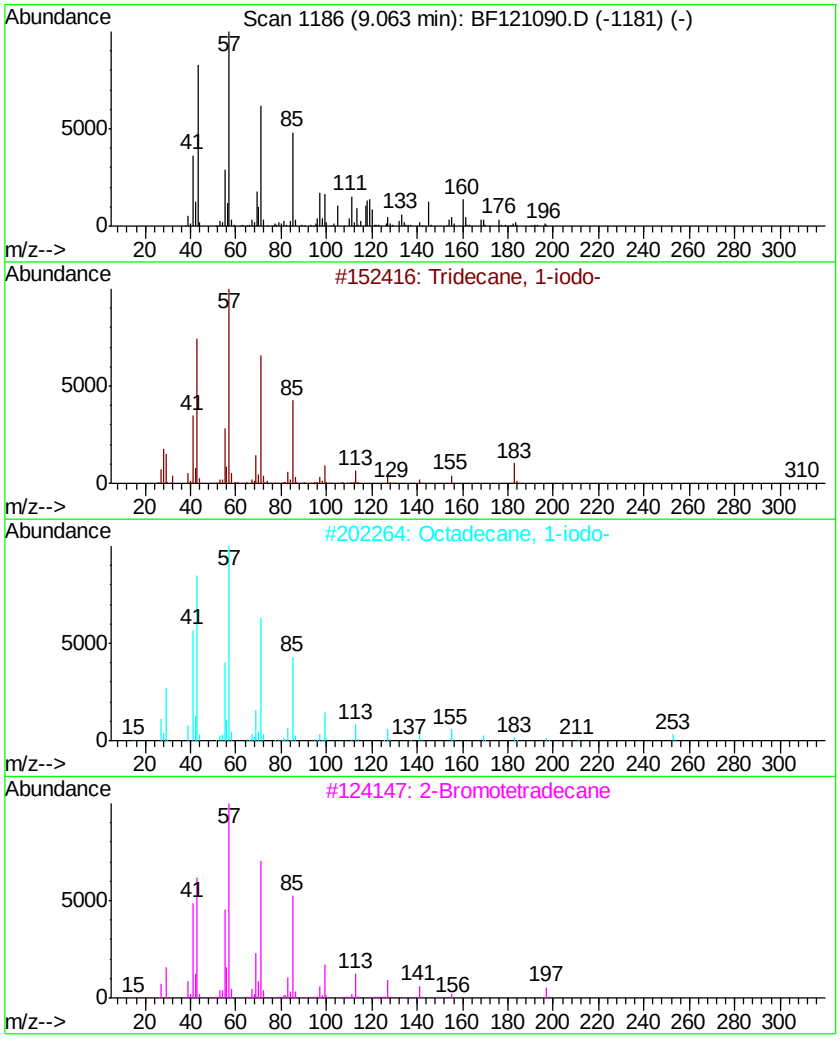
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

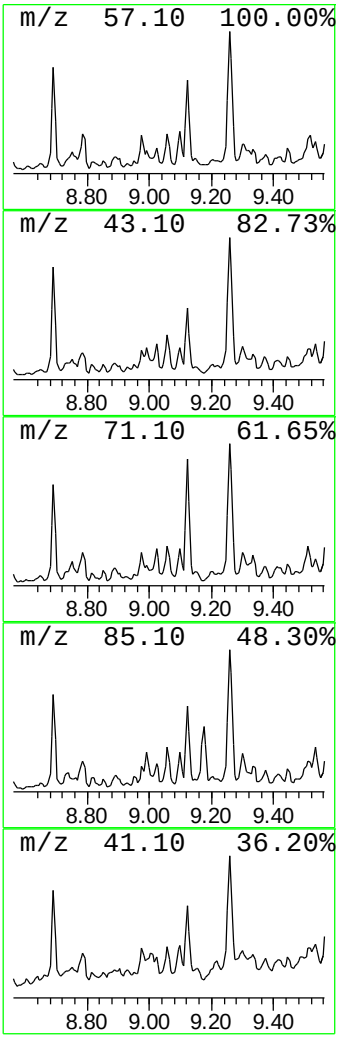
****

Peak Number 5 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	10.93 ng	714707	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	53
4	Undecane, 3-ethyl-	184	C13H28	017312-58-2	53
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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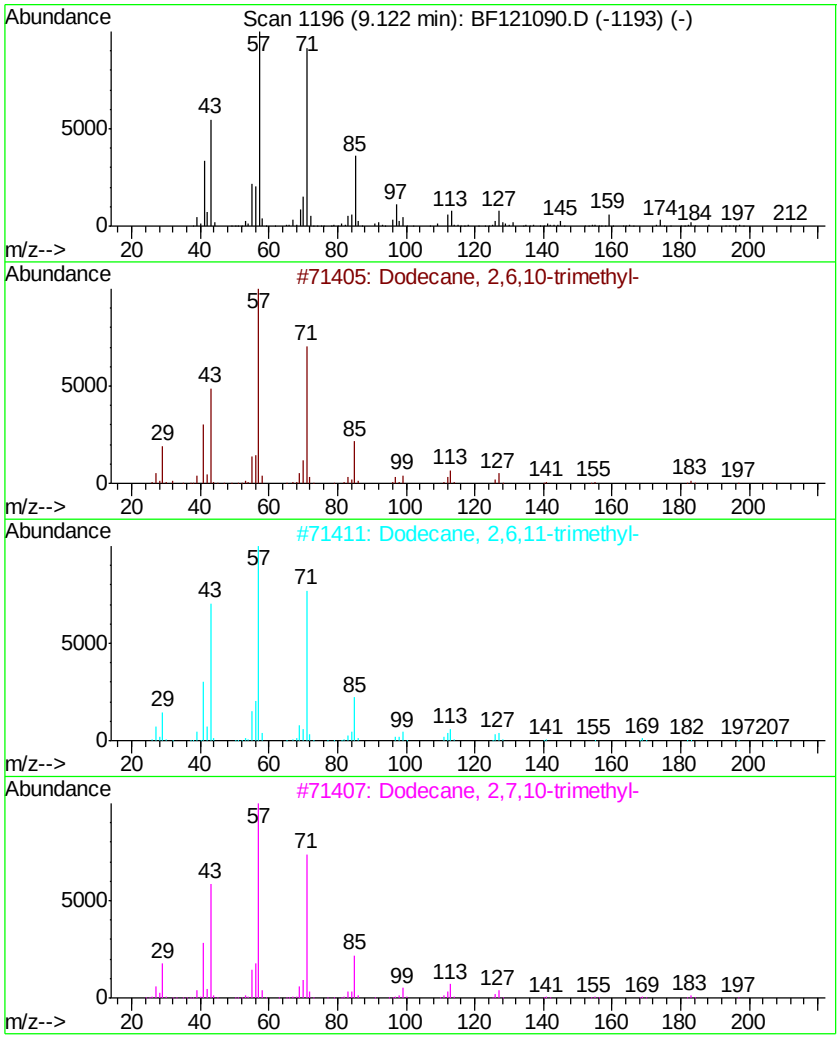
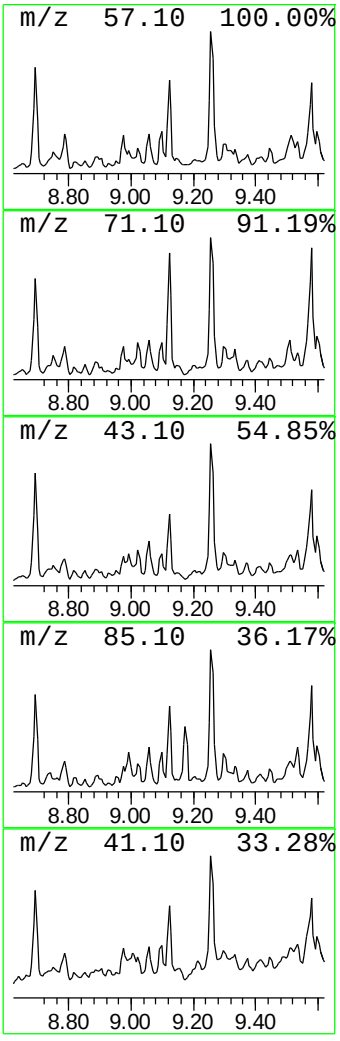
Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	17.47 ng	1142530	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





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Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

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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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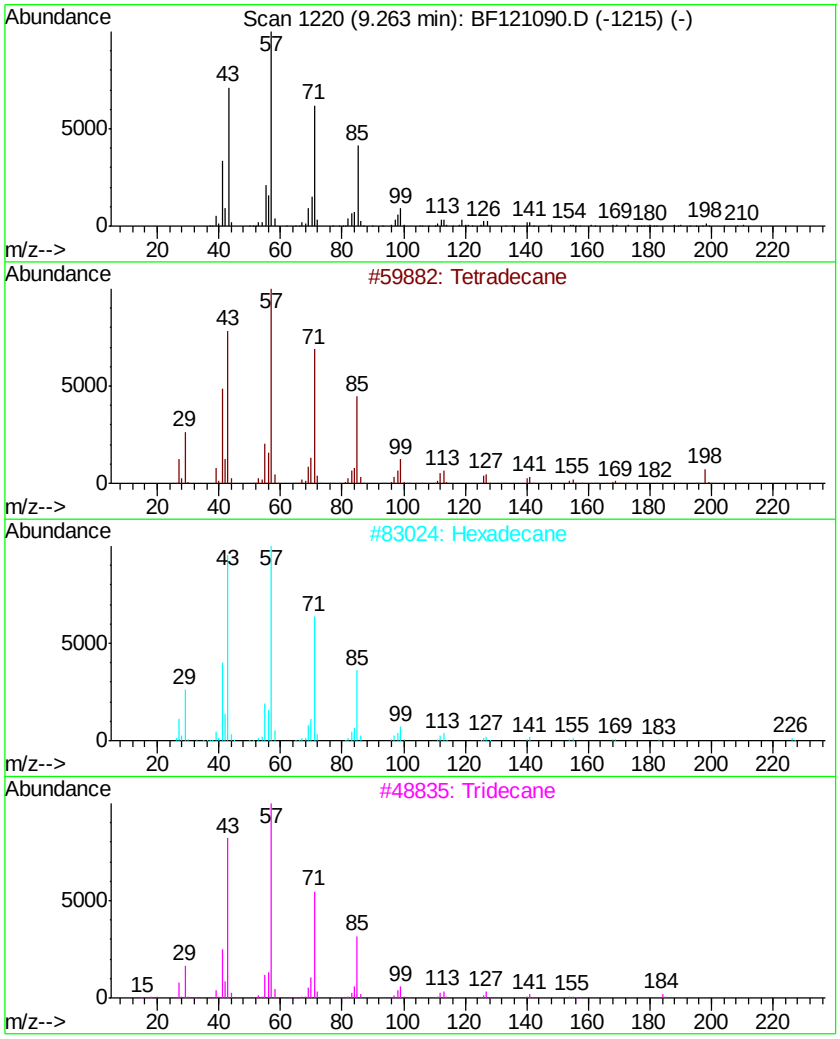
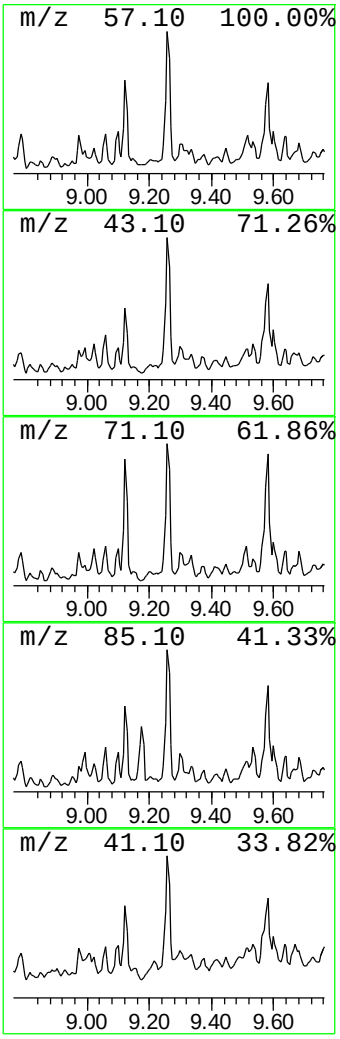
Peak Number 7 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	33.69 ng	2203540	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64





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Instrument : BNA_F
ClientSampleId : PS-DRUM

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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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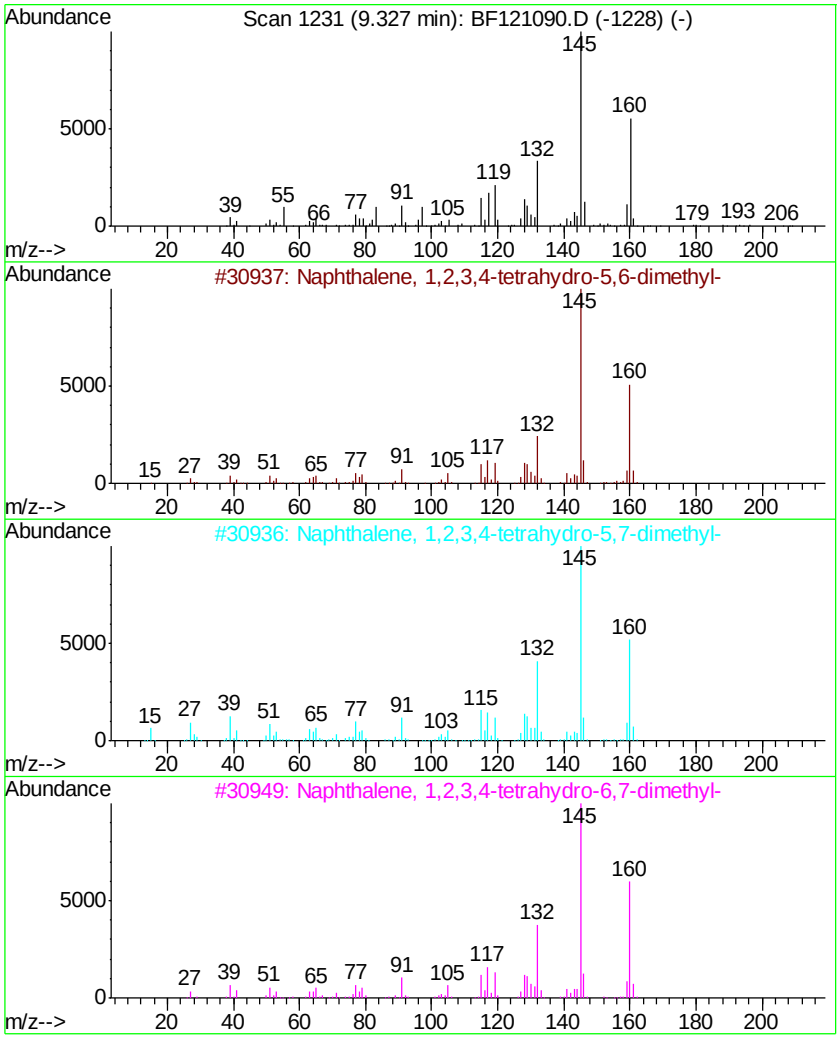
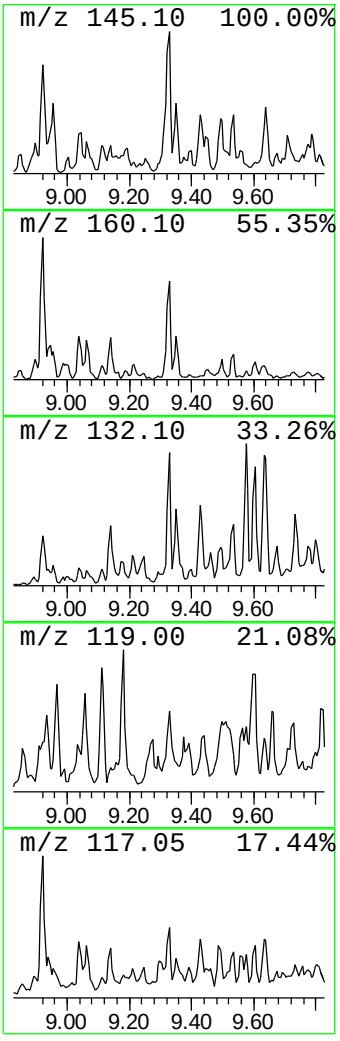
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	12.44 ng	813650	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76





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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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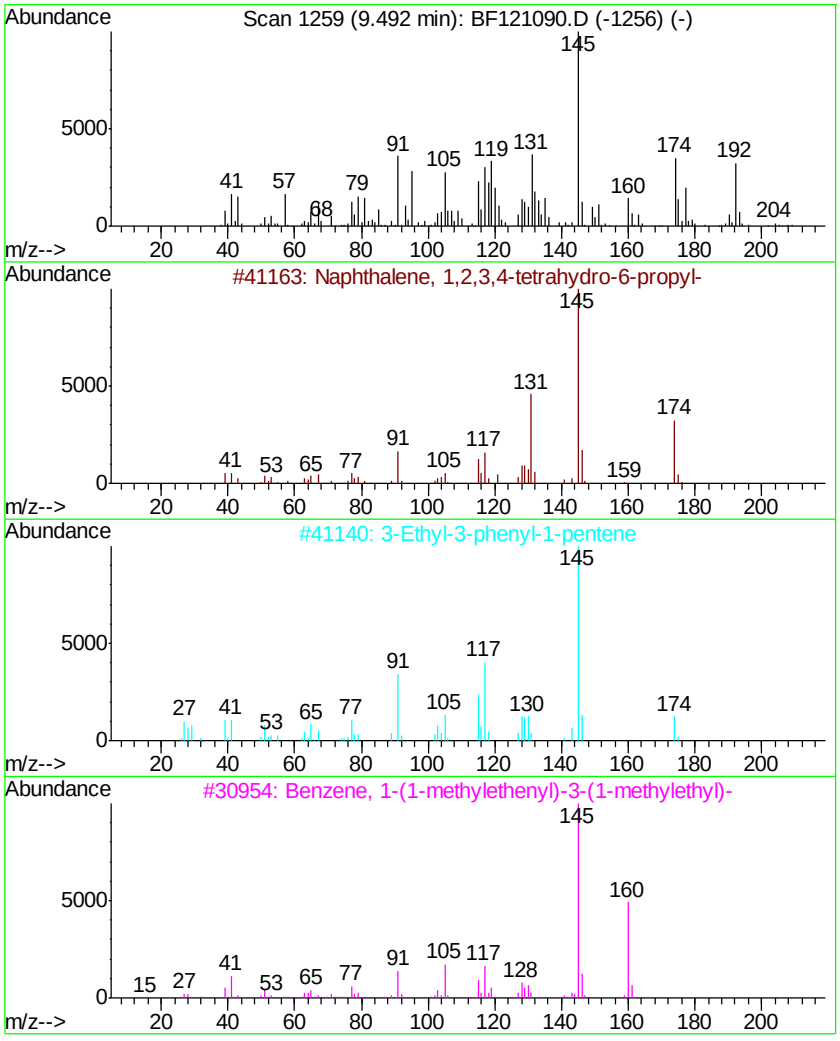
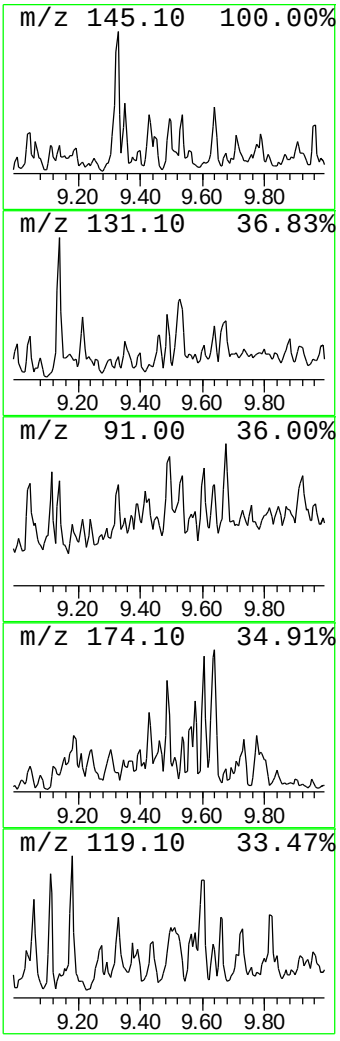
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	9.05 ng	592084	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	50
2	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	46
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	42
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	42





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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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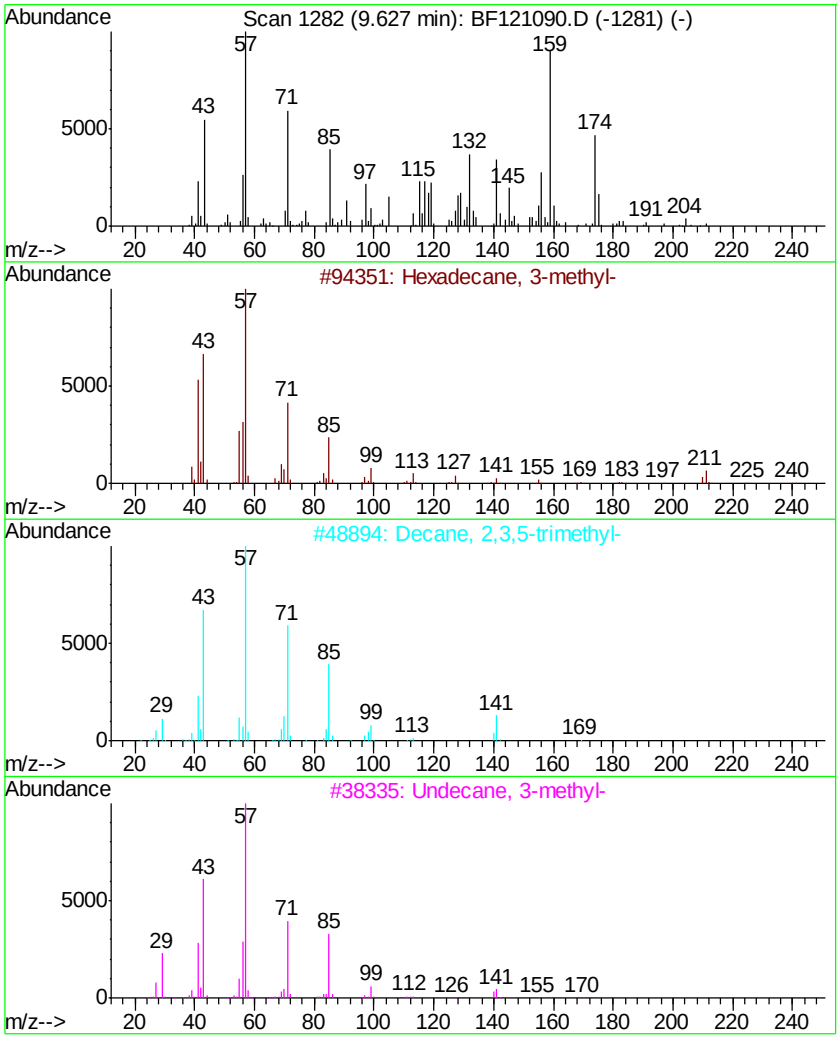
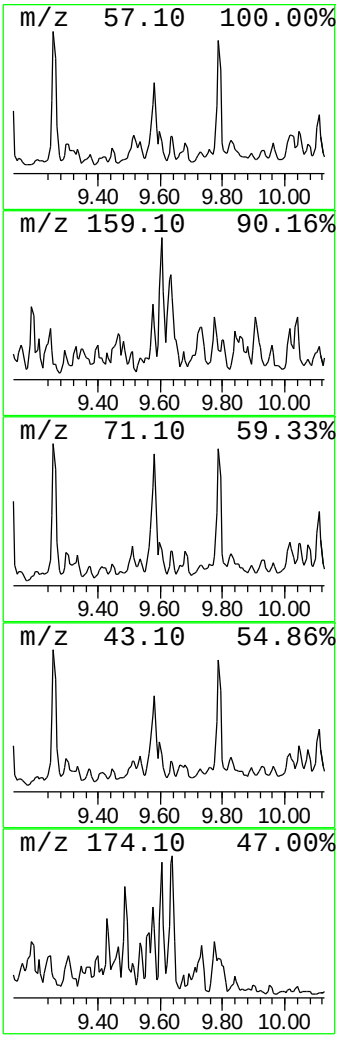
Peak Number 10 unknown9.63 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	10.37 ng	678486	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	22
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	22
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4	Triacontane	422	C30H62	000638-68-6	22
5	Undecane	156	C11H24	001120-21-4	22





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Sample : L3408-02
Misc :
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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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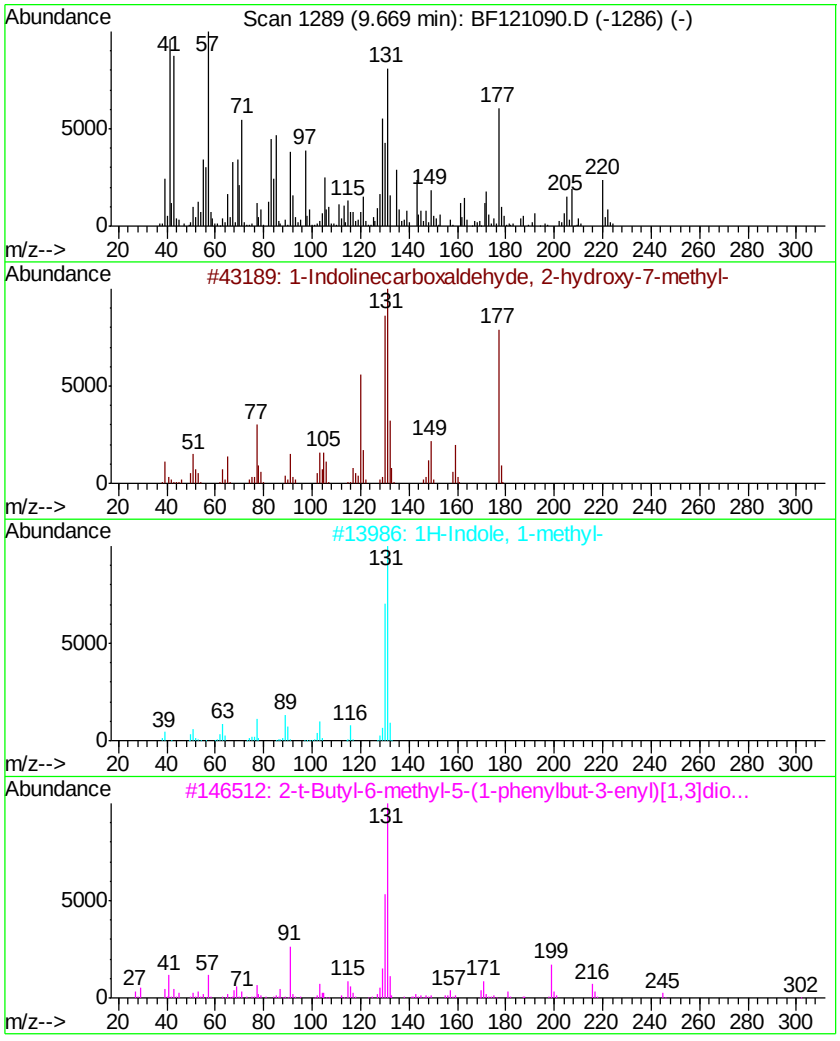
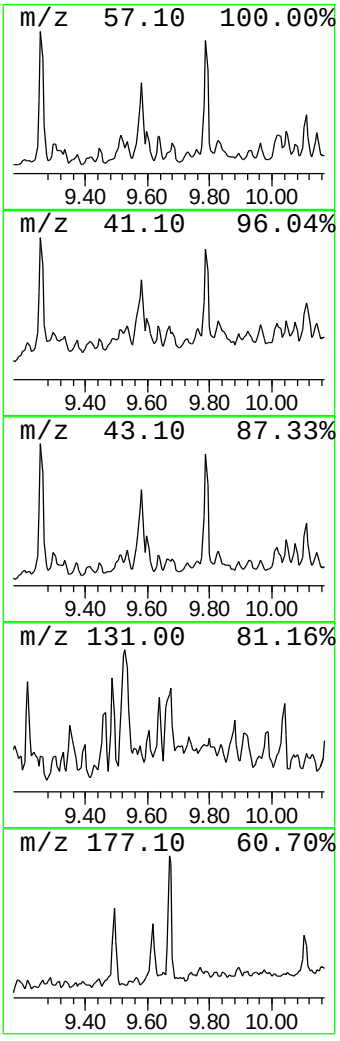
Peak Number 11 unknown9.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	10.81 ng	707328	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indolinecarboxaldehyde, 2-hydr...	177	C10H11NO2	022614-65-9	22
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	22
3	2-t-Butyl-6-methyl-5-(1-phenylbu...	302	C19H26O3	1000194-83-9	12
4	Ethyl 2-benzylacetoacetate	220	C13H16O3	000620-79-1	12
5	4,5-Diphenylocta-1,7-diene(dl)	262	C20H22	1000215-92-8	12





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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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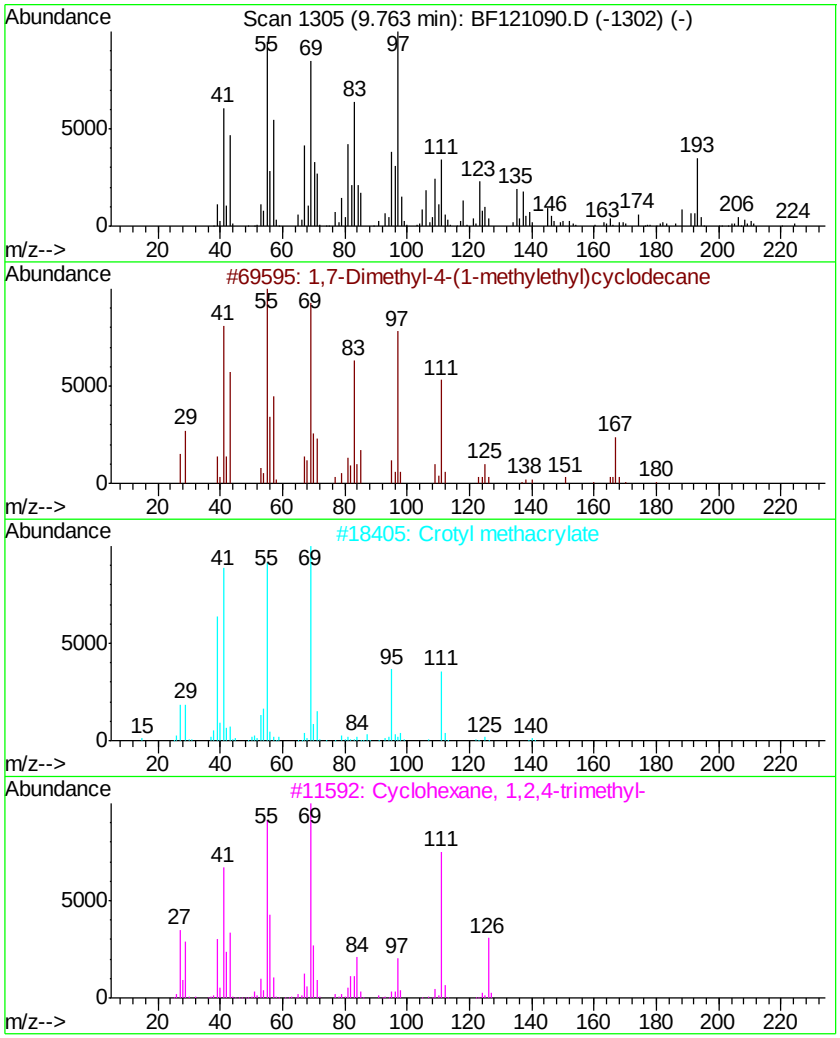
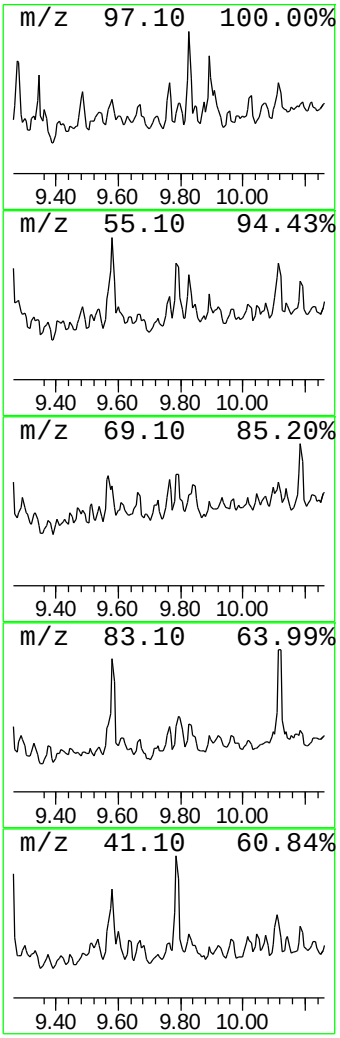
Peak Number 12 unknown9.76 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	8.36 ng	547029	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
2	Crotyl methacrylate	140	C8H12O2	007376-45-6	30
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
4	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	14
5	Triallylsilane	152	C9H16Si	001116-62-7	14





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ClientSampleId : PS-DRUM

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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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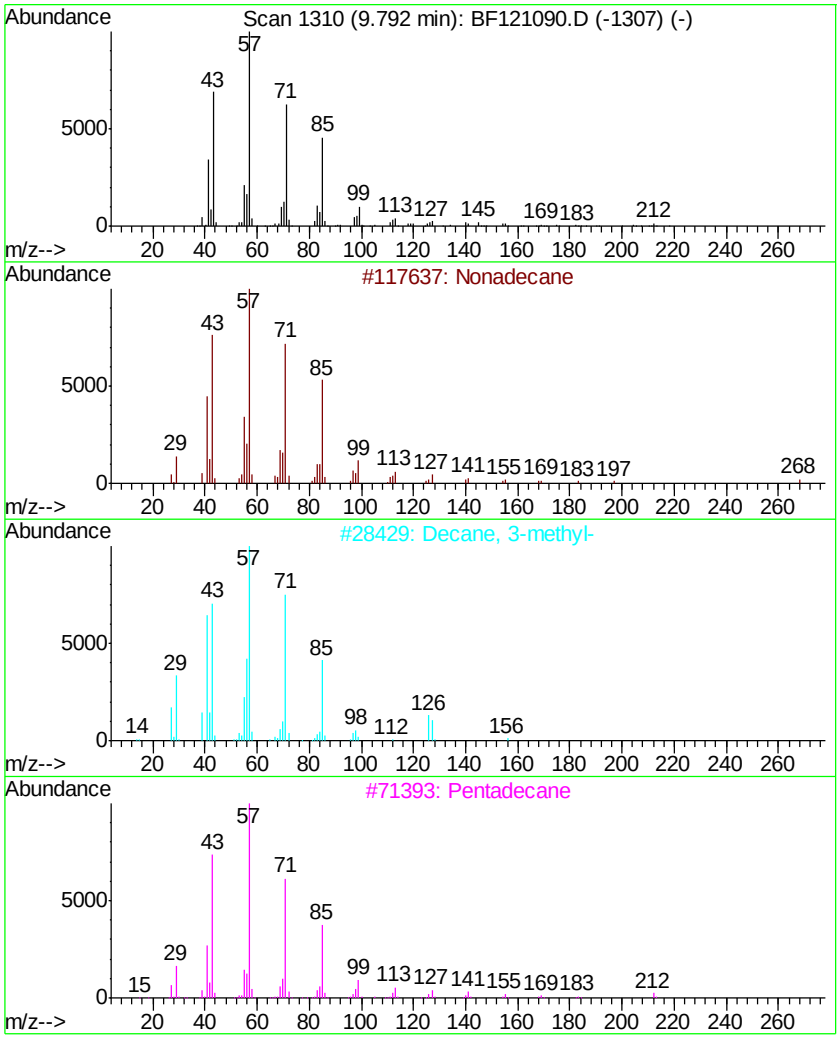
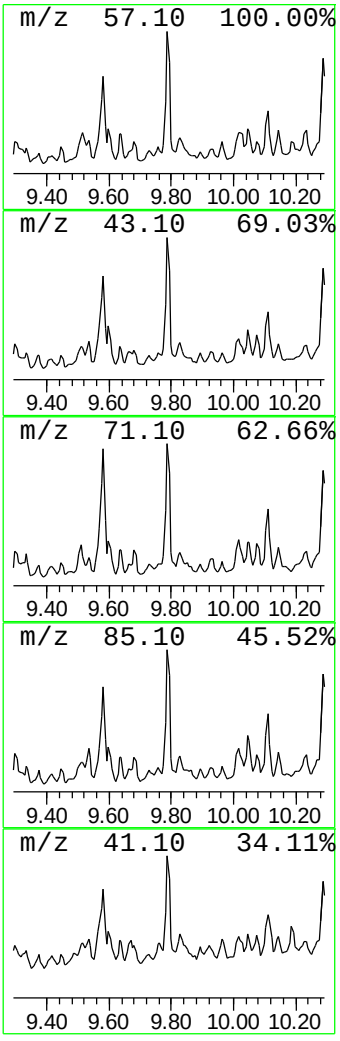
Peak Number 13 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	23.86 ng	1560330	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	9-methylheptadecane	254	C18H38	026741-18-4	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	74





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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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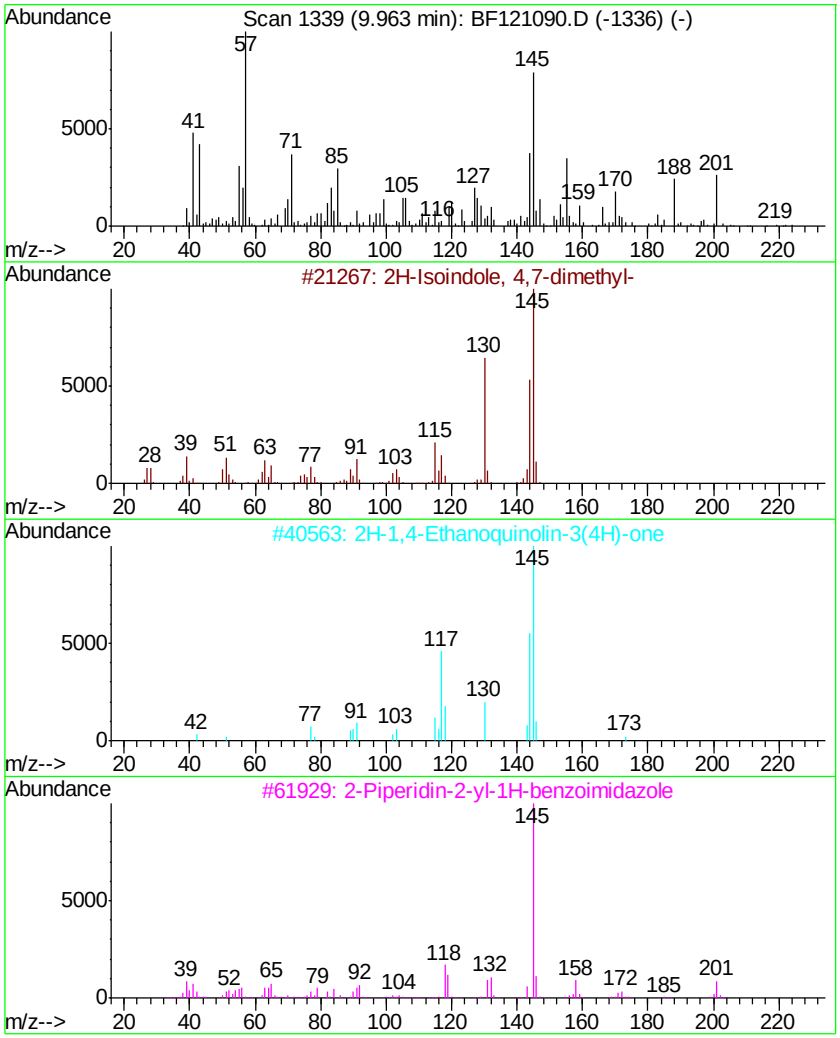
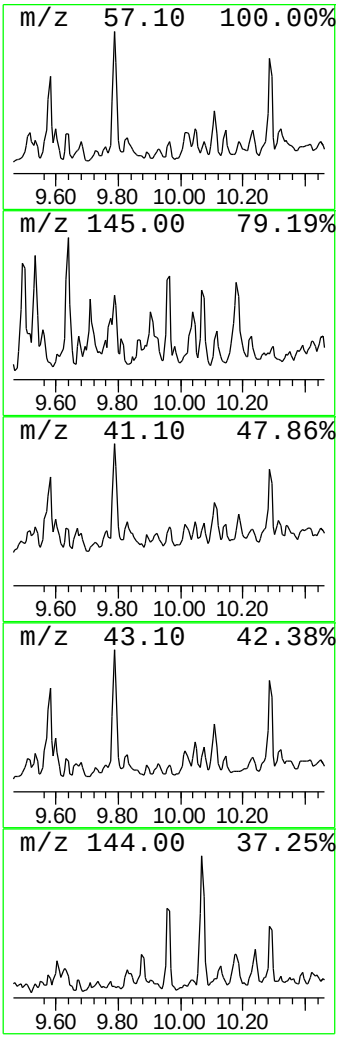
Peak Number 14 unknown9.96 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	8.81 ng	576117	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	35
2	2H-1,4-Ethanoquinolin-3(4H)-one	173	C11H11NO	024562-79-6	35
3	2-Piperidin-2-yl-1H-benzoimidazole	201	C12H15N3	051785-23-0	35
4	1H-Indole-4-carboxaldehyde	145	C9H7NO	001074-86-8	35
5	5-Hydroxymethyl-2,2,5-trimethyl-...	160	C8H16O3	003663-46-5	35





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

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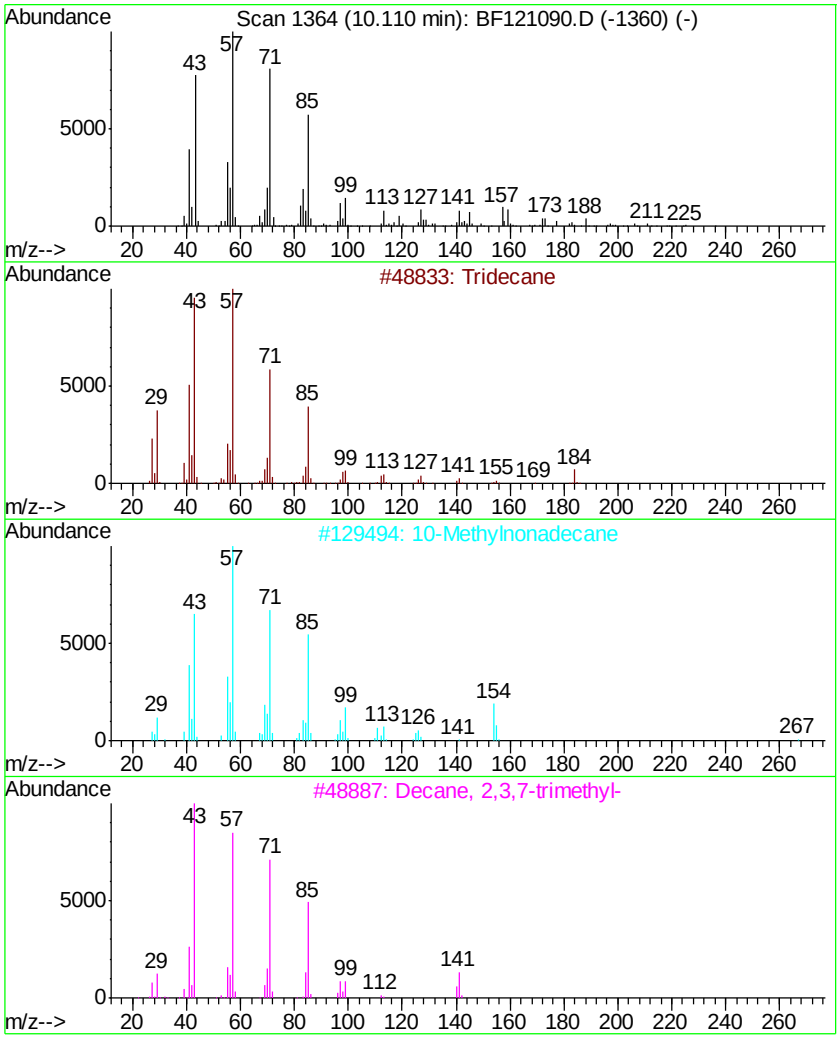
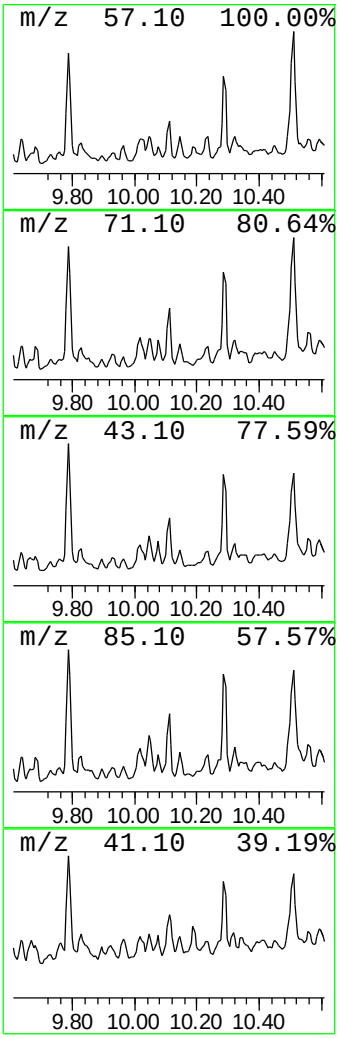
Peak Number 15 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	16.91 ng	1105960	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	10-Methylnonadecane	282	C20H42	056862-62-5	72
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Tetratetracontane	619	C44H90	007098-22-8	64





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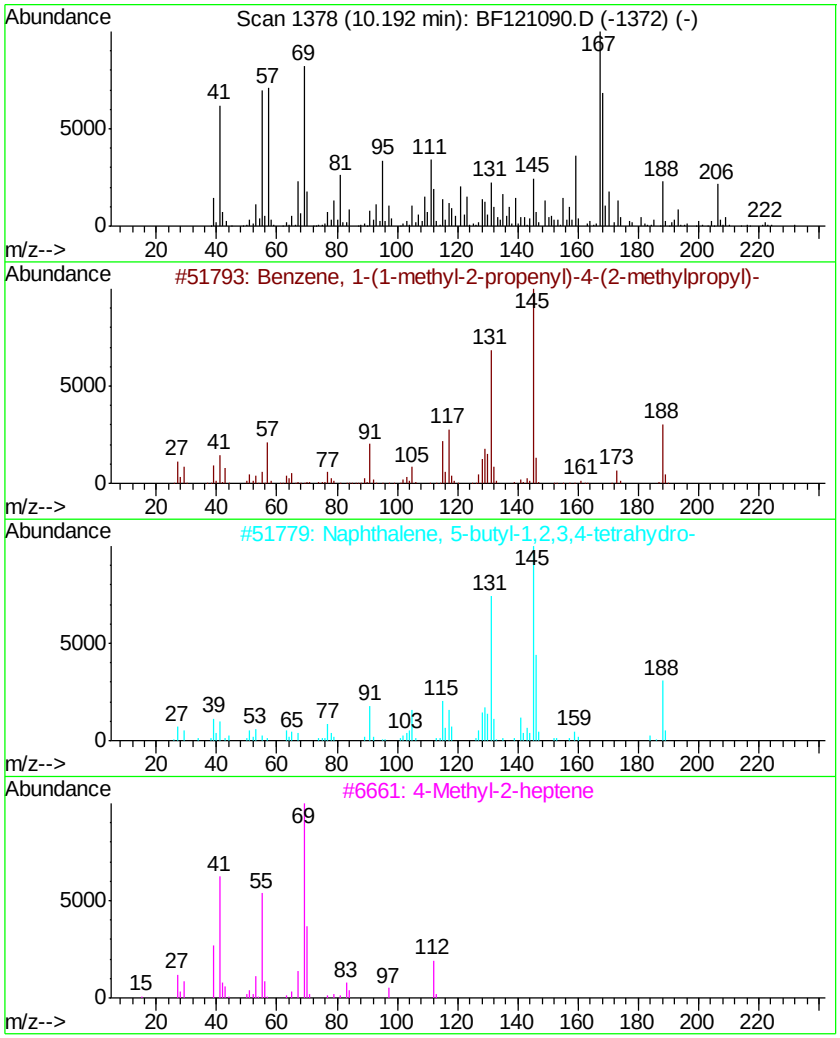
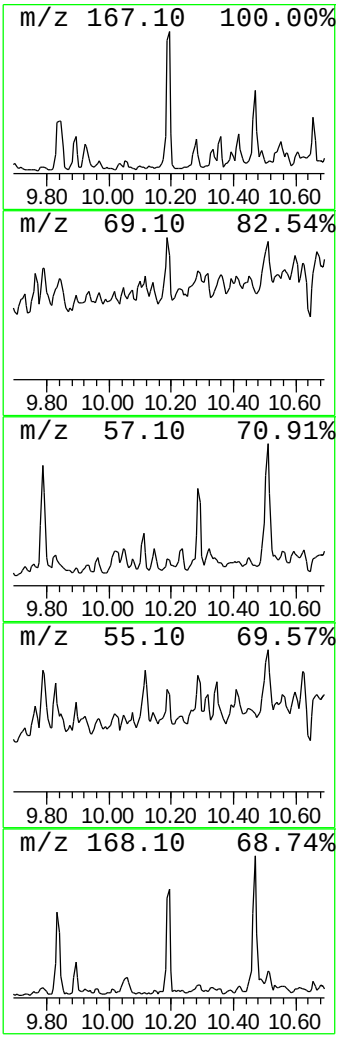
Peak Number 16 unknown10.19 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	17.60 ng	1150880	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methyl-2-propenyl)...	188	C14H20	057438-46-7	15
2	Naphthalene, 5-butyl-1,2,3,4-tet...	188	C14H20	066325-42-6	15
3	4-Methyl-2-heptene	112	C8H16	003404-56-6	15
4	4-Allyl-1,6-heptadiene-4-ol	152	C10H16O	010202-75-2	14
5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	14





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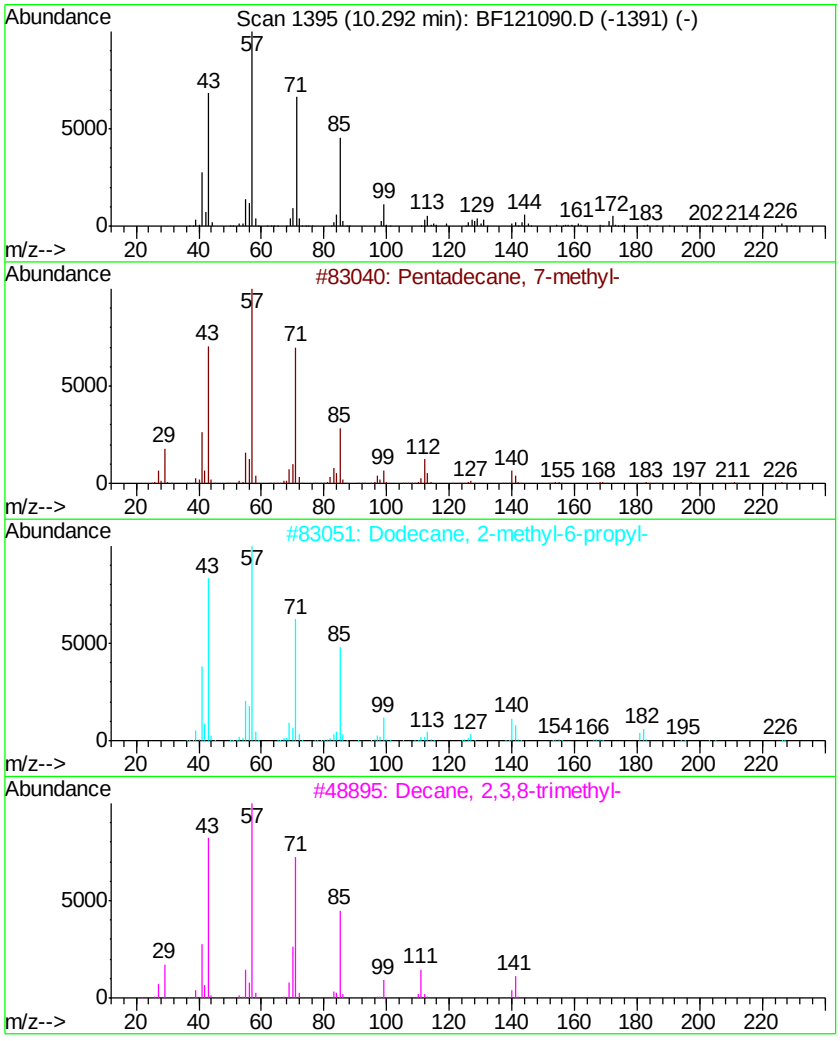
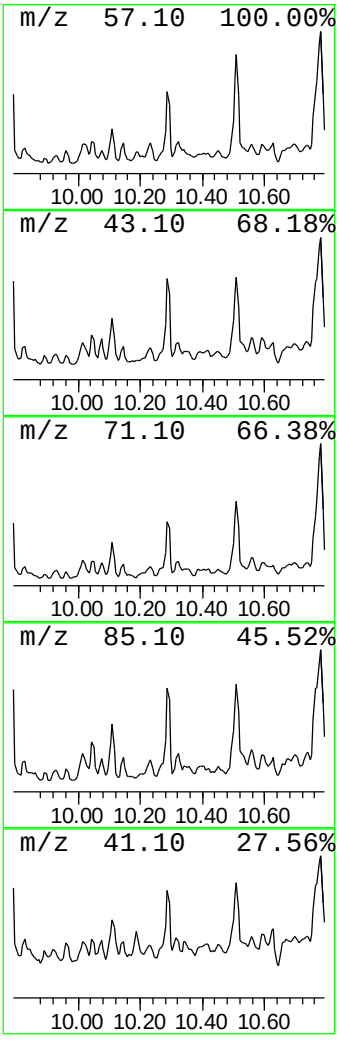
Peak Number 17 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	16.70 ng	1091970	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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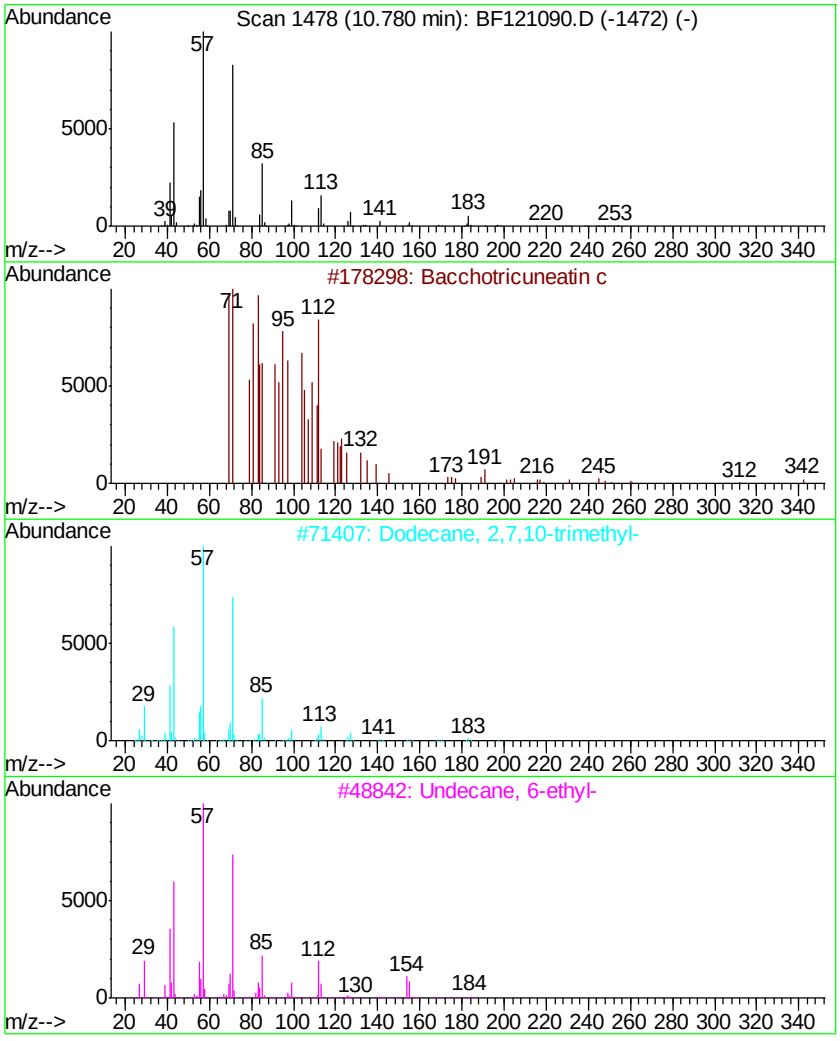
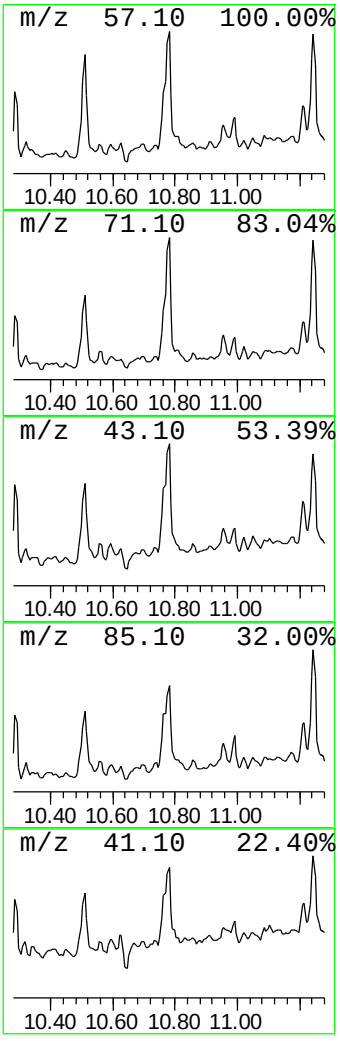
Peak Number 18 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	44.88 ng	3137750	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59
5	Dodecane	170	C12H26	000112-40-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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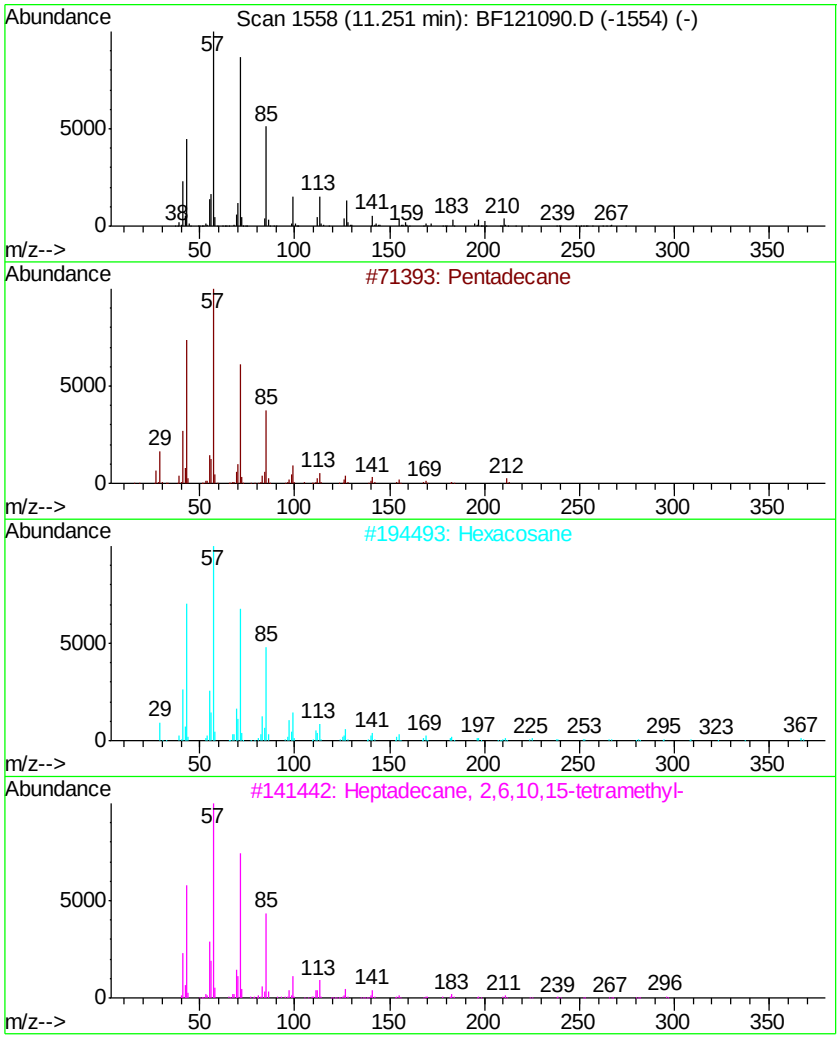
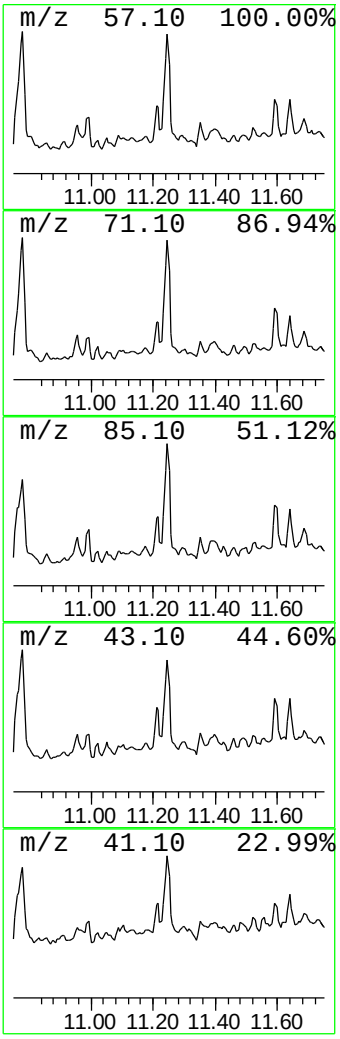
Peak Number 19 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	33.12 ng	2315230	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Octacosane	394	C28H58	000630-02-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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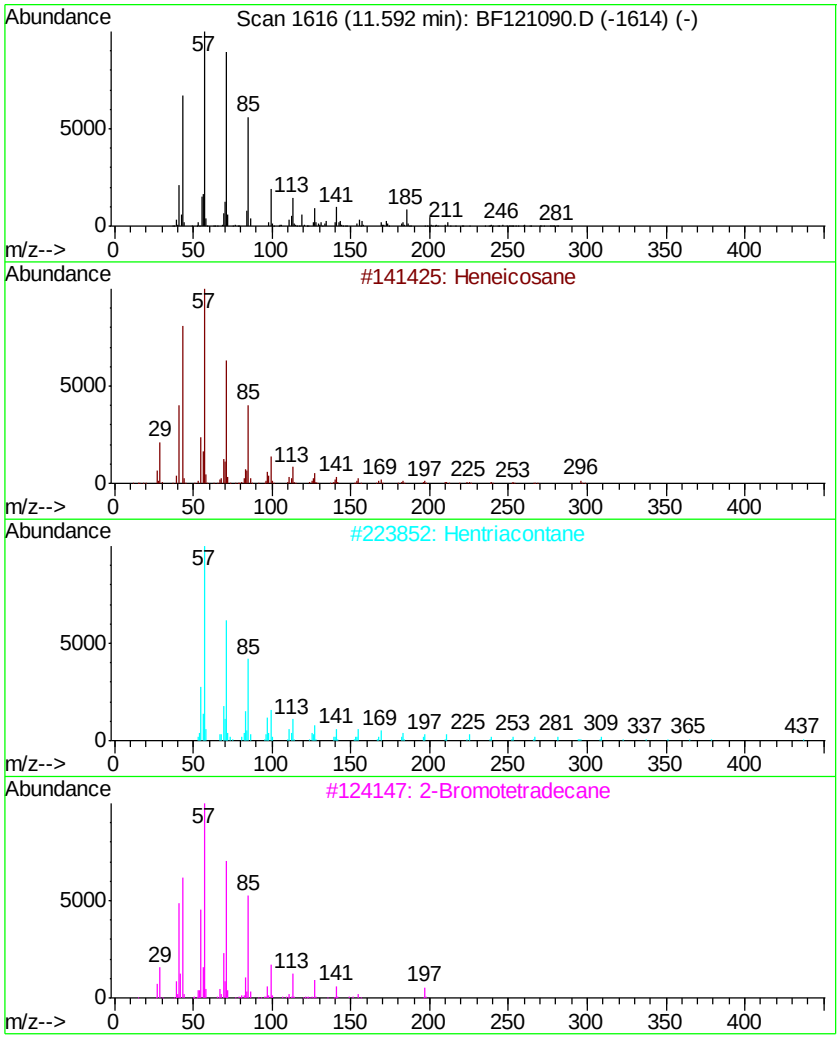
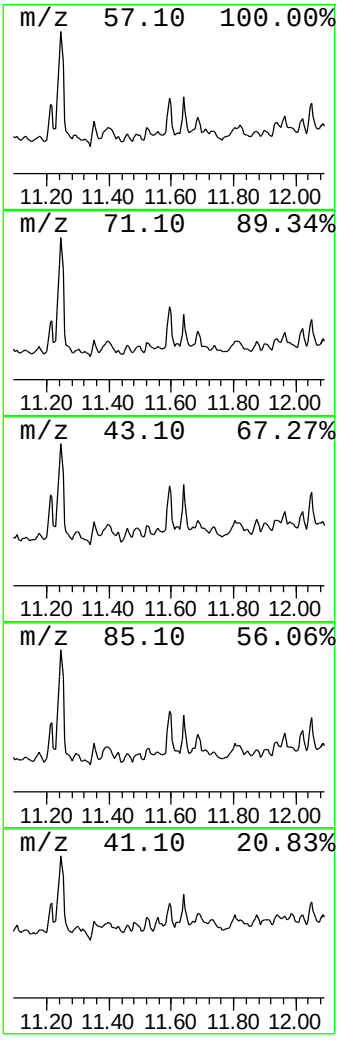
Peak Number 20 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	9.97 ng	696794	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Dodecane, 2,6,11-...	8.52	9.8	ng	796447	2	8.10	1634110	20.0
Tridecane	8.69	17.6	ng	1436930	2	8.10	1634110	20.0
unknown8.79	8.79	8.0	ng	653927	2	8.10	1634110	20.0
Naphthalene, 1,2,...	8.92	16.5	ng	1350580	2	8.10	1634110	20.0
Tridecane, 1-iodo-	9.06	10.9	ng	714707	3	9.86	1308140	20.0
Dodecane, 2,6,10-...	9.12	17.5	ng	1142530	3	9.86	1308140	20.0
Tetradecane	9.26	33.7	ng	2203540	3	9.86	1308140	20.0
Naphthalene, 1,2,...	9.33	12.4	ng	813650	3	9.86	1308140	20.0
Naphthalene, 1,2,...	9.49	9.1	ng	592084	3	9.86	1308140	20.0
unknown9.63	9.63	10.4	ng	678486	3	9.86	1308140	20.0
unknown9.67	9.67	10.8	ng	707328	3	9.86	1308140	20.0
unknown9.76	9.76	8.4	ng	547029	3	9.86	1308140	20.0
Nonadecane	9.79	23.9	ng	1560330	3	9.86	1308140	20.0
unknown9.96	9.96	8.8	ng	576117	3	9.86	1308140	20.0
10-Methylnonadecane	10.11	16.9	ng	1105960	3	9.86	1308140	20.0
unknown10.19	10.19	17.6	ng	1150880	3	9.86	1308140	20.0
Pentadecane, 7-me...	10.29	16.7	ng	1091970	3	9.86	1308140	20.0
Bacchotricuneatin c	10.78	44.9	ng	3137750	4	11.35	1398280	20.0
Pentadecane	11.25	33.1	ng	2315230	4	11.35	1398280	20.0
Heneicosane	11.59	10.0	ng	696794	4	11.35	1398280	20.0