LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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	5.016	496	498	507	rVB	76853	86221	1.75%	0.183%
2	5.428	563	568	571	rBV	2198961	1988859	40.42%	4.221%
3	6.440	736	740	746	rVB	1456787	1260947	25.63%	2.676%
4	6.645	772	775	779	rBV	98438	102716	2.09%	0.218%
5	6.816	800	804	807	rBV	1240173	1098217	22.32%	2.331%
6	6.993	832	834	839	rVB	175966	142587	2.90%	0.303%
7	7.157	855	862	867	rBV3	41617	53181	1.08%	0.113%
8	7.216	868	872	875	rBV	118812	111313	2.26%	0.236%
9	7.381	889	900	903	rBV	2776212	3096248	62.92%	6.572%
10	7.457	909	913	917	rBV4	59506	69295	1.41%	0.147%
11	7.504	917	921	924	rBV	73621	76163	1.55%	0.162%
12	7.587	932	935	938	rVB	163959	147471	3.00%	0.313%
13	7.634	938	943	946	rBV2	50631	57500	1.17%	0.122%
14	7.745	958	962	964	rBV	128591	126742	2.58%	0.269%
15	7.834	972	977	982	rBV2	98158	131489	2.67%	0.279%
16	7.910	986	990	993	rBV2	56249	72465	1.47%	0.154%
17	8.010	1003	1007	1009	rBV2	86929	95310	1.94%	0.202%
18	8.034	1009	1011	1014	rVB2	59775	57026	1.16%	0.121%
19	8.098	1016	1022	1024	rBV	1698928	1653879	33.61%	3.510%
20	8.116	1024	1025	1028	rVV2	198188	143781	2.92%	0.305%
21	8.145	1028	1030	1033	rVB	243354	178991	3.64%	0.380%
22	8.187	1033	1037	1040	rVB3	68752	80596	1.64%	0.171%
23	8.228	1040	1044	1046	rBV	79336	78540	1.60%	0.167%
24	8.251	1046	1048	1051	rBV3	66707	55406	1.13%	0.118%
25	8.292	1051	1055	1060	rBV5	155634	197439	4.01%	0.419%
26	8.345	1060	1064	1068	rBV4	151800	217761	4.43%	0.462%
27	8.422	1075	1077	1080	rBV	81806	65810	1.34%	0.140%
28	8.481	1084	1087	1090	rVB	277997	247865	5.04%	0.526%
29	8.569	1093	1102	1105	rBV2	759829	913753	18.57%	1.939%
30	8.604	1105	1108	1114	rVV6	70806	134579	2.73%	0.286%
31	8.657	1114	1117	1119	rVV2	150533	131044	2.66%	0.278%
32	8.687	1119	1122	1125	rVB2	228553	199932	4.06%	0.424%
33	8.728	1125	1129	1131	rBV4	150800	191305	3.89%	0.406%
34	8.763	1132	1135	1137	rVV2	242750	234302	4.76%	0.497%

LSC Area Percent Report

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Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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	8.792	1137	1140	1142	rVB2	104524	83547	1.70%	0.177%
36	8.898	1156	1158	1160	rVV2	126205	125108	2.54%	0.266%
37	8.922	1160	1162	1164	rVV2	100875	86143	1.75%	0.183%
38	8.945	1164	1166	1171	rVB4	146917	219432	4.46%	0.466%
39	8.998	1172	1175	1178	rBV5	83224	128275	2.61%	0.272%
40	9.045	1178	1183	1187	rBV3	166446	198385	4.03%	0.421%
41	9.092	1188	1191	1193	rVB4	120724	122208	2.48%	0.259%
42	9.134	1196	1198	1200	rVB3	72546	50068	1.02%	0.106%
43	9.175	1200	1205	1208	rBV	4272469	4733031	96.19%	10.046%
44	9.281	1220	1223	1227	rBV5	100640	183767	3.73%	0.390%
45	9.316	1227	1229	1232	rVB2	123320	111061	2.26%	0.236%
46	9.345	1232	1234	1237	rBV3	95253	93406	1.90%	0.198%
47	9.381	1237	1240	1245	rVB	182932	179047	3.64%	0.380%
48	9.439	1245	1250	1253	rBV5	169442	243120	4.94%	0.516%
49	9.469	1253	1255	1256	rBV2	81168	75798	1.54%	0.161%
50	9.510	1258	1262	1265	rBV3	564458	613333	12.46%	1.302%
51	9.569	1270	1272	1275	rVV	738323	550283	11.18%	1.168%
52	9.628	1279	1282	1283	rVV	372219	295979	6.02%	0.628%
53	9.645	1283	1285	1287	rVB	270503	198739	4.04%	0.422%
54	9.710	1292	1296	1300	rBV2	258175	286961	5.83%	0.609%
55	9.851	1315	1320	1323	rBV	1859479	1821305	37.01%	3.866%
56	9.881	1323	1325	1329	rVB2	207950	211398	4.30%	0.449%
57	9.963	1336	1339	1342	rVB3	126300	161718	3.29%	0.343%
58	10.010	1343	1347	1351	rBV4	232008	321355	6.53%	0.682%
59	10.057	1352	1355	1358	rVV2	265601	313136	6.36%	0.665%
60	10.092	1359	1361	1363	rVB	300720	208828	4.24%	0.443%
61	10.116	1363	1365	1369	rBV3	110227	121235	2.46%	0.257%
62	10.169	1369	1374	1377	rBV2	596735	680139	13.82%	1.444%
63	10.198	1377	1379	1383	rVB4	157552	200947	4.08%	0.427%
64	10.375	1407	1409	1410	rBV	122544	85150	1.73%	0.181%
65	10.398	1410	1413	1415	rVV2	255424	274125	5.57%	0.582%
66	10.463	1419	1424	1430	rVV	688721	1040750	21.15%	2.209%
67	10.545	1434	1438	1443	rBV6	134700	265447	5.39%	0.563%
68	10.598	1444	1447	1450	rVV4	311594	429652	8.73%	0.912%
69	10.645	1450	1455	1457	rVV	2720947	3183252	64.69%	6.756%
70	10.669	1457	1459	1464	rVB3	345969	404648	8.22%	0.859%
71	10.763	1473	1475	1481	rVB5	229971	232701	4.73%	0.494%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : ERM-16R

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

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72	10.980	1509	1512	1514	rBV3	264331	256752	5.22%	0.545%
73	11.310	1565	1568	1570	rBV2	188635	182298	3.70%	0.387%
74	11.339	1570	1573	1576	rVV	1844043	1493095	30.34%	3.169%
75	11.451	1590	1592	1597	rBV5	161047	205967	4.19%	0.437%
76	11.727	1637	1639	1645	rVB4	220757	243948	4.96%	0.518%
77	11.886	1662	1666	1674	rVB	1638732	1859142	37.78%	3.946%
78	12.586	1783	1785	1787	rBV	227908	220785	4.49%	0.469%
79	12.616	1787	1790	1795	rVB	908037	905896	18.41%	1.923%
80	12.669	1795	1799	1808	rVB	912148	927338	18.85%	1.968%
81	12.933	1838	1844	1847	rBV	4181993	4920630	100.00%	10.444%
82	13.386	1919	1921	1924	rVB	107819	79722	1.62%	0.169%
83	13.821	1992	1995	2002	rVB	510923	483310	9.82%	1.026%
84	13.974	2017	2021	2025	rVB	1745151	1532633	31.15%	3.253%
85	14.445	2099	2101	2105	rVB2	113408	113678	2.31%	0.241%
86	15.010	2195	2197	2203	rVB	153418	183902	3.74%	0.390%
87	15.421	2262	2267	2272	rBV	1024427	1231686	25.03%	2.614%
88	15.939	2352	2355	2361	rVB4	45902	70733	1.44%	0.150%
89	16.286	2410	2414	2423	rVB5	89882	170288	3.46%	0.361%

Sum of corrected areas: 47114013

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120942.D
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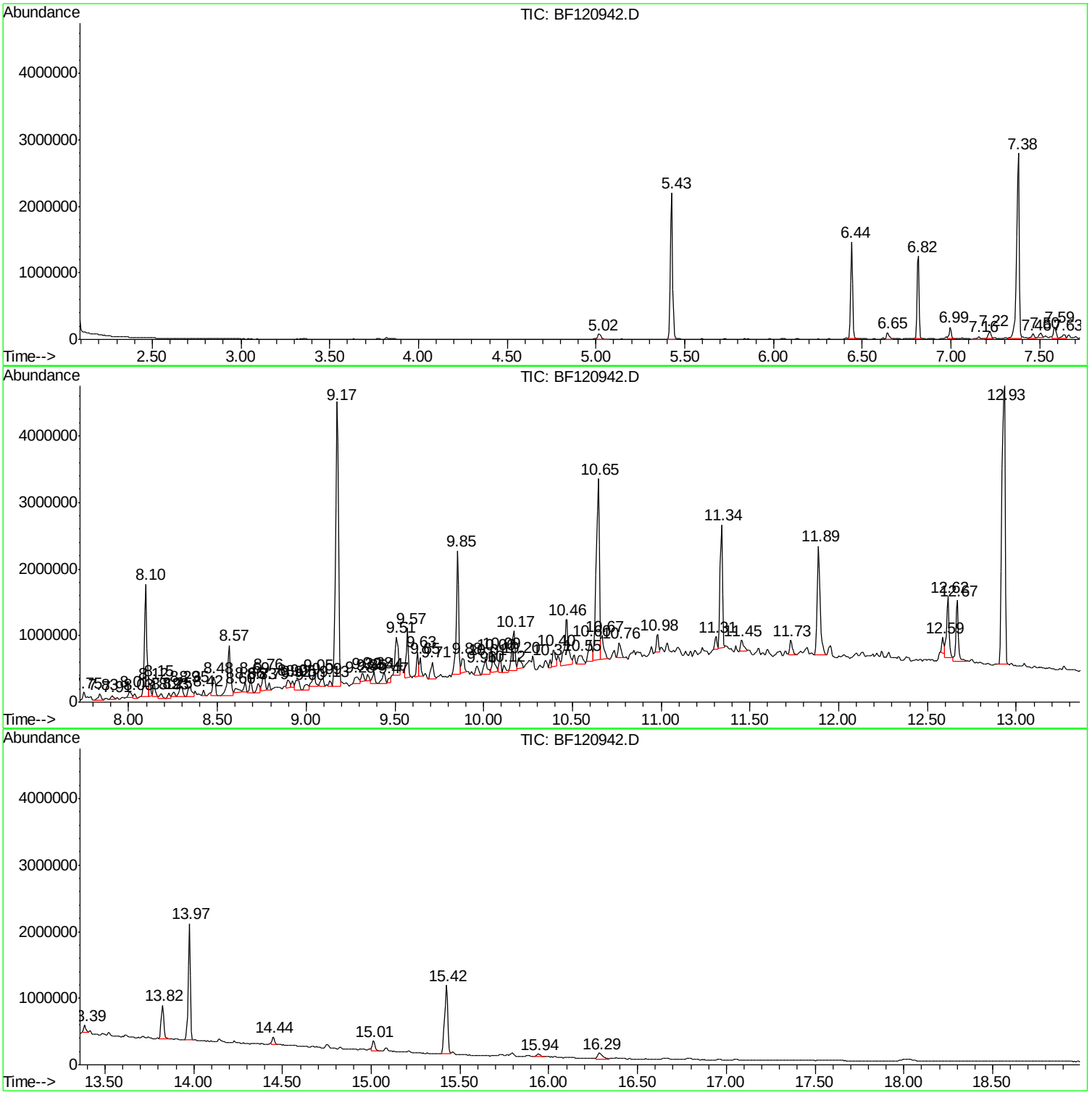
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-16R

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\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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

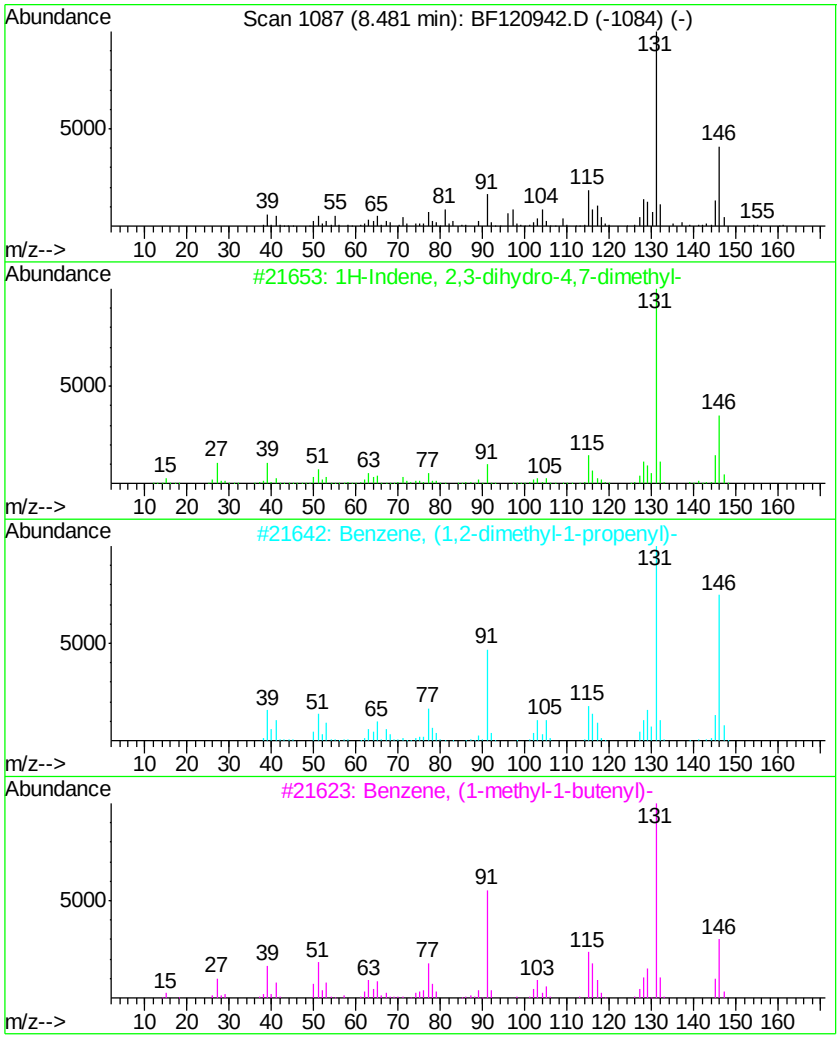
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

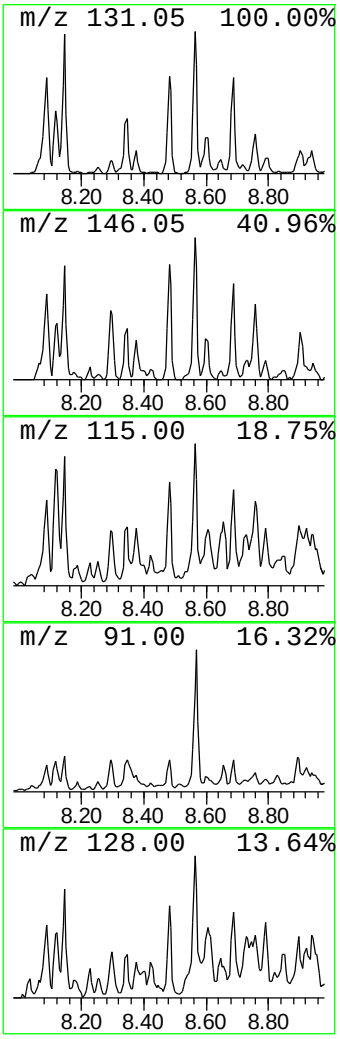
****

Peak Number 1 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	3.00 ng	247865	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	94
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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

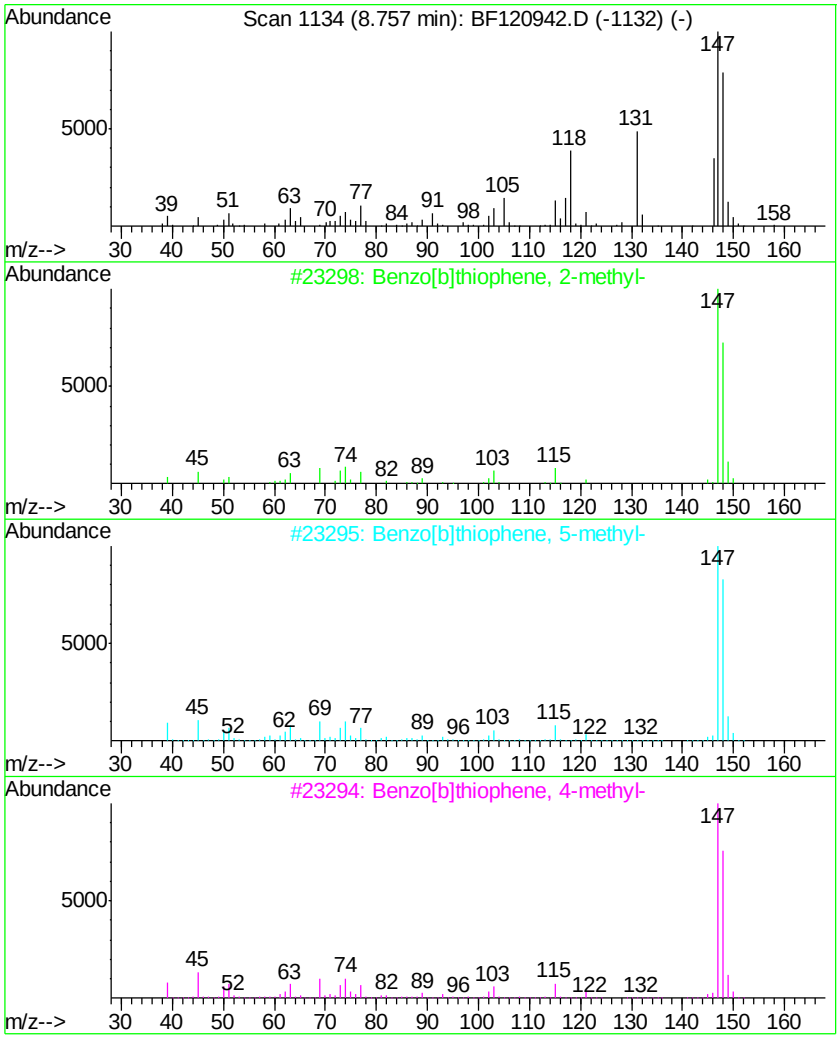
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

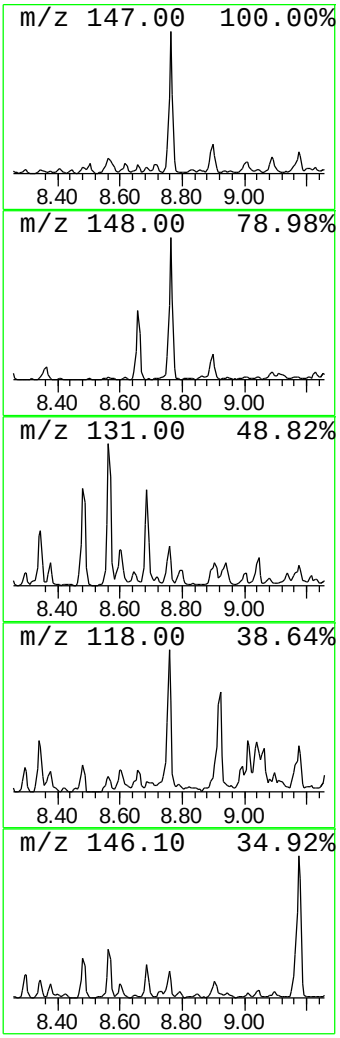
****

Peak Number 2 Benzo[b]thiophene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.83 ng	234302	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
5	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	64





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ClientSampleId : ERM-16R

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

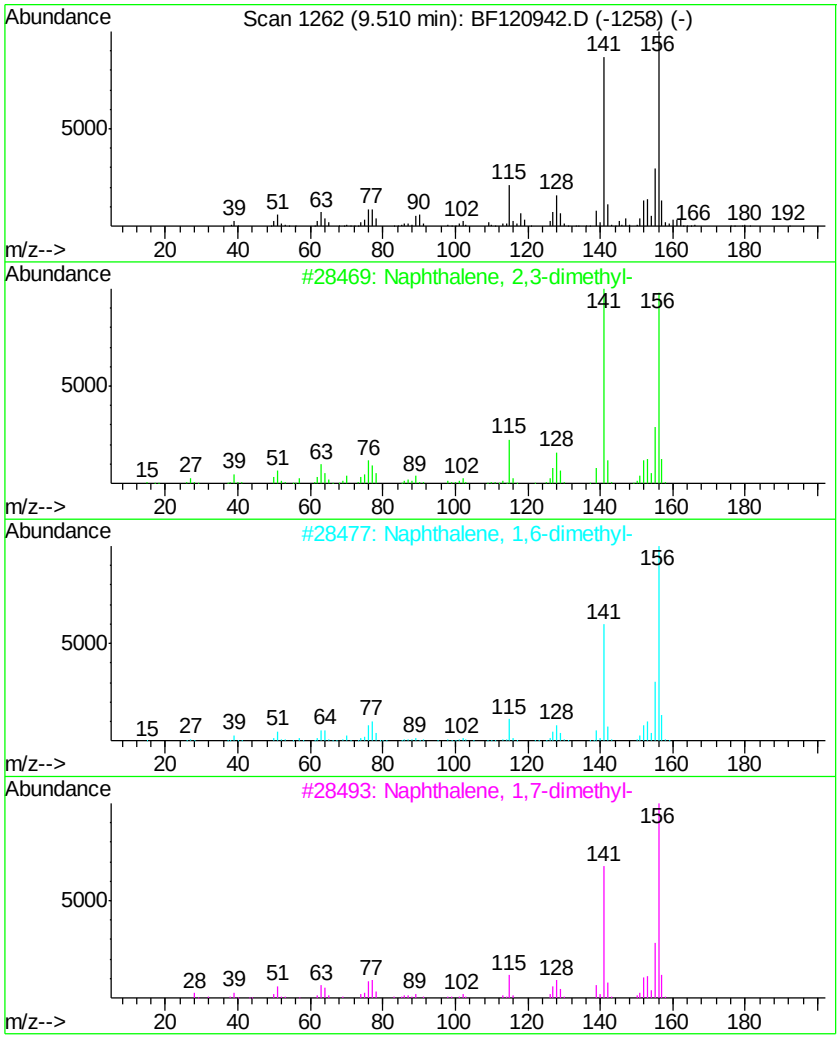
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

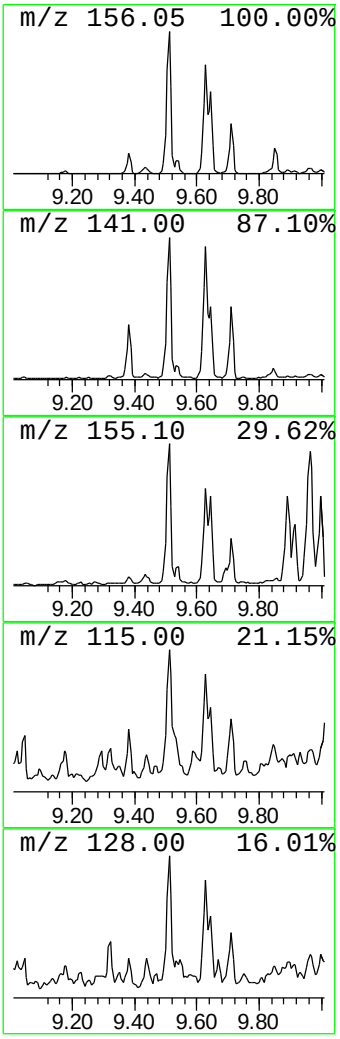
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.74 ng	613333	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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

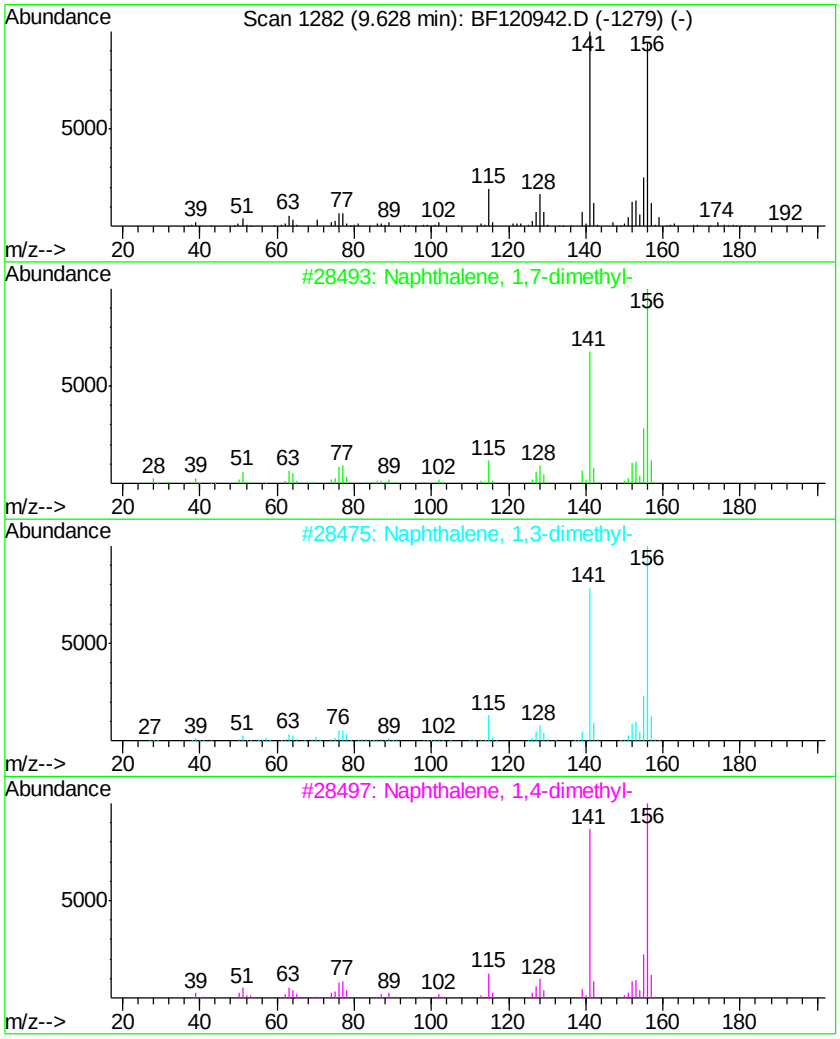
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

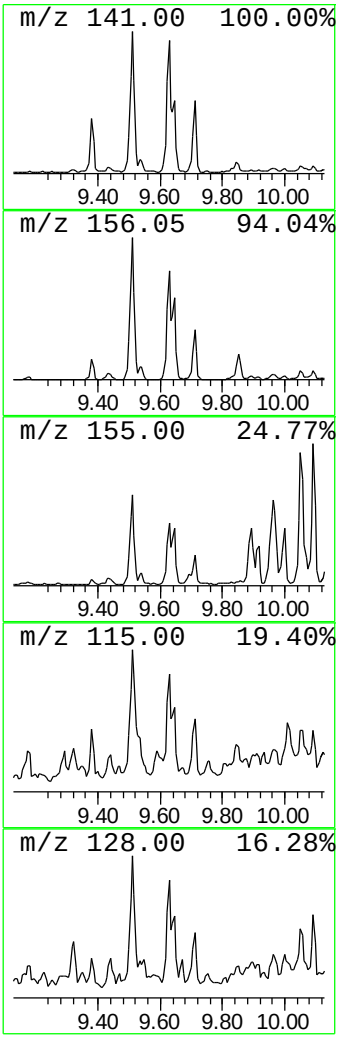
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.25 ng	295979	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Library Search Compound Report

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Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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

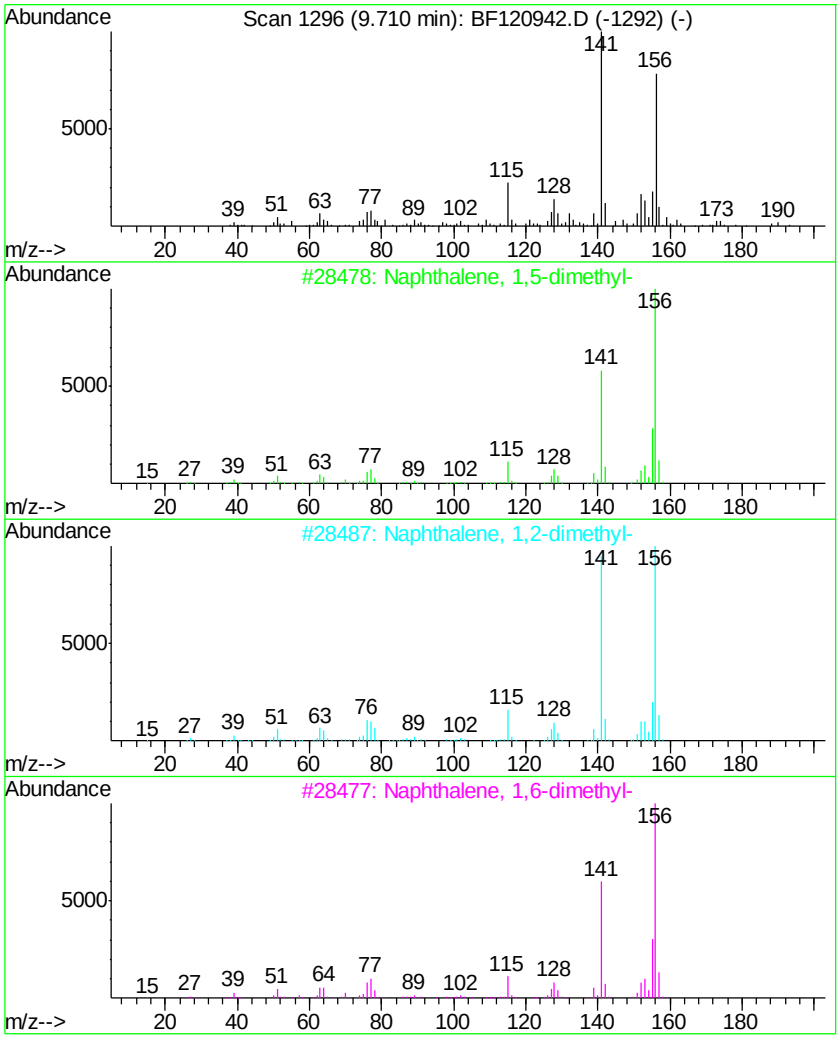
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

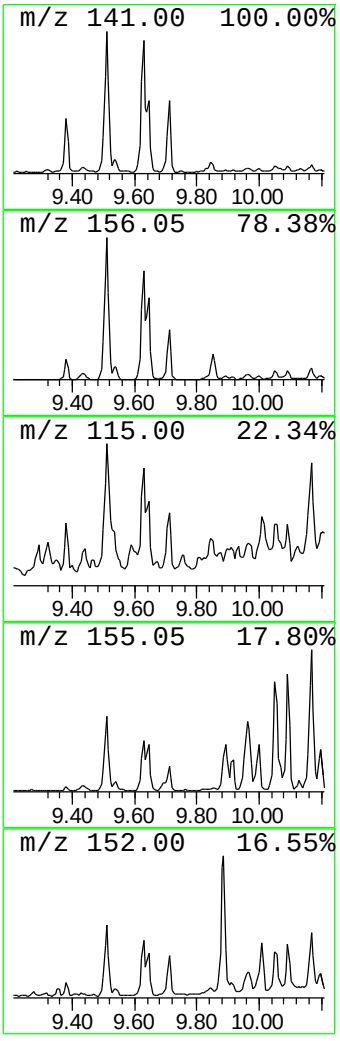
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	3.15 ng	286961	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

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Data File : BF120942.D
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Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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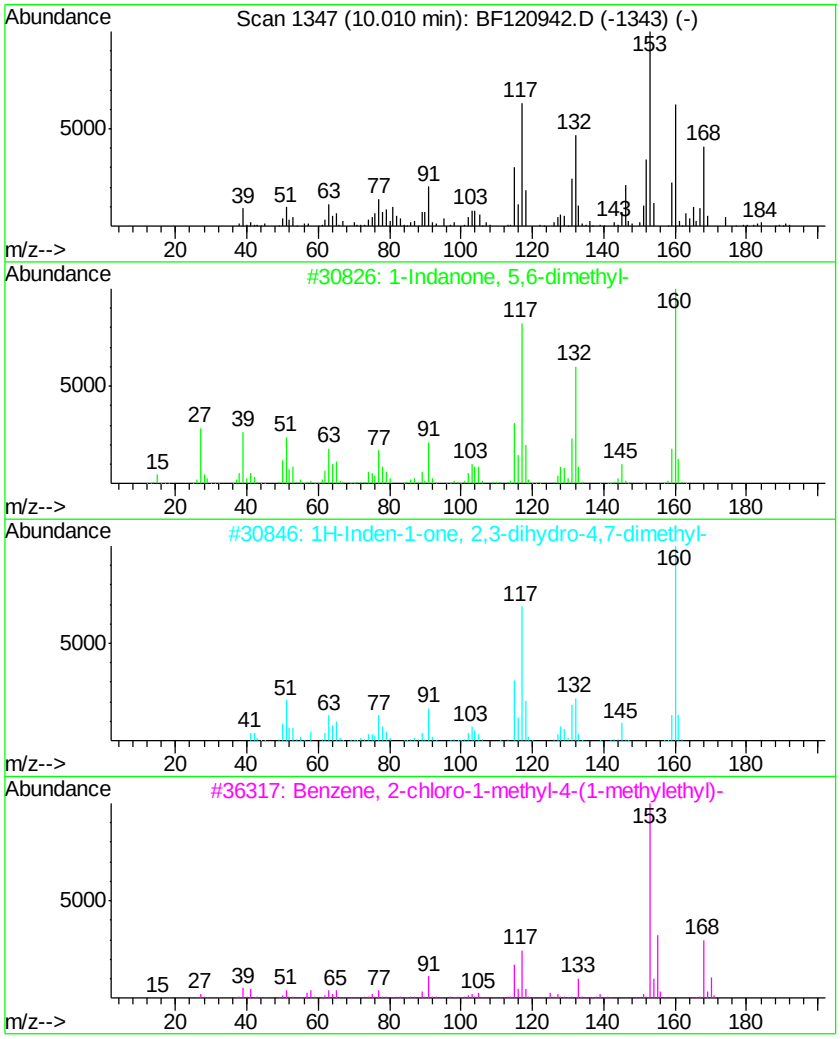
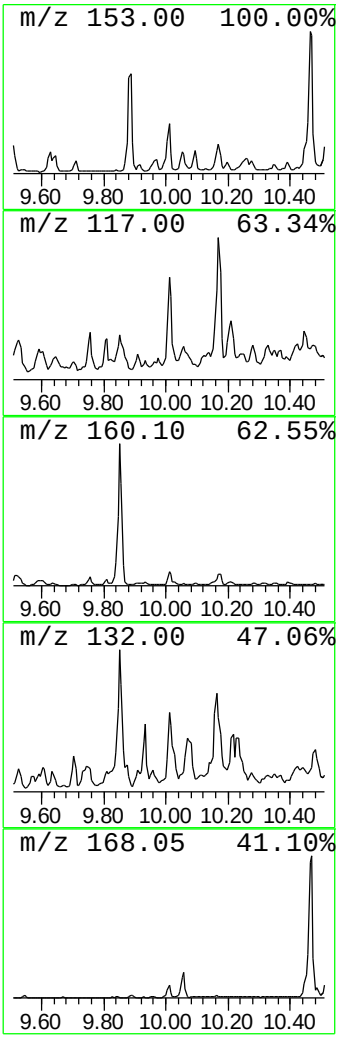
Peak Number 6 1-Indanone, 5,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	3.53 ng	321355	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	60
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	35
3	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	30
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	30
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	30





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Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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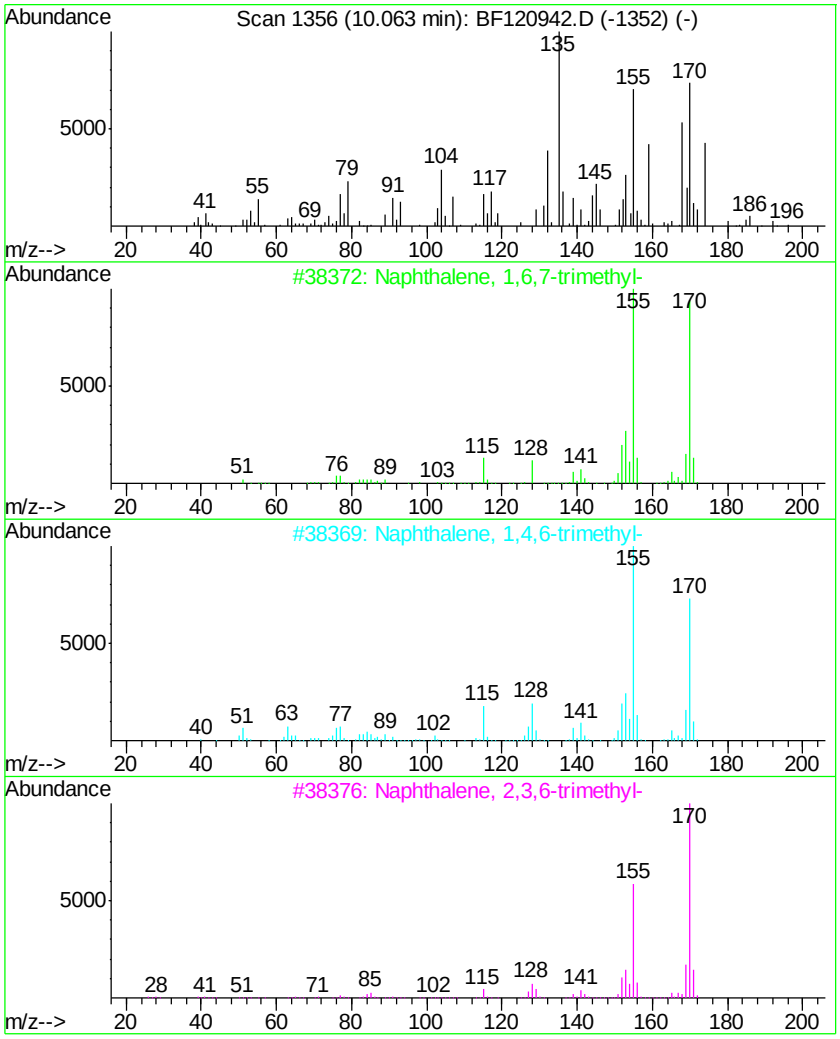
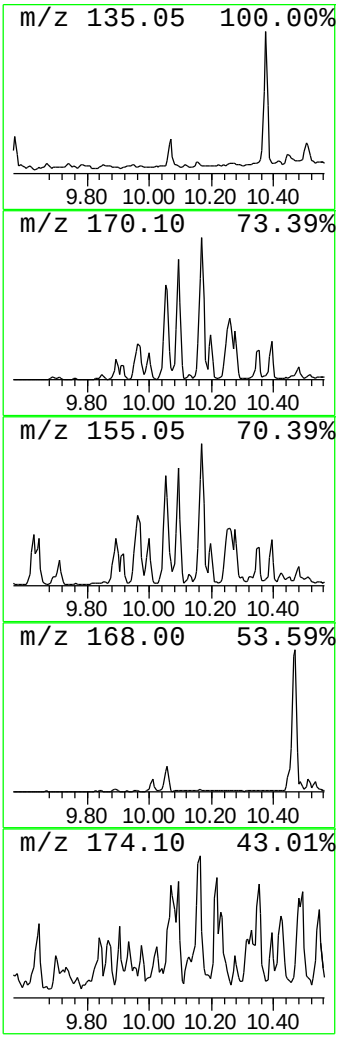
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.44 ng	313136	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62





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ClientSampleId : ERM-16R

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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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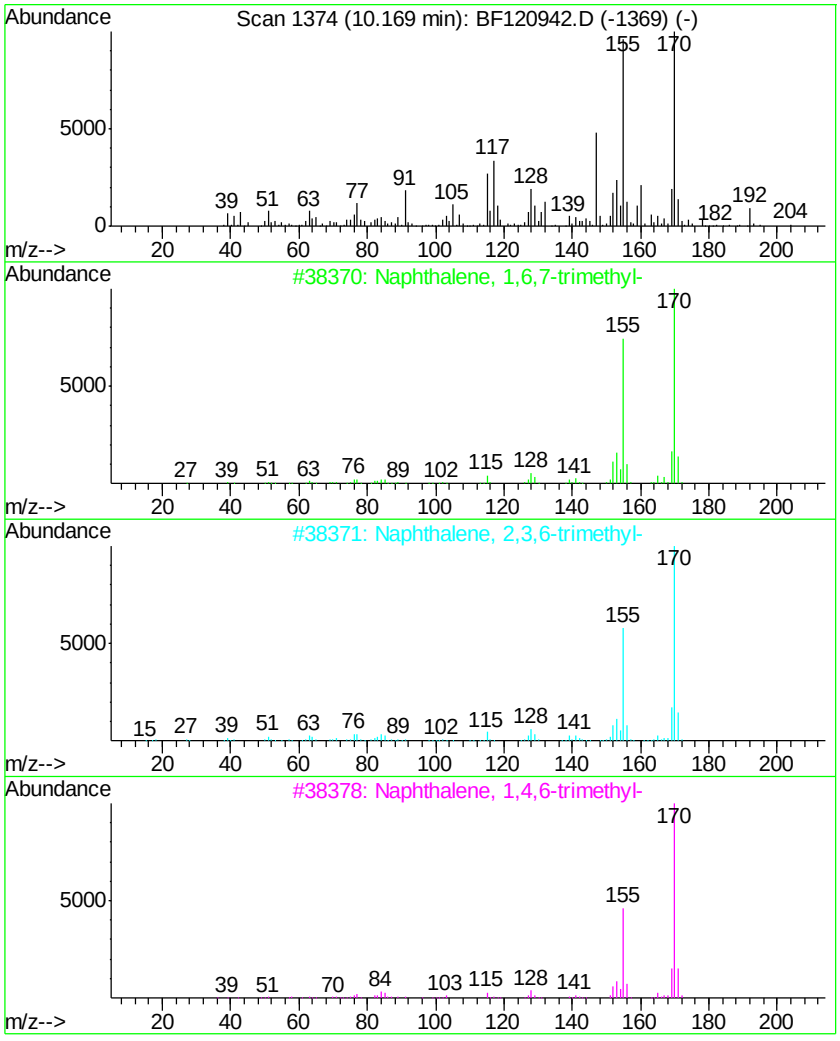
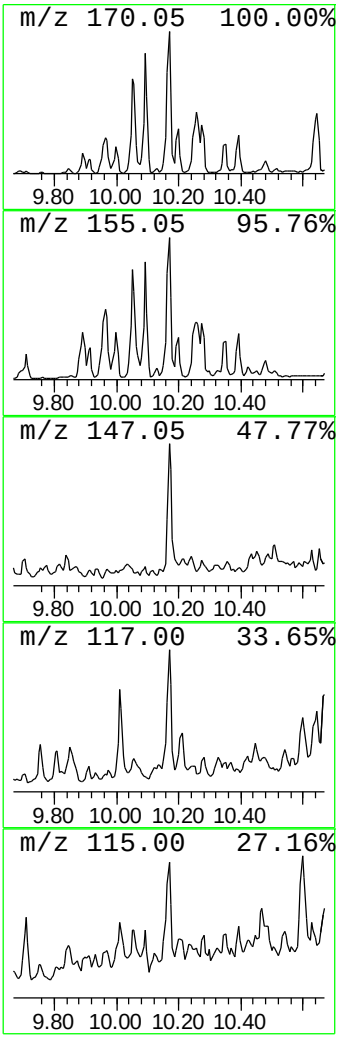
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.47 ng	680139	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





Library Search Compound Report

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ClientSampleId : ERM-16R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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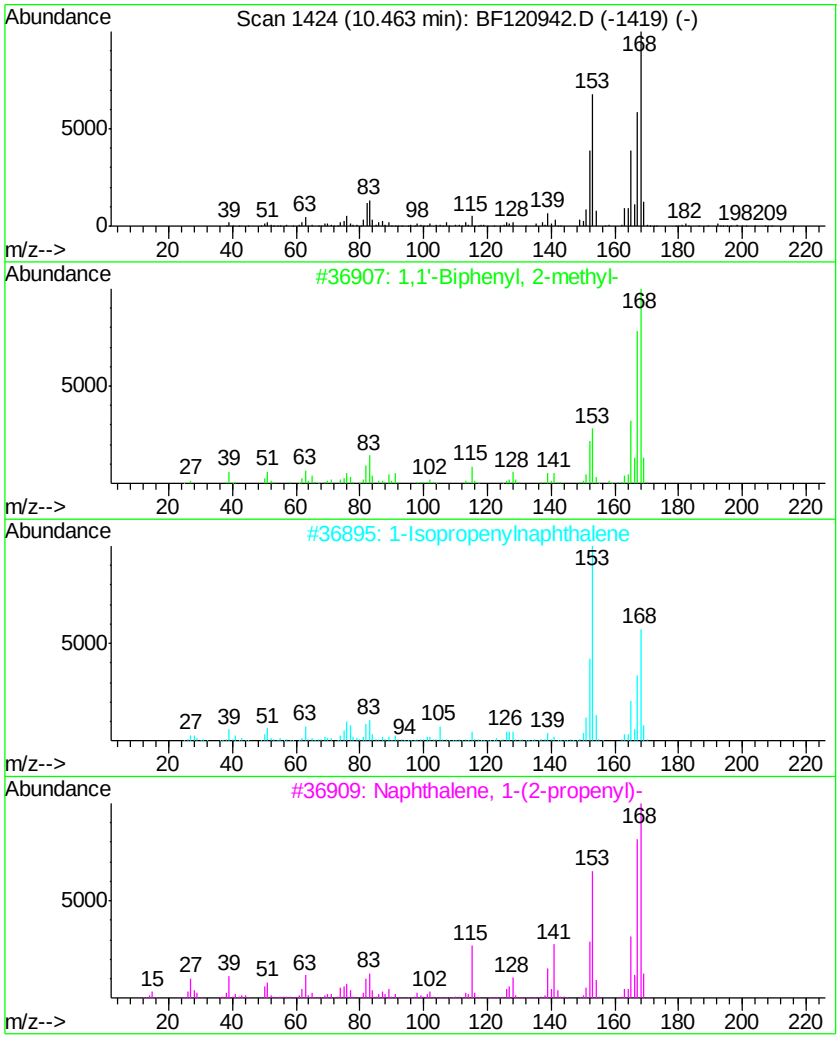
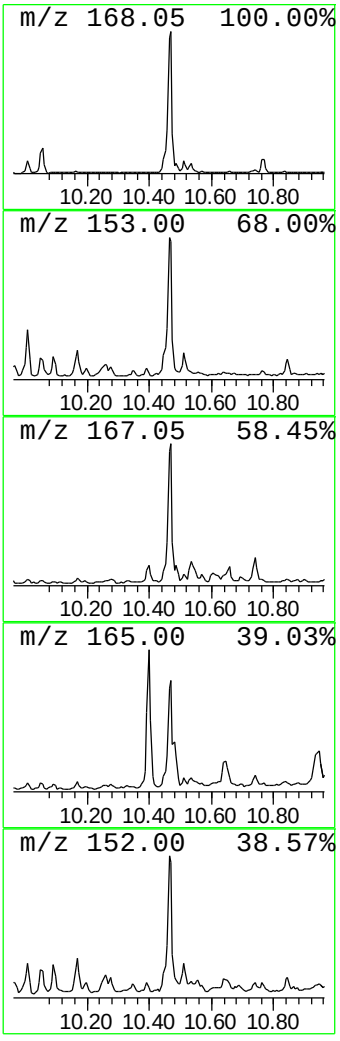
Peak Number 9 1,1'-Biphenyl, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	11.43 ng	1040750	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	47





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Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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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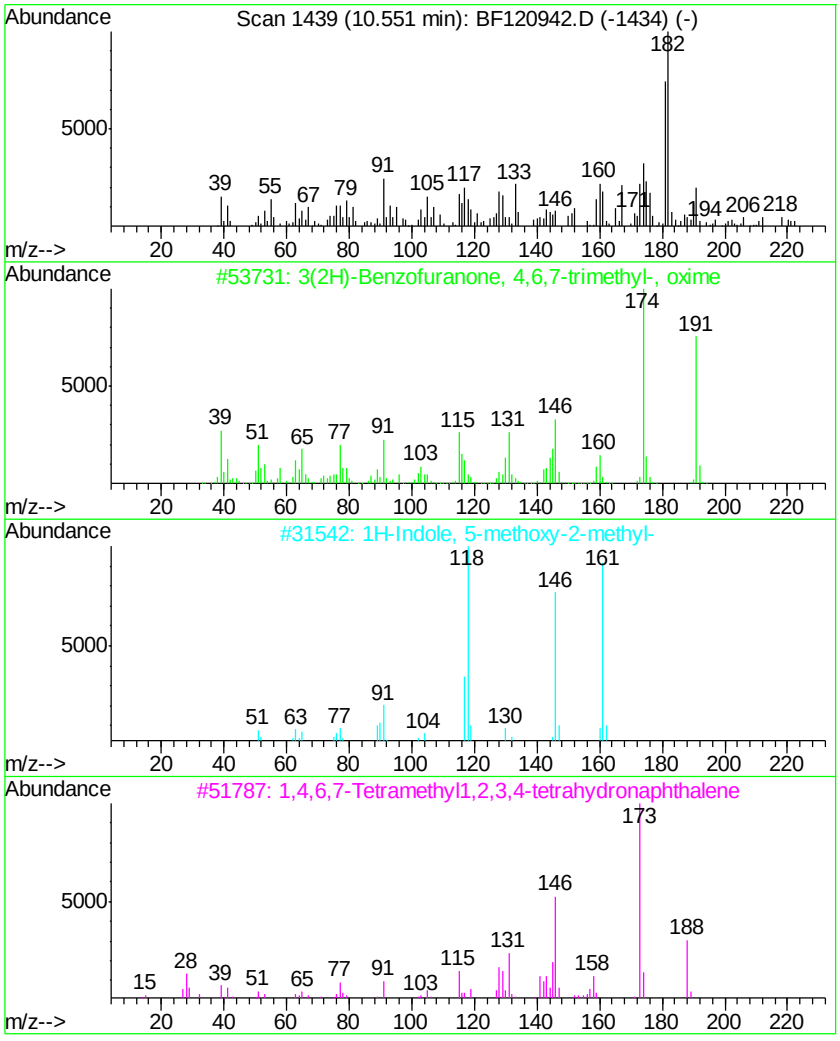
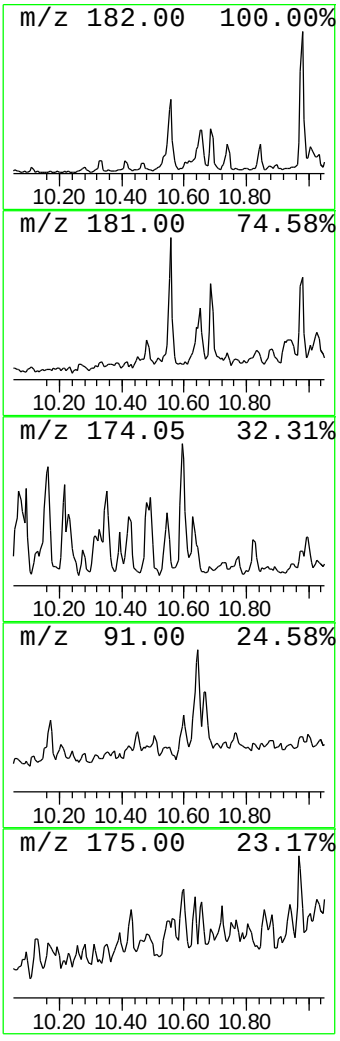
Peak Number 10 unknown10.55 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.91 ng	265447	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone, 4,6,7-trime...	191	C11H13NO2	1000337-33-2	44
2	1H-Indole, 5-methoxy-2-methyl-	161	C10H11NO	001076-74-0	25
3	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	22
4	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-31-5	18
5	1-(2-Methoxymethyl-3,5,6-trimeth...	208	C13H20O2	1000202-04-5	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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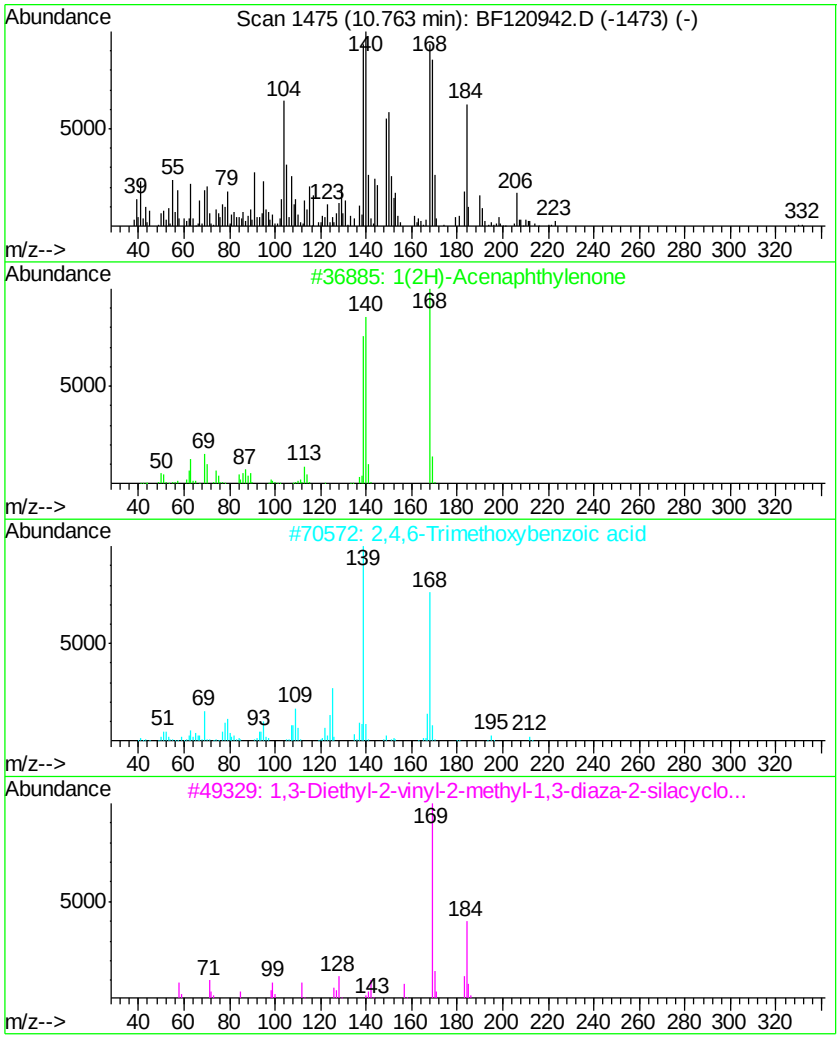
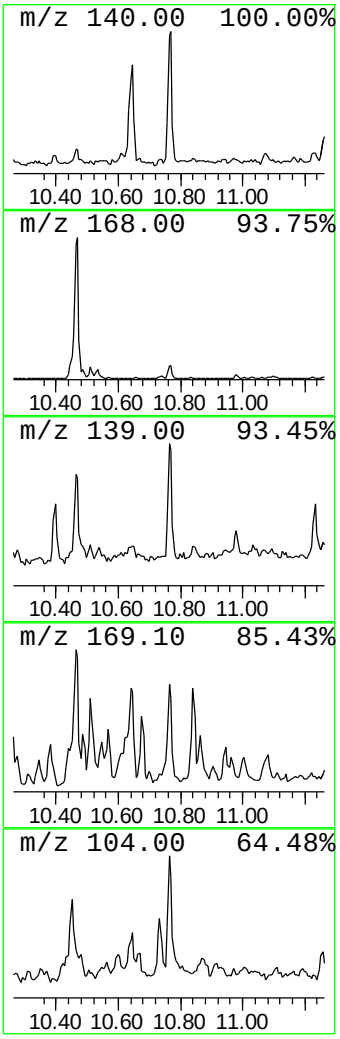
Peak Number 11 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.12 ng	232701	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	2,4,6-Trimethoxybenzoic acid	212	C10H12O5	000570-02-5	20
3	1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	15
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	15
5	Chamazulene	184	C14H16	000529-05-5	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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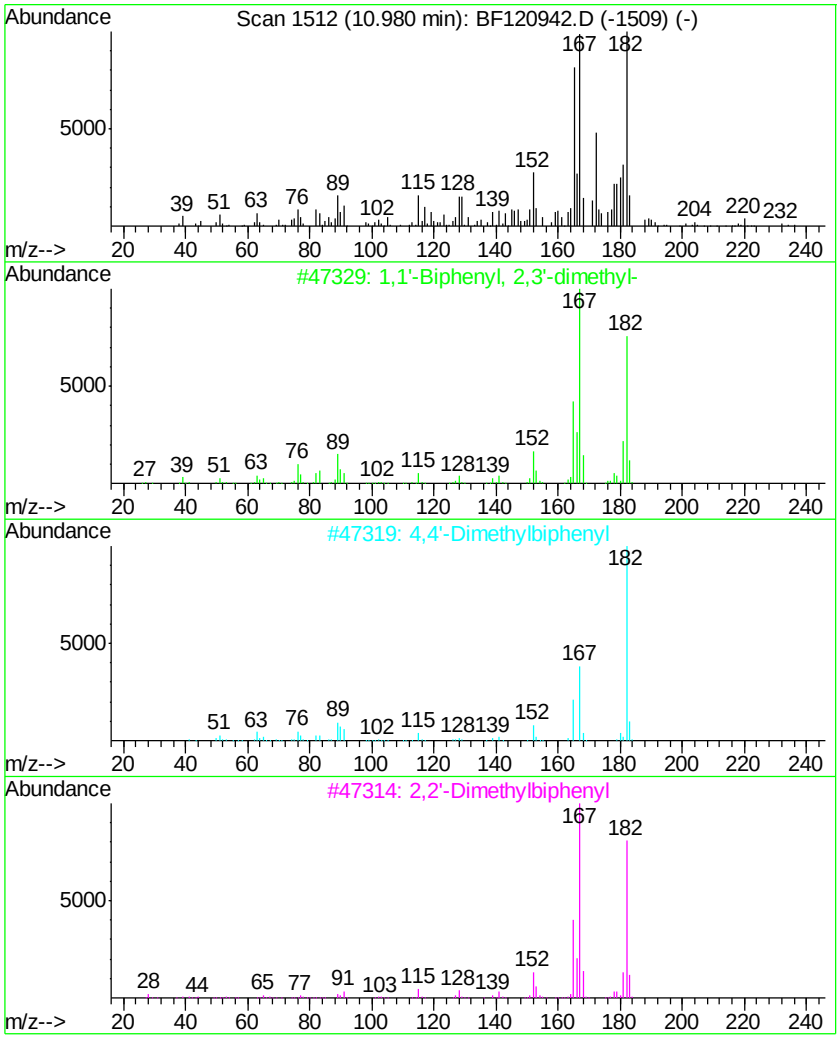
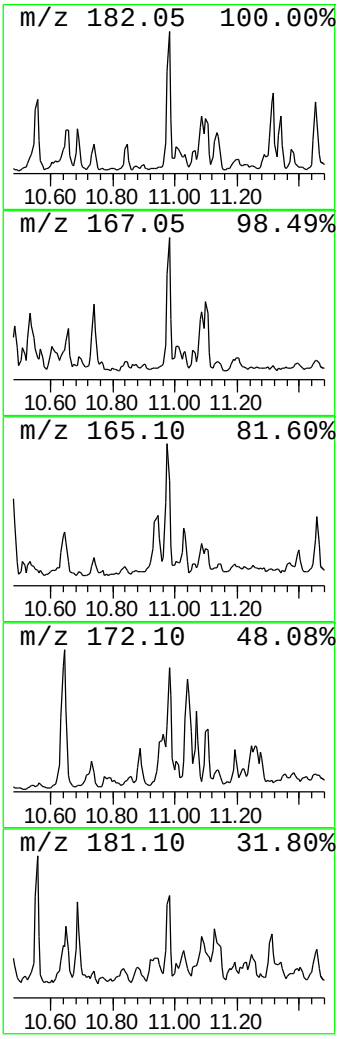
Peak Number 12 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.44 ng	256752	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	58
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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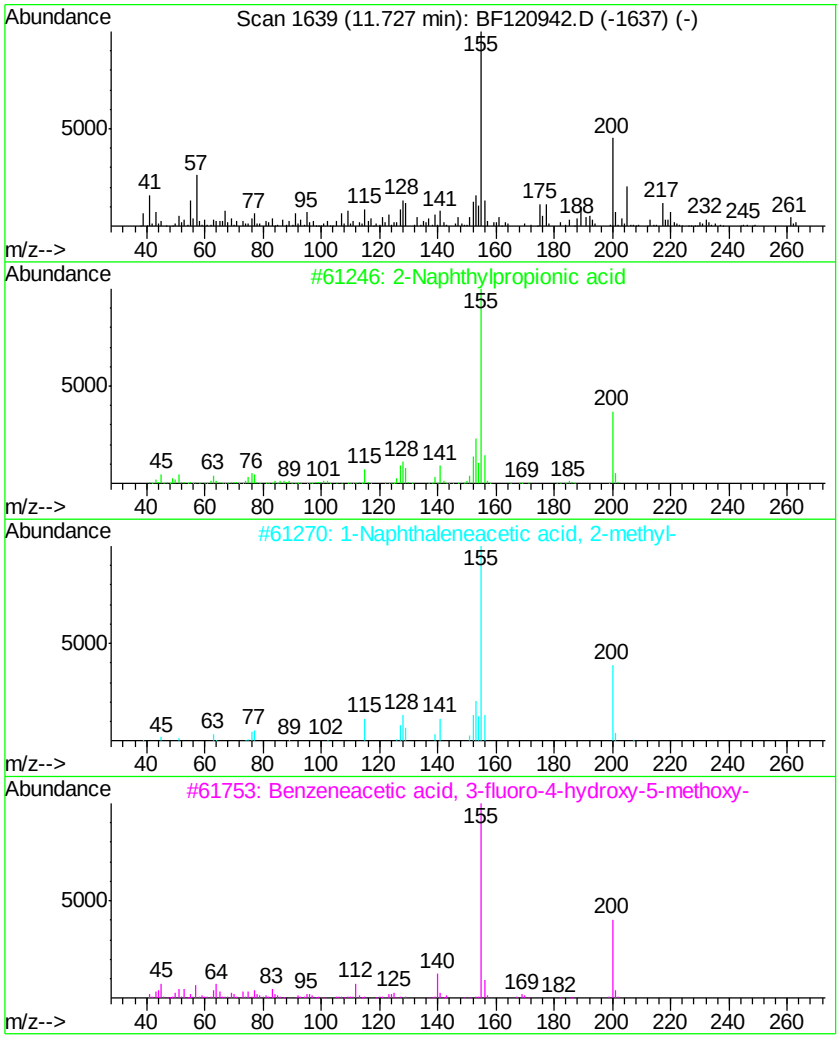
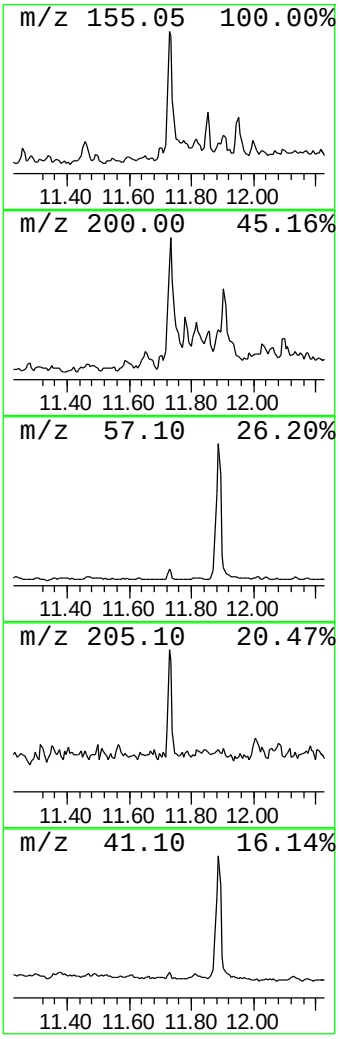
Peak Number 13 2-Naphthylpropionic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.27 ng	243948	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	83
2	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	83
3	Benzeneacetic acid, 3-fluoro-4-h...	200	C9H9FO4	114669-81-7	52
4	1-Naphthalenecarboxylic acid, et...	200	C13H12O2	003007-97-4	52
5	Benzenepropanoic acid, 2-fluoro-...	200	C9H9FO4	1000116-44-0	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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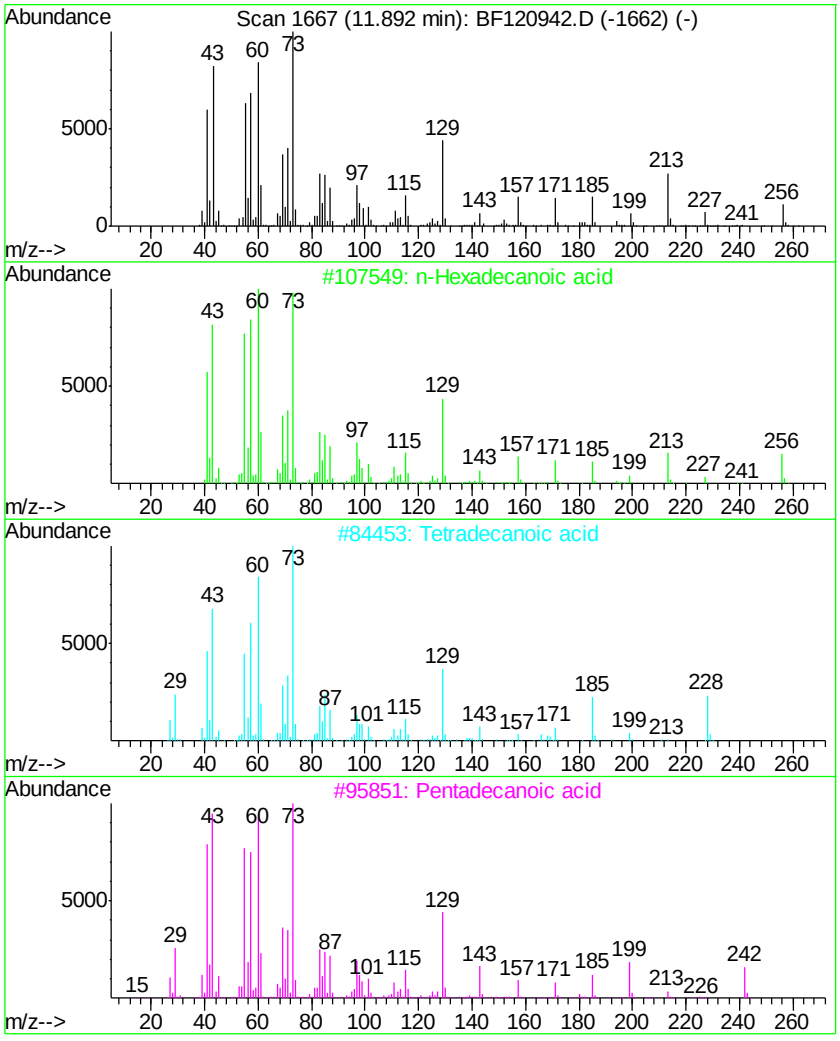
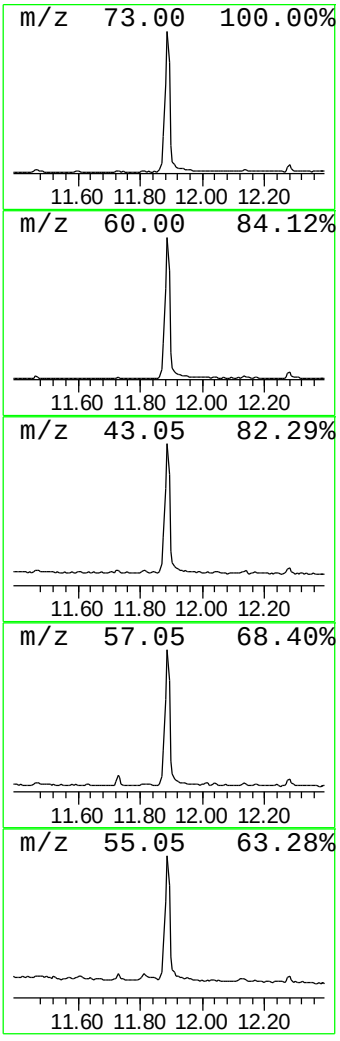
Peak Number 14 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	24.90 ng	1859140	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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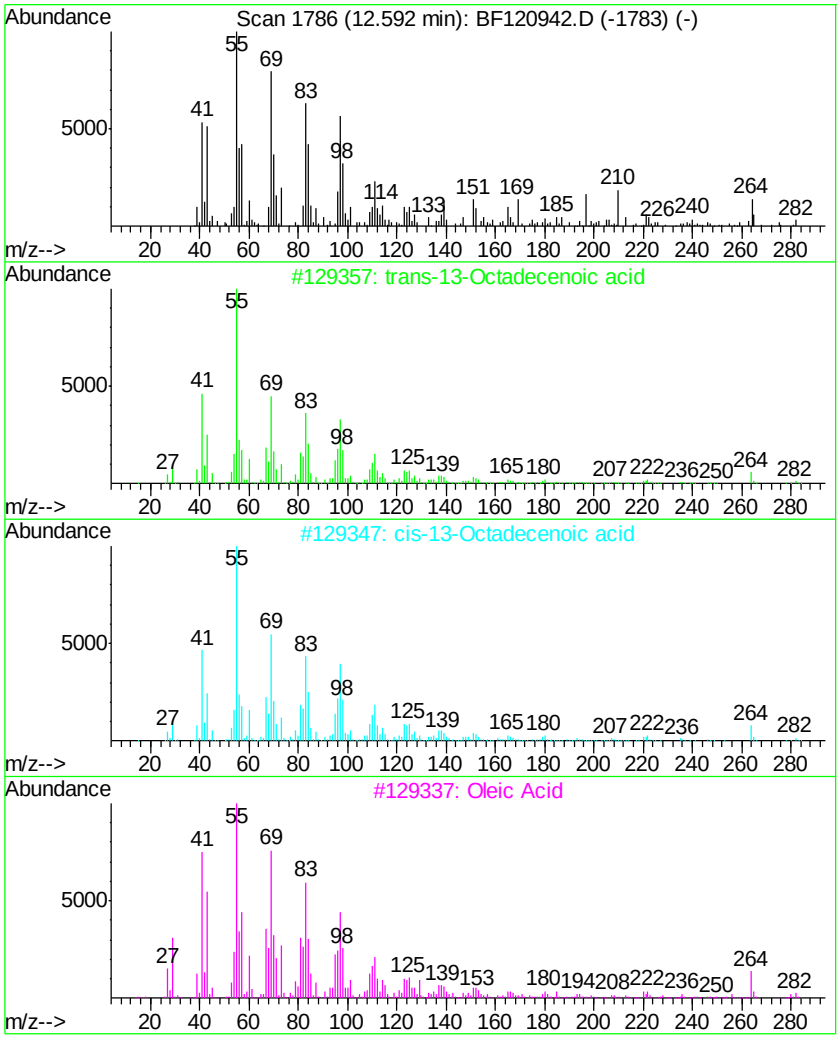
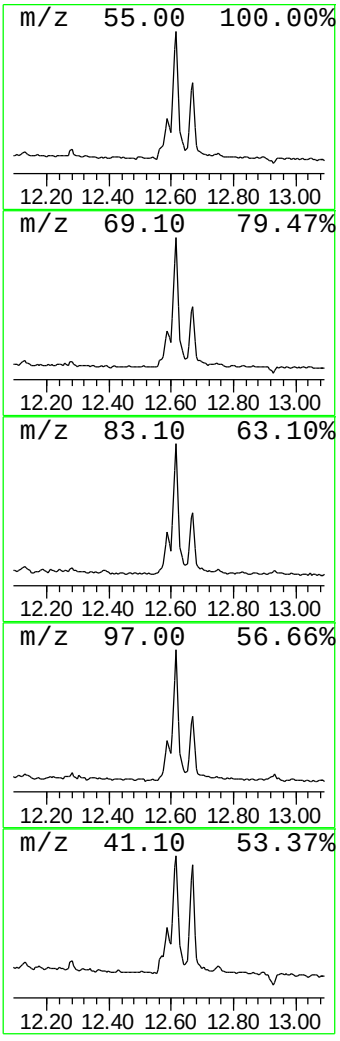
Peak Number 15 trans-13-Octadecenoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.96 ng	220785	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	80
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	80
3	Oleic Acid	282	C18H34O2	000112-80-1	72
4	1-Nonadecene	266	C19H38	018435-45-5	53
5	Z-7-Pentadecenol	226	C15H30O	1000130-76-6	53





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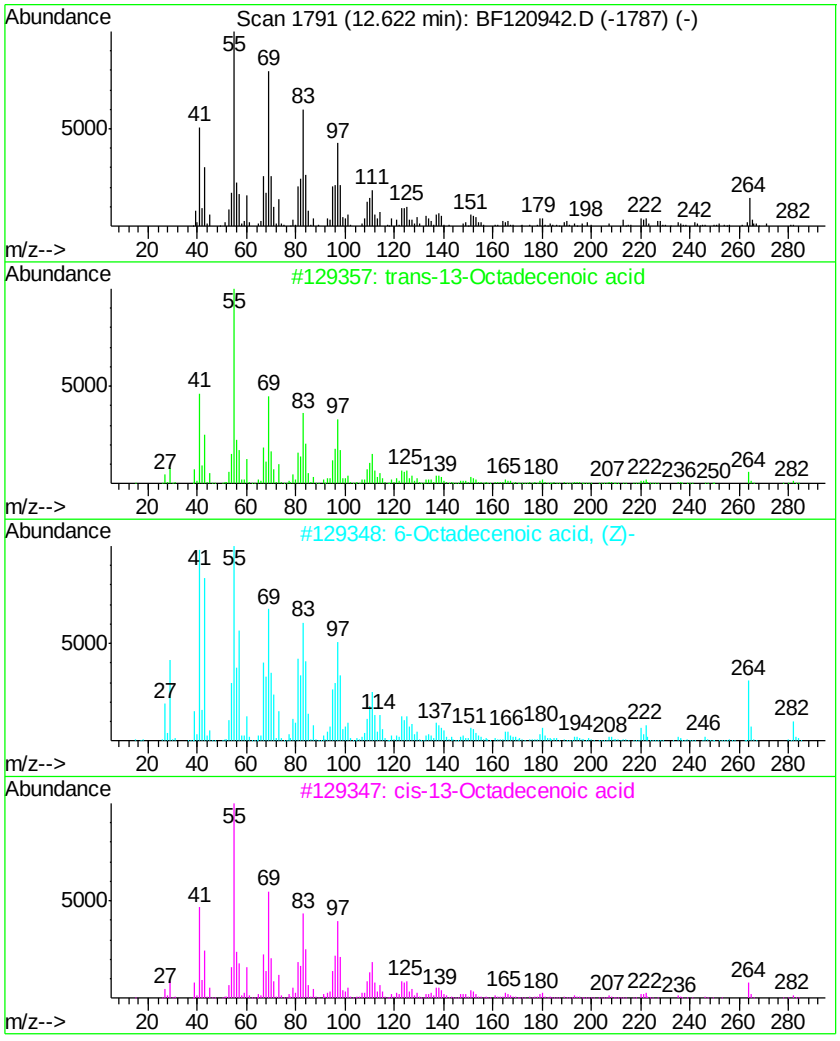
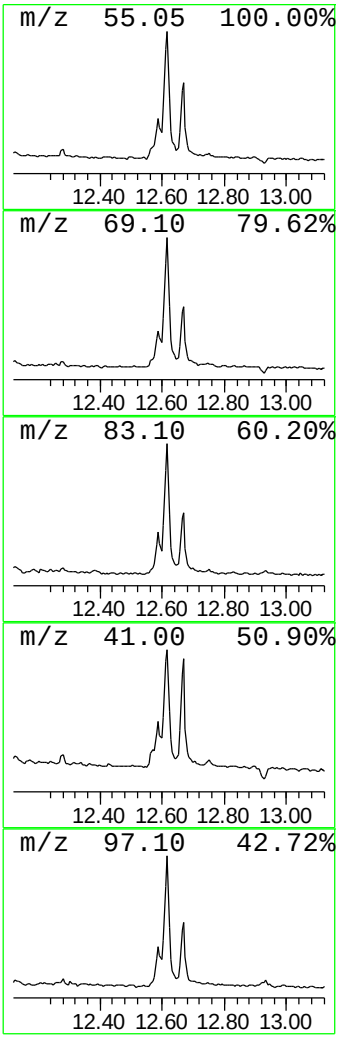
Peak Number 16 6-Octadecenoic acid, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	12.13 ng	905896	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	92
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90





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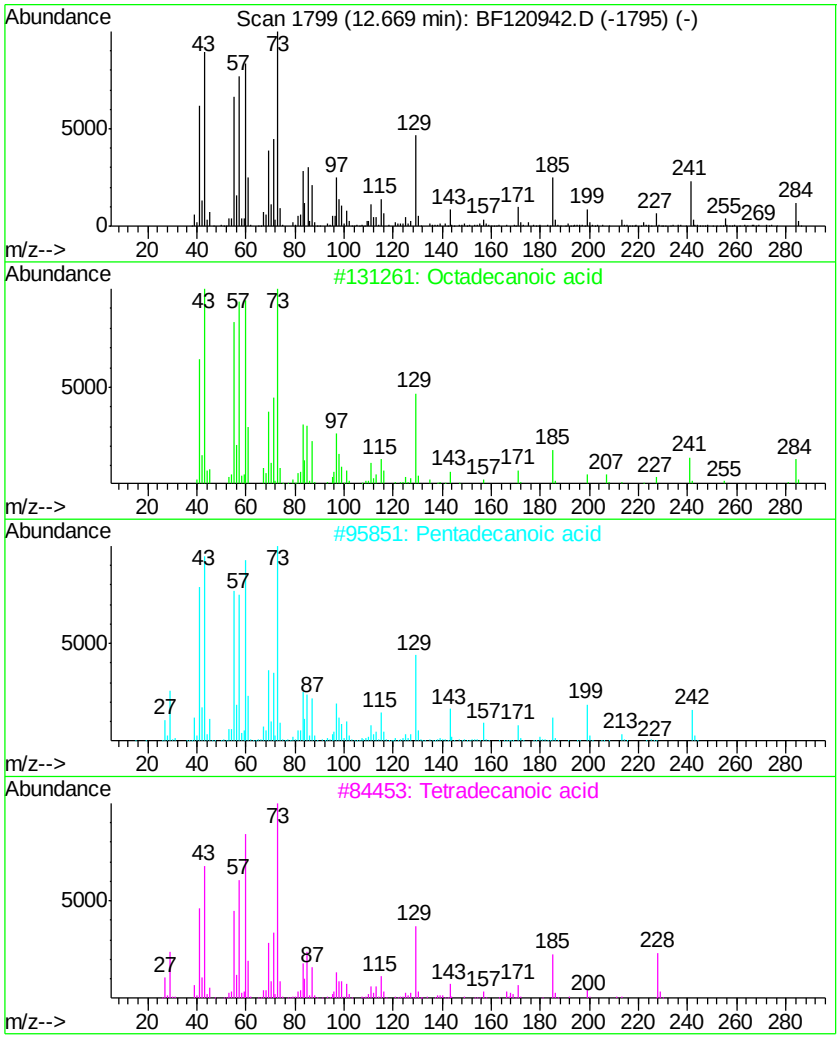
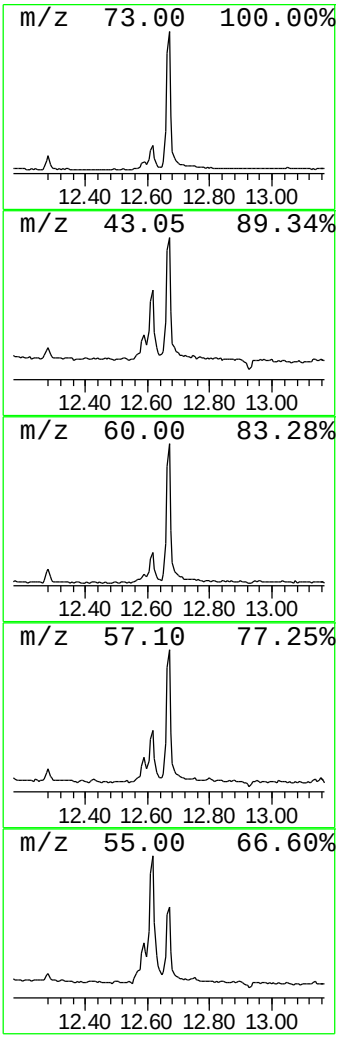
Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	12.10 ng	927338	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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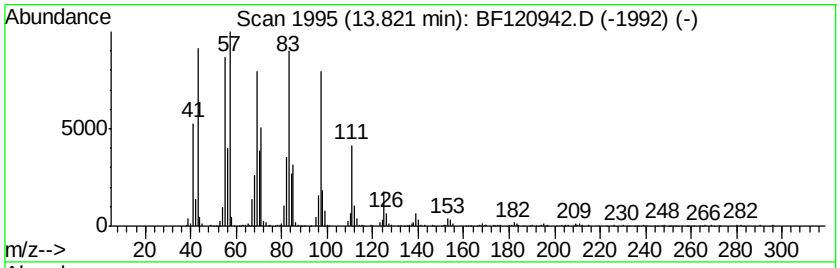
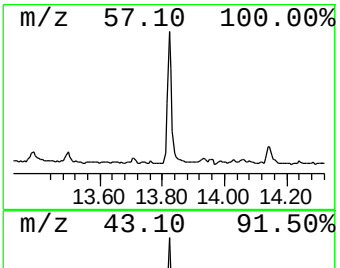
Peak Number 18 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.31 ng	483310	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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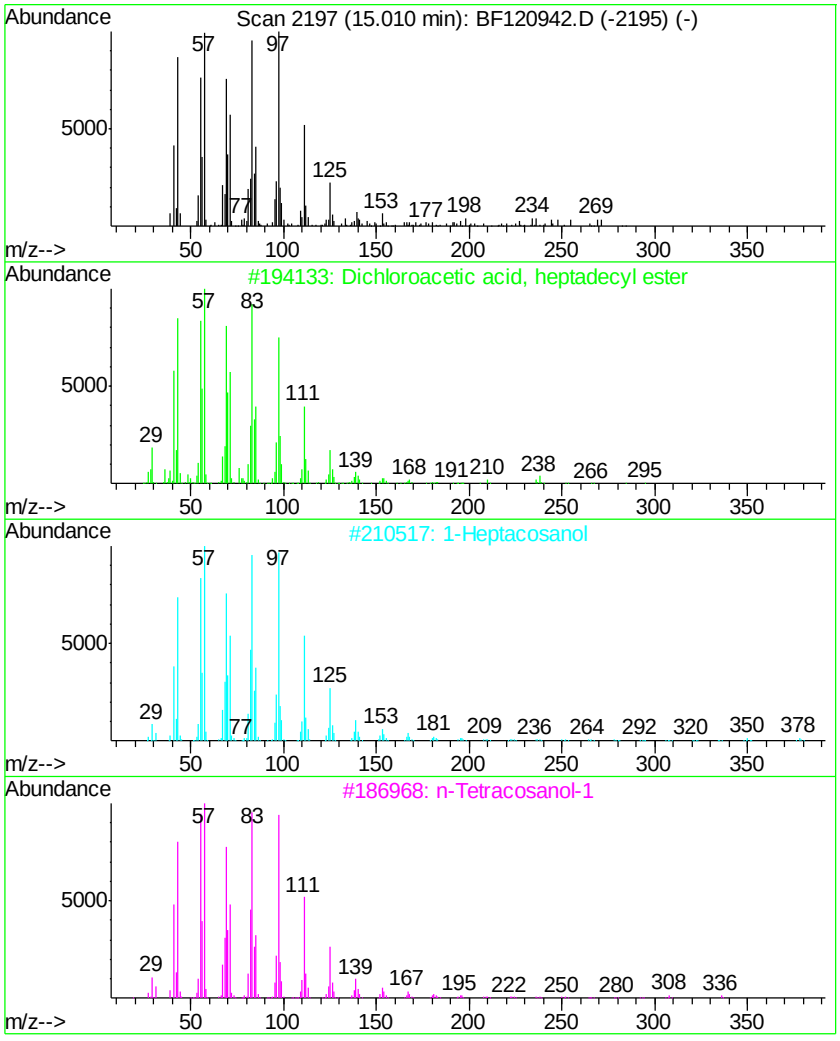
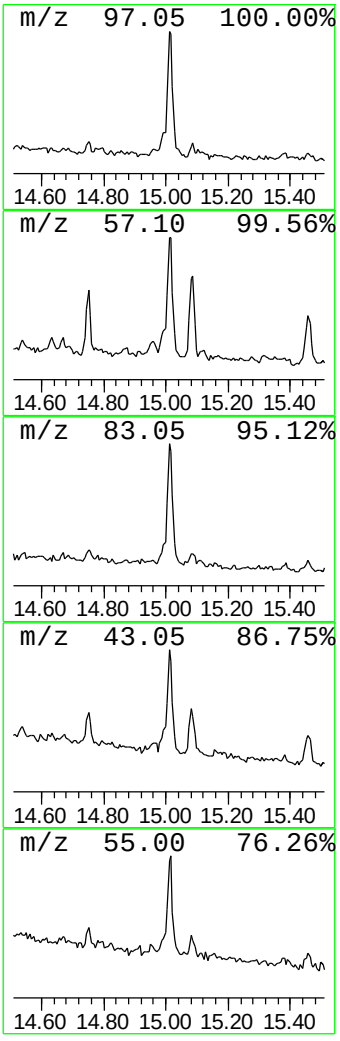
Peak Number 19 Dichloroacetic acid, heptad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.99 ng	183902	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	Triacontyl acetate	480	C32H64O2	041755-58-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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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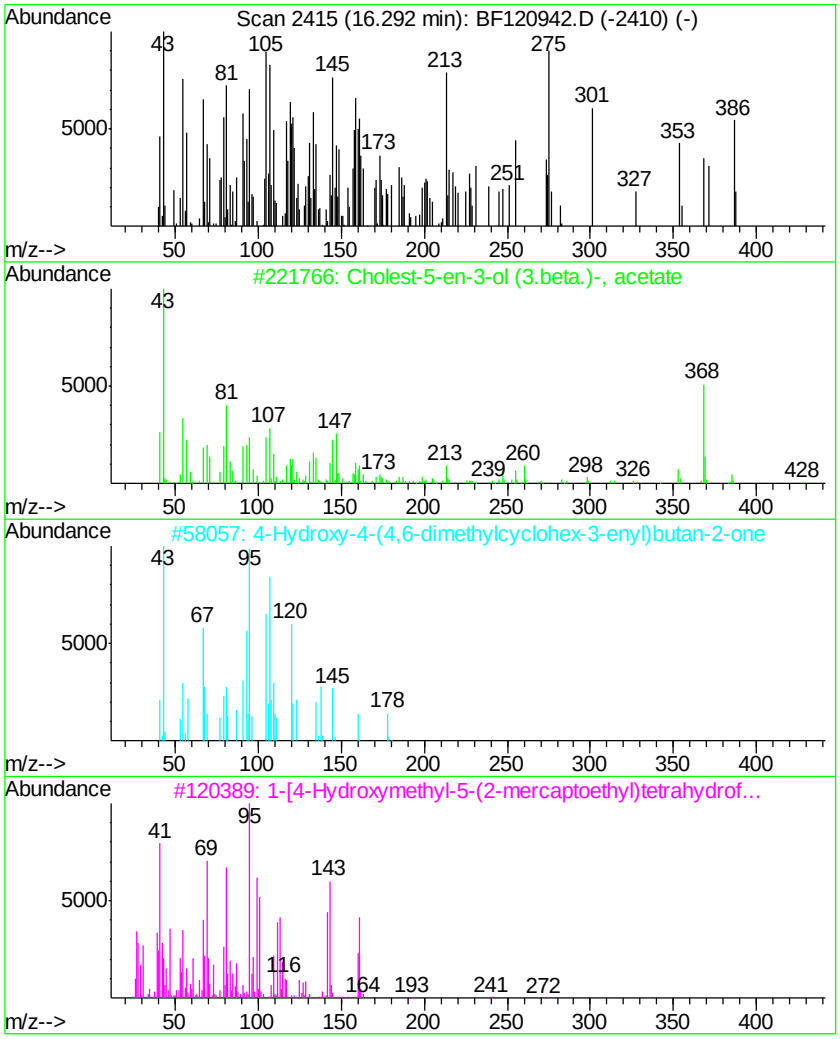
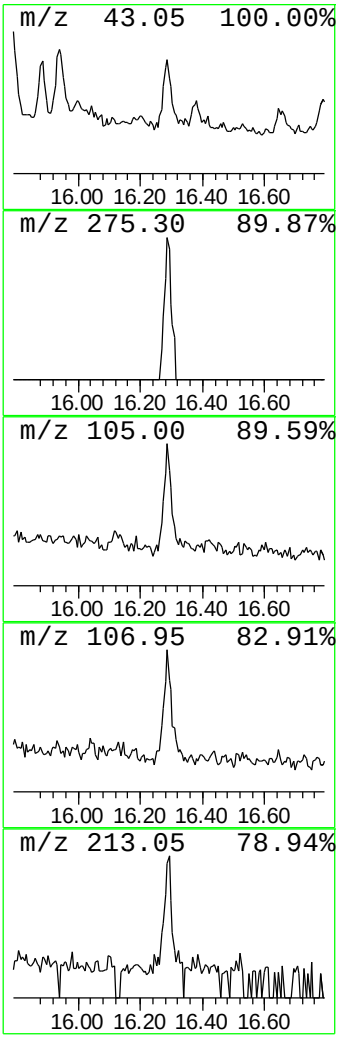
Peak Number 20 unknown16.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.77 ng	170288	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	43
2	4-Hydroxy-4-(4,6-dimethylcyclohe...	196	C12H20O2	002316-79-2	38
3	1-[4-Hydroxymethyl-5-(2-mercapto...	272	C11H16N2O4S	128453-39-4	35
4	2,3-Di(2,2-dimethylethyl)thiophe...	228	C12H20O2S	128788-12-5	18
5	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-0	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072020\
Data File : BF120942.D
Acq On : 20 Jul 2020 19:45
Operator : JU/CG
Sample : L3329-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-16R

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
1H-Indene, 2,3-di...	8.48	3.0	ng	247865	2	8.10	1653880	20.0
Benzo[b]thiophene...	8.76	2.8	ng	234302	2	8.10	1653880	20.0
Naphthalene, 2,3-...	9.51	6.7	ng	613333	3	9.85	1821310	20.0
Naphthalene, 1,7-...	9.63	3.3	ng	295979	3	9.85	1821310	20.0
Naphthalene, 1,5-...	9.71	3.1	ng	286961	3	9.85	1821310	20.0
1-Indanone, 5,6-d...	10.01	3.5	ng	321355	3	9.85	1821310	20.0
Naphthalene, 1,6,...	10.06	3.4	ng	313136	3	9.85	1821310	20.0
Naphthalene, 2,3,...	10.17	7.5	ng	680139	3	9.85	1821310	20.0
1,1'-Biphenyl, 2-...	10.46	11.4	ng	1040750	3	9.85	1821310	20.0
unknown10.55	10.55	2.9	ng	265447	3	9.85	1821310	20.0
1(2H)-Acenaphthyl...	10.76	3.1	ng	232701	4	11.34	1493100	20.0
1,1'-Biphenyl, 2,...	10.98	3.4	ng	256752	4	11.34	1493100	20.0
2-Naphthylpropion...	11.73	3.3	ng	243948	4	11.34	1493100	20.0
n-Hexadecanoic acid	11.89	24.9	ng	1859140	4	11.34	1493100	20.0
trans-13-Octadece...	12.59	3.0	ng	220785	4	11.34	1493100	20.0
6-Octadecenoic ac...	12.62	12.1	ng	905896	4	11.34	1493100	20.0
Octadecanoic acid	12.67	12.1	ng	927338	5	13.97	1532630	20.0
5-Eicosene, (E)-	13.82	6.3	ng	483310	5	13.97	1532630	20.0
Dichloroacetic ac...	15.01	3.0	ng	183902	6	15.42	1231690	20.0
unknown16.29	16.29	2.8	ng	170288	6	15.42	1231690	20.0