LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

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-BF012218.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	4.928	479	483	492	rVB	94514	133637	3.81%	0.312%
2	5.334	546	552	555	rBV	3067108	3264210	92.98%	7.629%
3	6.363	721	727	739	rBV	2878639	3510658	100.00%	8.205%
4	6.487	744	748	751	rVV	3384356	3390327	96.57%	7.924%
5	6.545	754	758	760	rBV2	36715	38713	1.10%	0.090%
6	6.716	783	787	793	rVB	1011520	840739	23.95%	1.965%
7	6.869	809	813	817	rBV	2637583	2510920	71.52%	5.868%
8	6.981	829	832	837	rVB3	33856	40237	1.15%	0.094%
9	7.287	879	884	887	rBV	2042208	2100424	59.83%	4.909%
10	7.357	892	896	898	rBV3	29575	37024	1.05%	0.087%
11	7.463	911	914	917	rVB	43896	36692	1.05%	0.086%
12	7.634	940	943	946	rVB4	40653	38199	1.09%	0.089%
13	7.998	998	1005	1007	rBV	1248362	1113905	31.73%	2.603%
14	8.016	1007	1008	1013	rVV	211011	180409	5.14%	0.422%
15	8.057	1013	1015	1024	rVB2	57600	61047	1.74%	0.143%
16	8.281	1046	1053	1056	rBV7	30825	59746	1.70%	0.140%
17	8.416	1072	1076	1078	rBV	66592	64946	1.85%	0.152%
18	8.534	1093	1096	1098	rBV2	46276	46432	1.32%	0.109%
19	8.586	1103	1105	1108	rVV	51995	40335	1.15%	0.094%
20	8.710	1123	1126	1129	rBV	135447	105920	3.02%	0.248%
21	8.781	1133	1138	1140	rBV2	63376	97459	2.78%	0.228%
22	8.810	1140	1143	1147	rVV	128587	135076	3.85%	0.316%
23	8.869	1151	1153	1156	rBV3	36374	42426	1.21%	0.099%
24	8.898	1156	1158	1163	rVB4	36426	48118	1.37%	0.112%
25	9.016	1175	1178	1182	rBV	124932	96445	2.75%	0.225%
26	9.075	1183	1188	1191	rBV	3495995	3221243	91.76%	7.528%
27	9.151	1197	1201	1203	rBV	156577	155276	4.42%	0.363%
28	9.269	1218	1221	1223	rBV	51915	44557	1.27%	0.104%
29	9.339	1230	1233	1236	rBV2	65626	61277	1.75%	0.143%
30	9.410	1242	1245	1247	rBV	104114	117341	3.34%	0.274%
31	9.433	1247	1249	1251	rVV2	73669	66245	1.89%	0.155%
32	9.469	1251	1255	1258	rVB	890243	720692	20.53%	1.684%
33	9.610	1276	1279	1284	rBV2	122982	130464	3.72%	0.305%
34	9.657	1284	1287	1289	rBV	114403	100866	2.87%	0.236%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.681	1289	1291	1295	rBV	183378	144314	4.11%	0.337%
36	9.751	1299	1303	1306	rVV	1270407	1150913	32.78%	2.690%
37	9.781	1306	1308	1312	rVB	364051	295941	8.43%	0.692%
38	9.857	1318	1321	1324	rBV3	72130	72834	2.07%	0.170%
39	9.904	1327	1329	1333	rVV3	71792	88876	2.53%	0.208%
40	9.957	1333	1338	1342	rVB2	203675	256268	7.30%	0.599%
41	10.004	1342	1346	1349	rBV4	99488	130748	3.72%	0.306%
42	10.063	1354	1356	1360	rBV4	83179	133830	3.81%	0.313%
43	10.151	1368	1371	1373	rBV3	148917	149793	4.27%	0.350%
44	10.180	1373	1376	1378	rVV	202793	187492	5.34%	0.438%
45	10.204	1378	1380	1383	rVV3	55876	53070	1.51%	0.124%
46	10.298	1392	1396	1401	rBV	336775	317258	9.04%	0.741%
47	10.398	1410	1413	1416	rVB	249461	249983	7.12%	0.584%
48	10.451	1420	1422	1426	rVB2	96259	85884	2.45%	0.201%
49	10.545	1434	1438	1441	rBV	1597652	1537949	43.81%	3.594%
50	10.663	1454	1458	1465	rVB	534712	721564	20.55%	1.686%
51	11.127	1535	1537	1542	rVB2	405369	424726	12.10%	0.993%
52	11.239	1552	1556	1558	rBV	905797	941327	26.81%	2.200%
53	11.263	1558	1560	1563	rVV	1739456	1319623	37.59%	3.084%
54	11.310	1566	1568	1571	rVB	373873	318959	9.09%	0.745%
55	11.475	1593	1596	1600	rBV2	206675	216105	6.16%	0.505%
56	11.739	1638	1641	1643	rBV	203077	202764	5.78%	0.474%
57	11.769	1643	1646	1650	rVB	376863	326231	9.29%	0.762%
58	11.851	1657	1660	1662	rBV2	314554	294701	8.39%	0.689%
59	12.033	1689	1691	1693	rBV	116999	93246	2.66%	0.218%
60	12.457	1759	1763	1766	rBV	1254884	1169682	33.32%	2.734%
61	12.680	1796	1801	1807	rBV	1198704	1364728	38.87%	3.190%
62	12.827	1822	1826	1832	rVB	1859809	1847970	52.64%	4.319%
63	13.880	2001	2005	2008	rBV3	766102	1079793	30.76%	2.524%
64	13.910	2008	2010	2016	rVB	513915	426416	12.15%	0.997%
65	15.262	2237	2240	2245	rVB	593075	775557	22.09%	1.813%
66	15.968	2357	2360	2372	rVB	979538	2026894	57.74%	4.737%
67	16.374	2425	2429	2443	rVB	839383	1730159	49.28%	4.044%

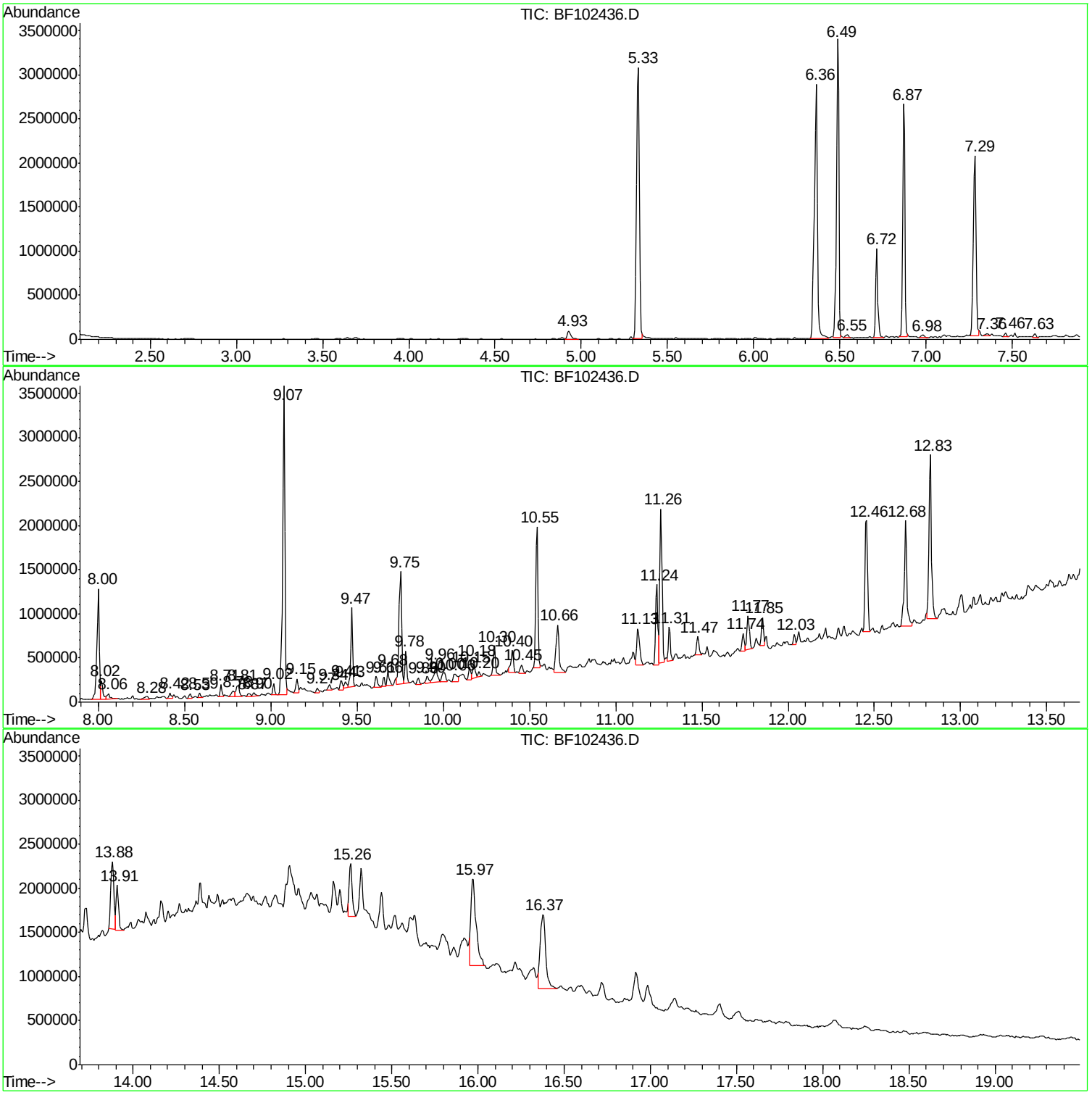
Sum of corrected areas: 42787603

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

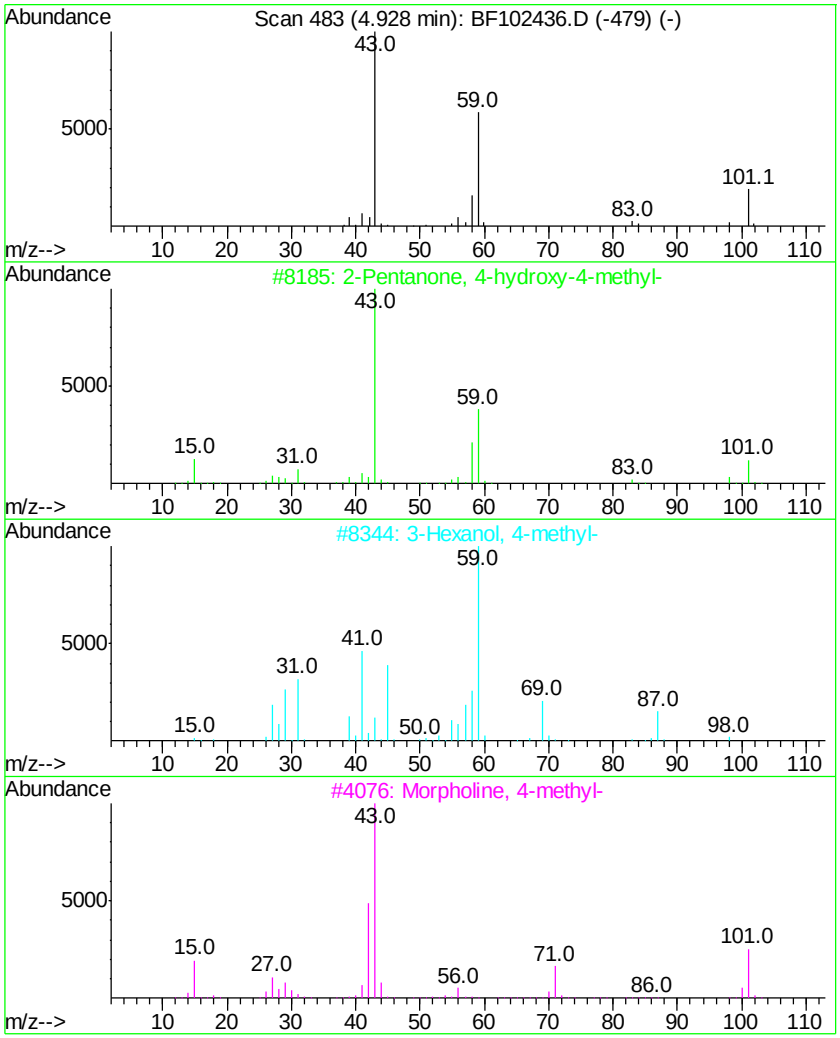
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

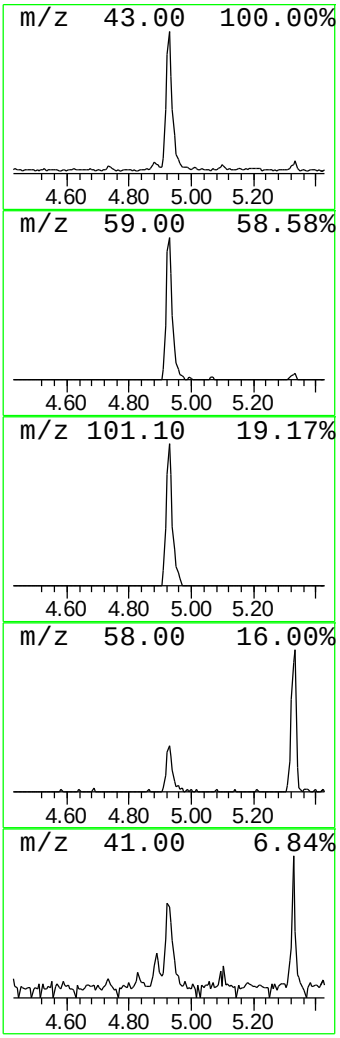
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	3.18 ng	133637	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

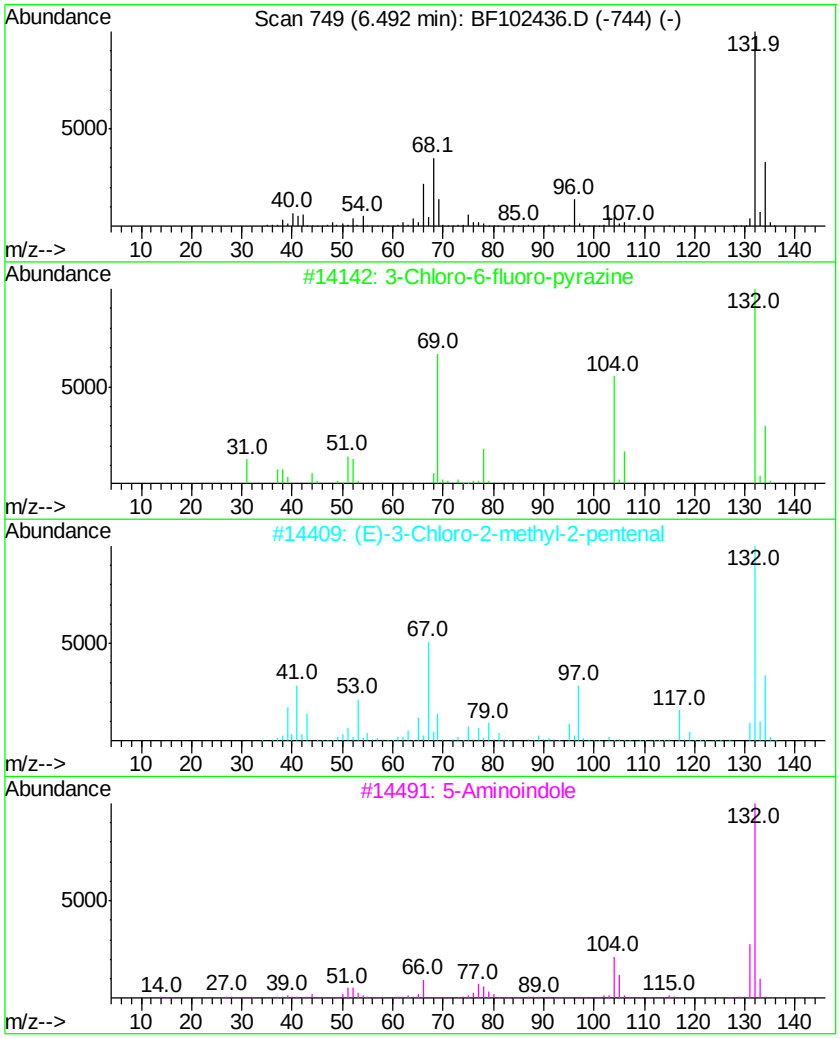
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

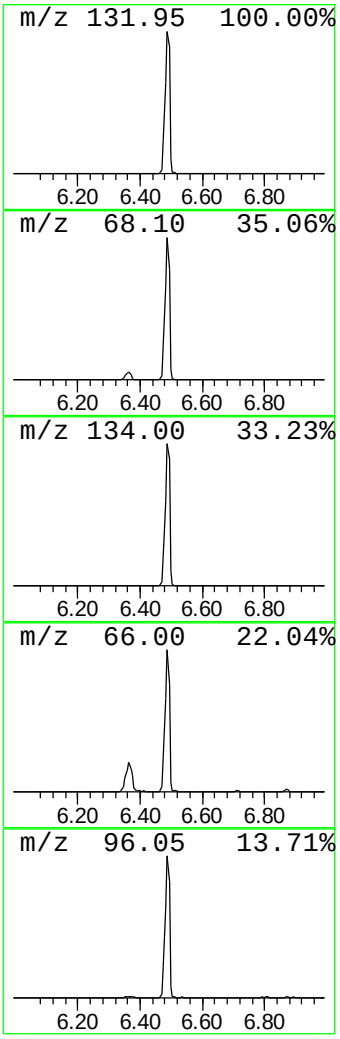
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	80.65 ng	3390330	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

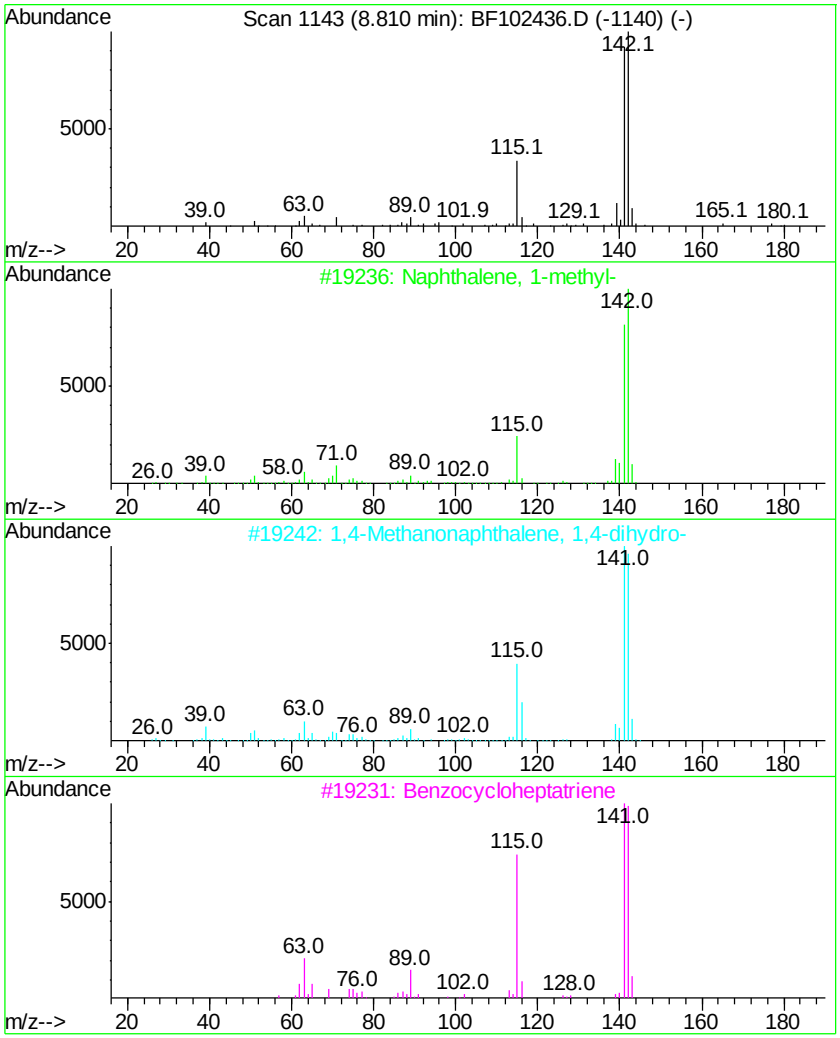
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

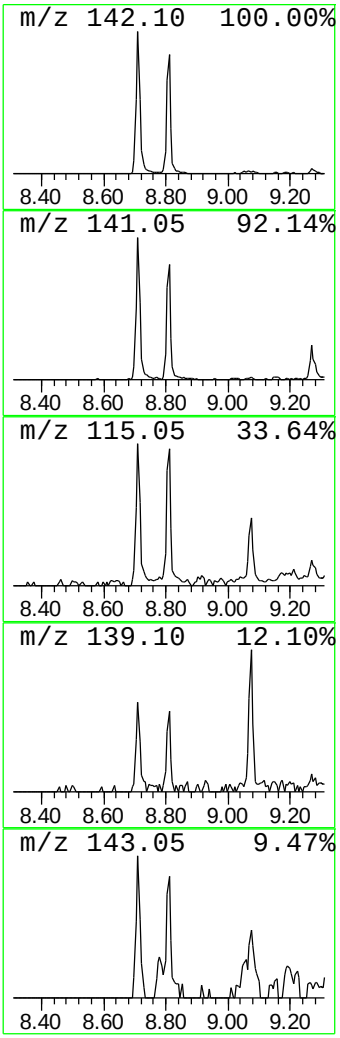
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.43 ng	135076	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

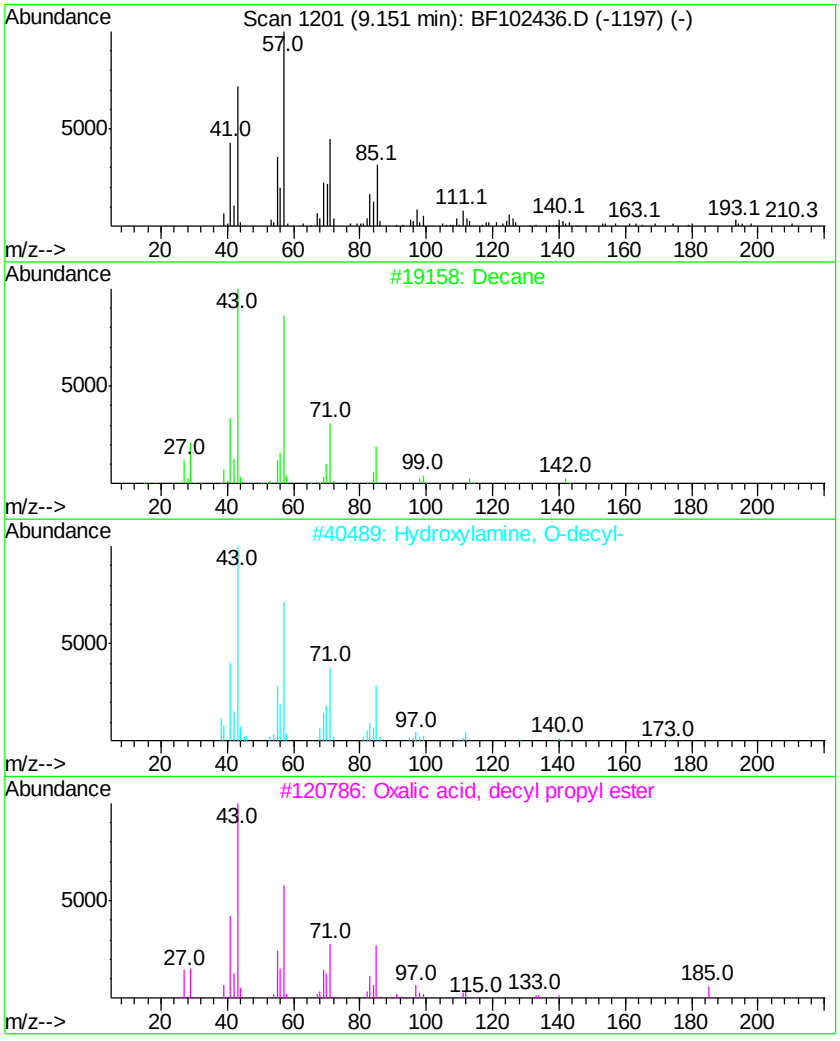
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

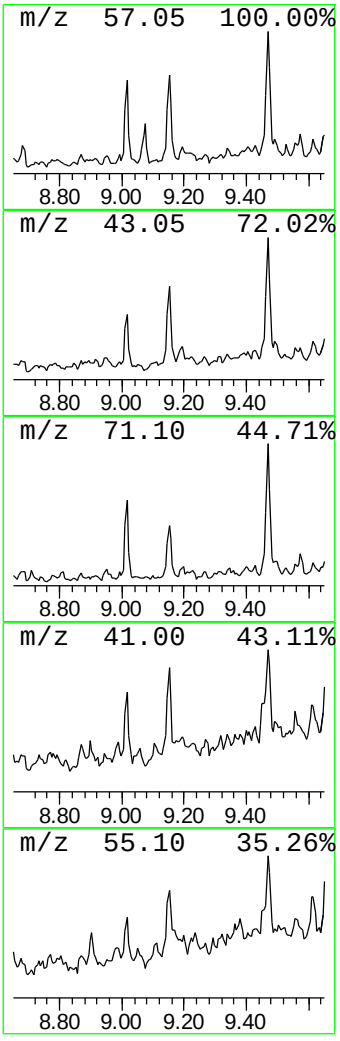
****

Peak Number 5 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.70 ng	155276	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	86
3	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	78
4	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	64
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

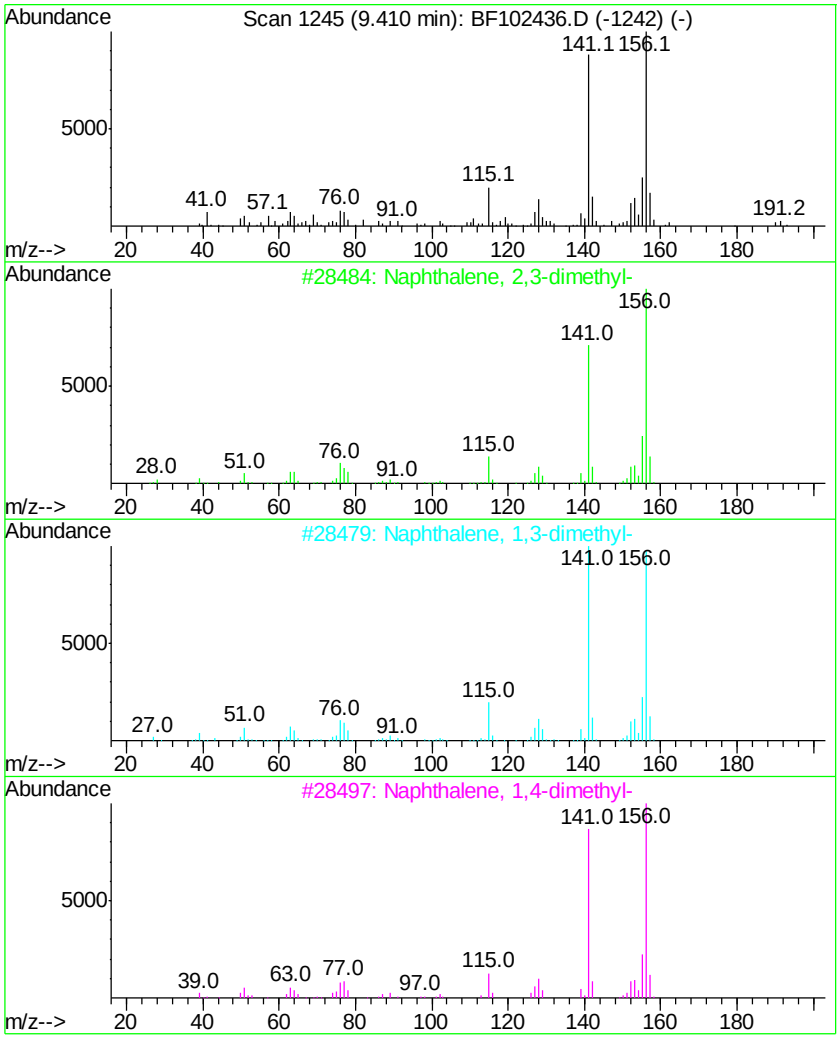
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

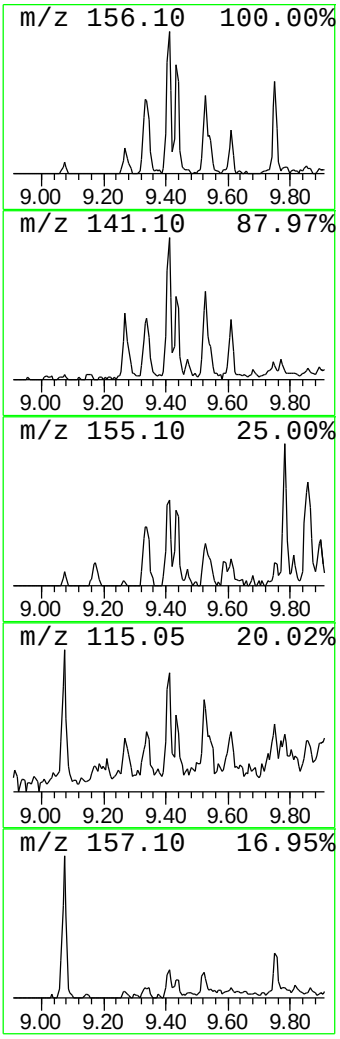
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.04 ng	117341	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

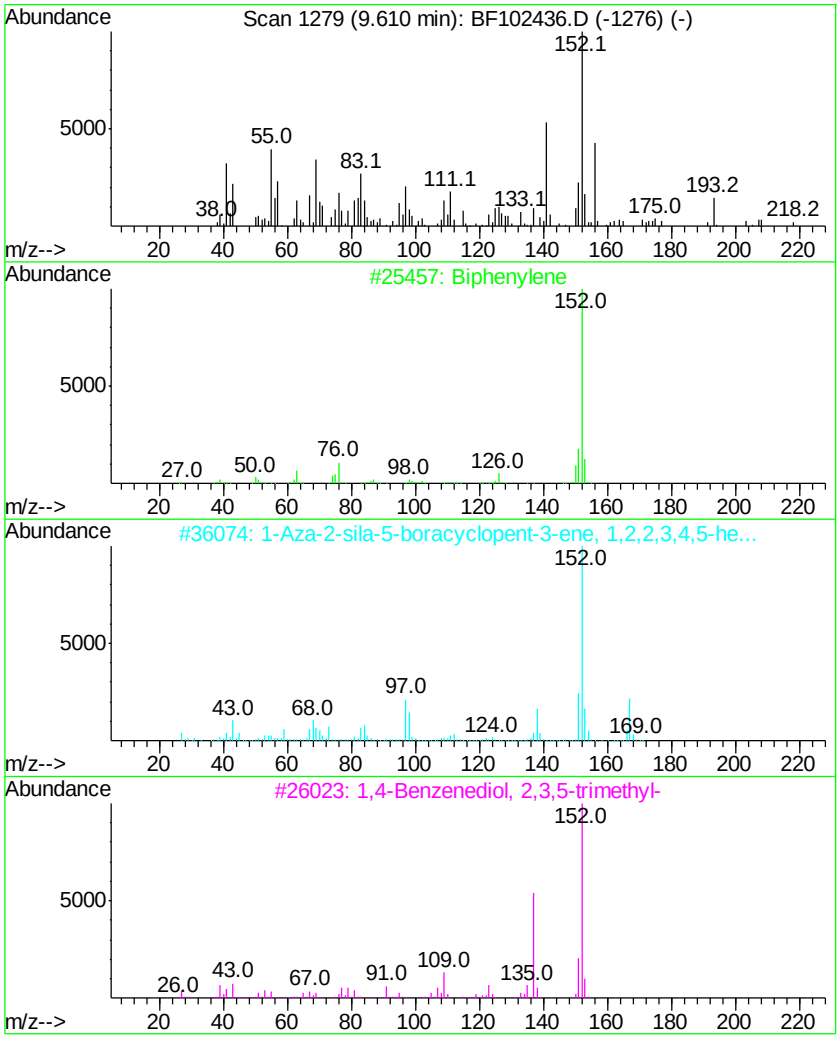
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

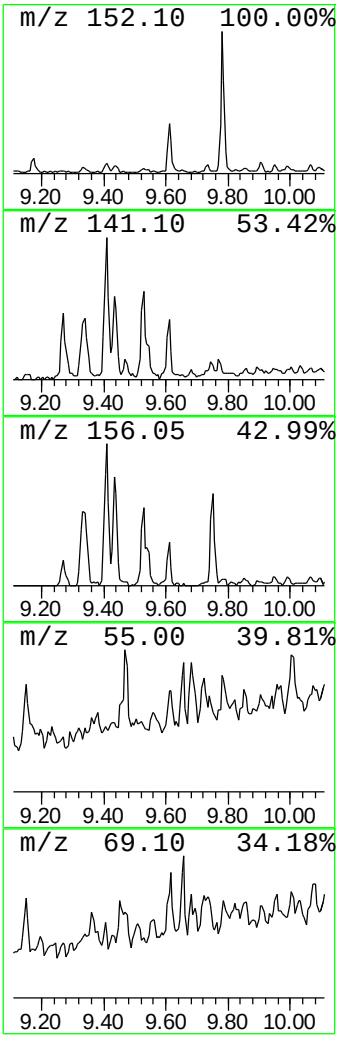
****

Peak Number 7 unknown9.61 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.27 ng	130464	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	46
2	1-Aza-2-sila-5-boracyclopent-3-e...	167	C8H18BNSi	125212-69-3	43
3	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	38
4	Acenaphthylene	152	C12H8	000208-96-8	38
5	4H-1-Benzothiopyran-4-one, 2,3-d...	194	C10H10O2S	029373-04-4	35





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

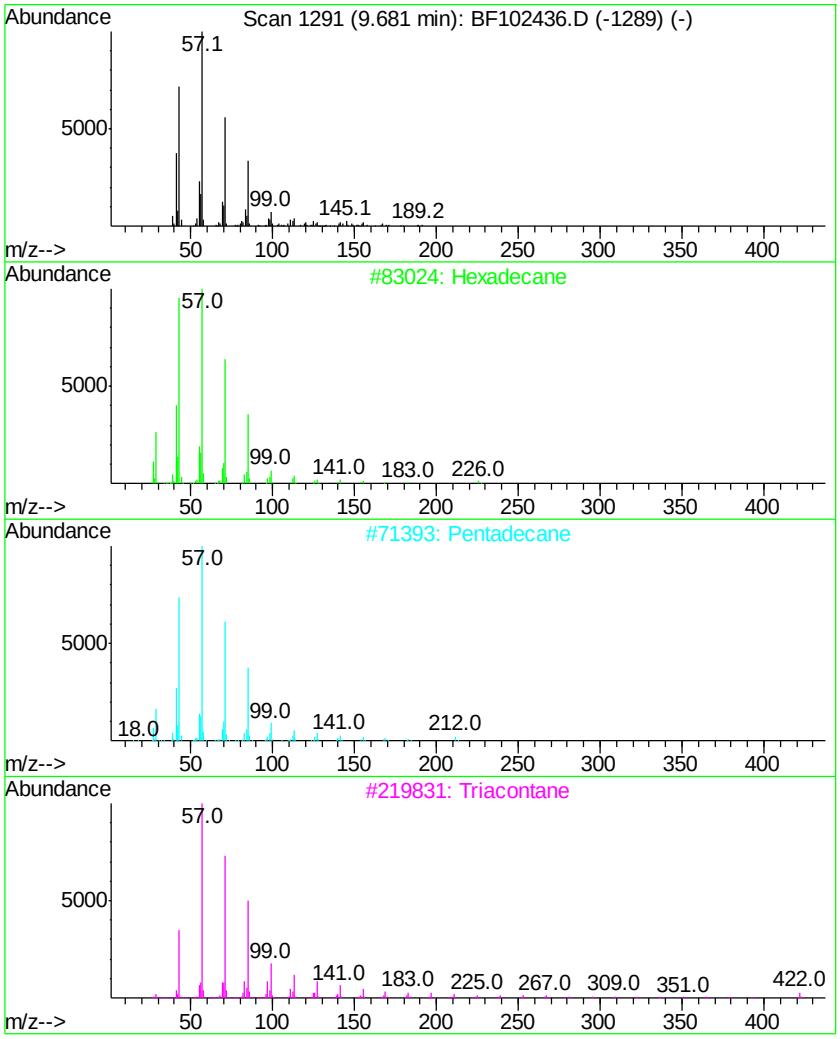
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

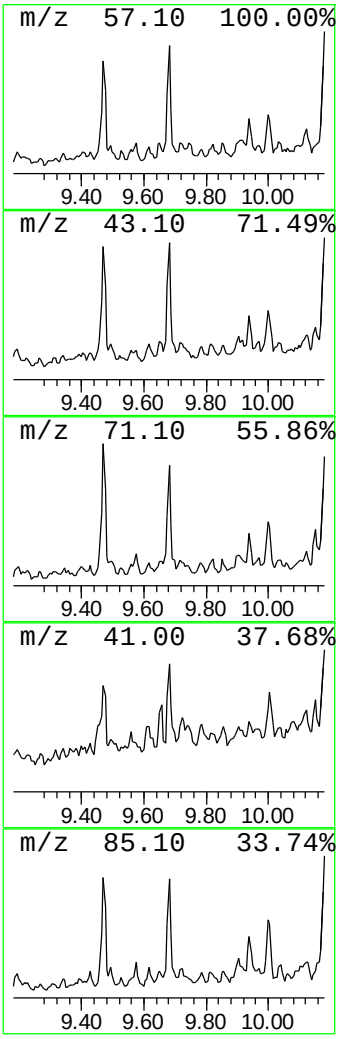
****

Peak Number 8 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.51 ng	144314	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Triacontane	422	C30H62	000638-68-6	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

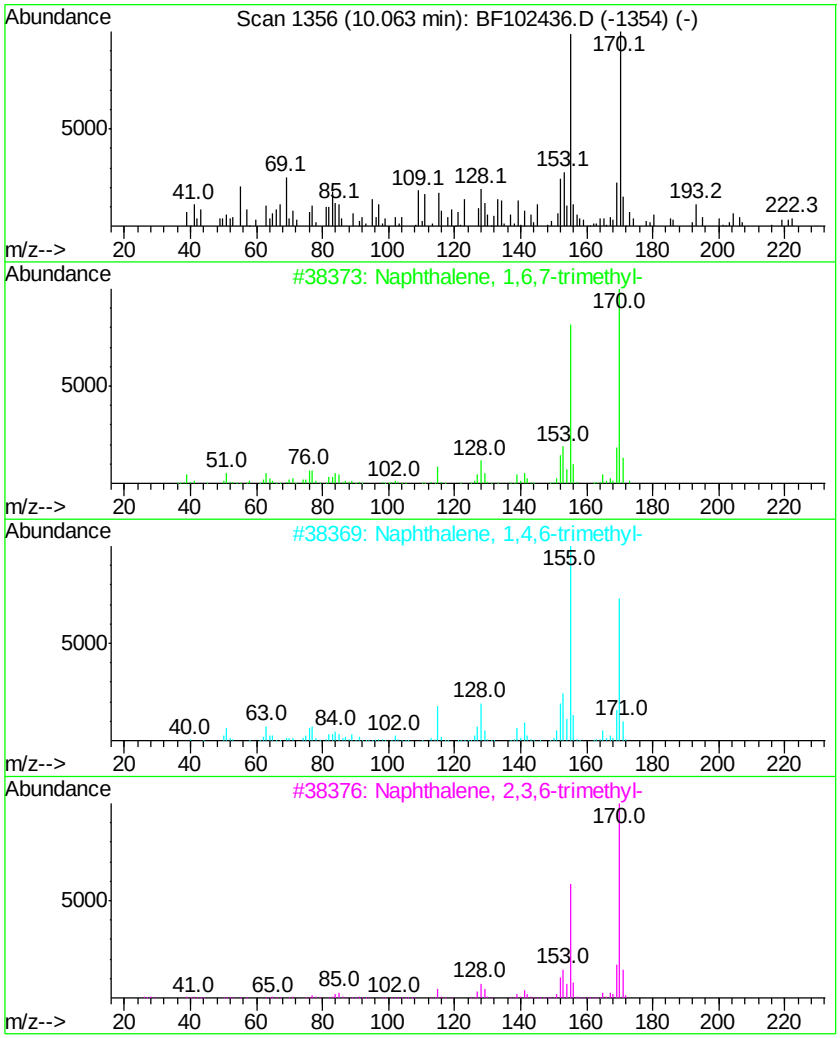
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

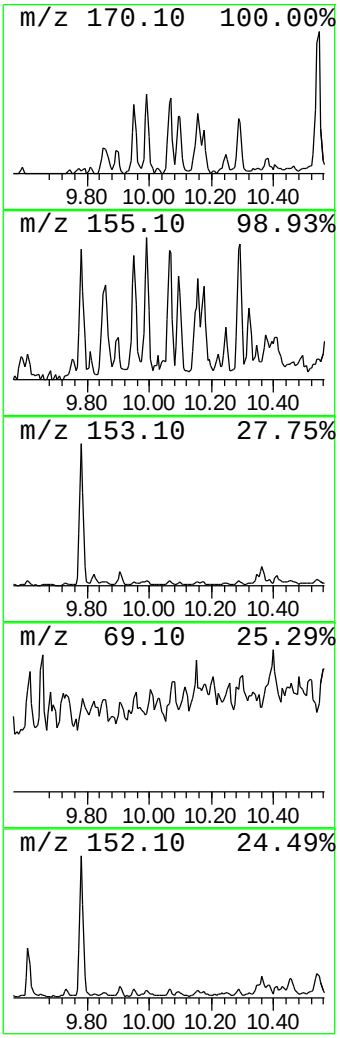
****

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.33 ng	133830	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

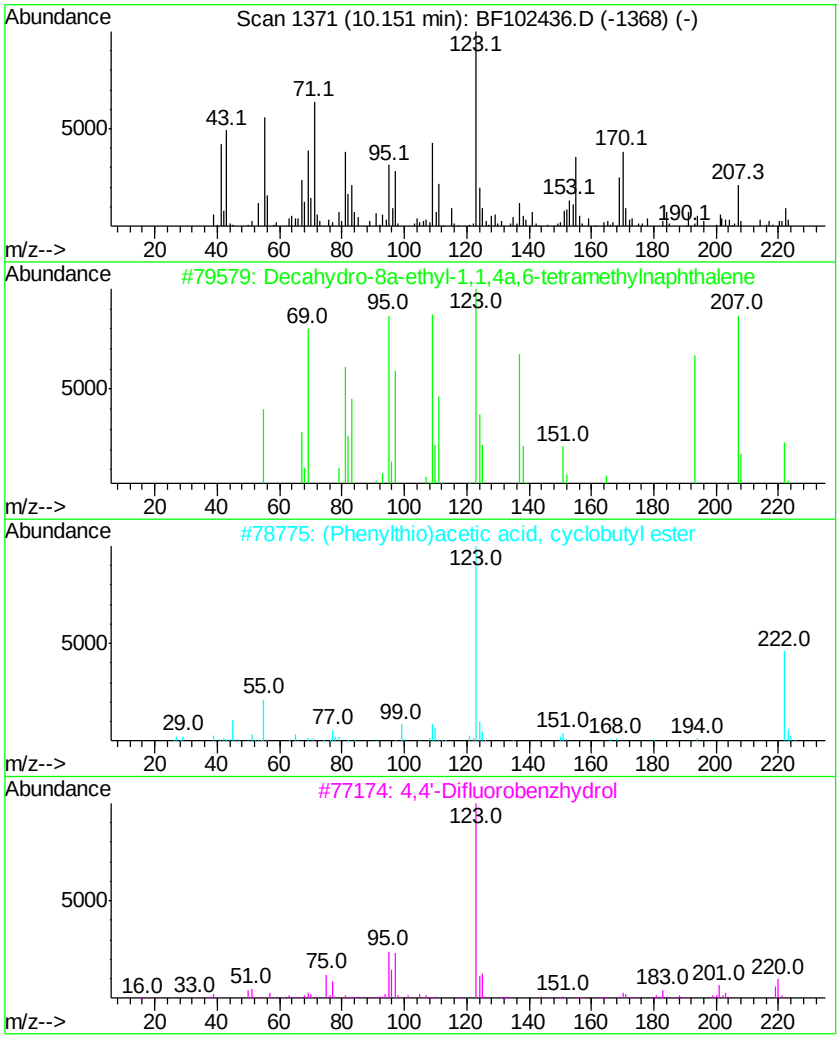
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

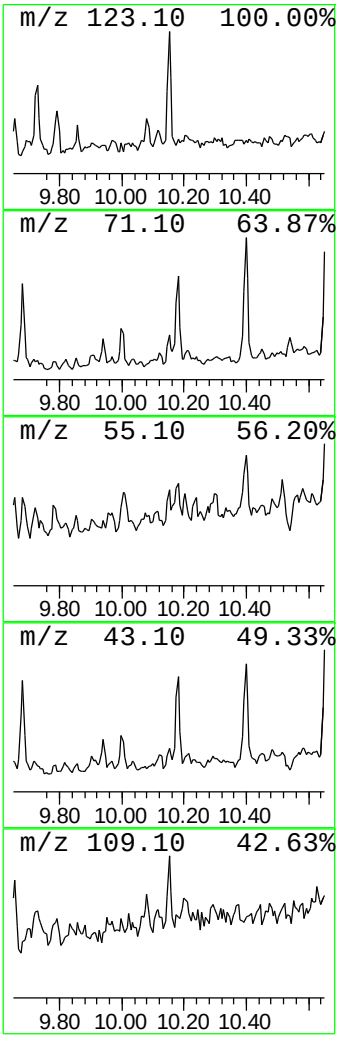
****

Peak Number 10 unknown10.15 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.60 ng	149793	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	41
2	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	22
3	4,4'-Difluorobenzhydrol	220	C13H10F2O	000365-24-2	22
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	18
5	Imidazole-2-hydrazide-1-carboxyl...	154	C5H6N4O2	1000126-42-2	18





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

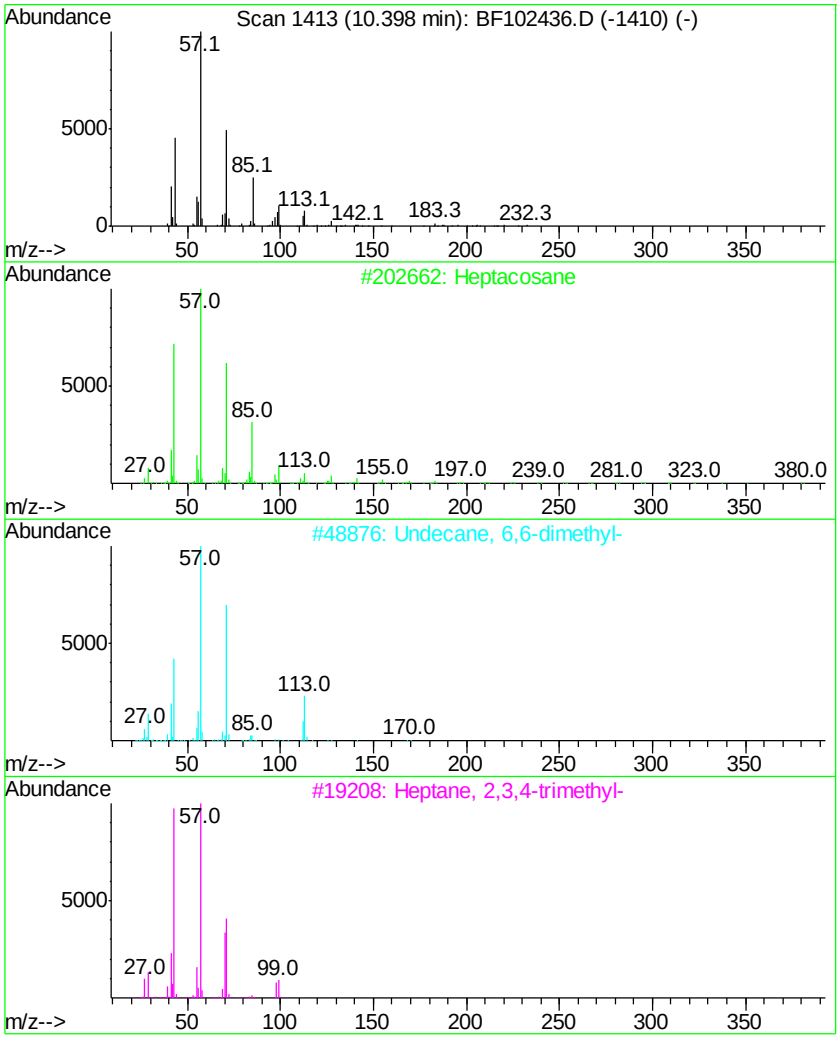
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

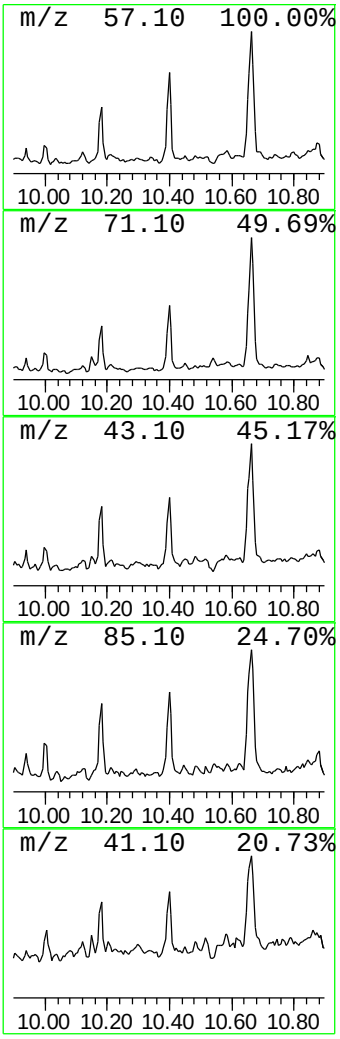
****

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.34 ng	249983	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	59
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5	2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

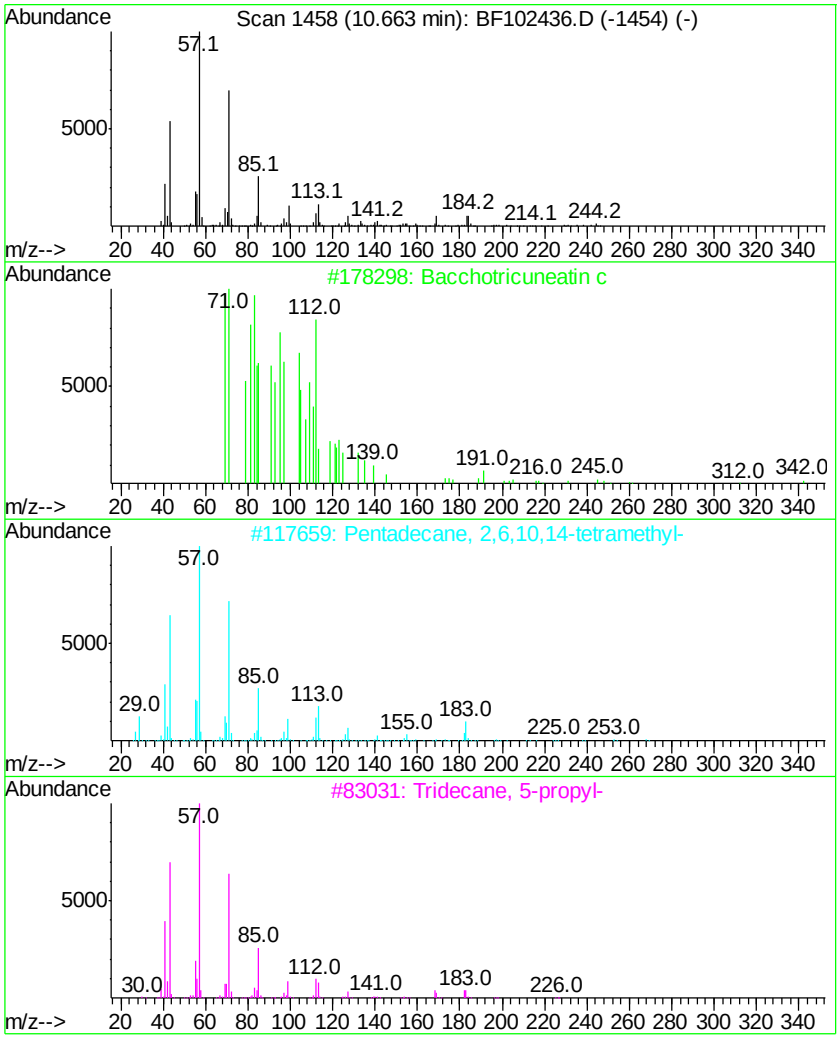
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

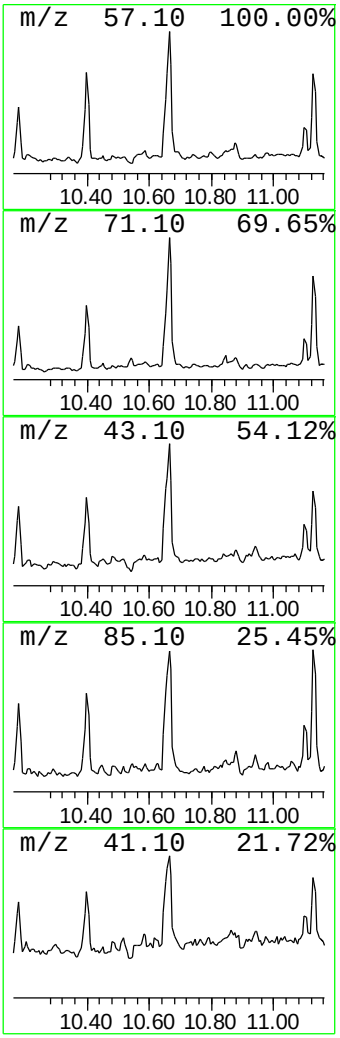
****

Peak Number 13 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	15.33 ng	721564	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

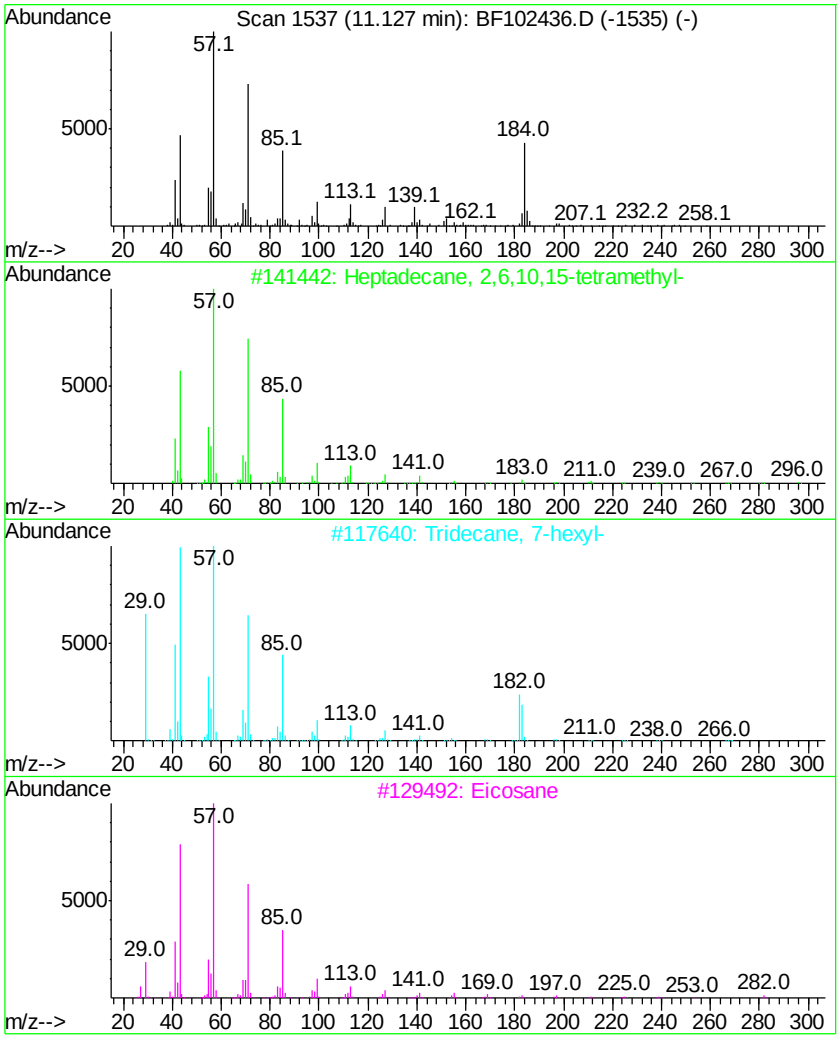
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

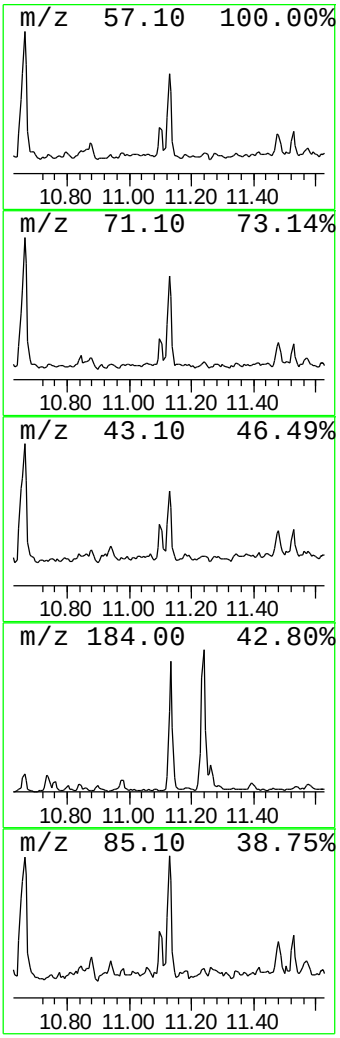
****

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.02 ng	424726	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	59
3	Eicosane	282	C20H42	000112-95-8	53
4	Decane, 3-methyl-	156	C11H24	013151-34-3	52
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

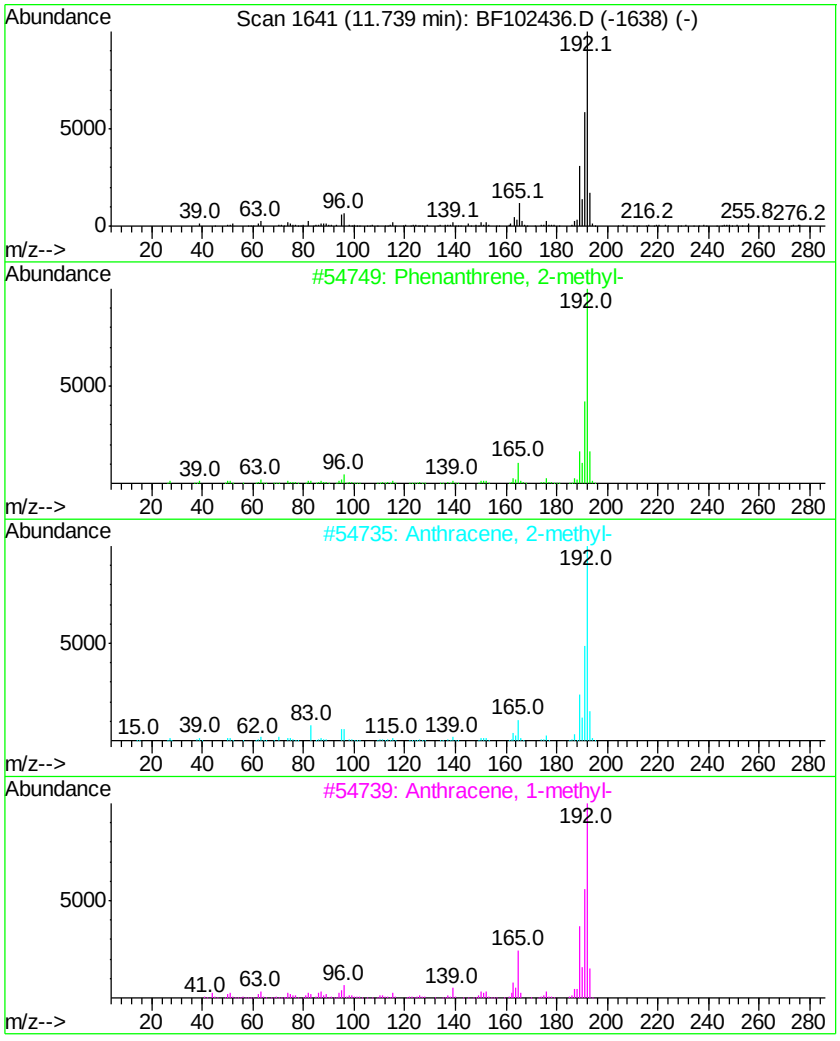
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

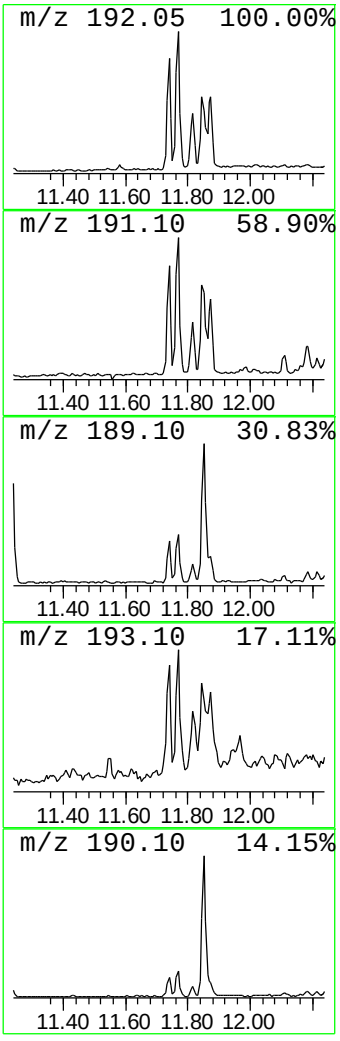
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.31 ng	202764	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

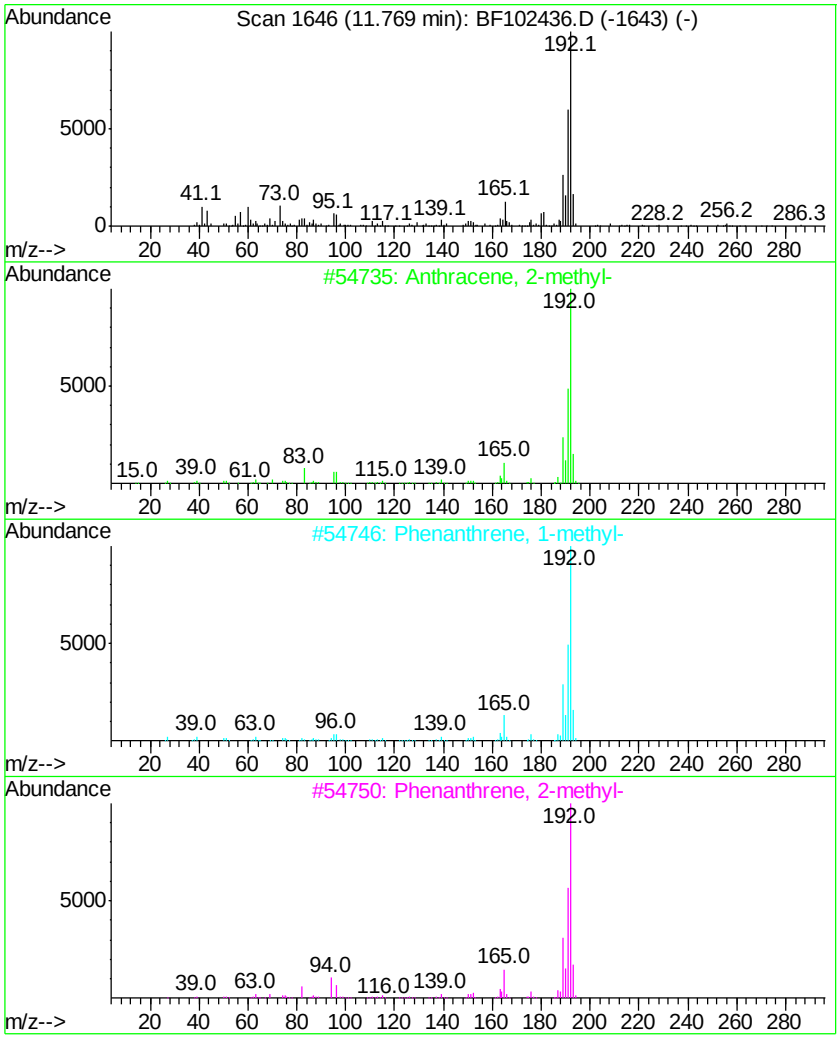
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

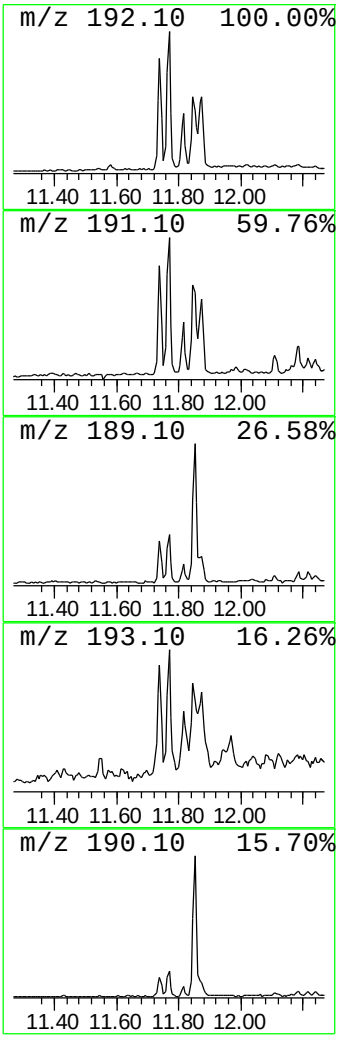
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.93 ng	326231	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

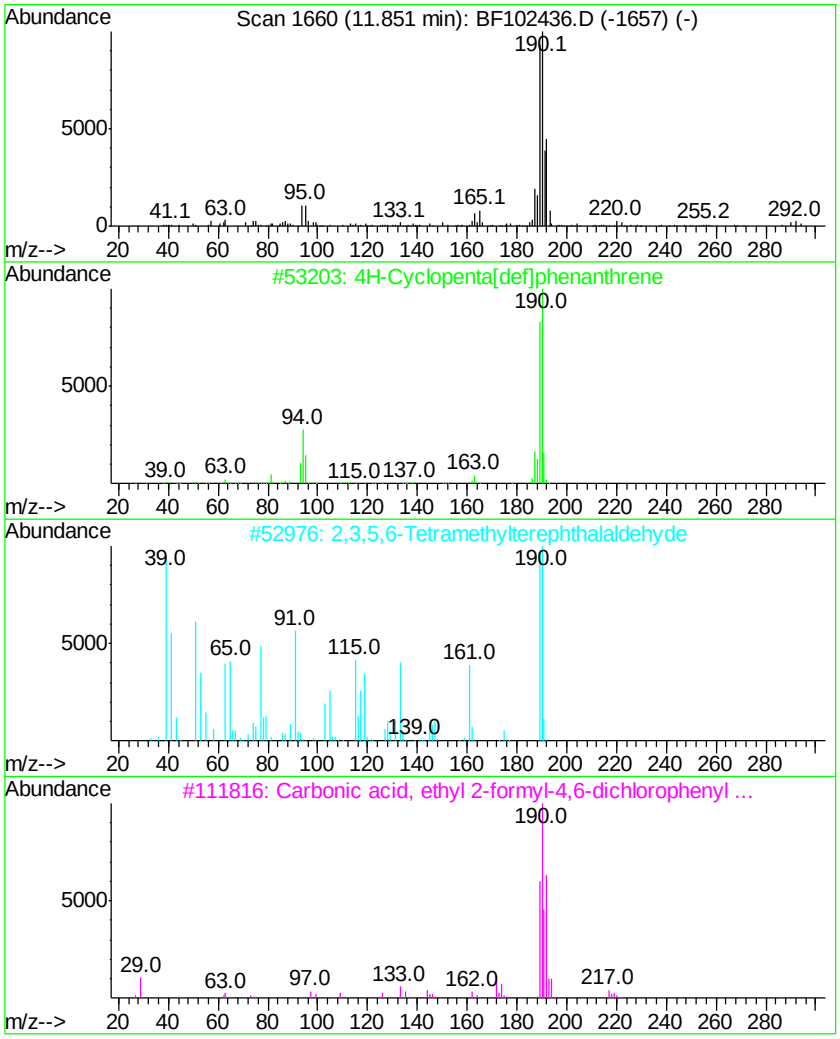
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

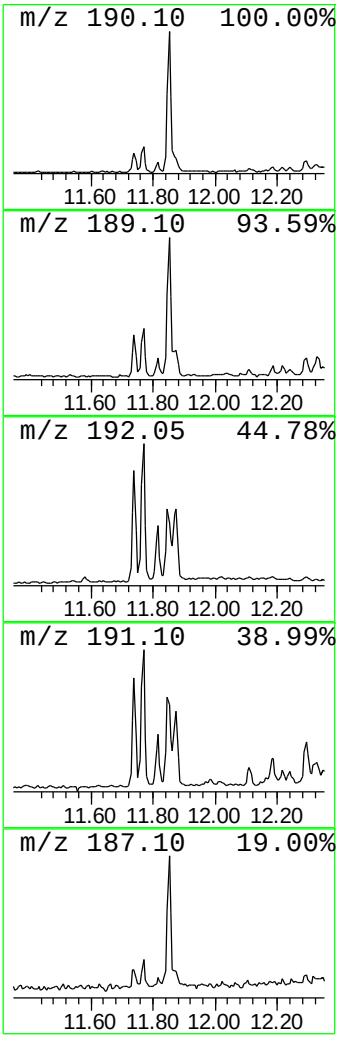
****

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.26 ng	294701	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	25





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

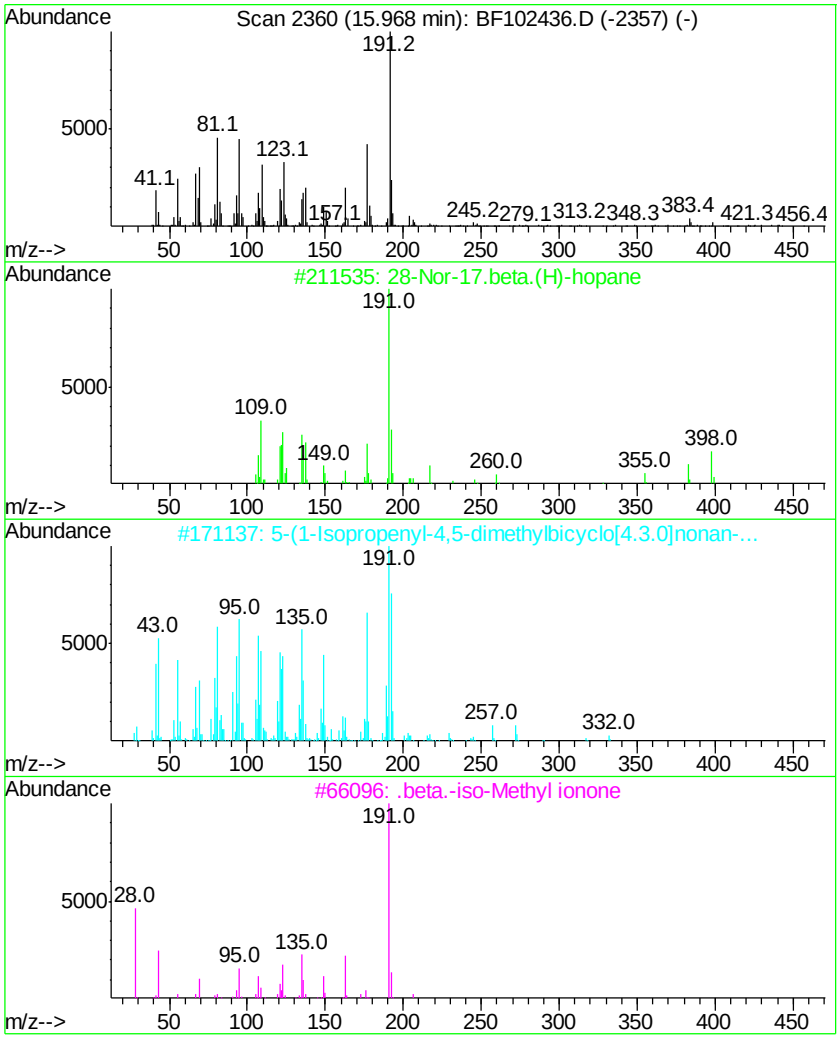
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

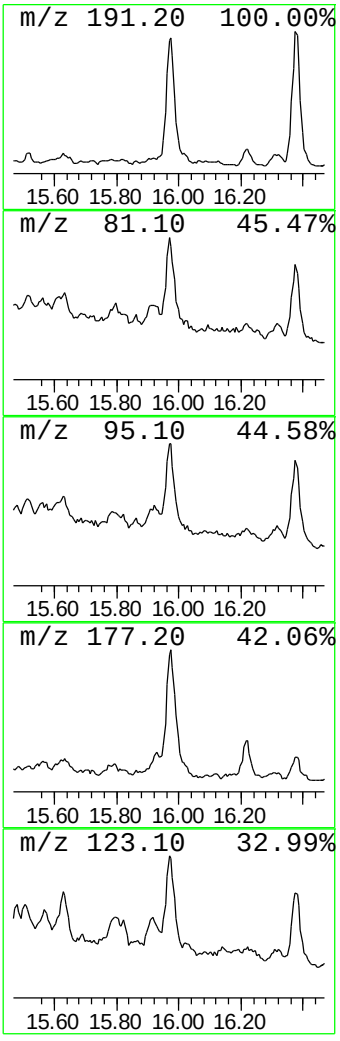
****

Peak Number 18 28-Nor-17.beta.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	52.27 ng	2026890	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	68
2	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	45
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	25





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

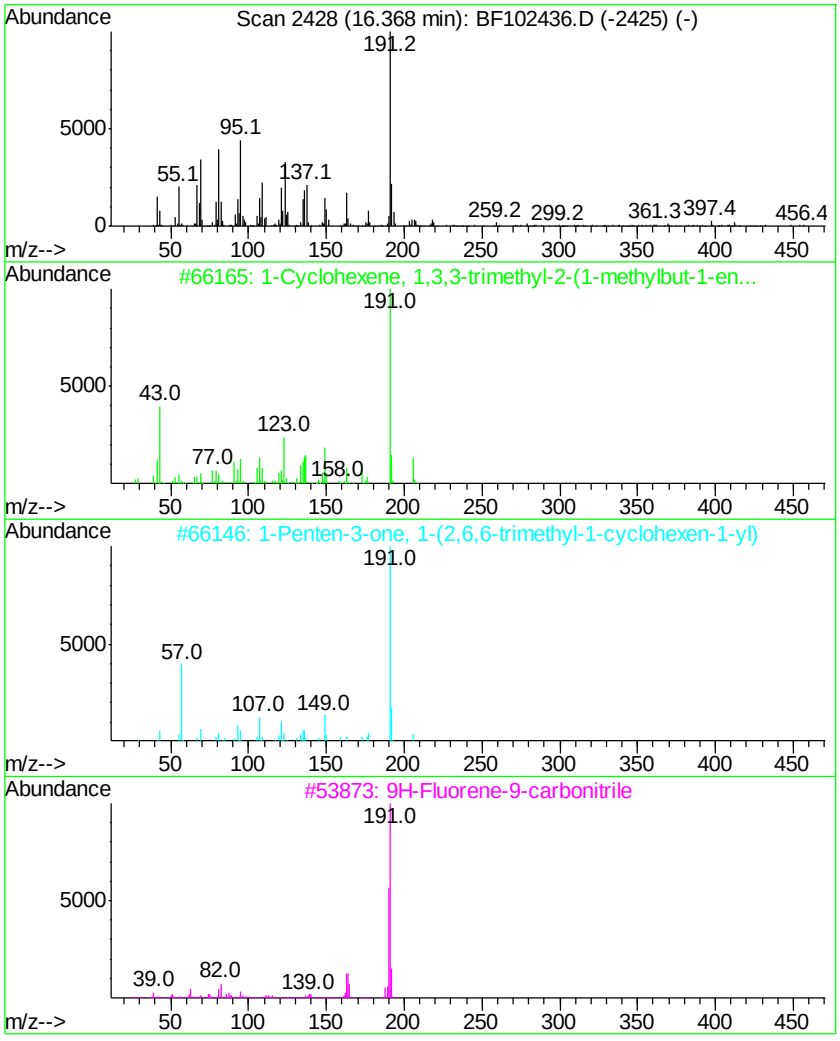
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

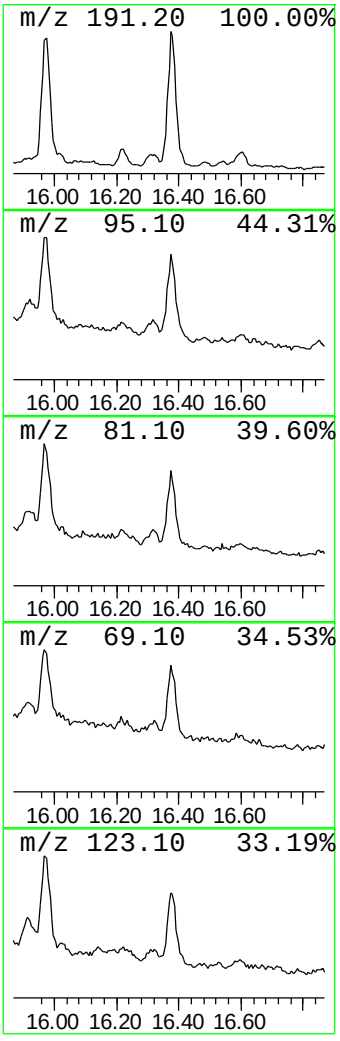
****

Peak Number 19 unknown16.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	44.62 ng	1730160	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	38
4	Acetamide, N-[3-[[(2,5-dioxo-1-p...	303	C16H21N3O3	027550-64-7	35
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(SW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	3.2	ng	133637	1	6.72	840739	20.0
unknown6.49	6.49	80.7	ng	3390330	1	6.72	840739	20.0
Naphthalene, 1-me...	8.81	2.4	ng	135076	2	8.00	1113910	20.0
Decane	9.15	2.7	ng	155276	3	9.75	1150910	20.0
Naphthalene, 2,3-...	9.41	2.0	ng	117341	3	9.75	1150910	20.0
unknown9.61	9.61	2.3	ng	130464	3	9.75	1150910	20.0
Hexadecane	9.68	2.5	ng	144314	3	9.75	1150910	20.0
Naphthalene, 1,6,...	10.06	2.3	ng	133830	3	9.75	1150910	20.0
unknown10.15	10.15	2.6	ng	149793	3	9.75	1150910	20.0
Heptacosane	10.40	4.3	ng	249983	3	9.75	1150910	20.0
Bacchotricuneatin c	10.66	15.3	ng	721564	4	11.24	941327	20.0
Heptadecane, 2,6,...	11.13	9.0	ng	424726	4	11.24	941327	20.0
Phenanthrene, 2-m...	11.74	4.3	ng	202764	4	11.24	941327	20.0
Anthracene, 2-met...	11.77	6.9	ng	326231	4	11.24	941327	20.0
4H-Cyclopenta[def...	11.85	6.3	ng	294701	4	11.24	941327	20.0
28-Nor-17.beta.(H...	15.97	52.3	ng	2026890	6	15.32	775557	20.0
unknown16.37	16.37	44.6	ng	1730160	6	15.32	775557	20.0