LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

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-BF081715.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	3.876	171	174	178	rBV	24307	41595	1.06%	0.113%
2	4.641	238	241	256	rVB	922571	1856210	47.16%	5.058%
3	5.099	279	281	284	rBV	1691275	2504561	63.63%	6.825%
4	5.522	316	318	322	rVB	47288	45263	1.15%	0.123%
5	6.184	373	376	378	rBV	2161684	2393064	60.80%	6.521%
6	6.299	383	386	388	rVV	2436171	2531387	64.31%	6.898%
7	6.527	404	406	408	rBV	557286	462799	11.76%	1.261%
8	6.687	417	420	422	rBV	1788781	1870426	47.52%	5.097%
9	7.099	453	456	458	rBV	1445846	1448290	36.80%	3.947%
10	7.225	463	467	471	rBV	38447	50073	1.27%	0.136%
11	7.808	516	518	521	rVB	508792	544112	13.82%	1.483%
12	8.893	610	613	616	rBV	1938527	1974640	50.17%	5.381%
13	9.293	646	648	651	rBV	561883	494820	12.57%	1.348%
14	9.556	669	671	673	rBV	666271	579598	14.73%	1.579%
15	10.345	737	740	742	rBV	1359038	1433496	36.42%	3.906%
16	10.482	749	752	758	rBV	46009	72345	1.84%	0.197%
17	11.031	796	800	801	rBV	541829	739537	18.79%	2.015%
18	11.111	803	807	809	rVB2	67473	118045	3.00%	0.322%
19	11.282	819	822	827	rBV	131885	200531	5.09%	0.546%
20	11.442	831	836	840	rBV4	13044	44098	1.12%	0.120%
21	11.511	840	842	844	rBV	53083	82700	2.10%	0.225%
22	11.545	844	845	847	rVV	48729	72319	1.84%	0.197%
23	11.591	847	849	854	rVV	439298	550849	14.00%	1.501%
24	11.671	854	856	858	rVV	63077	67145	1.71%	0.183%
25	11.716	858	860	862	rVV	19736	40972	1.04%	0.112%
26	11.762	862	864	866	rVV	60801	83312	2.12%	0.227%
27	11.842	869	871	875	rVB2	25301	40714	1.03%	0.111%
28	12.105	892	894	896	rBV	99322	150419	3.82%	0.410%
29	12.288	907	910	915	rBV3	43450	117359	2.98%	0.320%
30	12.368	915	917	920	rVV	72474	77157	1.96%	0.210%
31	12.448	922	924	926	rVB2	35649	56097	1.43%	0.153%
32	12.517	926	930	933	rBV2	20030	50336	1.28%	0.137%
33	12.608	936	938	941	rBV	1261624	1560296	39.64%	4.252%
34	12.848	957	959	963	rBV3	48113	71228	1.81%	0.194%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.077	977	979	981	rVV	35889	55005	1.40%	0.150%
36	13.111	981	982	984	rVB	79969	83681	2.13%	0.228%
37	13.179	986	988	993	rVB2	31646	74713	1.90%	0.204%
38	13.522	1016	1018	1022	rBV	310844	488832	12.42%	1.332%
39	13.637	1026	1028	1034	rVB	417437	545181	13.85%	1.486%
40	13.854	1044	1047	1050	rBV2	33805	63448	1.61%	0.173%
41	14.162	1071	1074	1079	rBV	256130	429366	10.91%	1.170%
42	14.437	1096	1098	1102	rVV3	21583	62777	1.59%	0.171%
43	14.505	1102	1104	1106	rVV	77806	77274	1.96%	0.211%
44	14.562	1107	1109	1112	rVB	48089	55007	1.40%	0.150%
45	14.620	1112	1114	1118	rBV	66643	139465	3.54%	0.380%
46	14.722	1121	1123	1131	rVB	156255	329951	8.38%	0.899%
47	14.871	1134	1136	1138	rVB2	33706	44590	1.13%	0.122%
48	14.928	1138	1141	1143	rBV2	63977	96792	2.46%	0.264%
49	14.974	1143	1145	1147	rBV	306382	335212	8.52%	0.913%
50	15.191	1162	1164	1170	rBV2	46975	147357	3.74%	0.402%
51	15.283	1170	1172	1177	rVB2	68738	131263	3.33%	0.358%
52	15.385	1178	1181	1183	rBV	70702	110198	2.80%	0.300%
53	15.431	1183	1185	1188	rVV	137885	250511	6.36%	0.683%
54	15.488	1188	1190	1192	rVV	86310	143497	3.65%	0.391%
55	15.591	1196	1199	1203	rVV	137460	236852	6.02%	0.645%
56	15.683	1205	1207	1211	rVB3	55496	94898	2.41%	0.259%
57	16.014	1233	1236	1239	rBV	52065	93179	2.37%	0.254%
58	16.185	1249	1251	1255	rVB	40747	83422	2.12%	0.227%
59	16.288	1258	1260	1262	rVV2	26111	46582	1.18%	0.127%
60	16.334	1262	1264	1266	rVV	34538	59626	1.51%	0.162%
61	16.403	1267	1270	1275	rVB4	63490	168223	4.27%	0.458%
62	16.620	1285	1289	1296	rBV	384651	1149416	29.20%	3.132%
63	16.780	1301	1303	1306	rVB	60209	93953	2.39%	0.256%
64	16.871	1307	1311	1314	rBV	180126	436390	11.09%	1.189%
65	16.974	1317	1320	1323	rBV2	55557	145882	3.71%	0.398%
66	17.054	1323	1327	1332	rVB2	241694	665279	16.90%	1.813%
67	17.168	1335	1337	1340	rVB	43014	80228	2.04%	0.219%
68	17.248	1340	1344	1346	rBV2	170088	490053	12.45%	1.335%
69	17.351	1351	1353	1356	rVV	163197	403279	10.25%	1.099%
70	17.420	1356	1359	1364	rVB	193338	472152	12.00%	1.287%
71	17.637	1375	1378	1381	rBV3	30422	71760	1.82%	0.196%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.831	1391	1395	1401	rVB3	73520	196222	4.99%	0.535%
73	18.106	1412	1419	1425	rBV	437697	1523632	38.71%	4.152%
74	18.266	1425	1433	1441	rVB	1170679	3936030	100.00%	10.726%
75	19.832	1565	1570	1575	rVB5	29087	101867	2.59%	0.278%
76	20.083	1588	1592	1602	rVB8	12465	57576	1.46%	0.157%

Sum of corrected areas: 36696414

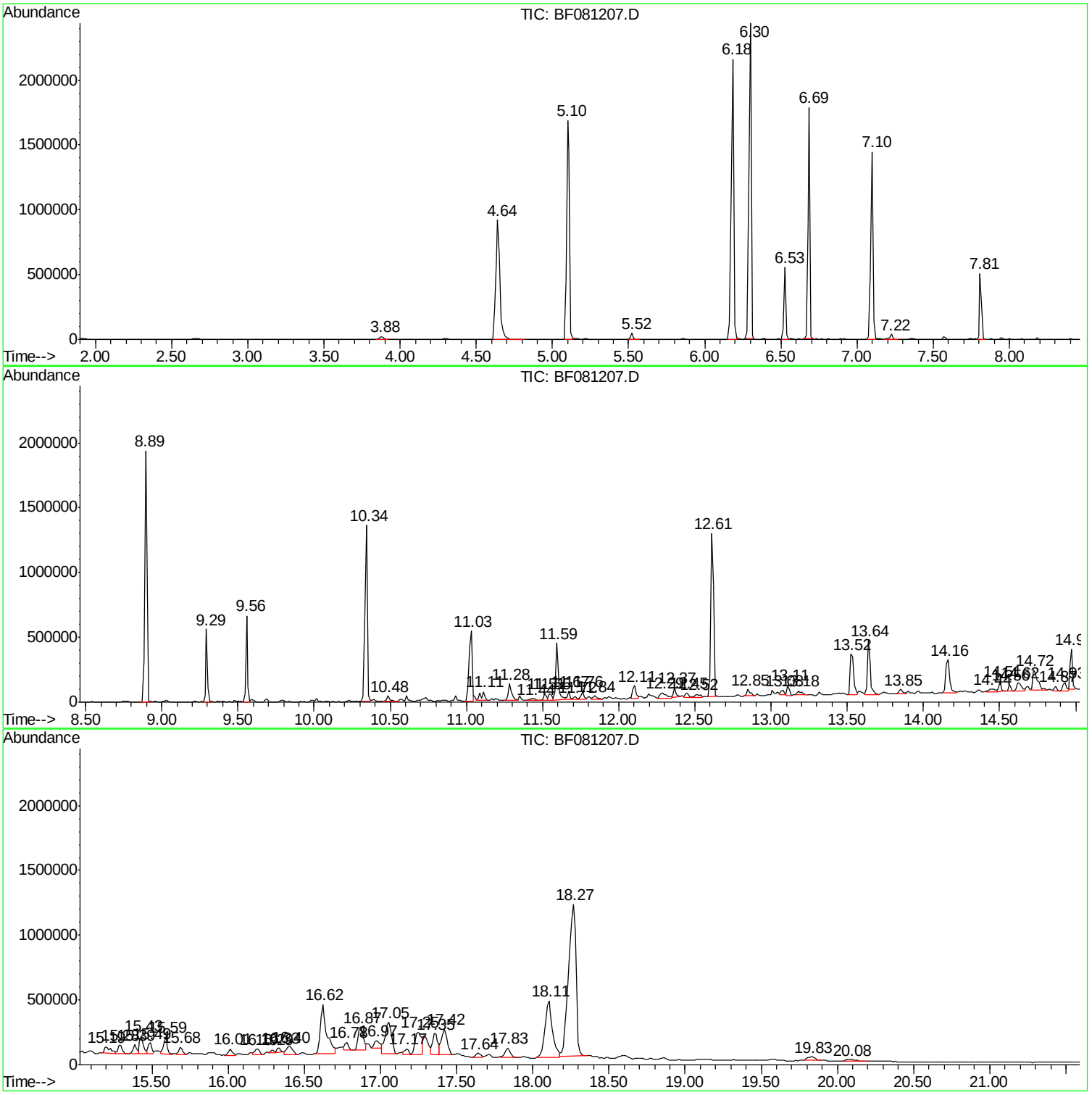
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

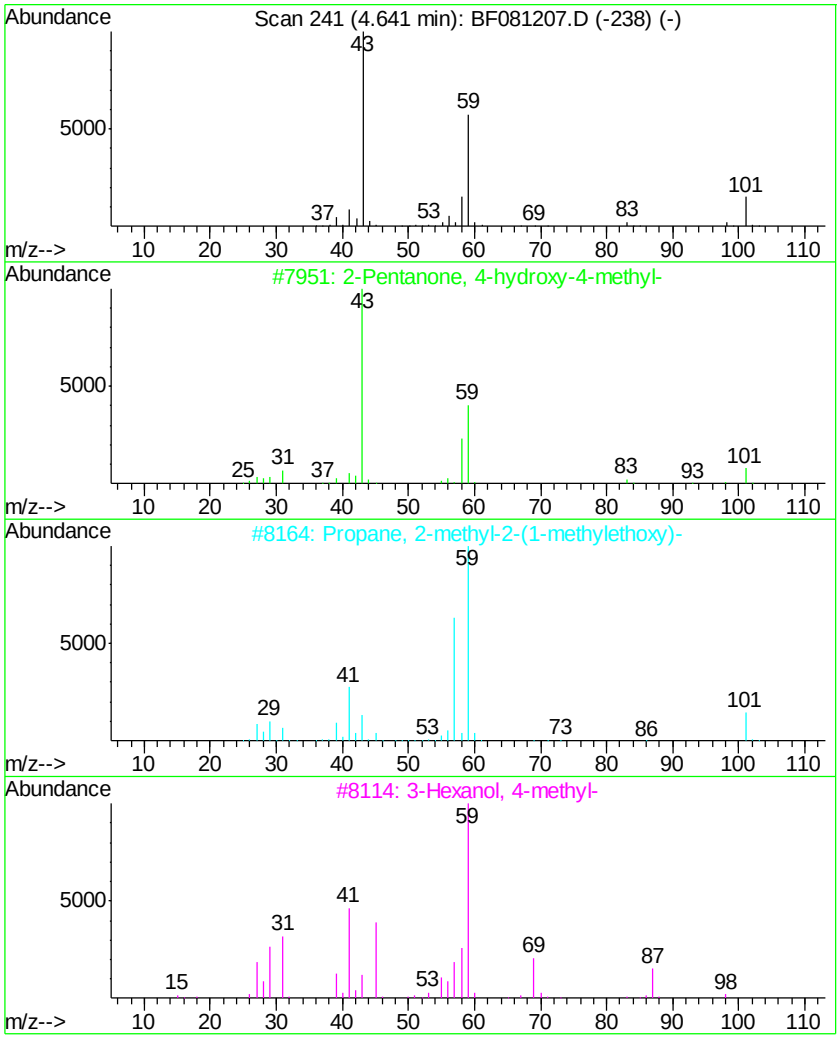
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

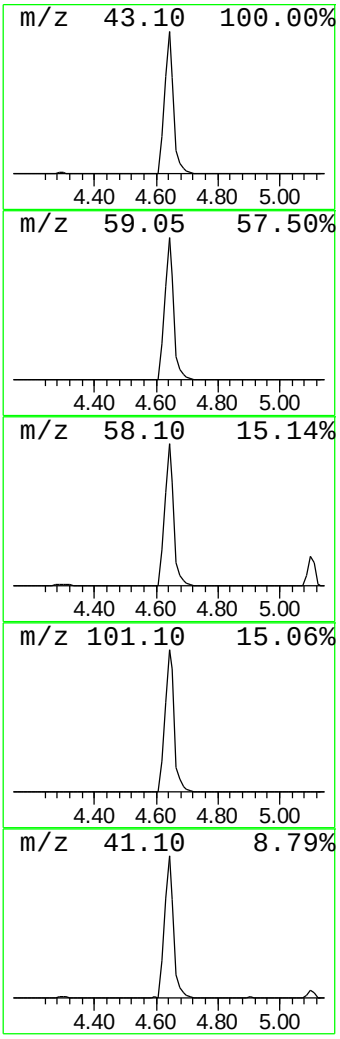
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	80.22 ng	1856210	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

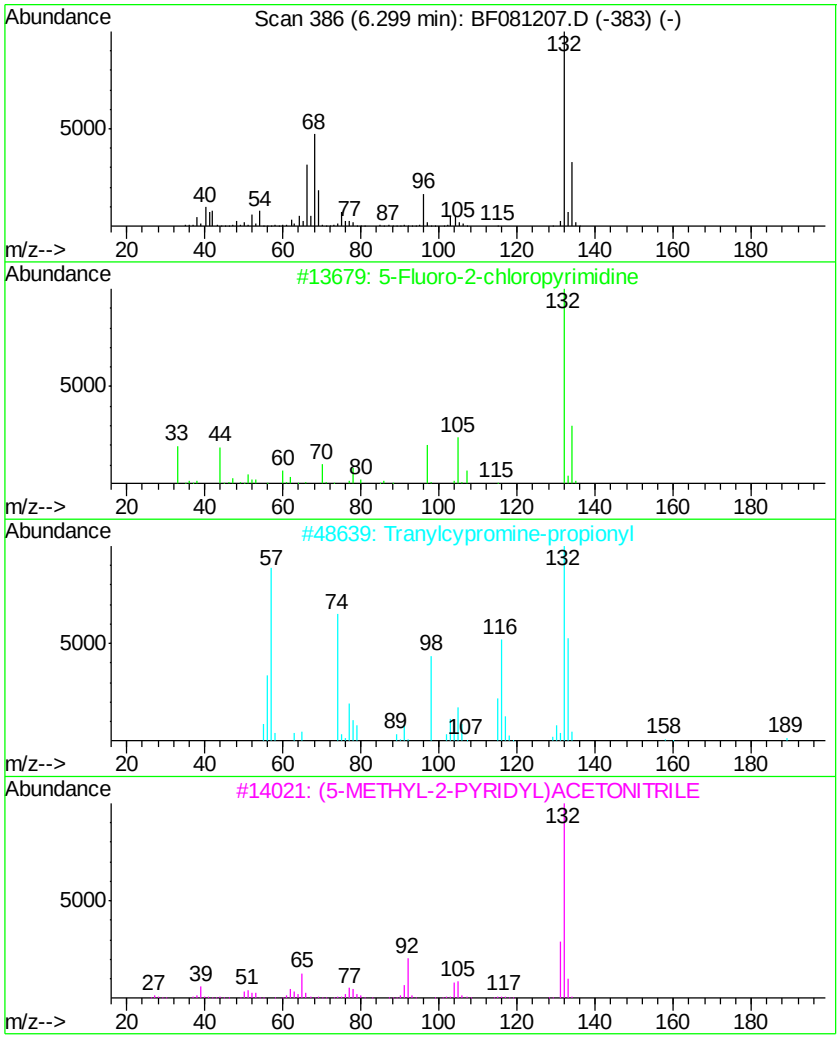
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

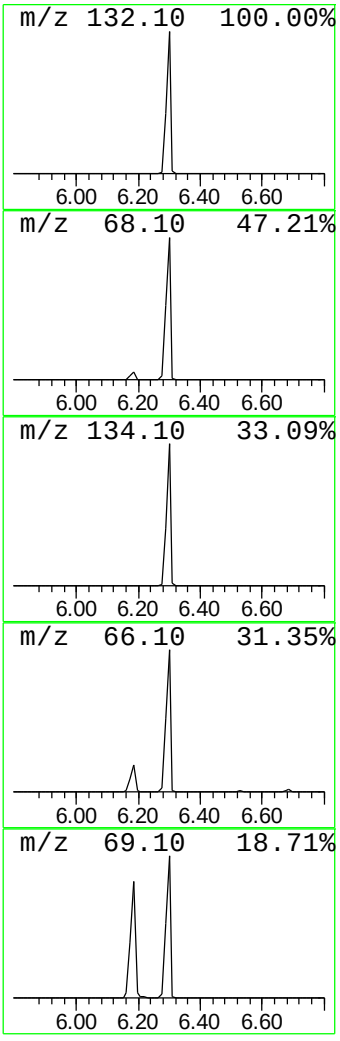
****

Peak Number 2 unknown6.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	109.40 ng	2531390	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

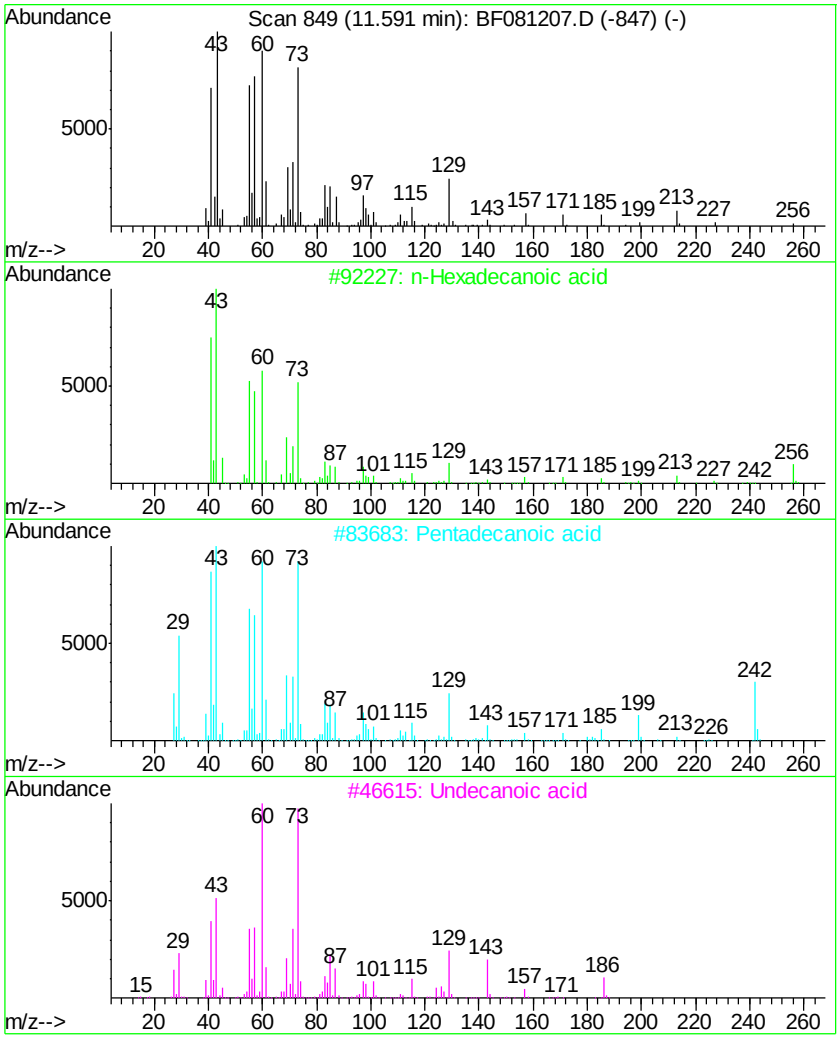
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

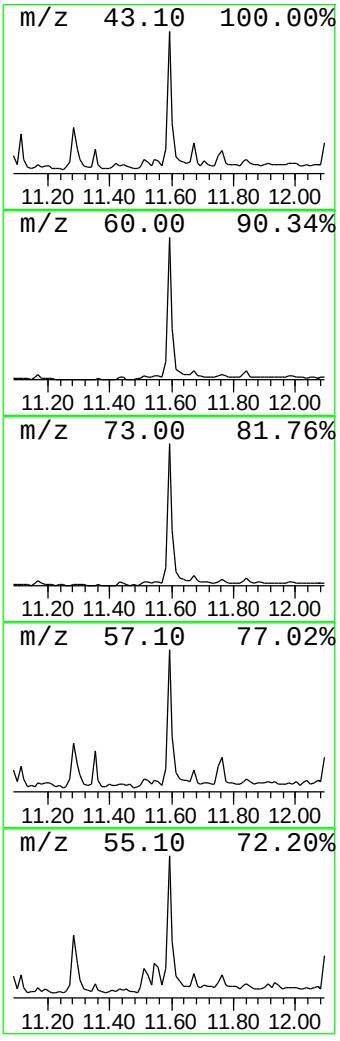
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	14.90 ng	550849	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

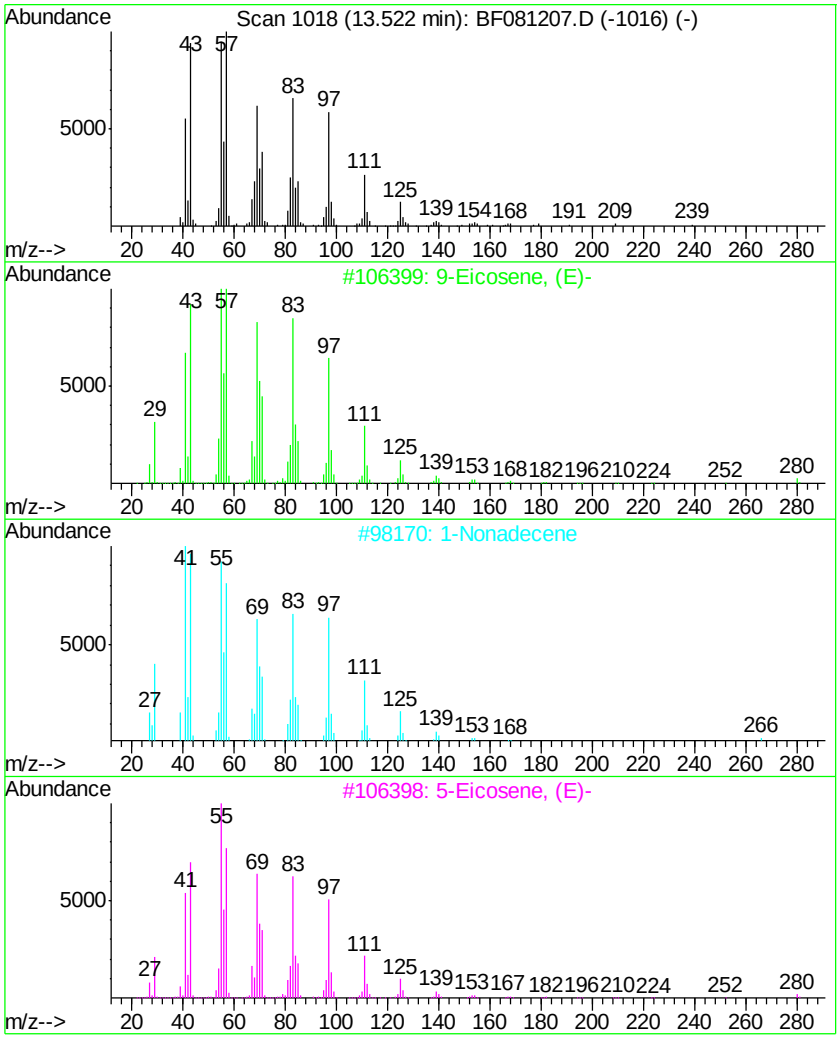
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

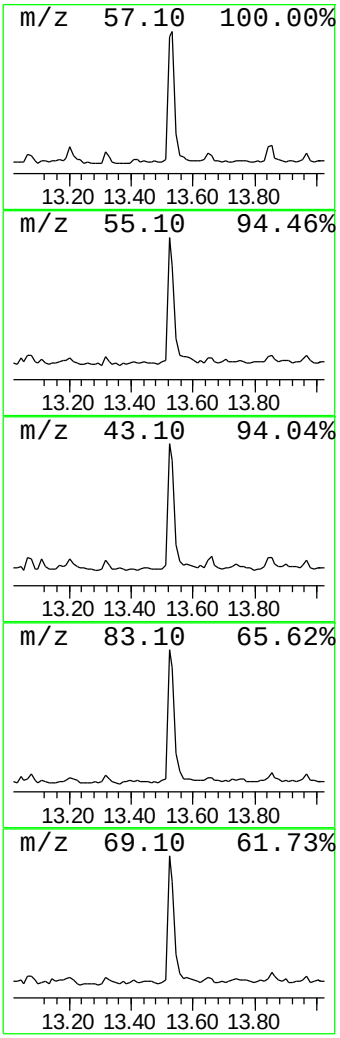
****

Peak Number 5 9-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	17.93 ng	488832	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	1-Tetracosanol	354	C24H50O	000506-51-4	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

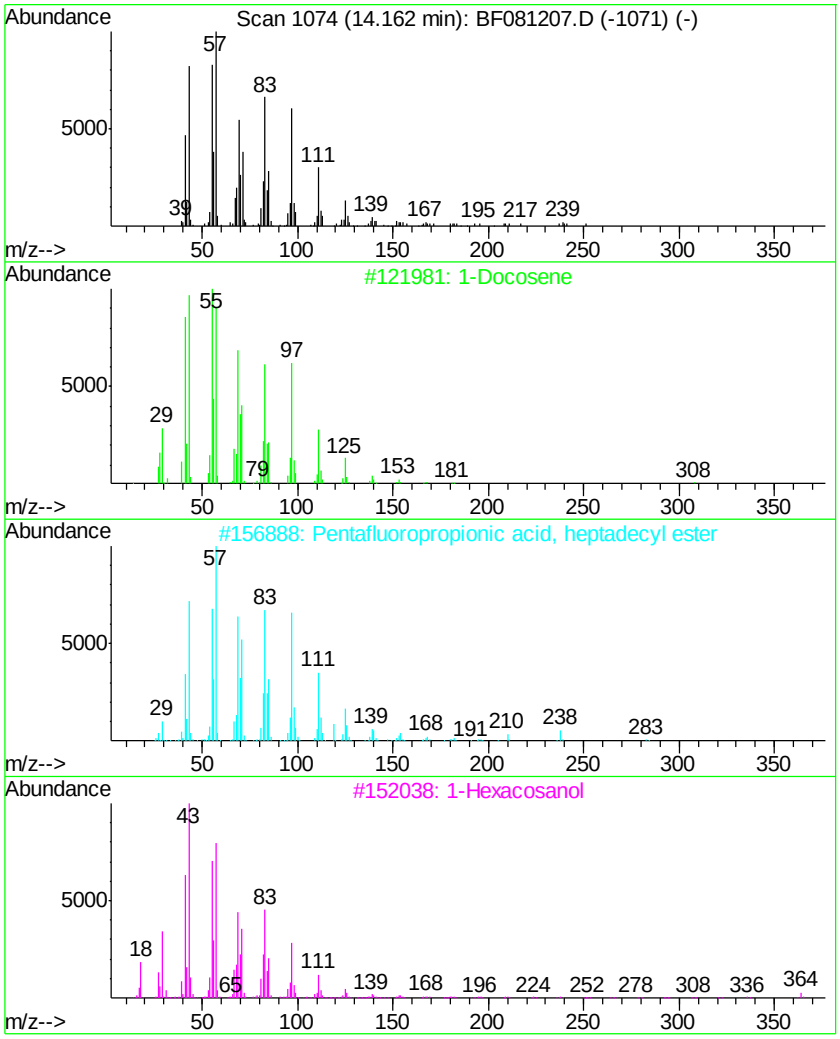
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

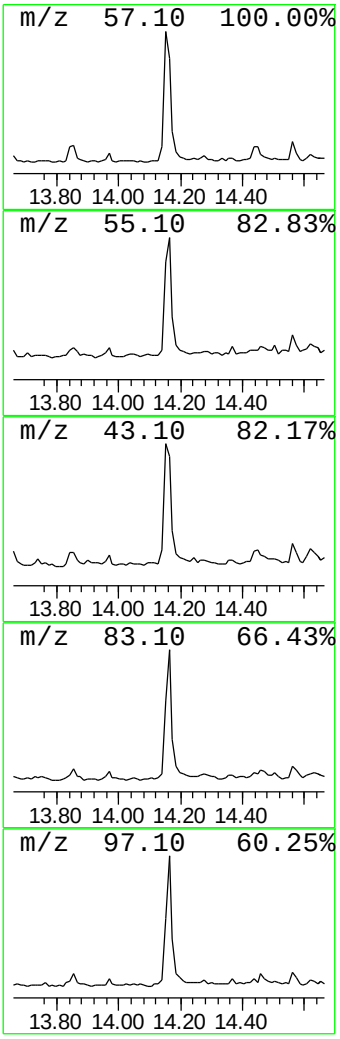
****

Peak Number 6 1-Docosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	15.75 ng	429366	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
3	1-Hexacosanol	382	C26H54O	000506-52-5	83
4	1-Tetracosanol	354	C24H50O	000506-51-4	83
5	17-Pentatriacontene	491	C35H70	006971-40-0	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

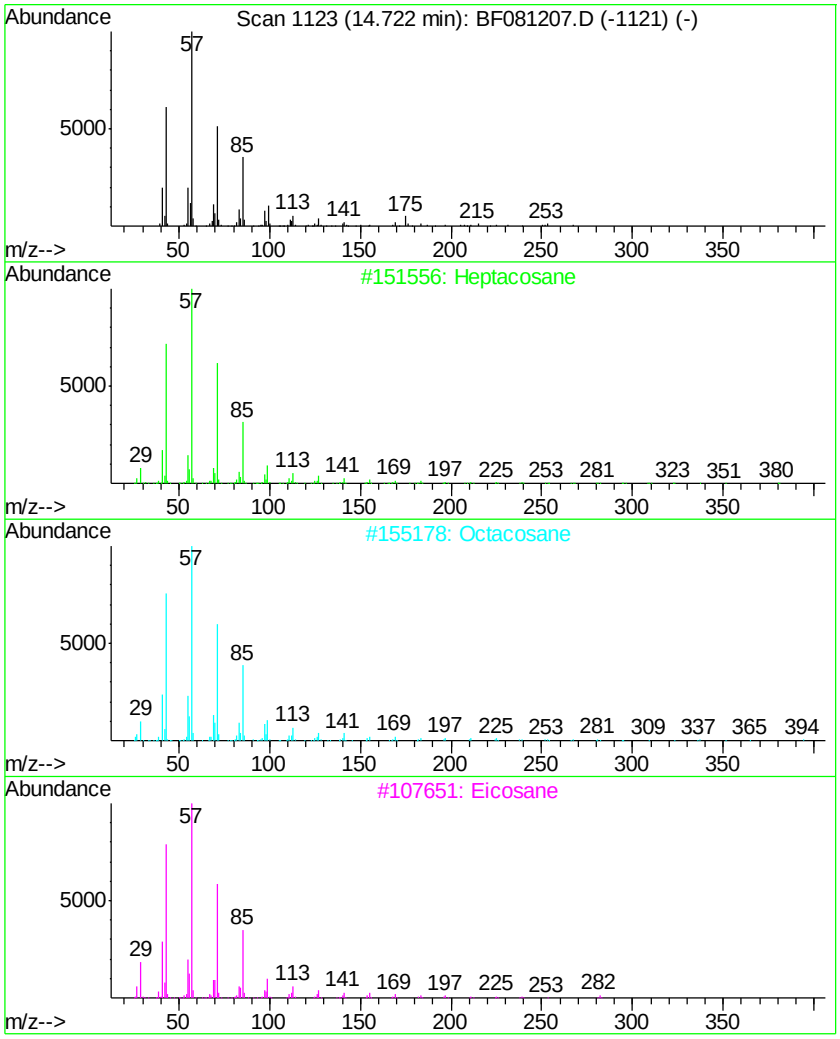
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

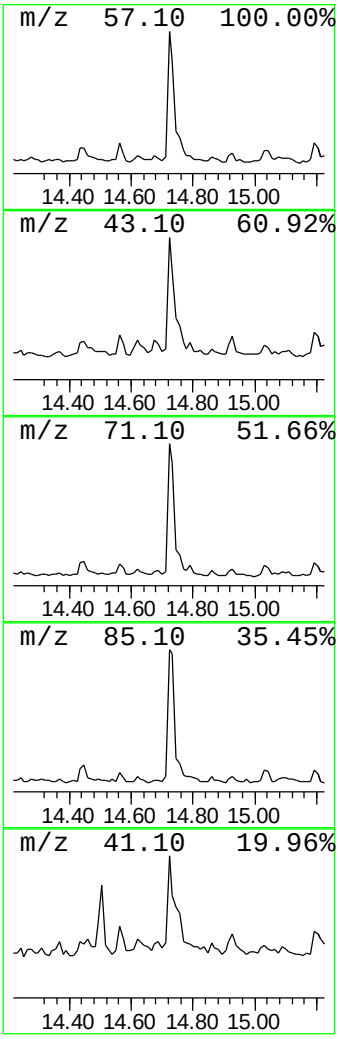
****

Peak Number 7 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	19.69 ng	329951	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

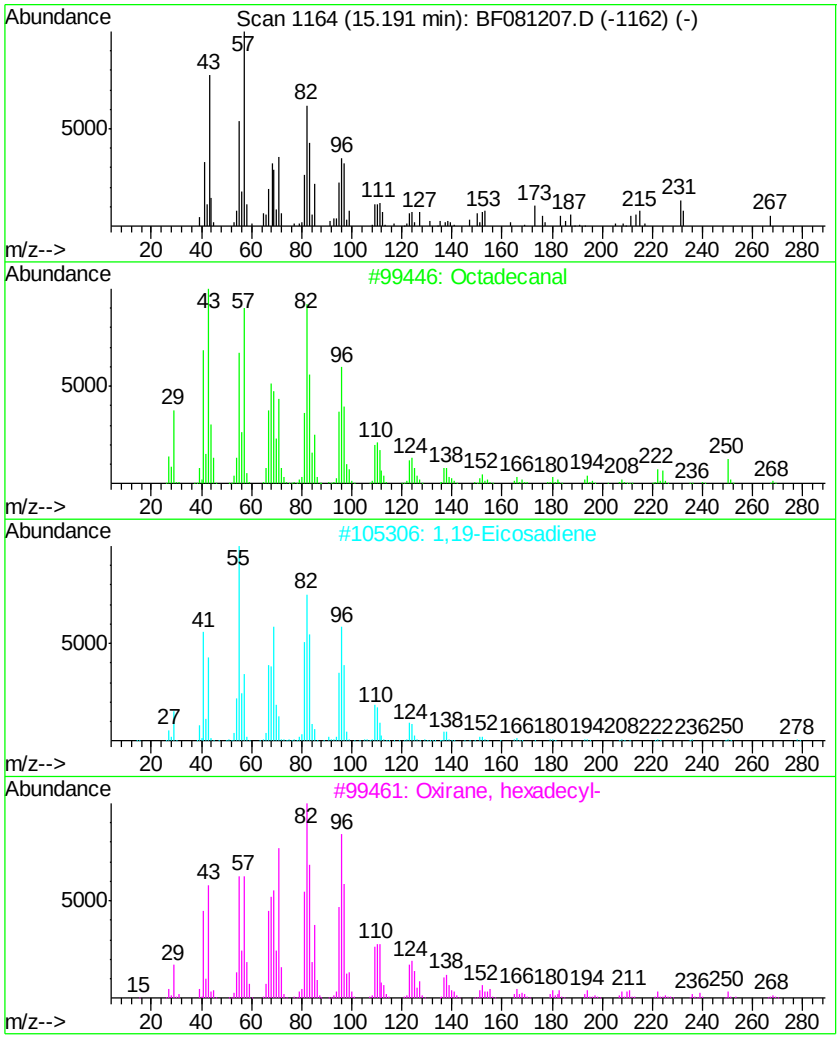
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

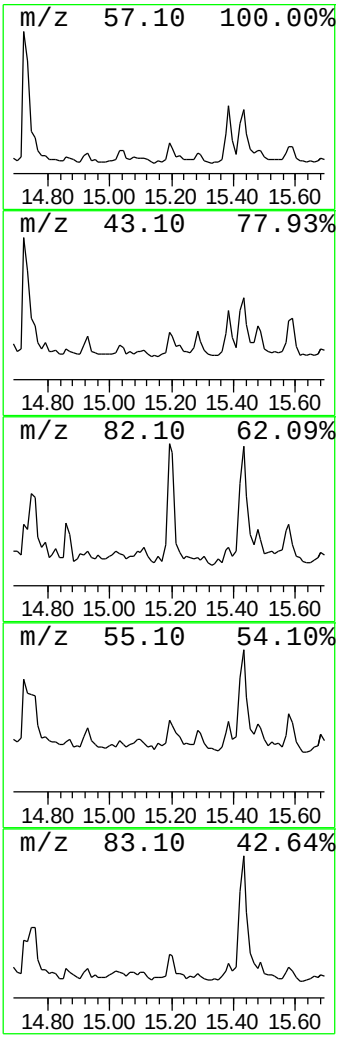
****

Peak Number 8 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	8.79 ng	147357	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	83
2	1,19-Eicosadiene	278	C20H38	014811-95-1	64
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	59
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	52
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

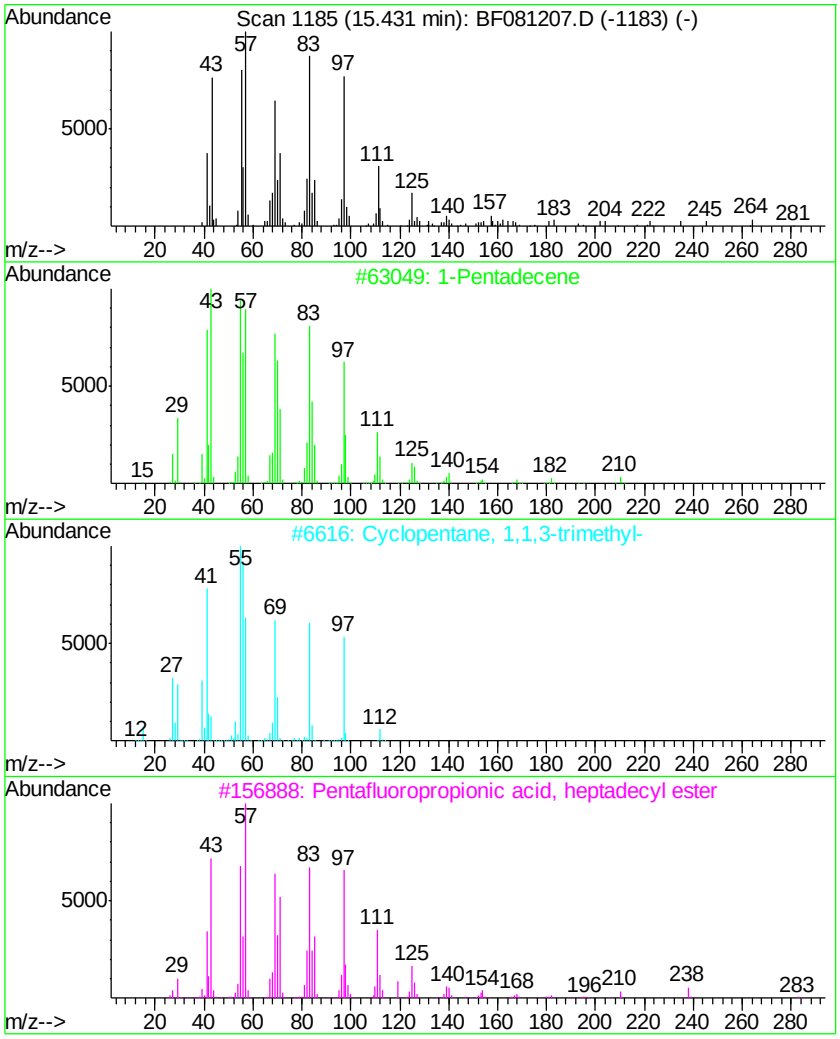
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

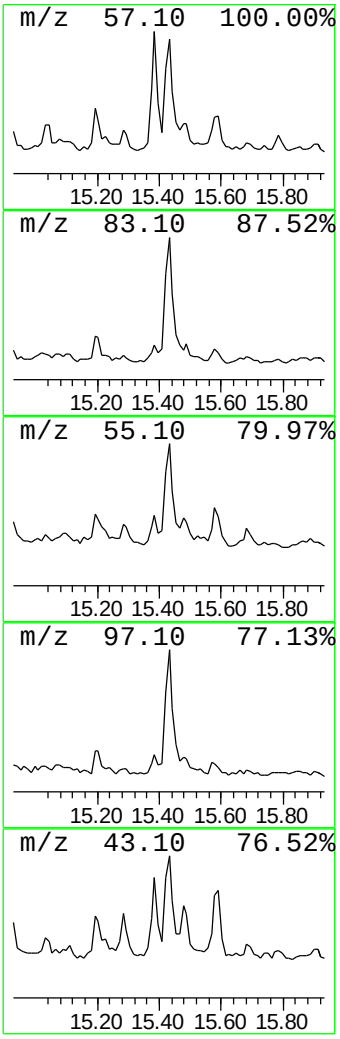
****

Peak Number 9 1-Pentadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	14.95 ng	250511	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	80
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	62
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	55
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

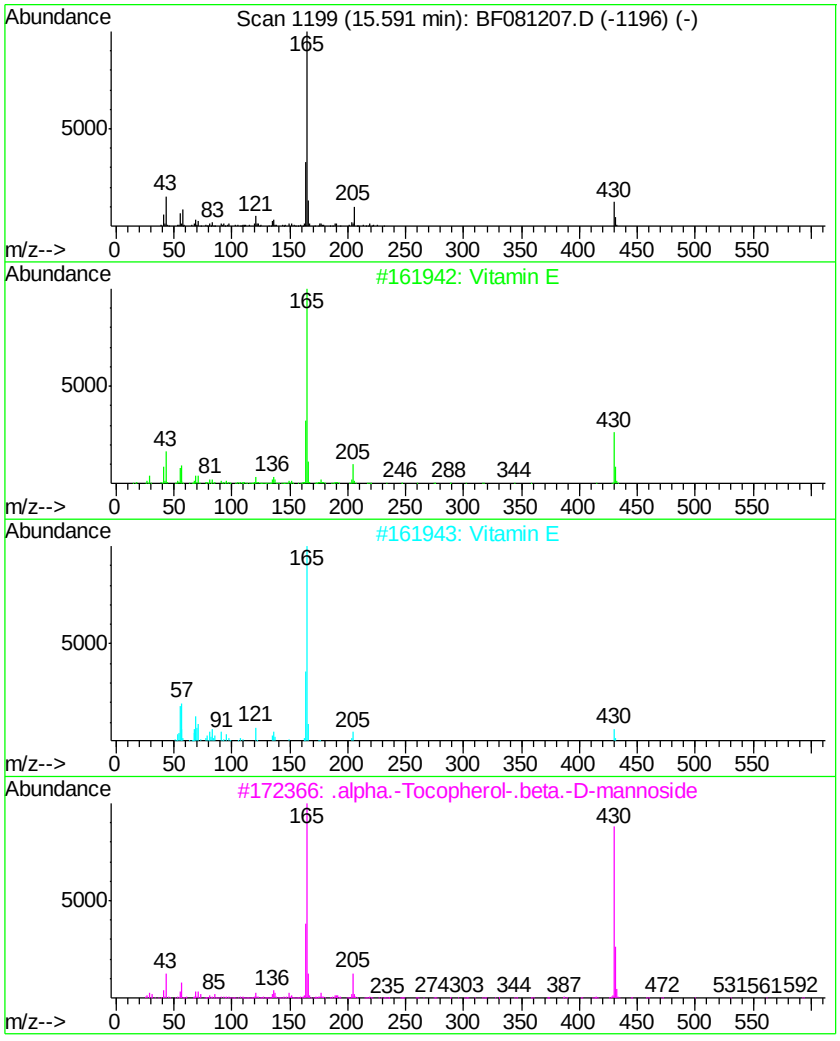
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

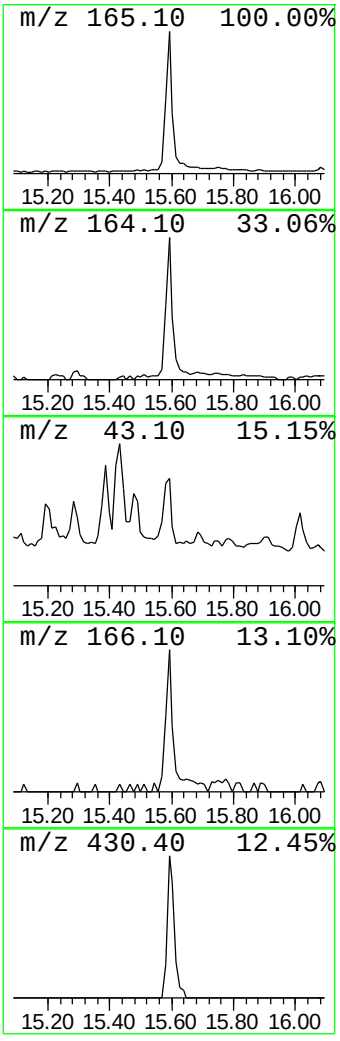
****

Peak Number 10 Vitamin E Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	14.13 ng	236852	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	010191-41-0	97
2	Vitamin E	430	C29H50O2	000059-02-9	91
3	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
4	Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	53
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

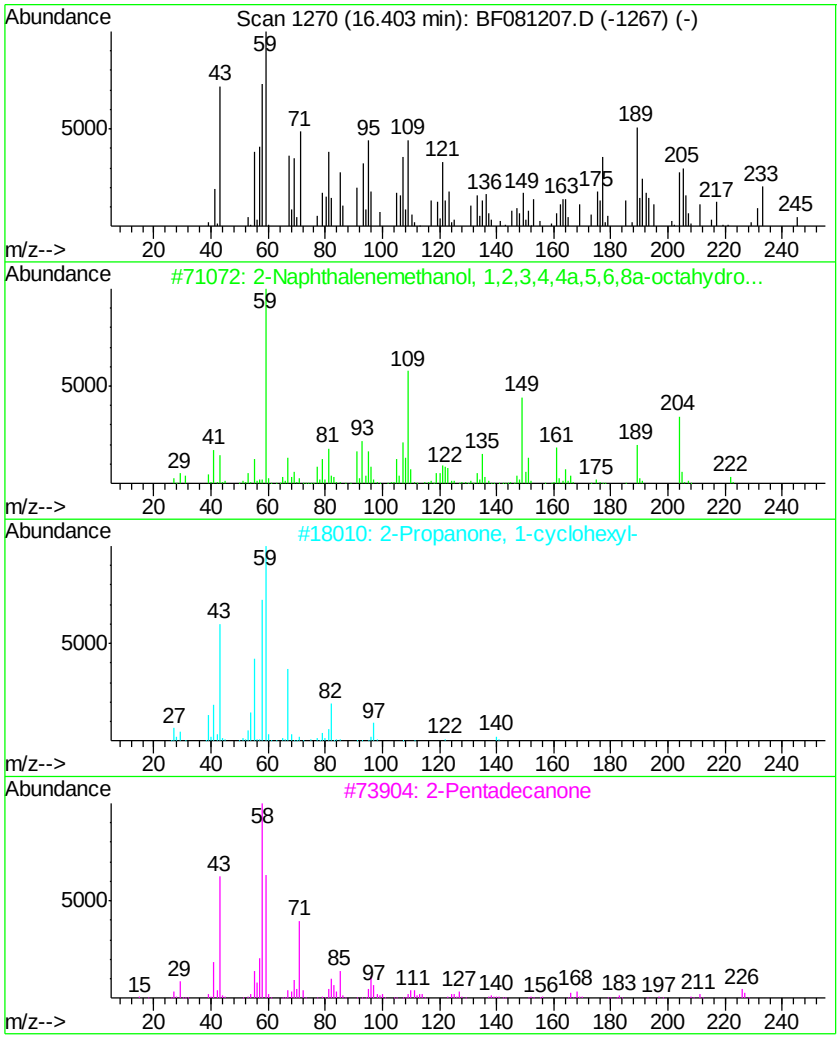
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

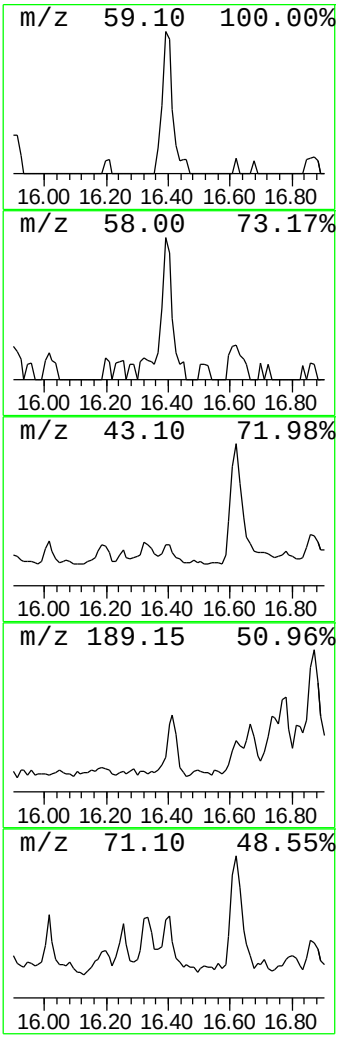
****

Peak Number 11 unknown16.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	10.04 ng	168223	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	079254-46-9	25
2	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	25
3	2-Pentadecanone	226	C15H30O	002345-28-0	22
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	22
5	.delta.-Selinene	204	C15H24	028624-23-9	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

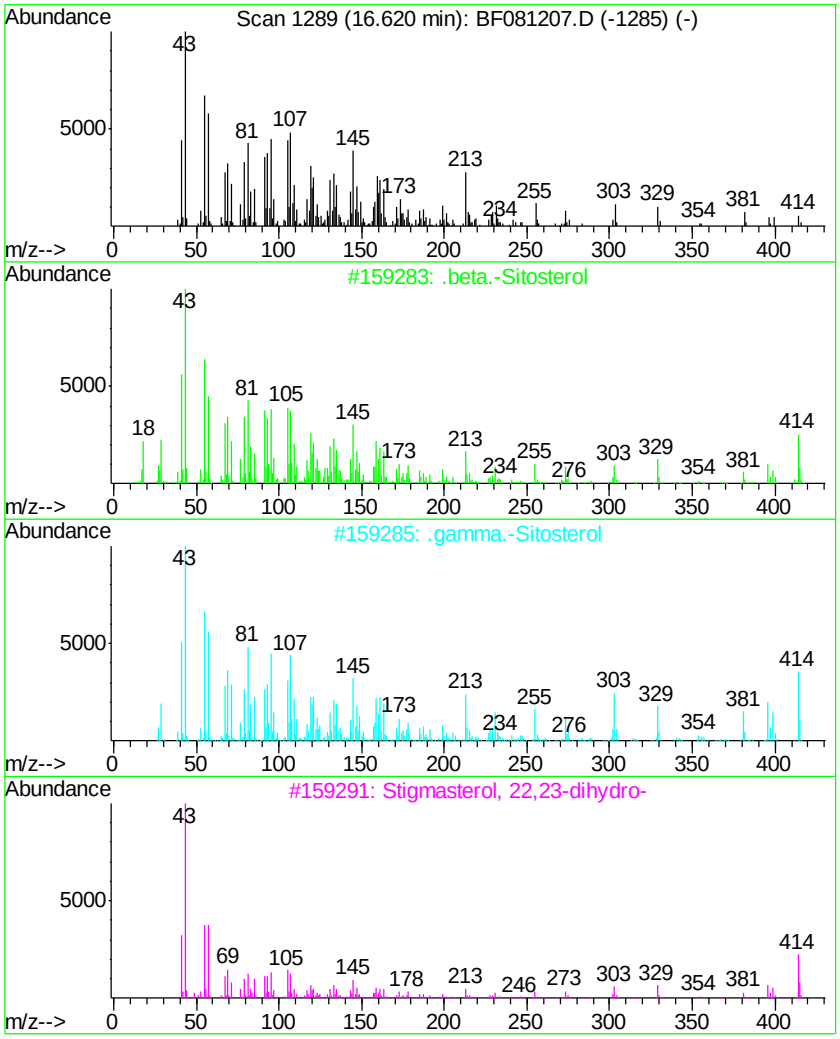
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

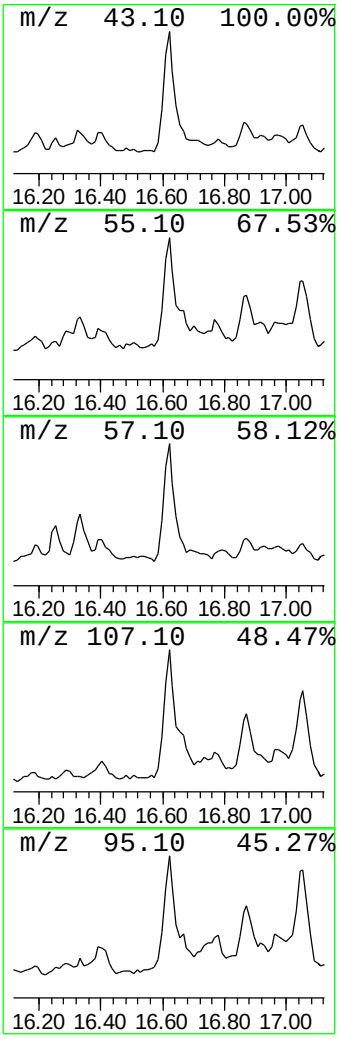
****

Peak Number 12 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	68.58 ng	1149420	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	52
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

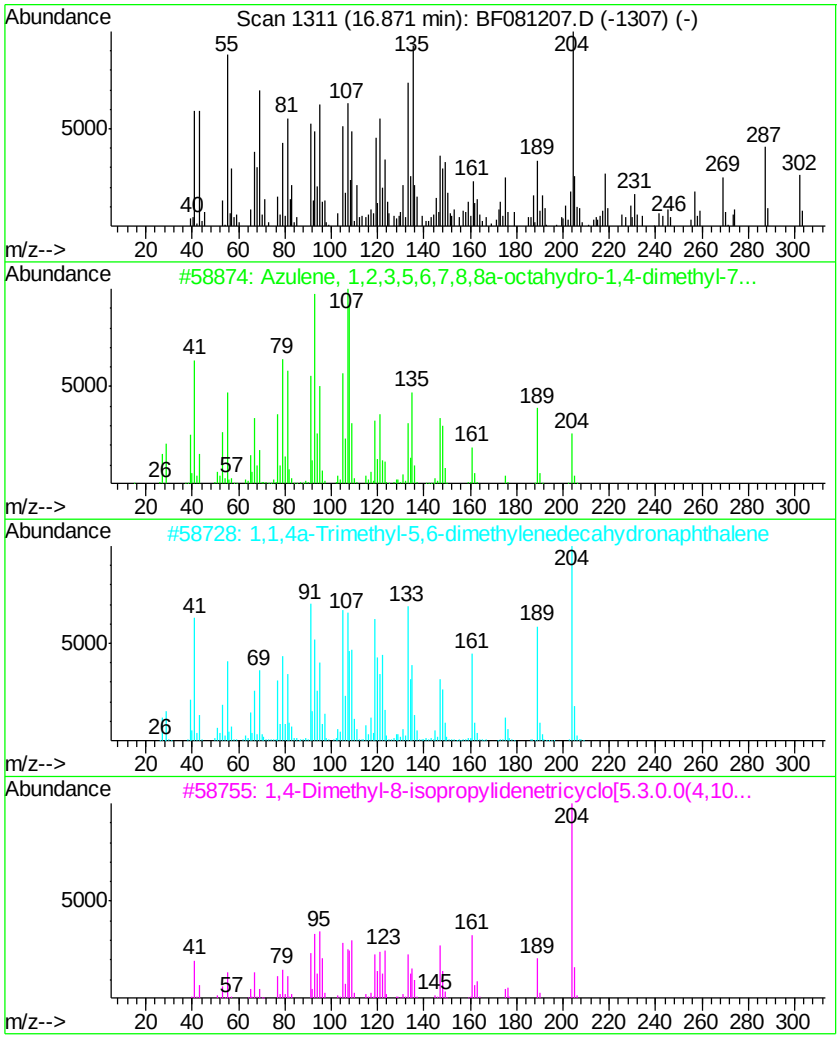
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

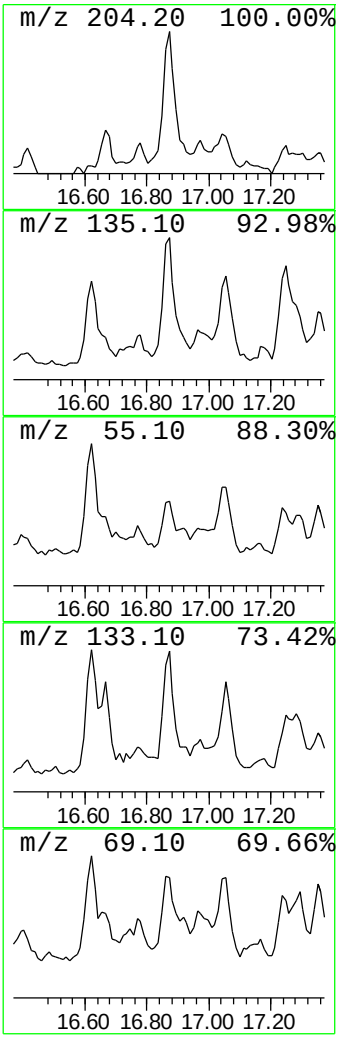
****

Peak Number 13 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	26.04 ng	436390	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	64
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	58
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

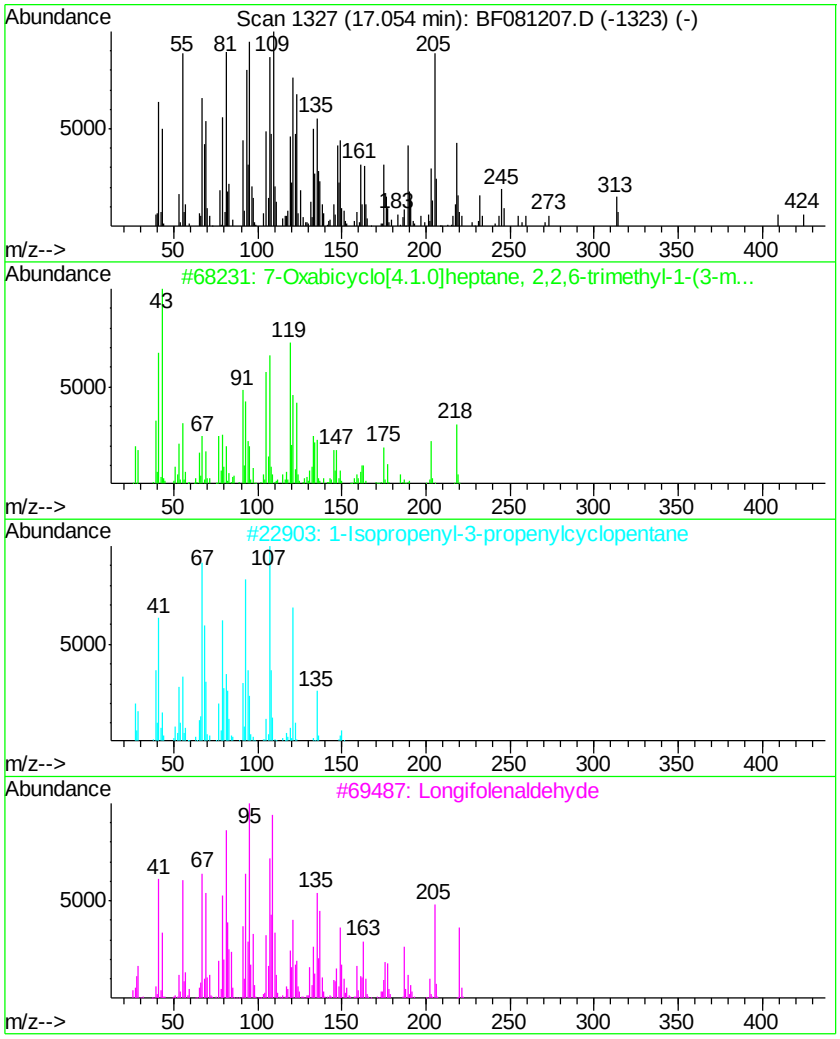
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

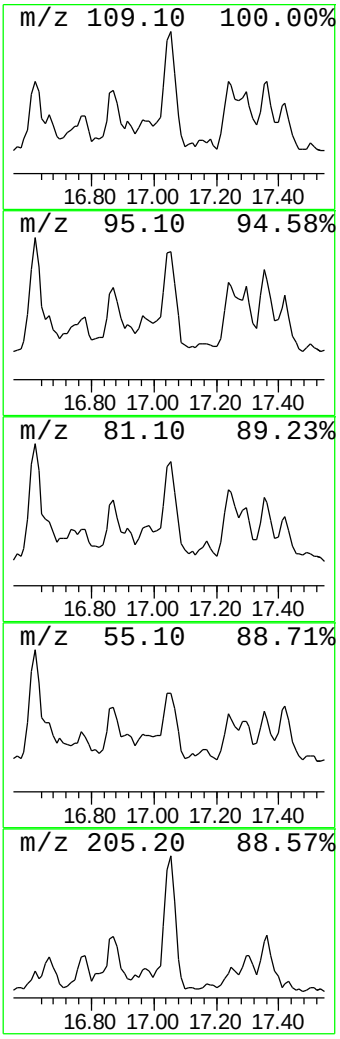
****

Peak Number 14 unknown17.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	39.69 ng	665279	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	44
2	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	43
3	Longifolenaldehyde	220	C15H24O	019890-84-7	43
4	Perhydrocyclopropa[e]azulene-4,5...	254	C15H26O3	1000197-87-8	38
5	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

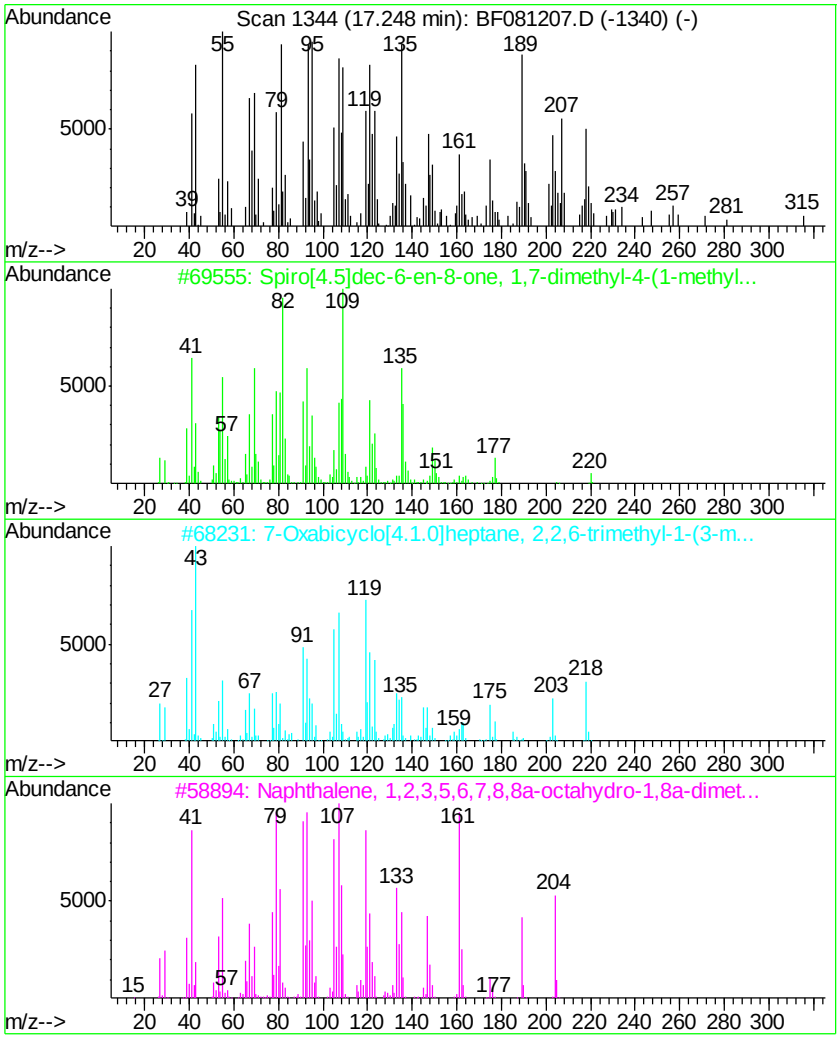
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

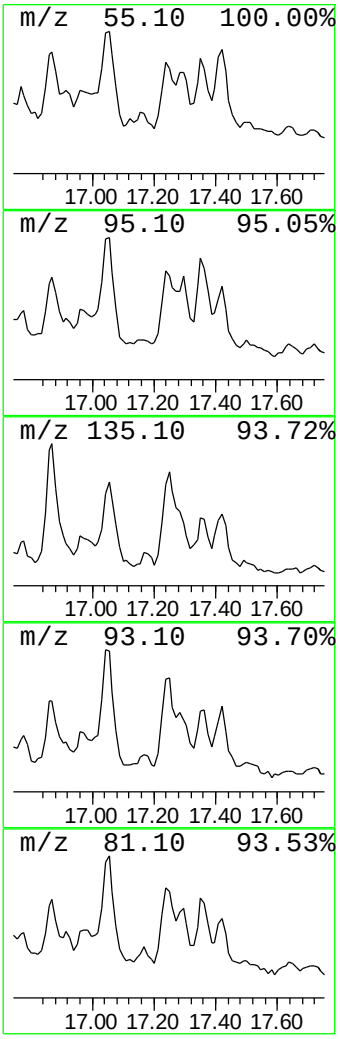
****

Peak Number 15 Spiro[4.5]dec-6-en-8-one, 1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	29.24 ng	490053	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	52
2	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	47
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	44
4	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	42
5	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

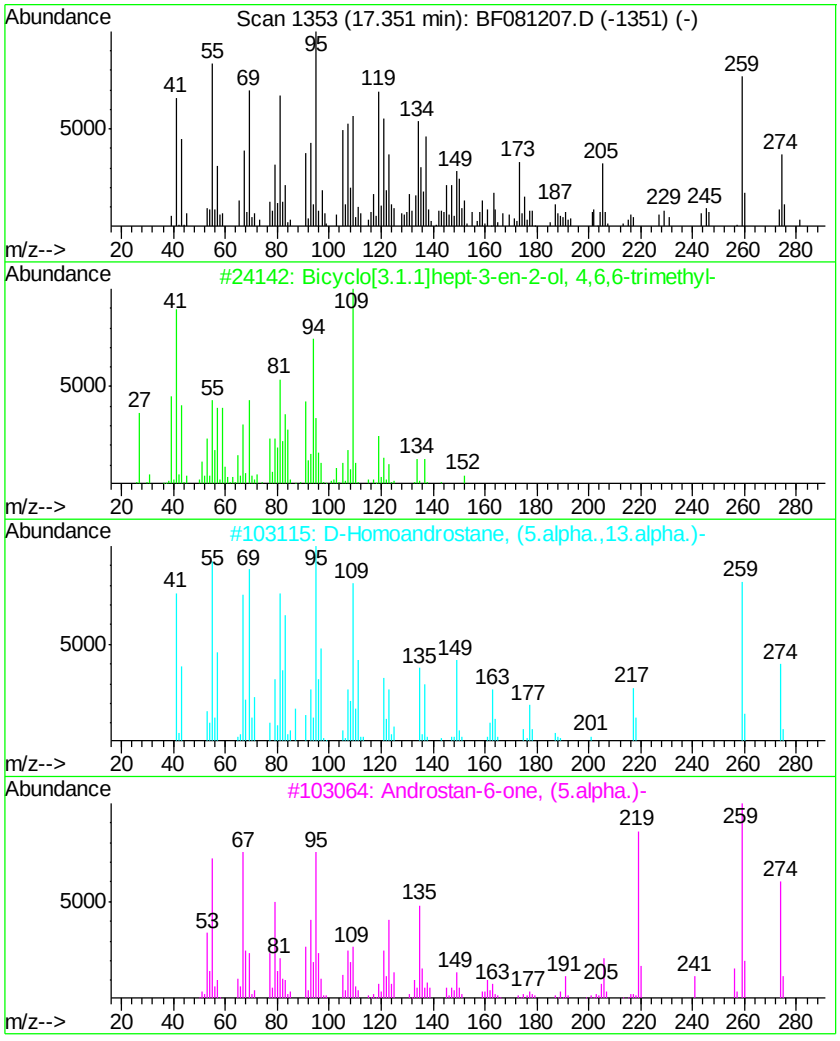
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

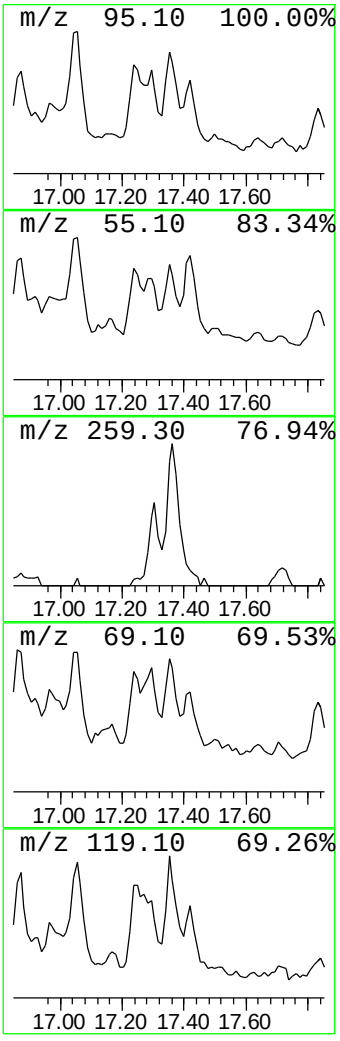
****

Peak Number 16 Bicyclo[3.1.1]hept-3-en-2-o... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	24.06 ng	403279	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	000473-67-6	53
2	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	43
3	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	41
4	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
5	1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	20





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

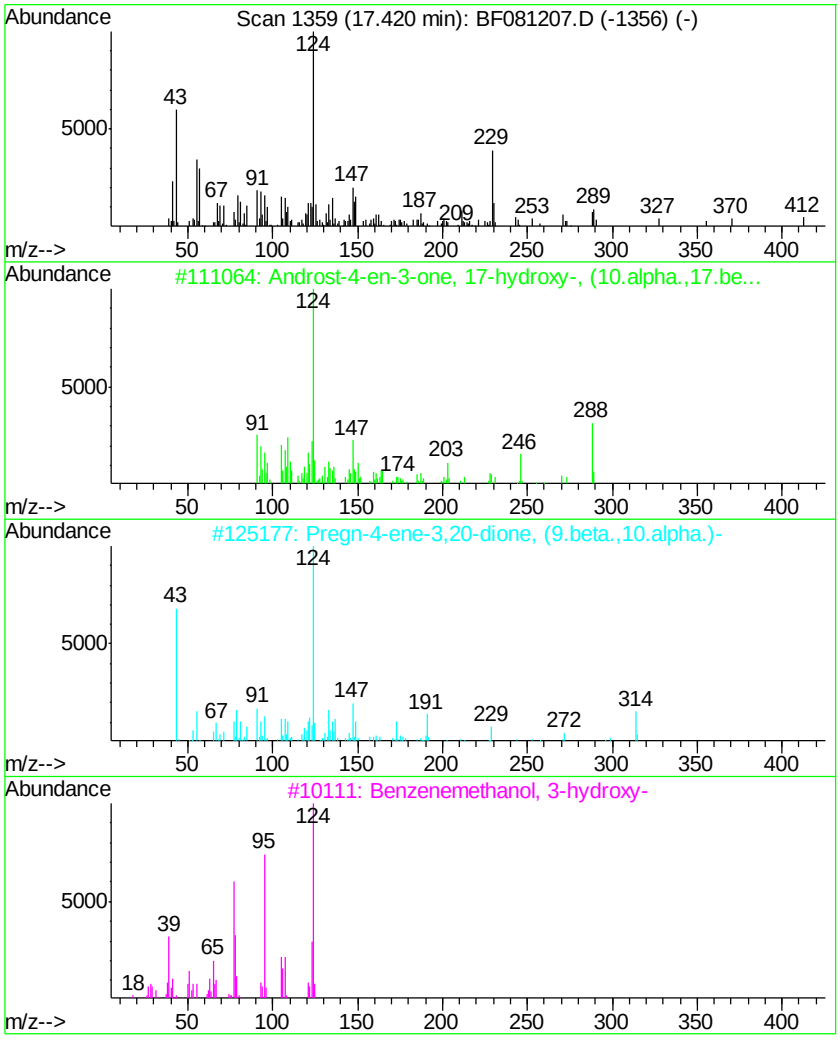
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

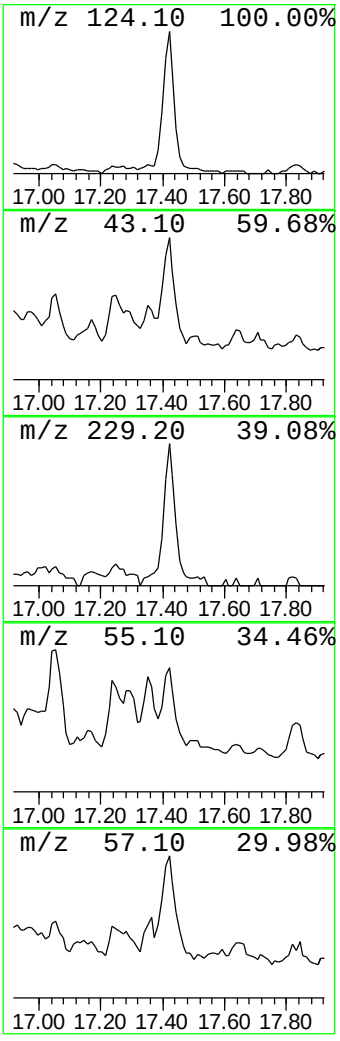
****

Peak Number 17 unknown17.42 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	28.17 ng	472152	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	49
2	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	46
3	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	38
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
5	Propanoic acid, 3-amino-3-(4-flu...	183	C9H10FNO2	000325-89-3	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

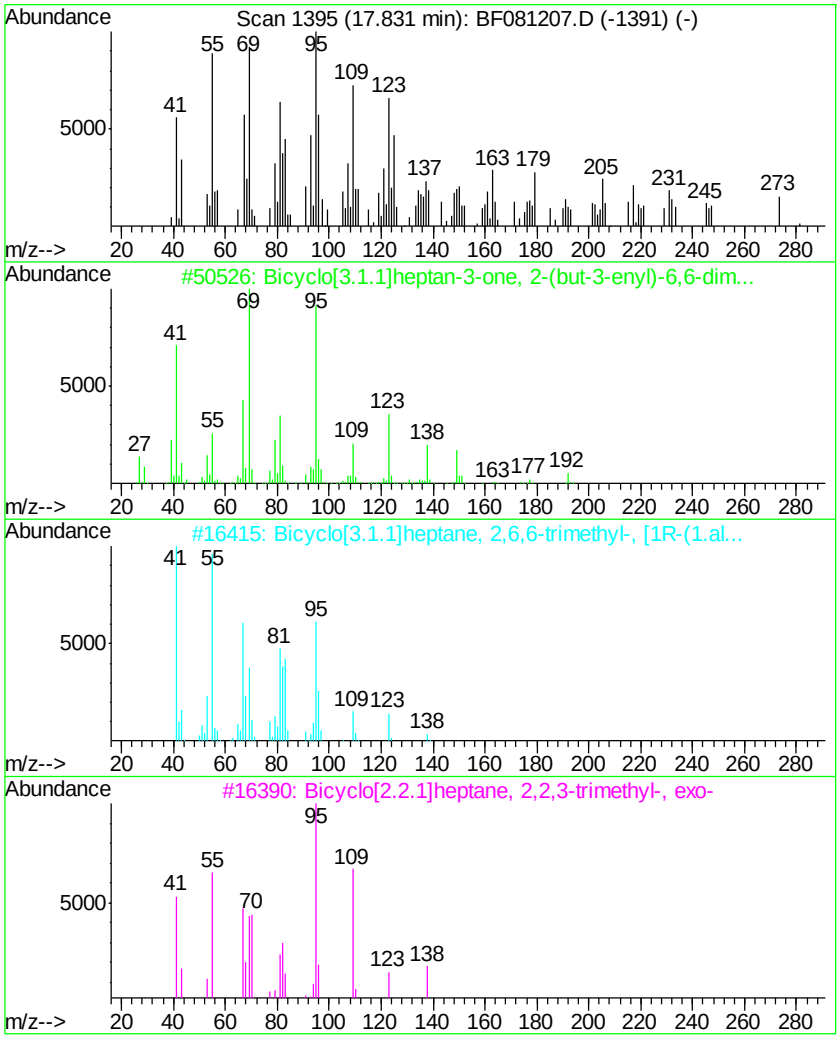
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

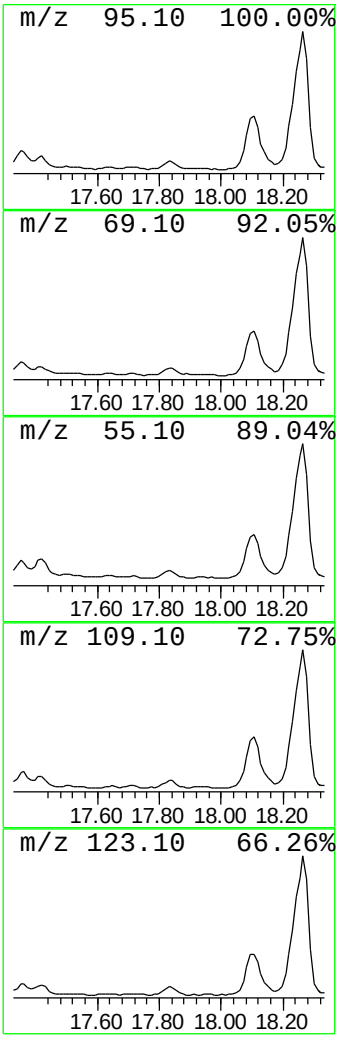
****

Peak Number 18 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	11.71 ng	196222	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	55
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	50
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	42
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
5	Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

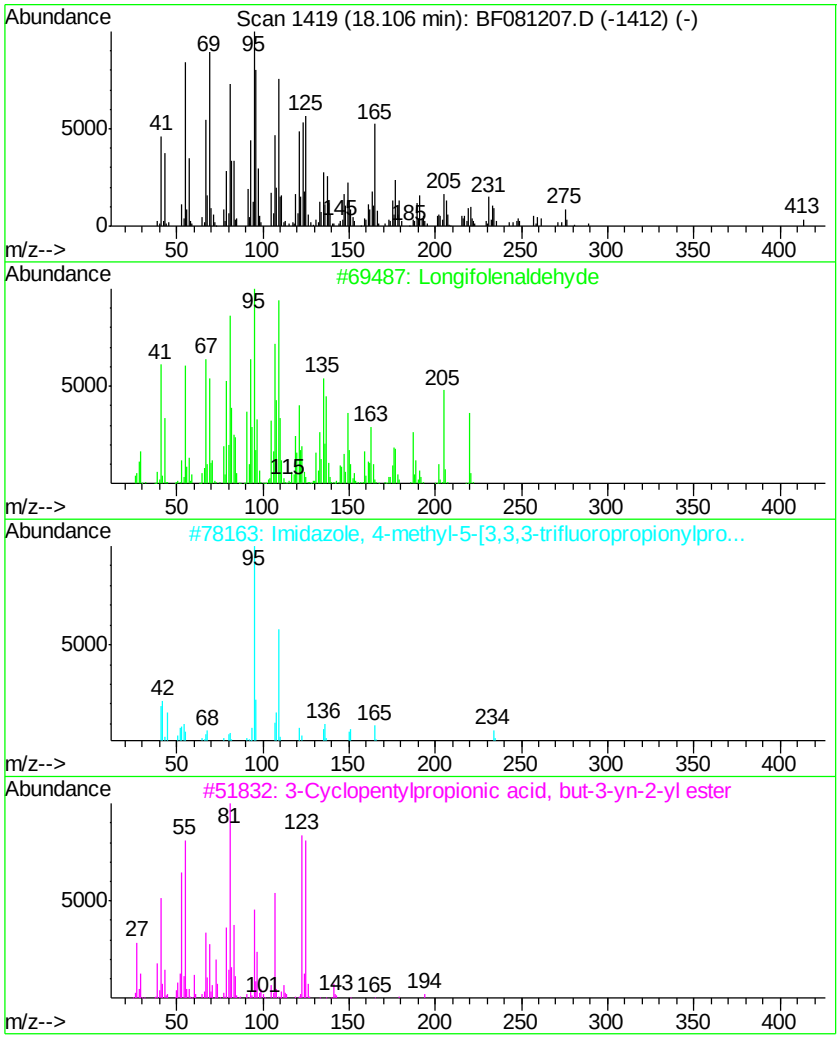
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

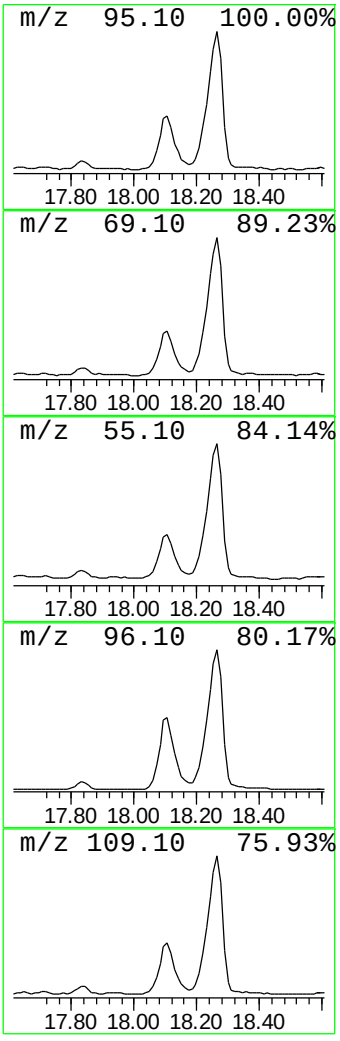
****

Peak Number 19 Longifolenaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	90.91 ng	1523630	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolenaldehyde	220	C15H24O	019890-84-7	50
2	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	38
3	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	30
4	4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	25
5	o-Menth-8-ene	138	C10H18	015193-25-6	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

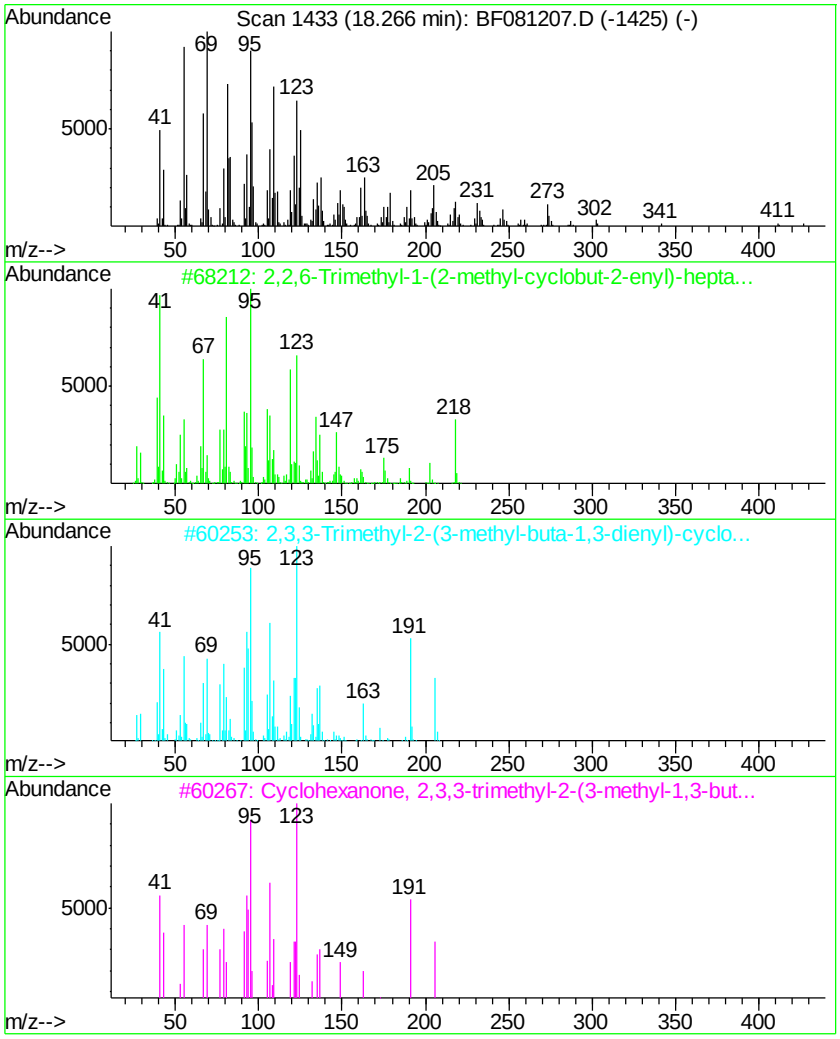
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

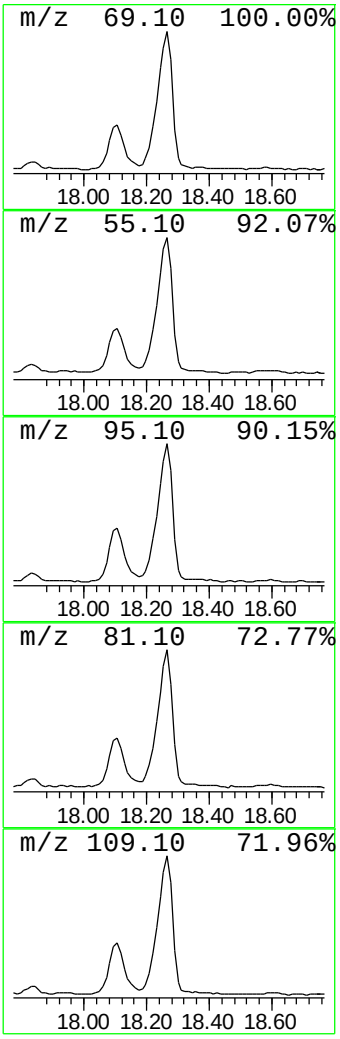
****

Peak Number 20 unknown18.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	234.84 ng	3936030	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	49
2	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	42
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	42
4	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	41
5	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081207.D
Acq On : 25 Aug 2015 19:35
Operator : UM/IZ
Sample : G3407-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	80.2	ng	1856210	1	6.53	462799	20.0
unknown6.30	6.30	109.4	ng	2531390	1	6.53	462799	20.0
n-Hexadecanoic acid	11.59	14.9	ng	550849	4	11.03	739537	20.0
9-Eicosene, (E)-	13.52	17.9	ng	488832	5	13.64	545181	20.0
1-Docosene	14.16	15.8	ng	429366	5	13.64	545181	20.0
Heptacosane	14.72	19.7	ng	329951	6	14.97	335212	20.0
Octadecanal	15.19	8.8	ng	147357	6	14.97	335212	20.0
1-Pentadecene	15.43	14.9	ng	250511	6	14.97	335212	20.0
Vitamin E	15.59	14.1	ng	236852	6	14.97	335212	20.0
unknown16.40	16.40	10.0	ng	168223	6	14.97	335212	20.0
.beta.-Sitosterol	16.62	68.6	ng	1149420	6	14.97	335212	20.0
Azulene, 1,2,3,5,...	16.87	26.0	ng	436390	6	14.97	335212	20.0
unknown17.05	17.05	39.7	ng	665279	6	14.97	335212	20.0
Spiro[4.5]dec-6-e...	17.25	29.2	ng	490053	6	14.97	335212	20.0
Bicyclo[3.1.1]hep...	17.35	24.1	ng	403279	6	14.97	335212	20.0
unknown17.42	17.42	28.2	ng	472152	6	14.97	335212	20.0
Bicyclo[3.1.1]hep...	17.83	11.7	ng	196222	6	14.97	335212	20.0
Longifolenaldehyde	18.11	90.9	ng	1523630	6	14.97	335212	20.0
unknown18.27	18.27	234.8	ng	3936030	6	14.97	335212	20.0