LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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	1.735	12	13	43	rVB	1040702	2009576	100.00%	9.484%
2	4.753	274	277	282	rVB	107769	177457	8.83%	0.837%
3	5.210	314	317	319	rBV	1165237	1159282	57.69%	5.471%
4	6.273	408	410	413	rBV	943454	1124558	55.96%	5.307%
5	6.387	418	420	423	rBV	1071757	1137848	56.62%	5.370%
6	6.616	438	440	442	rBV	320204	353008	17.57%	1.666%
7	6.776	452	454	457	rVB	1036019	907585	45.16%	4.283%
8	7.187	487	490	493	rBV	654291	707882	35.23%	3.341%
9	7.907	550	553	555	rBV	617659	510628	25.41%	2.410%
10	8.993	645	648	650	rBV	1007000	1448857	72.10%	6.838%
11	9.382	680	682	685	rBV	444626	486188	24.19%	2.294%
12	9.519	691	694	696	rBV	18745	24491	1.22%	0.116%
13	9.656	703	706	708	rVV	619009	554453	27.59%	2.617%
14	9.862	718	724	726	rBV2	19826	30250	1.51%	0.143%
15	10.102	744	745	747	rVB	36416	27719	1.38%	0.131%
16	10.193	752	753	756	rVB	41004	38309	1.91%	0.181%
17	10.445	772	775	777	rVV	510187	698758	34.77%	3.298%
18	10.570	781	786	790	rBV	39753	55308	2.75%	0.261%
19	10.936	816	818	820	rVB	33851	28042	1.40%	0.132%
20	11.016	824	825	827	rVV	36736	42219	2.10%	0.199%
21	11.130	832	835	836	rVV	520894	537605	26.75%	2.537%
22	11.153	836	837	839	rVV	635573	452073	22.50%	2.133%
23	11.199	839	841	843	rVB	138178	120047	5.97%	0.567%
24	11.359	853	855	856	rBV	35723	27400	1.36%	0.129%
25	11.393	856	858	860	rVV2	20643	29446	1.47%	0.139%
26	11.462	862	864	866	rVB2	15328	21912	1.09%	0.103%
27	11.622	876	878	880	rBV	39952	62652	3.12%	0.296%
28	11.656	880	881	883	rVB	89014	62126	3.09%	0.293%
29	11.702	883	885	886	rBV	33002	25060	1.25%	0.118%
30	11.736	886	888	893	rVB2	118070	146182	7.27%	0.690%
31	11.851	893	898	900	rBV	14469	33377	1.66%	0.158%
32	11.919	903	904	905	rBV	42244	40098	2.00%	0.189%
33	12.171	924	926	928	rBV	28489	39532	1.97%	0.187%
34	12.216	928	930	932	rVV	14414	31318	1.56%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.262	932	934	938	rVB	31079	45190	2.25%	0.213%
36	12.331	938	940	943	rBV	651215	653513	32.52%	3.084%
37	12.479	950	953	957	rBV4	20980	35904	1.79%	0.169%
38	12.559	957	960	962	rBV	694221	738600	36.75%	3.486%
39	12.605	962	964	967	rVB2	35285	49444	2.46%	0.233%
40	12.674	968	970	971	rBV	25831	32134	1.60%	0.152%
41	12.708	971	973	976	rVB	835436	966123	48.08%	4.559%
42	12.776	976	979	983	rBV2	36449	78064	3.88%	0.368%
43	12.891	984	989	991	rVB2	54183	109280	5.44%	0.516%
44	12.948	991	994	996	rBV2	44463	74765	3.72%	0.353%
45	12.982	996	997	1001	rVB	44739	67282	3.35%	0.318%
46	13.074	1004	1005	1007	rVB	19829	24222	1.21%	0.114%
47	13.108	1007	1008	1010	rBV	36008	33570	1.67%	0.158%
48	13.188	1013	1015	1018	rBV	192915	206653	10.28%	0.975%
49	13.256	1020	1021	1022	rVB	31791	21809	1.09%	0.103%
50	13.302	1022	1025	1027	rVB2	12738	23113	1.15%	0.109%
51	13.394	1029	1033	1035	rBV	42724	68134	3.39%	0.322%
52	13.496	1040	1042	1043	rBV	55942	56328	2.80%	0.266%
53	13.531	1043	1045	1046	rVV	25891	38750	1.93%	0.183%
54	13.599	1049	1051	1052	rVB	59069	52126	2.59%	0.246%
55	13.634	1052	1054	1061	rVB4	85590	135677	6.75%	0.640%
56	13.748	1061	1064	1070	rBV2	554078	1031177	51.31%	4.866%
57	13.851	1071	1073	1075	rBV2	44048	48459	2.41%	0.229%
58	13.885	1075	1076	1079	rVB3	15383	21906	1.09%	0.103%
59	13.942	1079	1081	1082	rBV2	27429	33483	1.67%	0.158%
60	13.976	1082	1084	1085	rVB2	23370	25466	1.27%	0.120%
61	14.011	1085	1087	1090	rVB	13272	23358	1.16%	0.110%
62	14.137	1096	1098	1099	rVB	43864	37837	1.88%	0.179%
63	14.171	1099	1101	1103	rVB2	26849	25284	1.26%	0.119%
64	14.274	1107	1110	1114	rVB4	63202	131153	6.53%	0.619%
65	14.445	1122	1125	1127	rBV3	31883	69563	3.46%	0.328%
66	14.537	1129	1133	1135	rBV2	49896	89155	4.44%	0.421%
67	14.605	1137	1139	1141	rVV3	53867	84964	4.23%	0.401%
68	14.662	1143	1144	1145	rVV	41151	37857	1.88%	0.179%
69	14.697	1145	1147	1148	rVV	36102	40411	2.01%	0.191%
70	14.742	1148	1151	1155	rVV	280535	510237	25.39%	2.408%
71	14.834	1156	1159	1160	rVB2	98572	111372	5.54%	0.526%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.868	1160	1162	1164	rBV3	46748	66551	3.31%	0.314%
73	14.994	1171	1173	1176	rVB	134142	186275	9.27%	0.879%
74	15.051	1176	1178	1181	rBV	231710	266796	13.28%	1.259%
75	15.108	1181	1183	1184	rBV	279371	320699	15.96%	1.513%
76	15.325	1200	1202	1205	rVB2	22550	32030	1.59%	0.151%
77	15.520	1217	1219	1223	rBV	60121	107299	5.34%	0.506%
78	15.588	1223	1225	1228	rVV2	23399	44630	2.22%	0.211%
79	15.702	1233	1235	1242	rVB6	20752	61623	3.07%	0.291%
80	15.874	1248	1250	1254	rVB3	16819	25798	1.28%	0.122%
81	16.057	1264	1266	1272	rVB7	30902	75635	3.76%	0.357%
82	16.182	1274	1277	1282	rVB4	33885	77877	3.88%	0.368%
83	16.342	1288	1291	1294	rVB	85262	133933	6.66%	0.632%
84	16.480	1301	1303	1305	rBV2	23478	40871	2.03%	0.193%
85	16.537	1306	1308	1310	rVV	22652	39873	1.98%	0.188%
86	16.605	1310	1314	1318	rVB	47624	116102	5.78%	0.548%
87	16.708	1320	1323	1330	rVB	64404	125986	6.27%	0.595%
88	16.857	1332	1336	1339	rBV3	40555	105073	5.23%	0.496%
89	17.680	1405	1408	1416	rVB3	25771	68276	3.40%	0.322%
90	18.434	1471	1474	1478	rBV5	8585	27002	1.34%	0.127%
91	18.548	1479	1484	1493	rVB6	80127	283886	14.13%	1.340%

Sum of corrected areas: 21189824

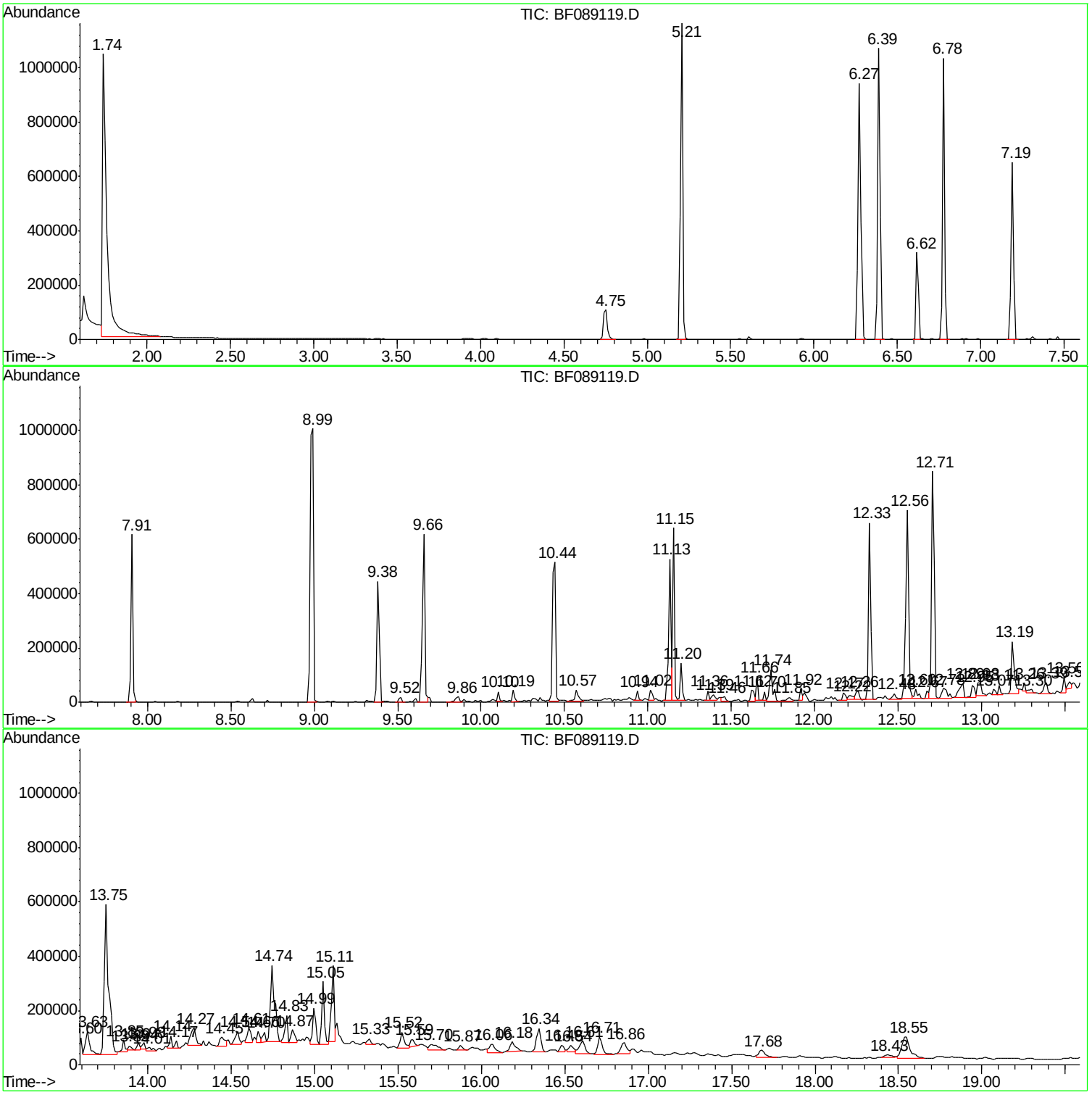
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

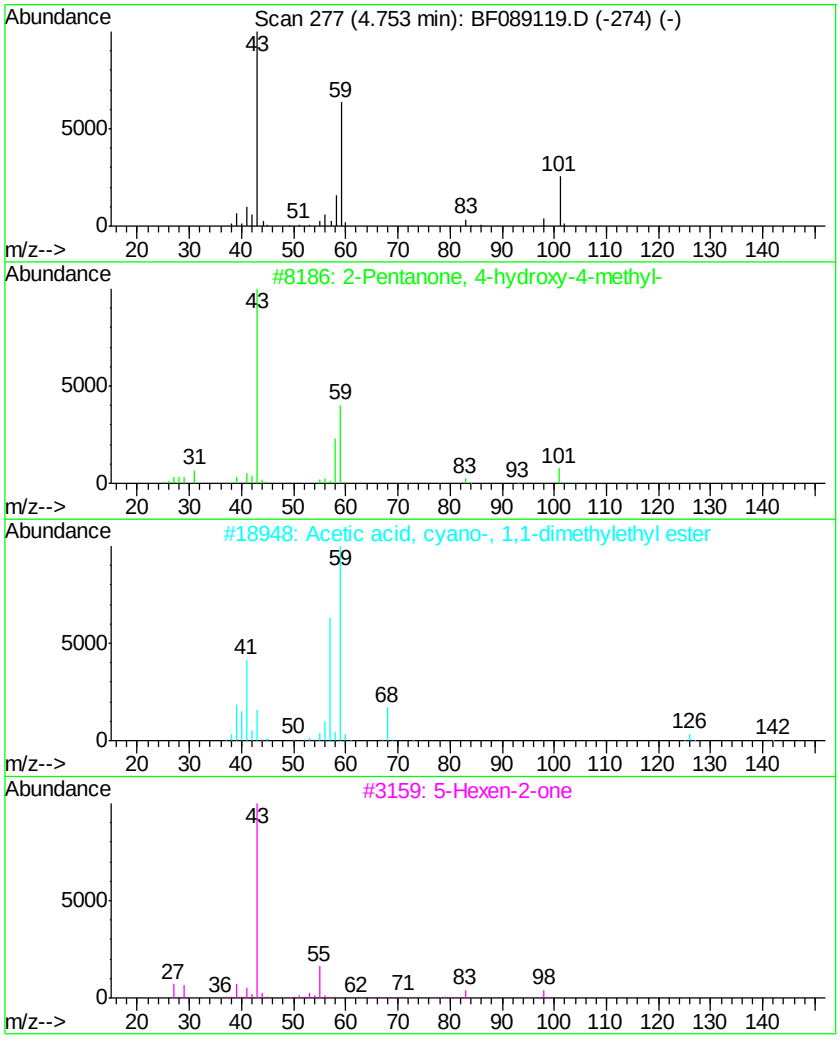
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

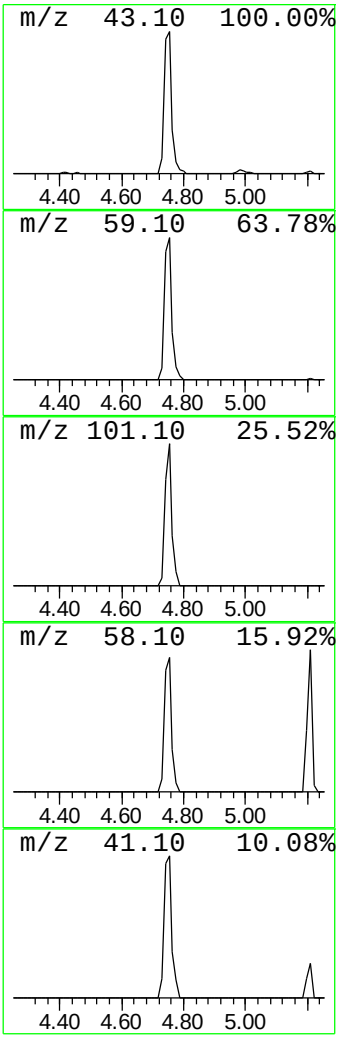
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	10.05 ng	177457	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

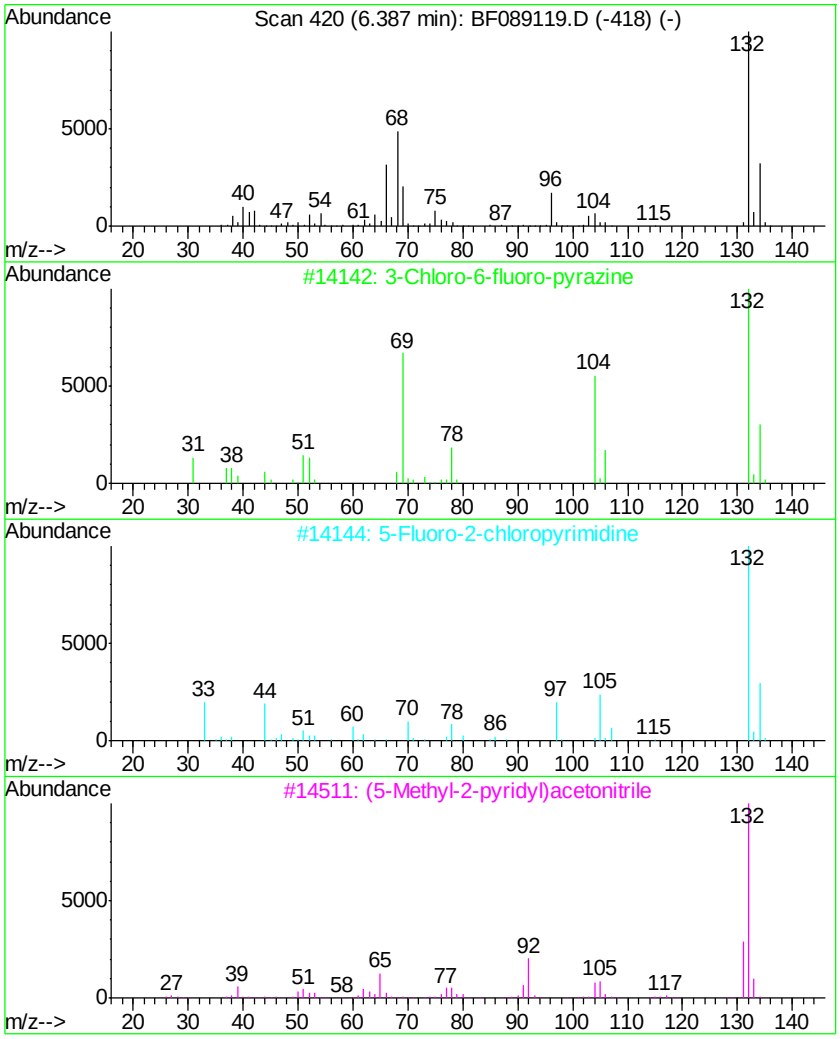
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

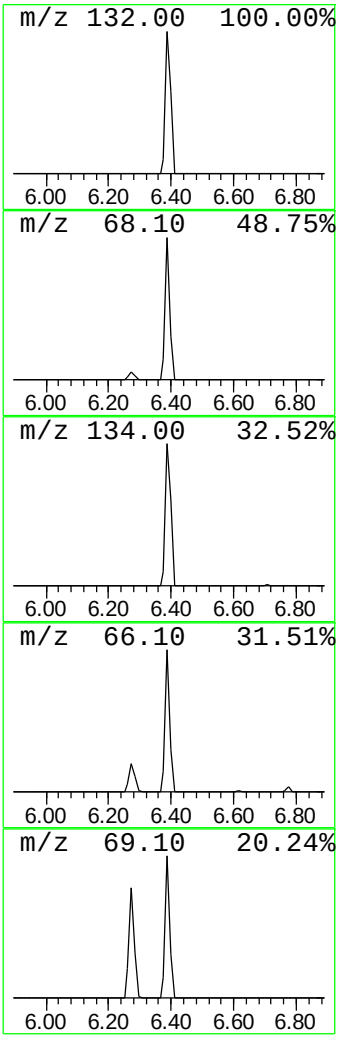
****

Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	64.47 ng	1137850	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

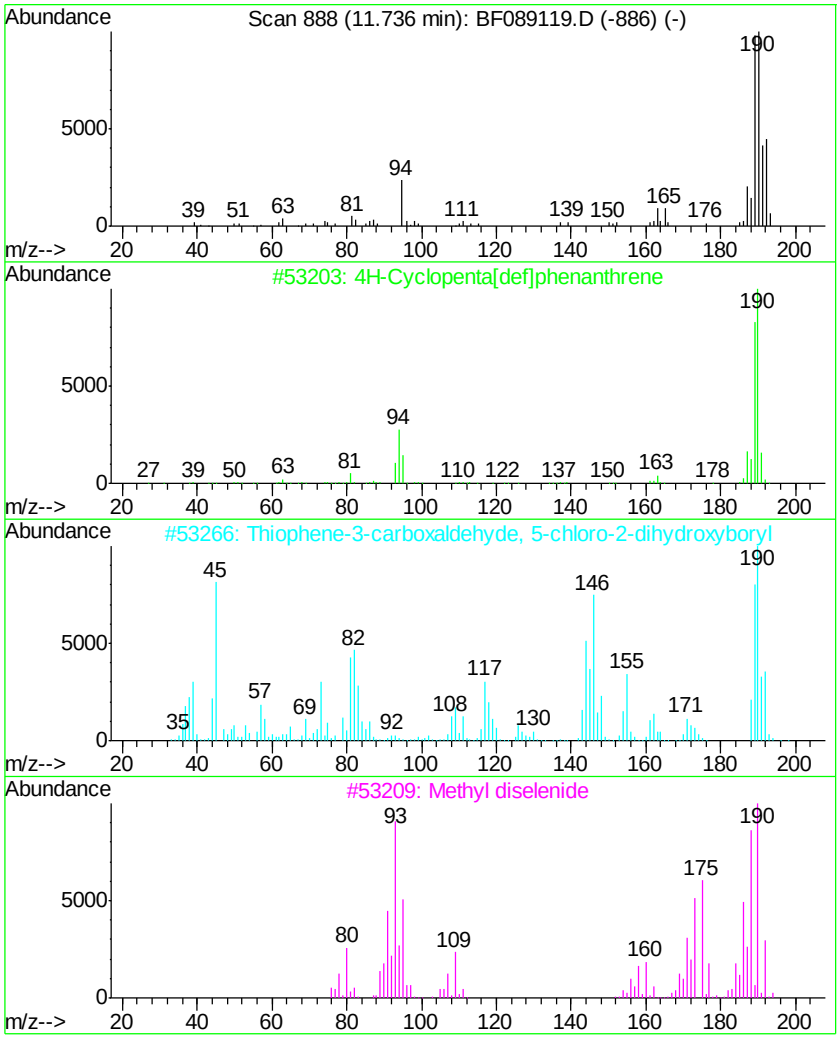
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

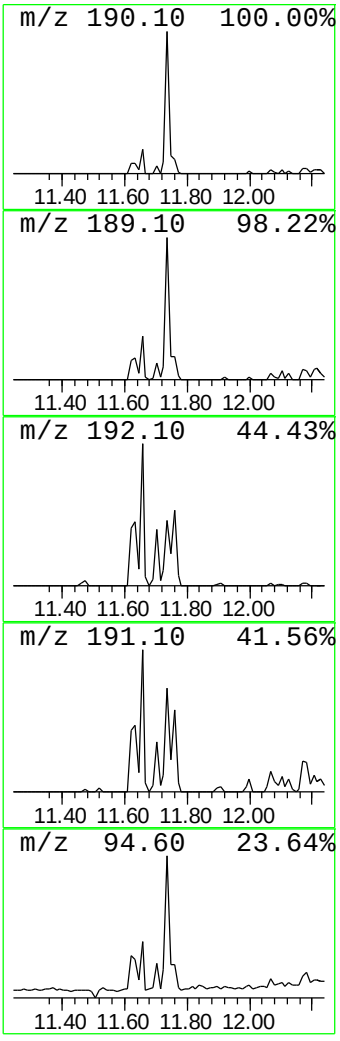
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.44 ng	146182	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

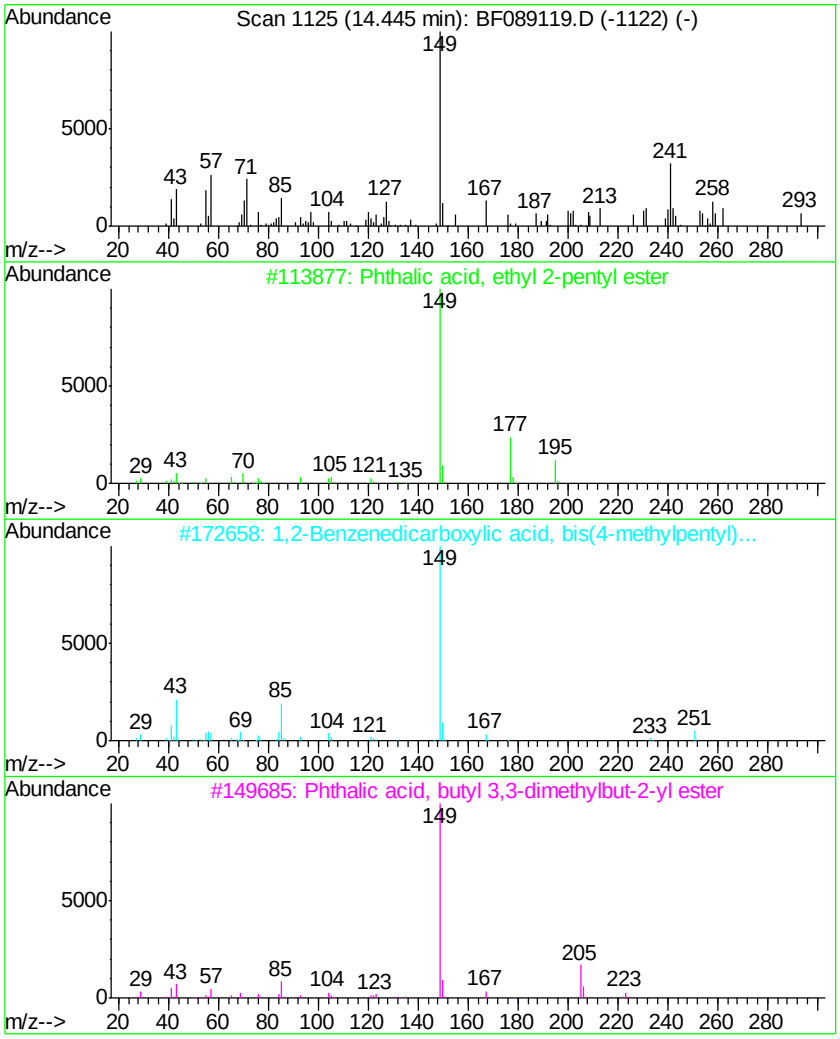
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

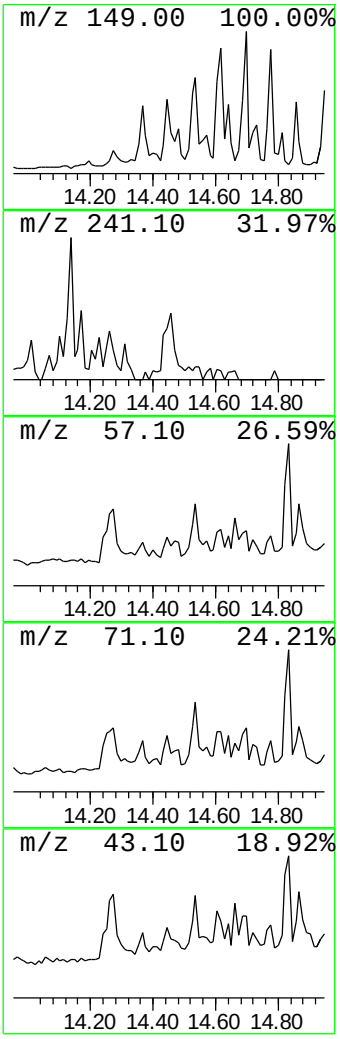
****

Peak Number 6 unknown14.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.34 ng	69563	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, ethyl 2-pentyl ester	264	C15H20O4	1000315-47-4	38
2	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	38
3	Phthalic acid, butyl 3,3-dimethy...	306	C18H26O4	1000357-00-2	38
4	Phthalic acid, 5-methylhex-2-yl ...	320	C19H28O4	1000371-09-1	38
5	Phthalic acid, 4,4-dimethylpent-...	320	C19H28O4	1000371-14-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

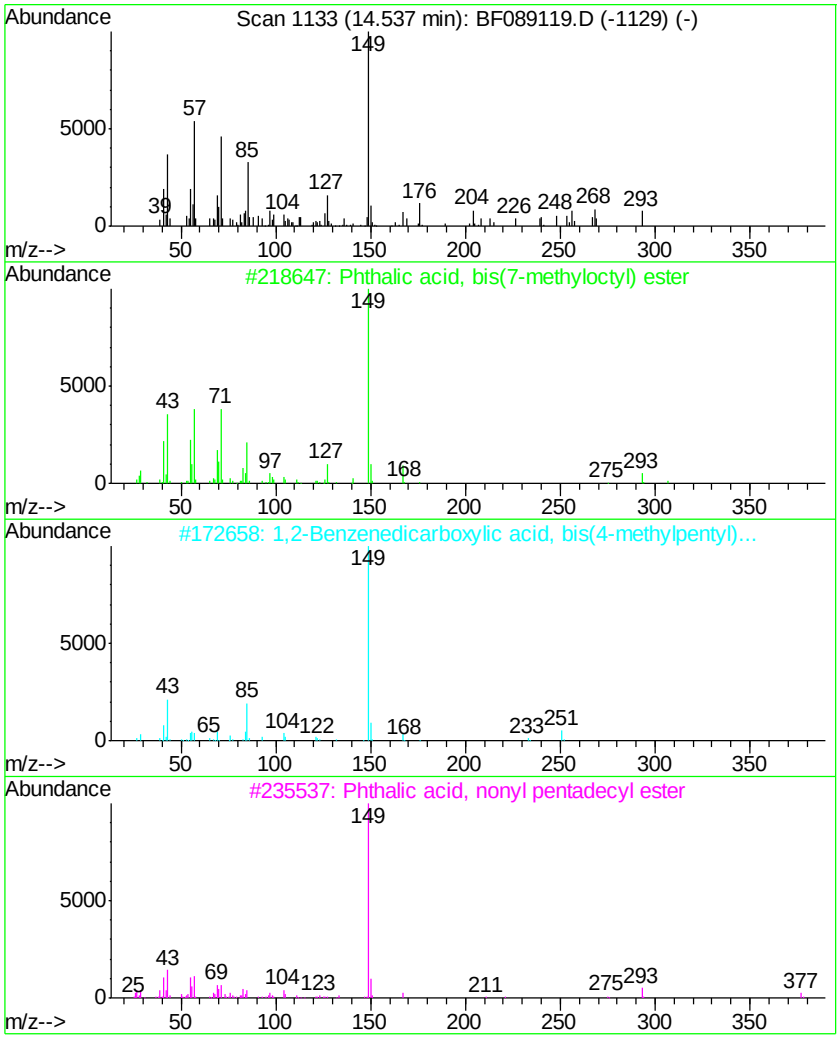
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

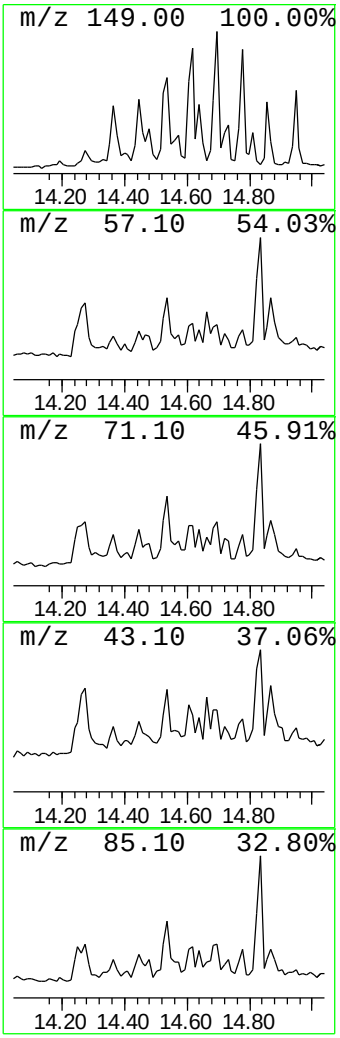
****

Peak Number 7 Phthalic acid, bis(7-methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.56 ng	89155	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	64
2	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	47
3	Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	43
4	Phthalic acid, 2-ethylhexyl prop...	320	C19H28O4	1000309-00-2	38
5	Phthalic acid, 5-methylhex-2-yl ...	348	C21H32O4	1000371-08-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

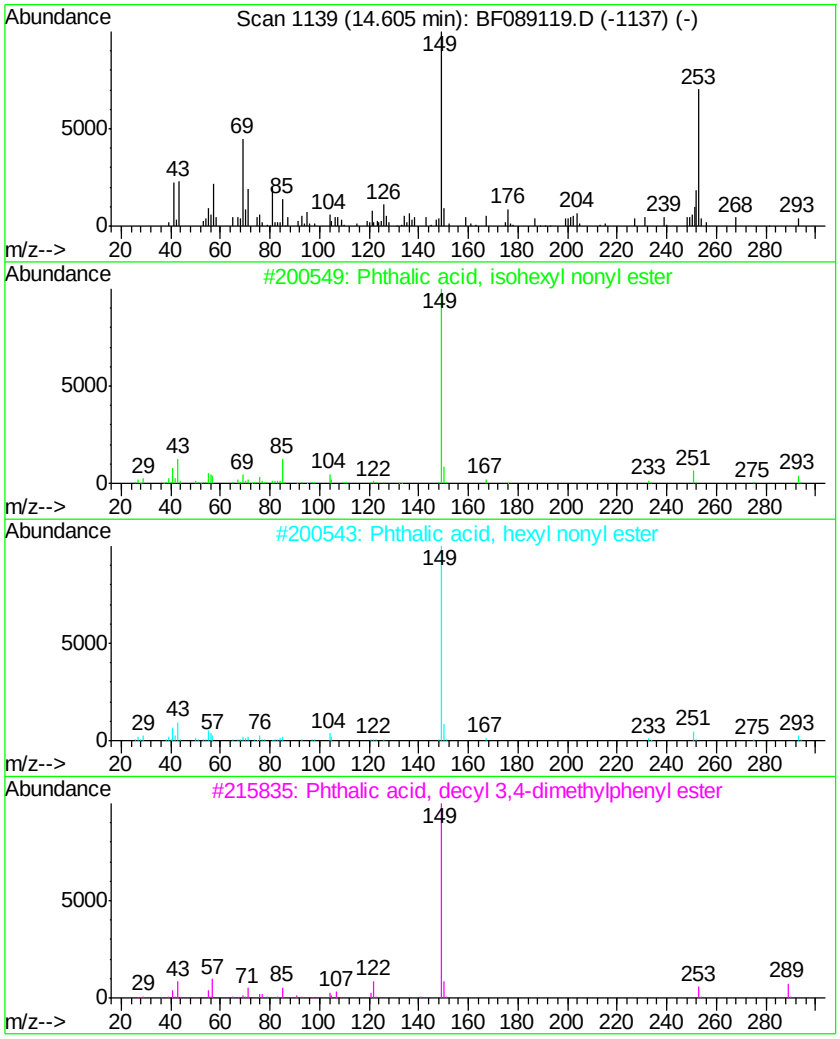
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

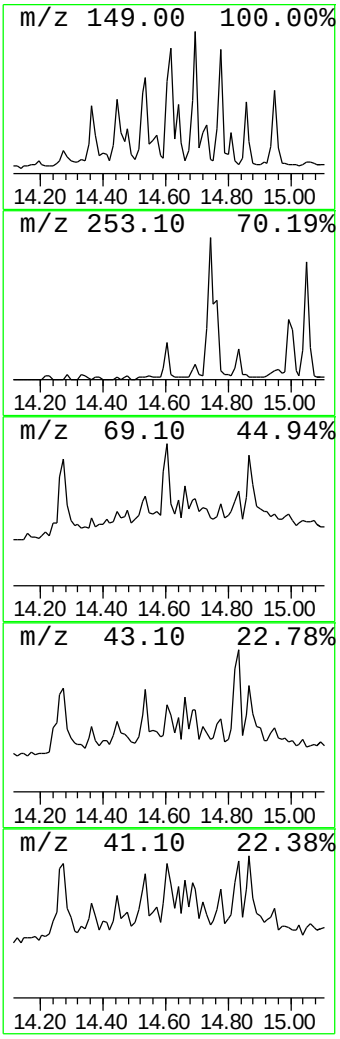
****

Peak Number 8 unknown14.61 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	5.30 ng	84964	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isohexyl nonyl ester	376	C23H36O4	1000309-07-2	46
2	Phthalic acid, hexyl nonyl ester	376	C23H36O4	1000309-01-1	43
3	Phthalic acid, decyl 3,4-dimethy...	410	C26H34O4	1000309-82-4	43
4	Phthalic acid, 5-methylhex-2-yl ...	348	C21H32O4	1000371-08-8	43
5	Phthalic acid, 2-ethylhexyl hexy...	362	C22H34O4	1000309-02-5	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

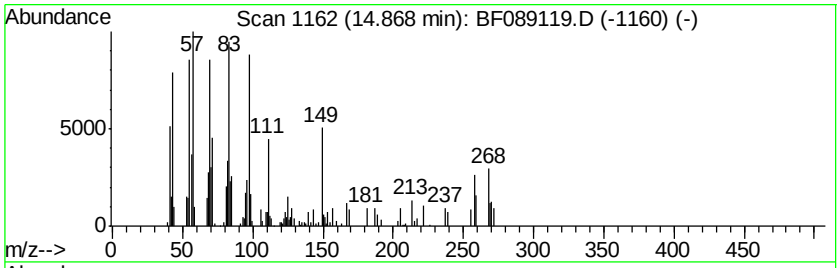
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

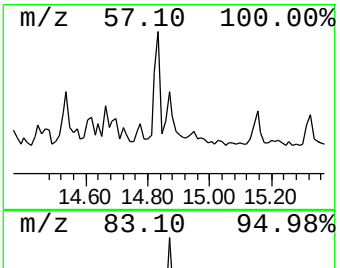
****

Peak Number 10 7-Heptadecene, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.15 ng	66551	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	76
2	Behenic alcohol	326	C22H46O	000661-19-8	70
3	17-Pentatriacontene	491	C35H70	006971-40-0	68
4	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	60
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

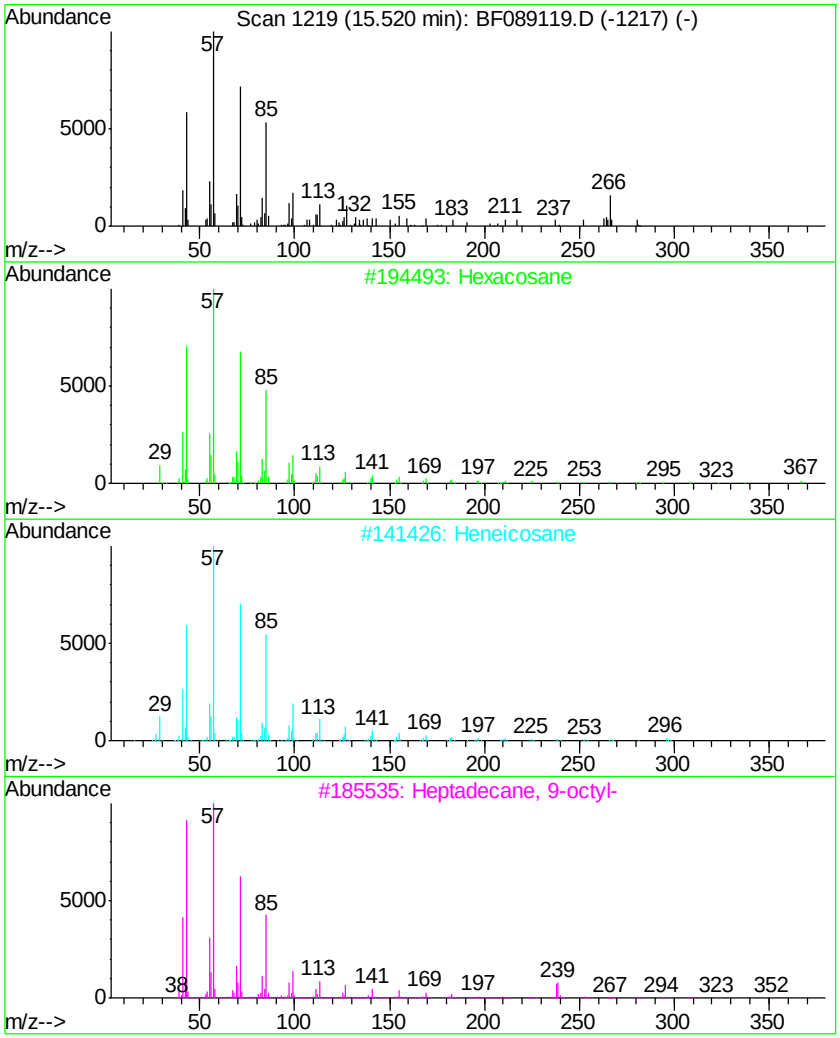
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

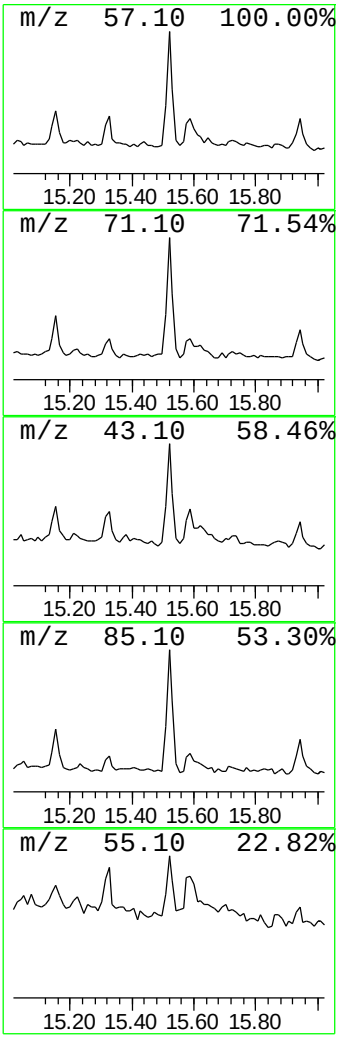
****

Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.69 ng	107299	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74
5	Triacontane	422	C30H62	000638-68-6	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

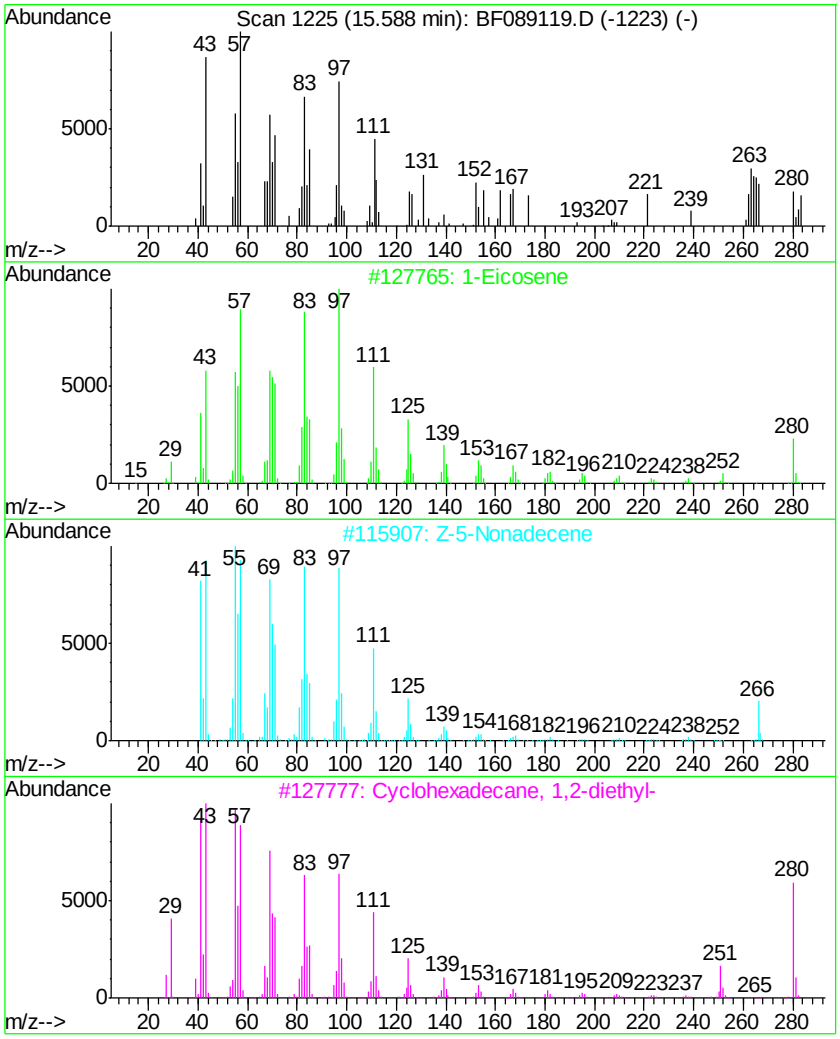
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

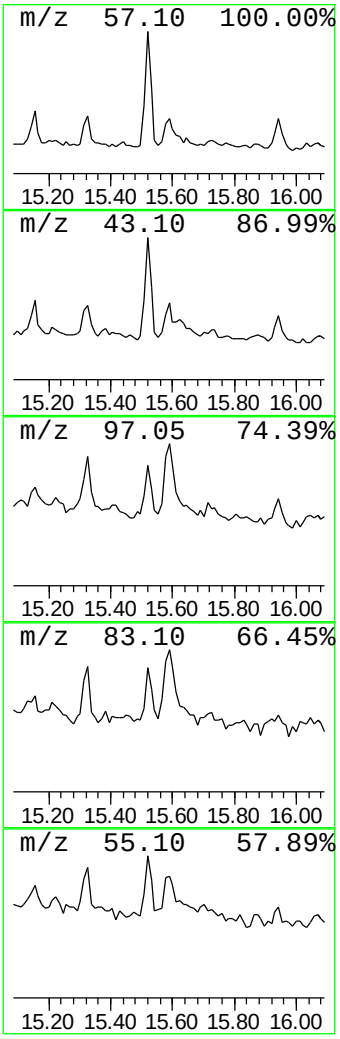
****

Peak Number 13 1-Eicosene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.78 ng	44630	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	64
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	64
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	50
4	4-Methyl-4-nonadecene	280	C20H40	1000131-11-5	45
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

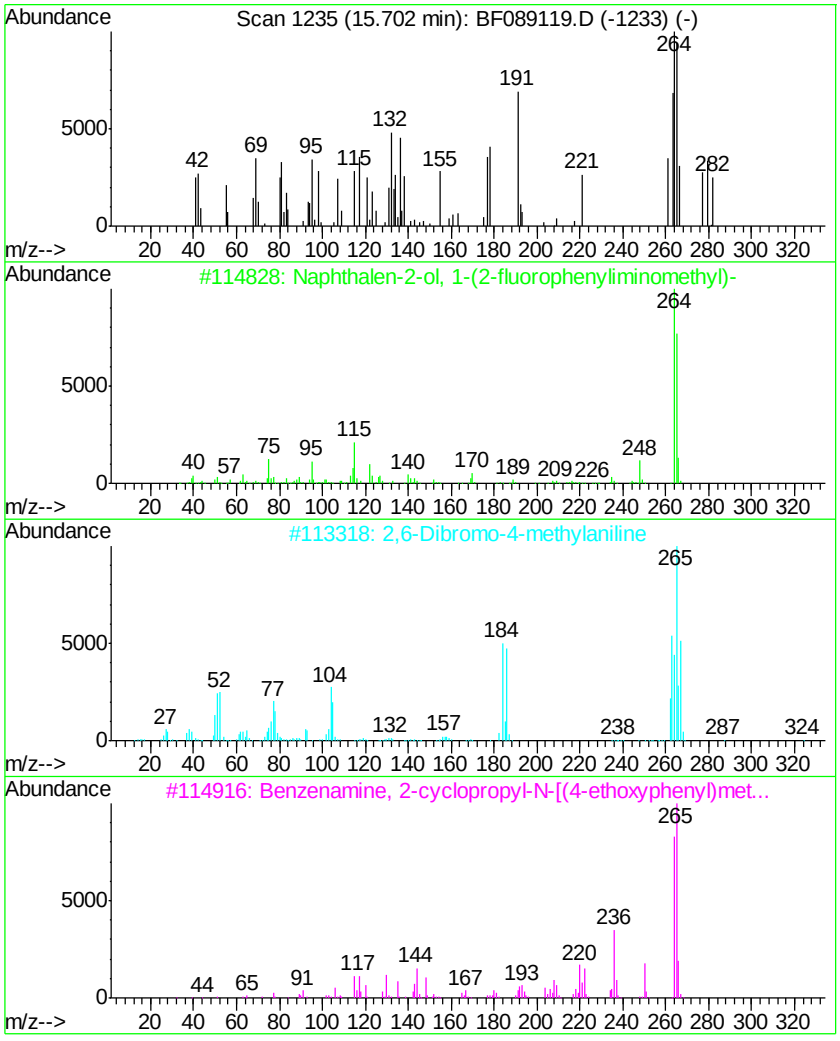
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

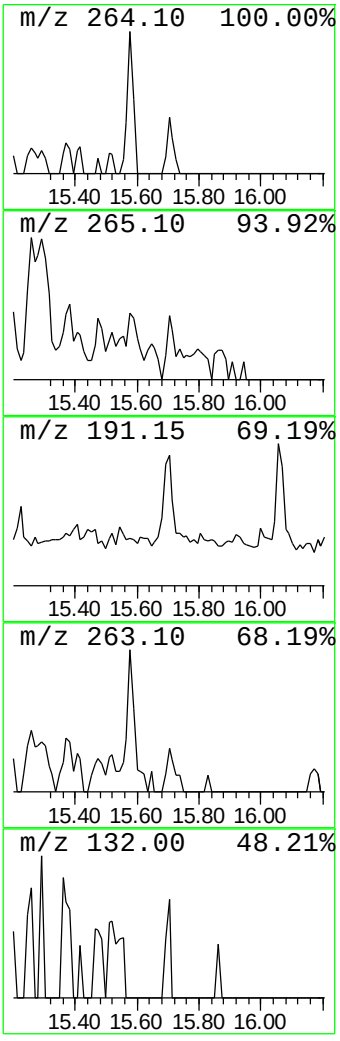
****

Peak Number 14 unknown15.70 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.84 ng	61623	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalen-2-ol, 1-(2-fluorophen...	265	C17H12FNO	073621-66-6	25
2	2,6-Dibromo-4-methylaniline	263	C7H7Br2N	006968-24-7	25
3	Benzenamine, 2-cyclopropyl-N-[(4...	265	C18H19NO	1000349-87-9	25
4	2-Oxo-3-phenyl-6-(4-tolyl)-1,2,3...	264	C17H16N2O	1000070-55-1	22
5	9H-Purin-6-amine, N,9-bis(trimet...	279	C11H21N5Si2	017995-04-9	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

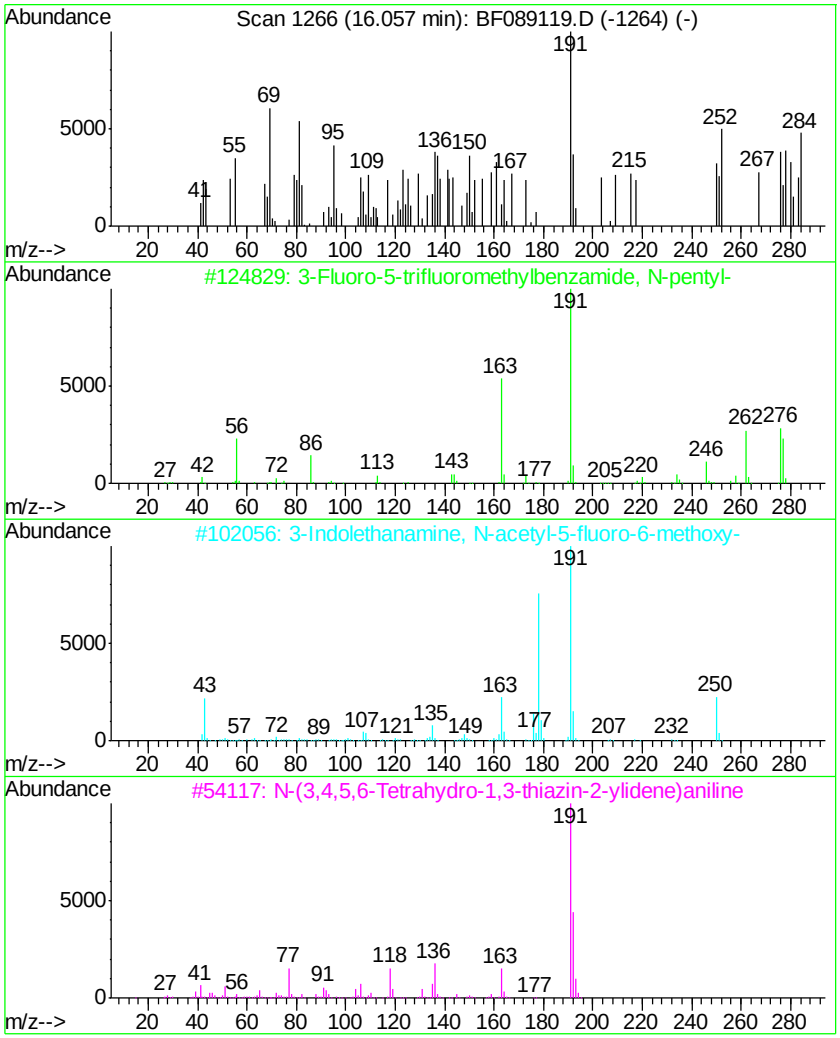
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

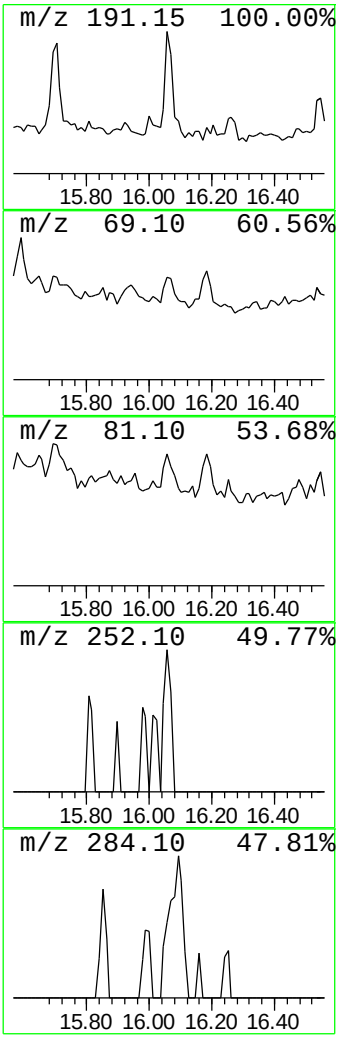
****

Peak Number 15 unknown16.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.72 ng	75635	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluoro-5-trifluoromethylbenzam...	277	C13H15F4NO	1000358-14-1	16
2	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	14
3	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	14
4	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	11
5	Furan-2-carboxylic acid, 5-bromo...	393	C18H20BrNO4	1000311-01-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

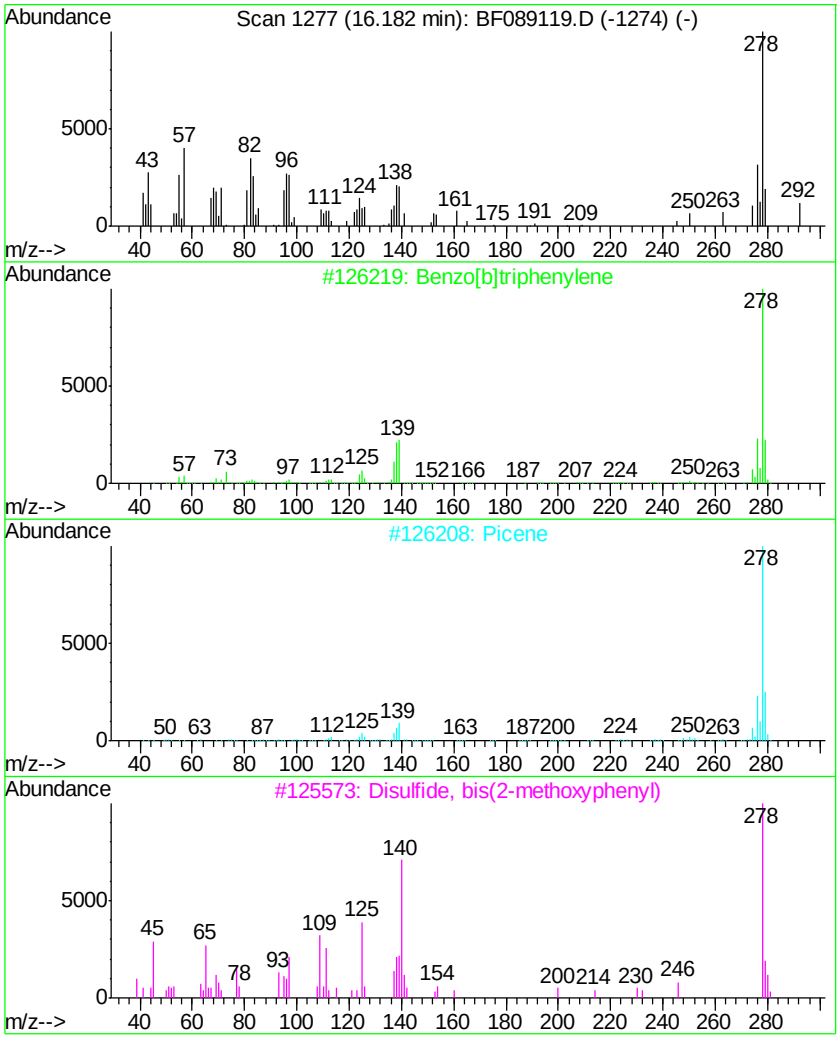
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

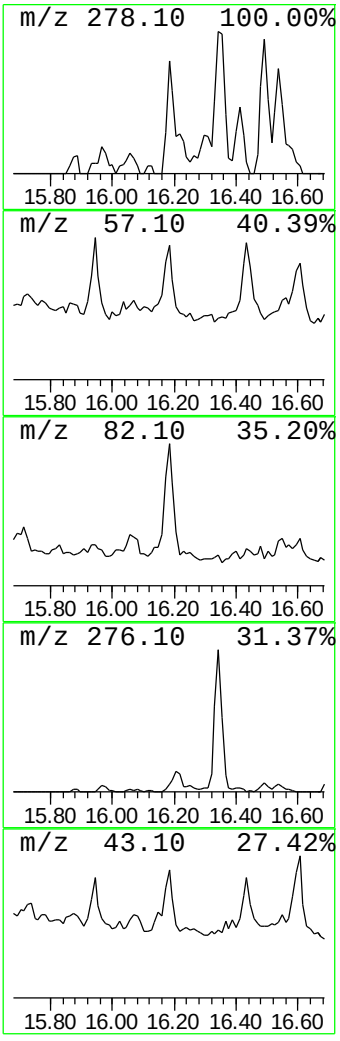
****

Peak Number 16 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.86 ng	77877	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
2	Picene	278	C22H14	000213-46-7	53
3	Disulfide, bis(2-methoxyphenyl)	278	C14H14O2S2	013920-94-0	53
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
5	Pentacene	278	C22H14	000135-48-8	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

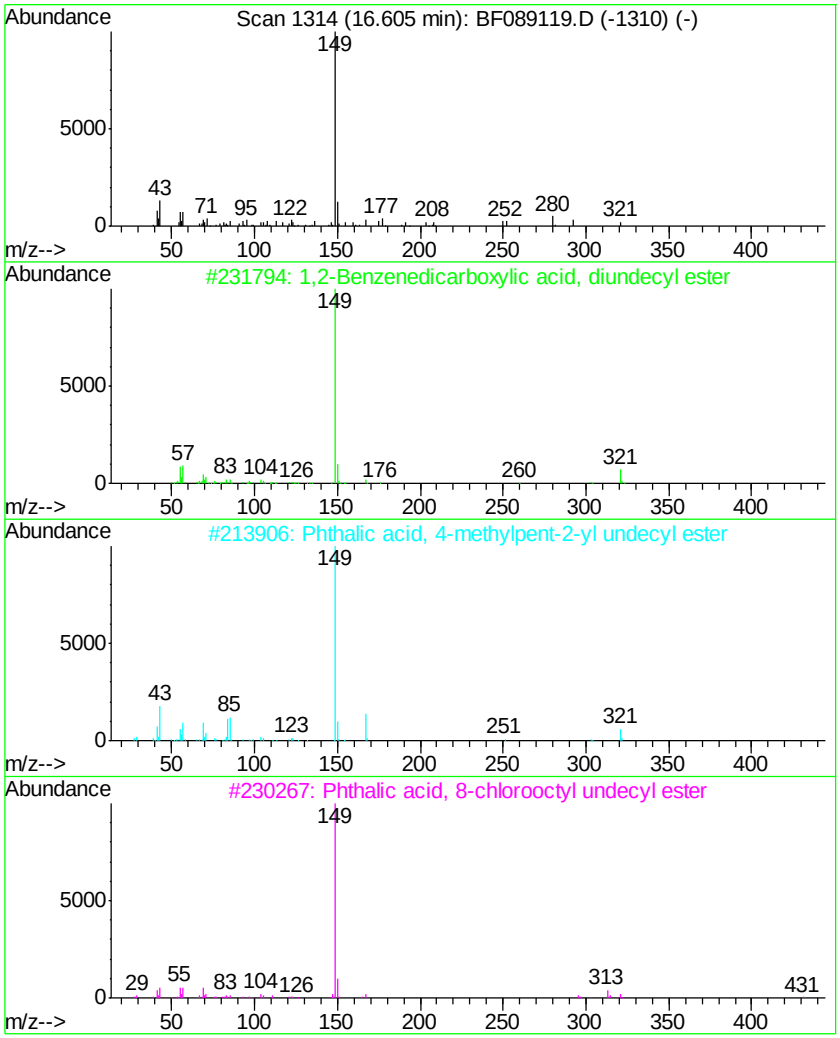
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

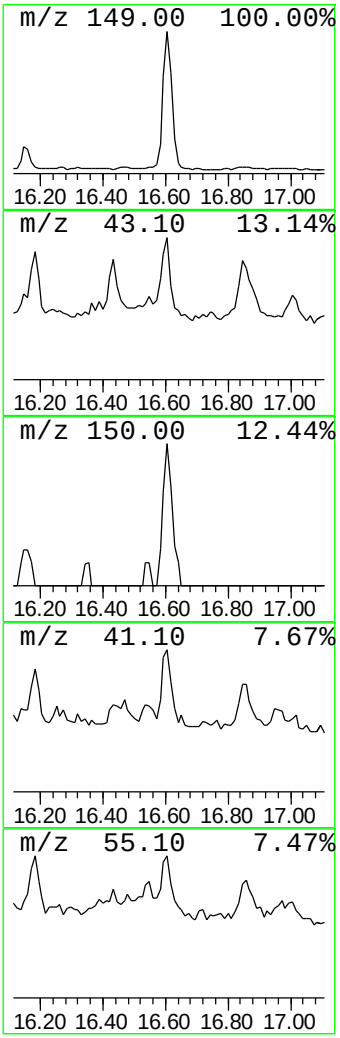
****

Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	7.24 ng	116102	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	64
2	Phthalic acid, 4-methylpent-2-yl...	404	C25H40O4	1000356-88-1	64
3	Phthalic acid, 8-chlorooctyl und...	466	C27H43ClO4	1000356-86-6	64
4	Phthalic acid, 2-chloropropyl he...	480	C28H45ClO4	1000356-83-8	59
5	Phthalic acid, heptyl 4-methylhe...	376	C23H36O4	1000377-94-2	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

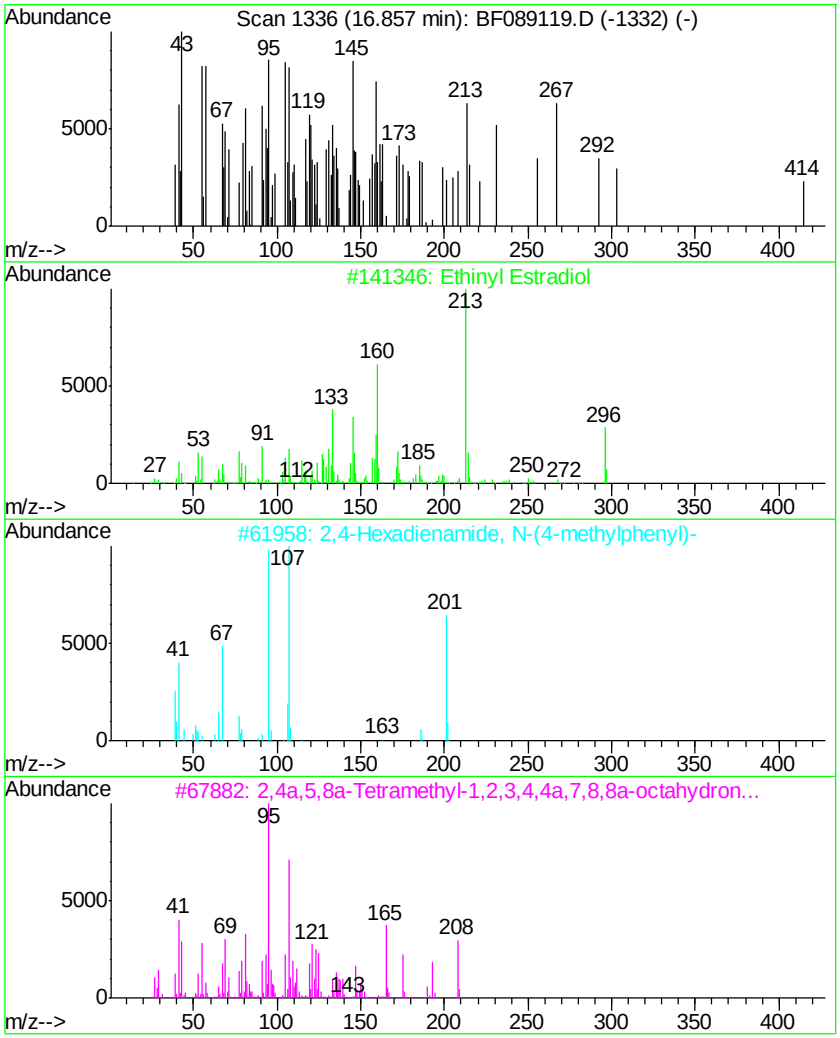
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

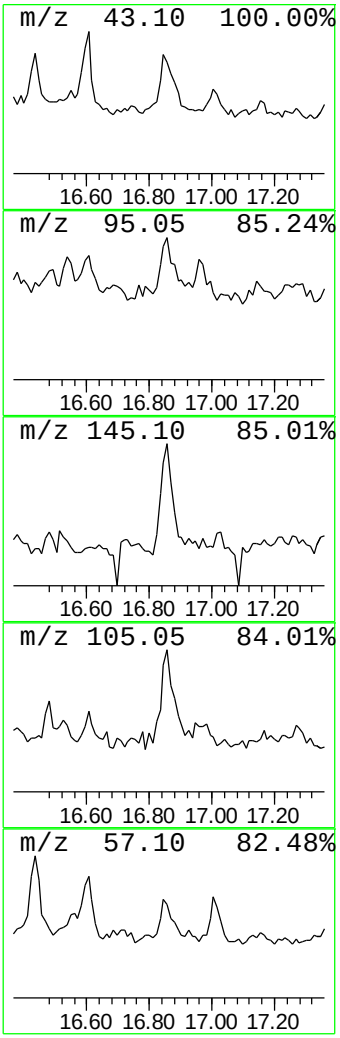
****

Peak Number 18 unknown16.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	6.55 ng	105073	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethinyl Estradiol	296	C20H24O2	000057-63-6	27
2	2,4-Hexadienamide, N-(4-methylph...	201	C13H15NO	1000362-68-5	14
3	2,4a,5,8a-Tetramethyl-1,2,3,4,4a...	208	C14H24O	020558-22-9	14
4	4-Hydroxy-4-(4,6-dimethylcyclohe...	196	C12H20O2	002316-79-2	12
5	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

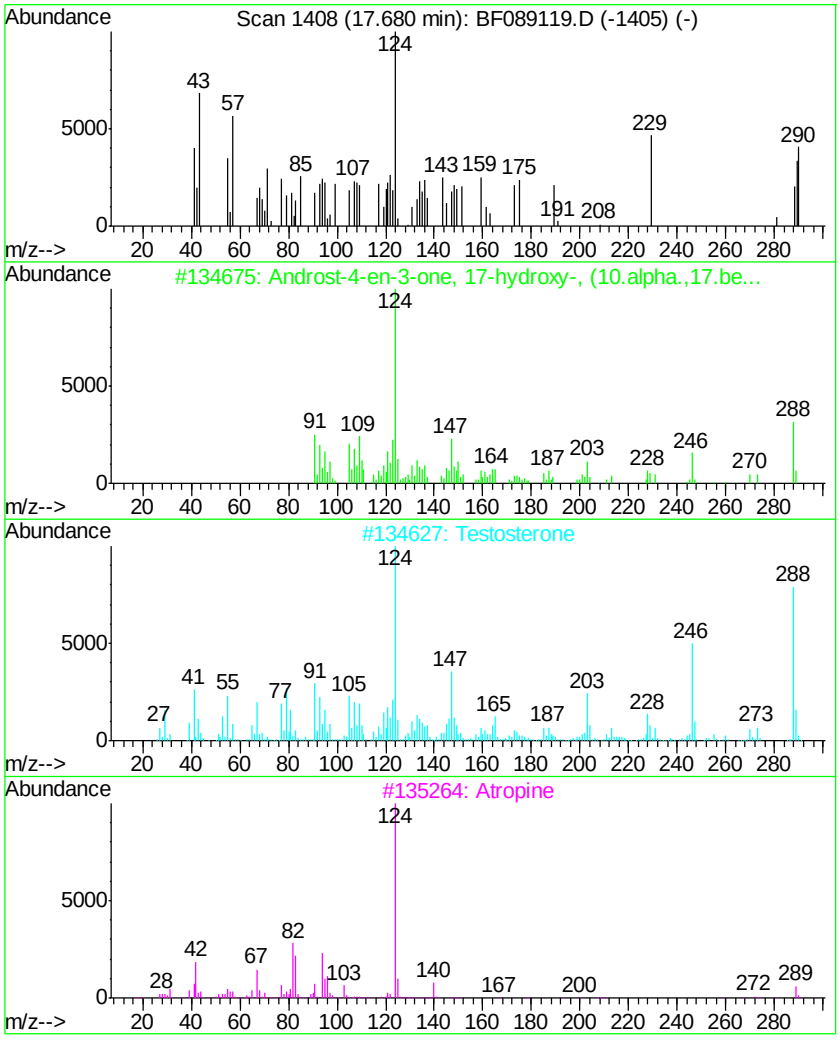
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

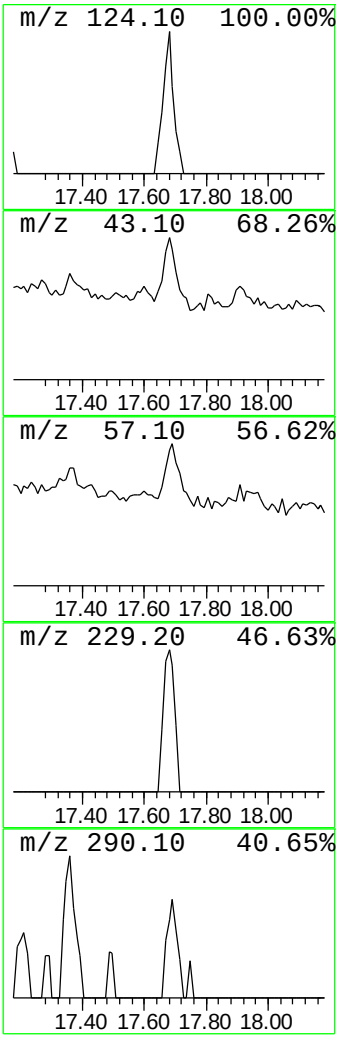
****

Peak Number 19 unknown17.68 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	4.26 ng	68276	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	38
2	Testosterone	288	C19H28O2	000058-22-0	30
3	Atropine	289	C17H23NO3	000051-55-8	12
4	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	10
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

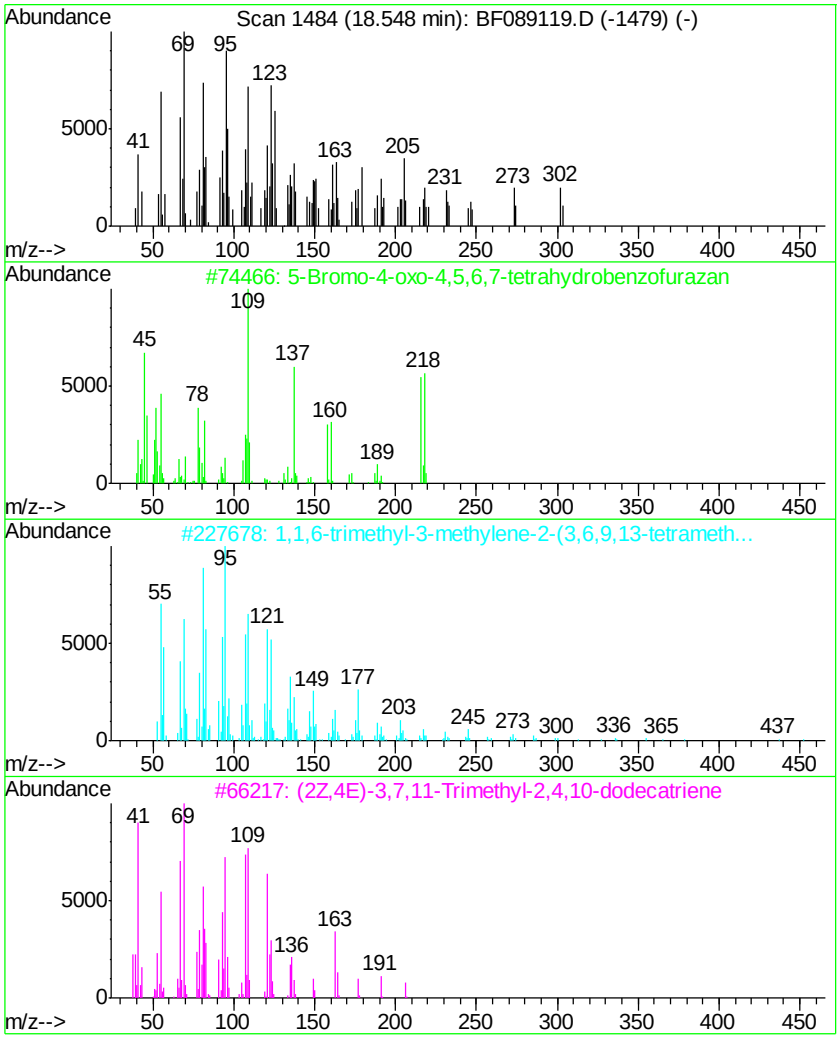
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

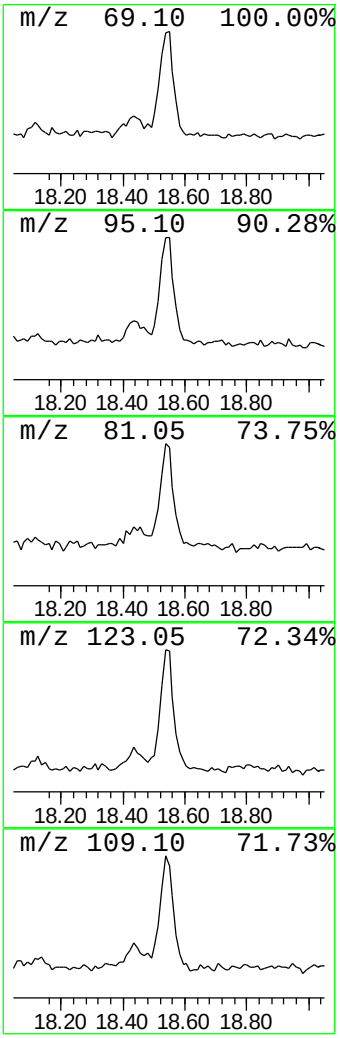
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	17.70 ng	283886	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	49
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	46
4	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	42
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089119.D
Acq On : 19 Jul 2016 15:41
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.75	10.1	ng	177457	1	6.62	353008	20.0
unknown6.39	6.39	64.5	ng	1137850	1	6.62	353008	20.0
4H-Cyclopenta[def...	11.74	5.4	ng	146182	4	11.13	537605	20.0
unknown14.45	14.45	4.3	ng	69563	6	15.11	320699	20.0
Phthalic acid, bi...	14.54	5.6	ng	89155	6	15.11	320699	20.0
unknown14.61	14.61	5.3	ng	84964	6	15.11	320699	20.0
7-Heptadecene, 1-...	14.87	4.2	ng	66551	6	15.11	320699	20.0
Hexacosane	15.52	6.7	ng	107299	6	15.11	320699	20.0
1-Eicosene	15.59	2.8	ng	44630	6	15.11	320699	20.0
unknown15.70	15.70	3.8	ng	61623	6	15.11	320699	20.0
unknown16.06	16.06	4.7	ng	75635	6	15.11	320699	20.0
Benzo[b]triphenylene	16.18	4.9	ng	77877	6	15.11	320699	20.0
1,2-Benzenedicarb...	16.61	7.2	ng	116102	6	15.11	320699	20.0
unknown16.86	16.86	6.5	ng	105073	6	15.11	320699	20.0
unknown17.68	17.68	4.3	ng	68276	6	15.11	320699	20.0
5-Bromo-4-oxo-4,5...	18.55	17.7	ng	283886	6	15.11	320699	20.0