LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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	1.850	21	23	31	rVB	58189	81647	3.01%	0.334%
2	4.959	292	295	300	rBB	107185	144228	5.32%	0.590%
3	5.381	329	332	335	rBV	2006910	2037121	75.18%	8.334%
4	6.422	420	423	426	rBV	1821540	2036850	75.17%	8.333%
5	6.559	432	435	437	rBV	2197542	2484154	91.68%	10.162%
6	6.787	453	455	457	rBV	841712	693960	25.61%	2.839%
7	6.947	466	469	471	rVB	1950382	1951535	72.02%	7.984%
8	7.347	501	504	507	rVB	1334625	1323789	48.85%	5.416%
9	7.816	543	545	547	rVB2	23711	35123	1.30%	0.144%
10	8.067	565	567	570	rBV	797463	834291	30.79%	3.413%
11	8.353	587	592	595	rVV4	15774	43761	1.62%	0.179%
12	8.456	600	601	603	rVB2	31700	29432	1.09%	0.120%
13	8.639	613	617	618	rVB	46806	64049	2.36%	0.262%
14	8.662	618	619	621	rBV2	31819	31240	1.15%	0.128%
15	8.787	627	630	631	rVB	179457	210052	7.75%	0.859%
16	8.879	636	638	640	rVV	230322	198139	7.31%	0.811%
17	9.153	659	662	664	rVB	2506966	2709653	100.00%	11.085%
18	9.290	672	674	676	rVV	50912	54972	2.03%	0.225%
19	9.348	676	679	682	rVB	48435	90289	3.33%	0.369%
20	9.405	682	684	687	rBV	154519	233359	8.61%	0.955%
21	9.485	689	691	692	rVV	247693	246186	9.09%	1.007%
22	9.508	692	693	694	rVV	123668	100528	3.71%	0.411%
23	9.542	694	696	698	rVV	243534	227068	8.38%	0.929%
24	9.599	698	701	704	rVV	137259	162402	5.99%	0.664%
25	9.679	706	708	712	rBV	99284	105891	3.91%	0.433%
26	9.816	718	720	722	rBV2	710552	824610	30.43%	3.373%
27	9.850	722	723	725	rVV	184607	161702	5.97%	0.662%
28	9.930	728	730	732	rVB	73595	104571	3.86%	0.428%
29	9.976	732	734	735	rBV2	29812	41108	1.52%	0.168%
30	10.022	735	738	740	rVV	176052	173743	6.41%	0.711%
31	10.068	740	742	743	rVV	60320	79022	2.92%	0.323%
32	10.136	746	748	749	rBV	100527	92208	3.40%	0.377%
33	10.170	749	751	752	rVB2	41307	54831	2.02%	0.224%
34	10.228	754	756	760	rBV2	55144	128226	4.73%	0.525%

LSC Area Percent Report

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Acq On : 4 Jul 2016 15:01
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Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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Peak separation: 5

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

35	10.365	765	768	769	rBV3	38350	56182	2.07%	0.230%
36	10.388	769	770	772	rVV2	30842	42825	1.58%	0.175%
37	10.433	772	774	777	rVV3	62032	104384	3.85%	0.427%
38	10.479	777	778	780	rVV	48499	53690	1.98%	0.220%
39	10.525	780	782	785	rVB2	37117	57452	2.12%	0.235%
40	10.605	787	789	791	rVV	1280597	1161762	42.87%	4.753%
41	10.639	791	792	795	rVB2	25018	40663	1.50%	0.166%
42	10.708	795	798	799	rBV2	21546	29318	1.08%	0.120%
43	10.731	799	800	804	rVB2	65426	87653	3.23%	0.359%
44	10.811	804	807	811	rBV3	28317	87175	3.22%	0.357%
45	10.902	813	815	817	rVV2	34248	57957	2.14%	0.237%
46	10.936	817	818	821	rVV3	49441	85411	3.15%	0.349%
47	11.062	824	829	832	rBV4	29240	78907	2.91%	0.323%
48	11.176	838	839	841	rBV	46311	45396	1.68%	0.186%
49	11.211	841	842	845	rVB3	46035	46310	1.71%	0.189%
50	11.302	847	850	852	rBV	570228	664118	24.51%	2.717%
51	11.371	853	856	857	rVB2	22742	38631	1.43%	0.158%
52	11.416	857	860	862	rBV4	22368	57842	2.13%	0.237%
53	11.611	875	877	880	rVB3	16831	31278	1.15%	0.128%
54	11.805	892	894	895	rBV2	20722	35995	1.33%	0.147%
55	11.873	898	900	901	rBV2	22154	28248	1.04%	0.116%
56	11.908	901	903	908	rVB2	32887	70114	2.59%	0.287%
57	12.239	929	932	934	rBV2	26161	46267	1.71%	0.189%
58	12.296	934	937	938	rVB2	28370	42132	1.55%	0.172%
59	12.342	939	941	943	rBV	44831	62673	2.31%	0.256%
60	12.502	954	955	957	rBV	34863	32237	1.19%	0.132%
61	12.685	967	971	972	rBV3	16010	31071	1.15%	0.127%
62	12.731	973	975	976	rVV	46873	49563	1.83%	0.203%
63	12.799	979	981	982	rVB	20751	28205	1.04%	0.115%
64	12.879	986	988	991	rVV	1794081	1728714	63.80%	7.072%
65	12.948	992	994	998	rVV4	14014	30387	1.12%	0.124%
66	13.165	1011	1013	1018	rVB3	26377	50266	1.86%	0.206%
67	13.817	1067	1070	1075	rBV	72642	138424	5.11%	0.566%
68	13.919	1077	1079	1082	rBV	548532	620434	22.90%	2.538%
69	14.559	1134	1135	1138	rVB2	77709	94762	3.50%	0.388%
70	14.925	1165	1167	1172	rVB	34802	79515	2.93%	0.325%
71	15.200	1189	1191	1194	rVB	31411	40446	1.49%	0.165%

LSC Area Percent Report

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Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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Peak separation: 5

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

72	15.257	1194	1196	1198	rBV	28538	36441	1.34%	0.149%
73	15.314	1199	1201	1204	rBV	309898	435554	16.07%	1.782%
74	15.977	1257	1259	1266	rVB2	35767	85990	3.17%	0.352%
75	16.377	1292	1294	1298	rVB3	32382	60294	2.23%	0.247%

Sum of corrected areas: 24444426

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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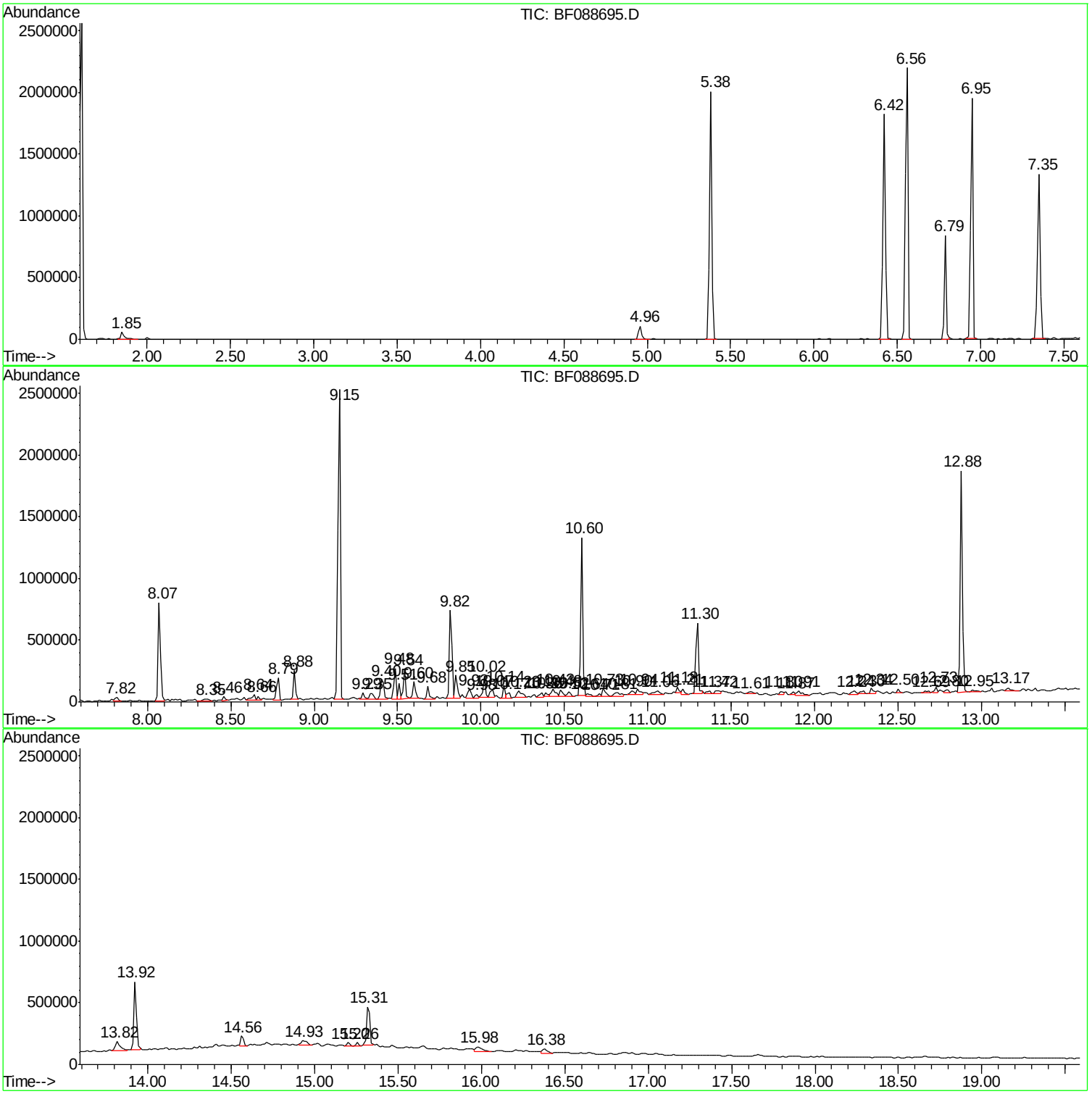
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

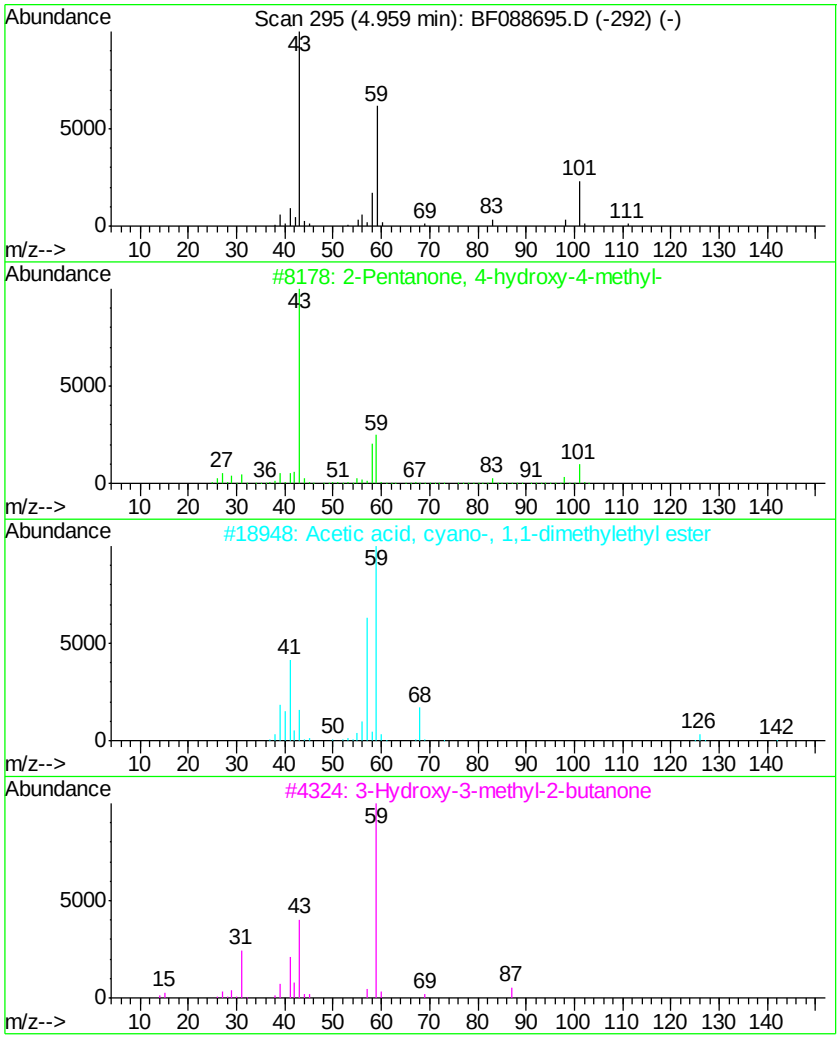
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

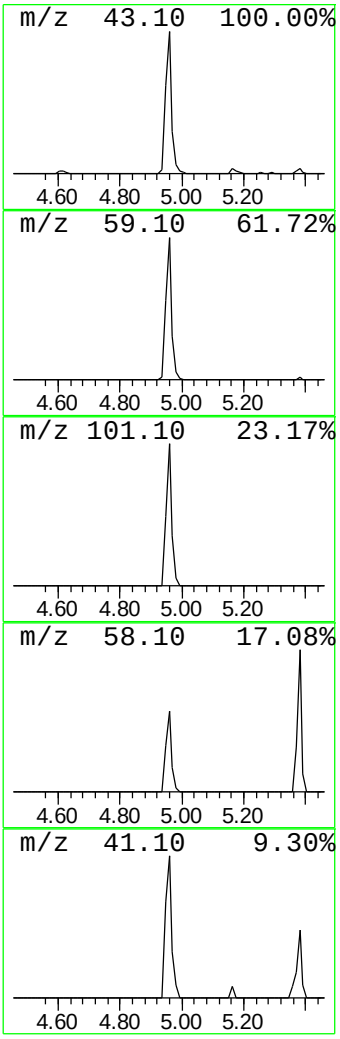
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	4.16 ng	144228	1,4-Dichlorobenzene-d4	6.79

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	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

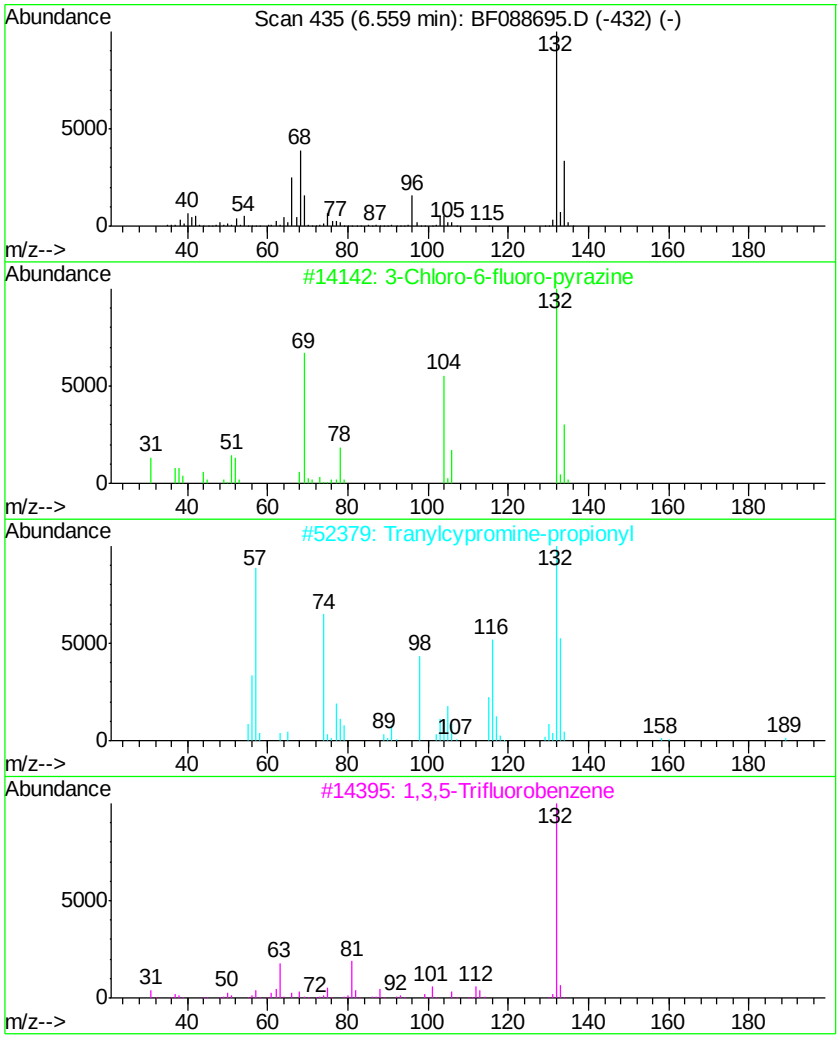
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

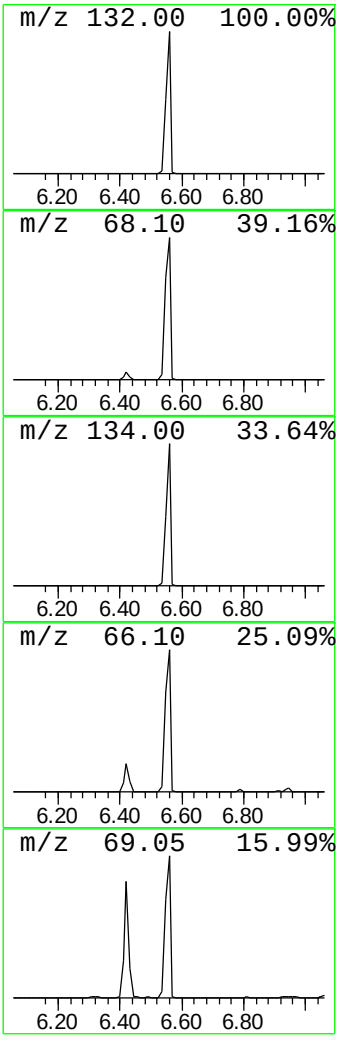
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.59 ng	2484150	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

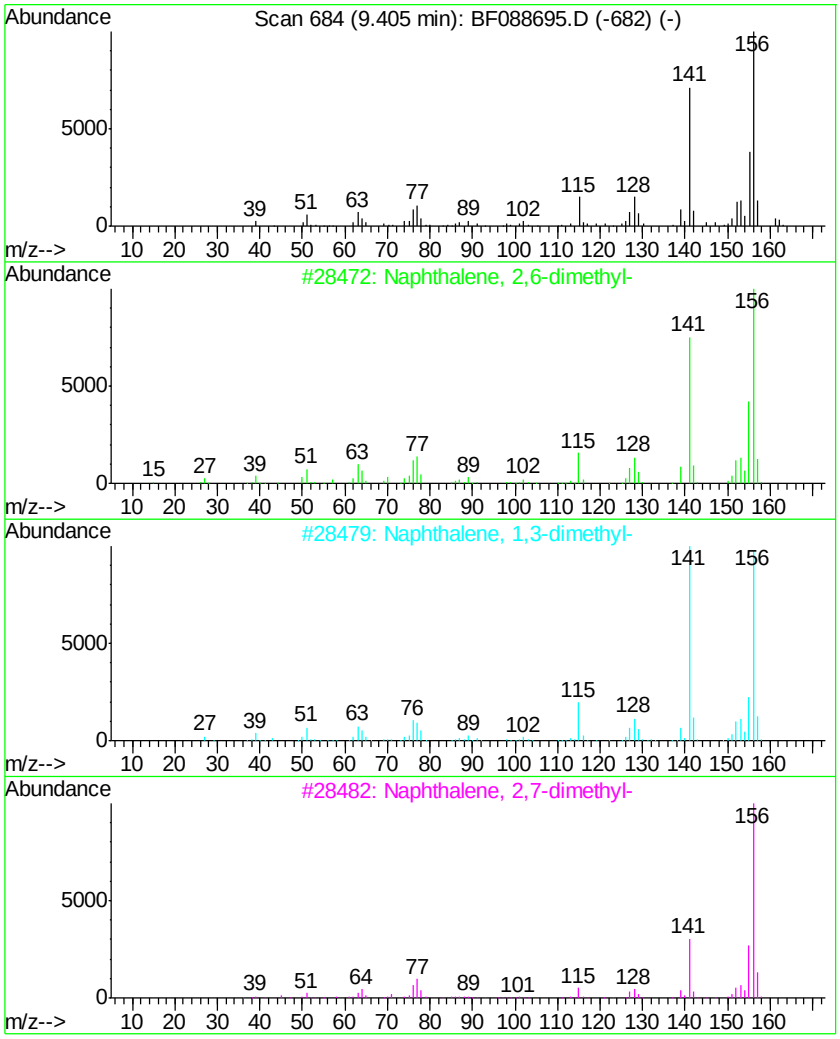
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

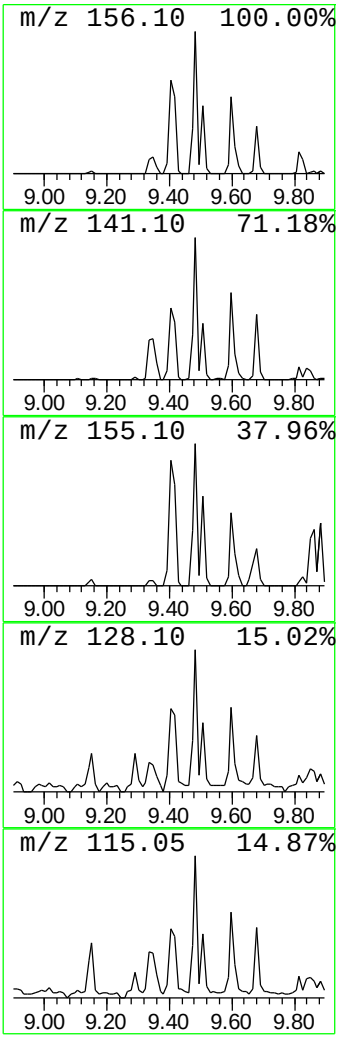
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.66 ng	233359	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

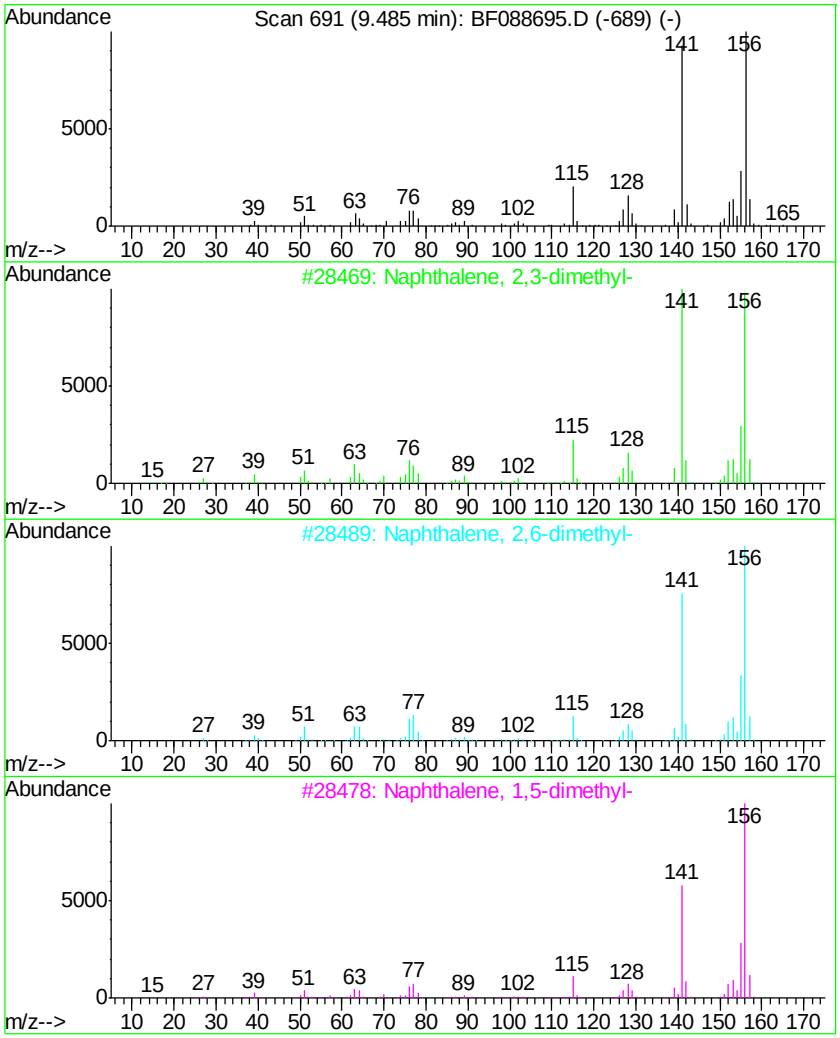
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

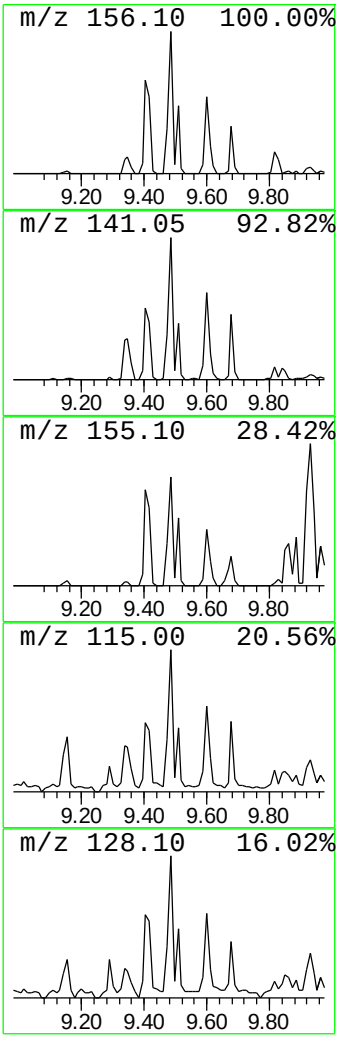
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	5.97 ng	246186	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

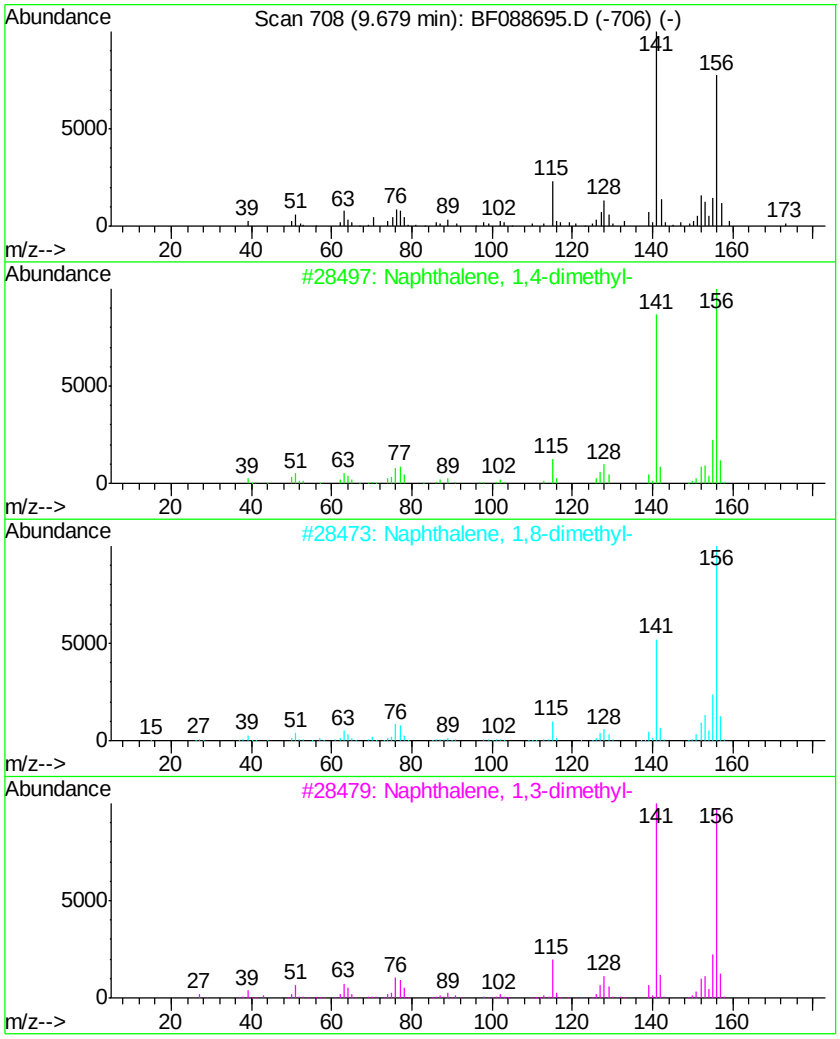
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

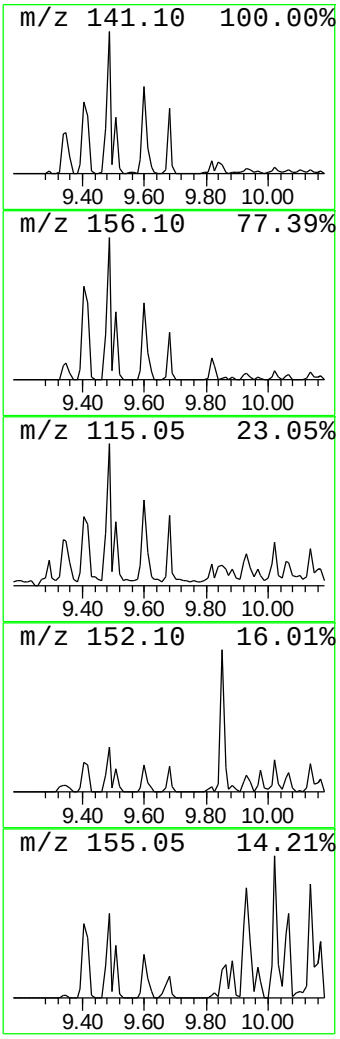
****

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.57 ng	105891	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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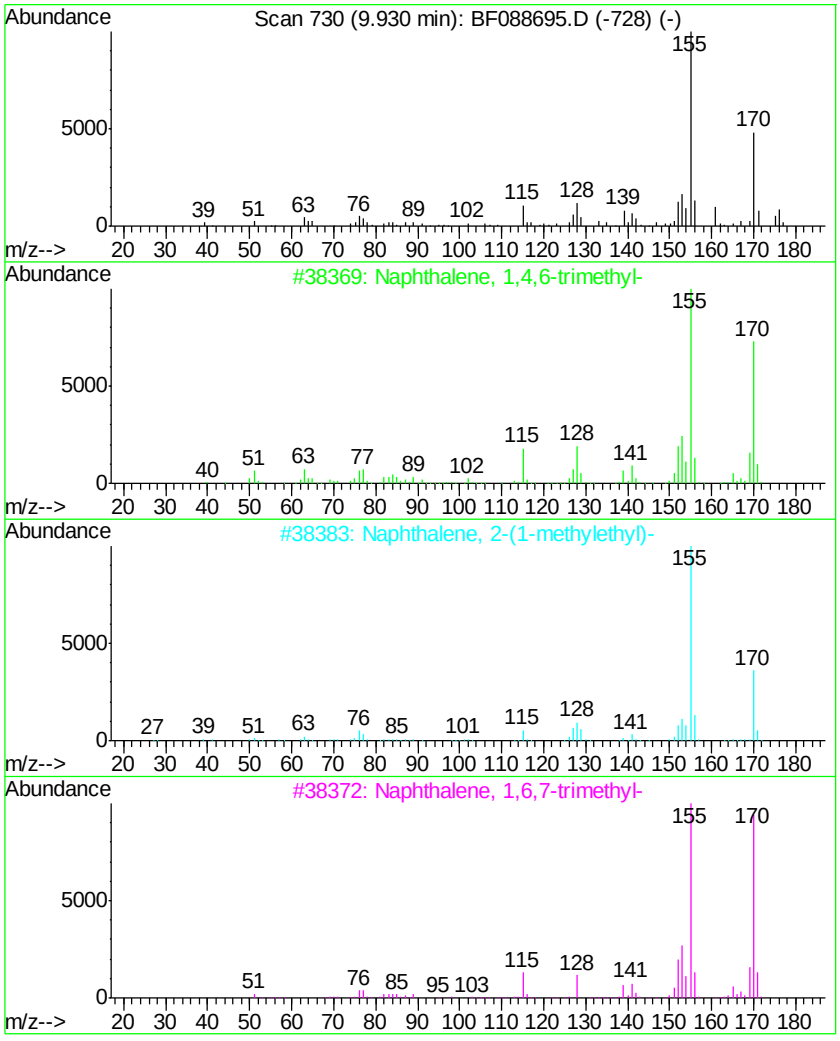
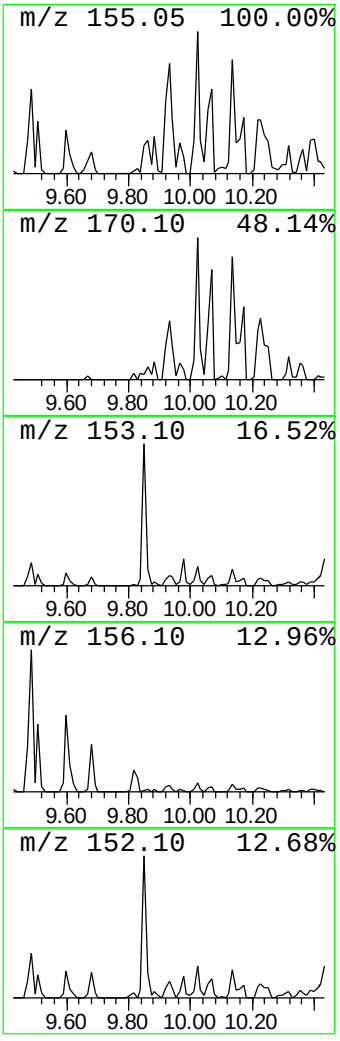
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.54 ng	104571	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

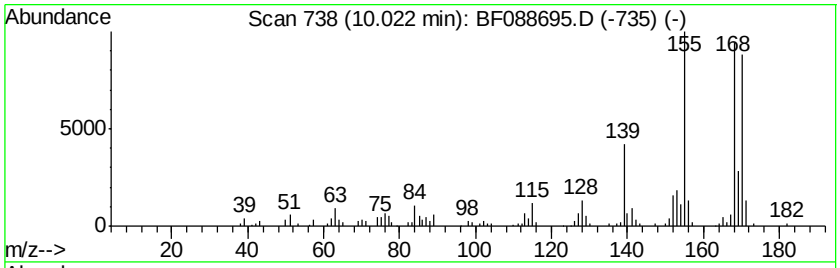
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

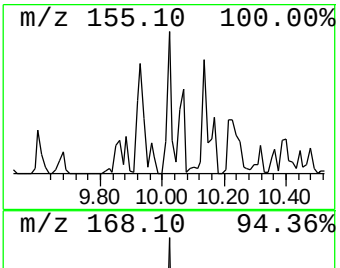
****

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.21 ng	173743	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

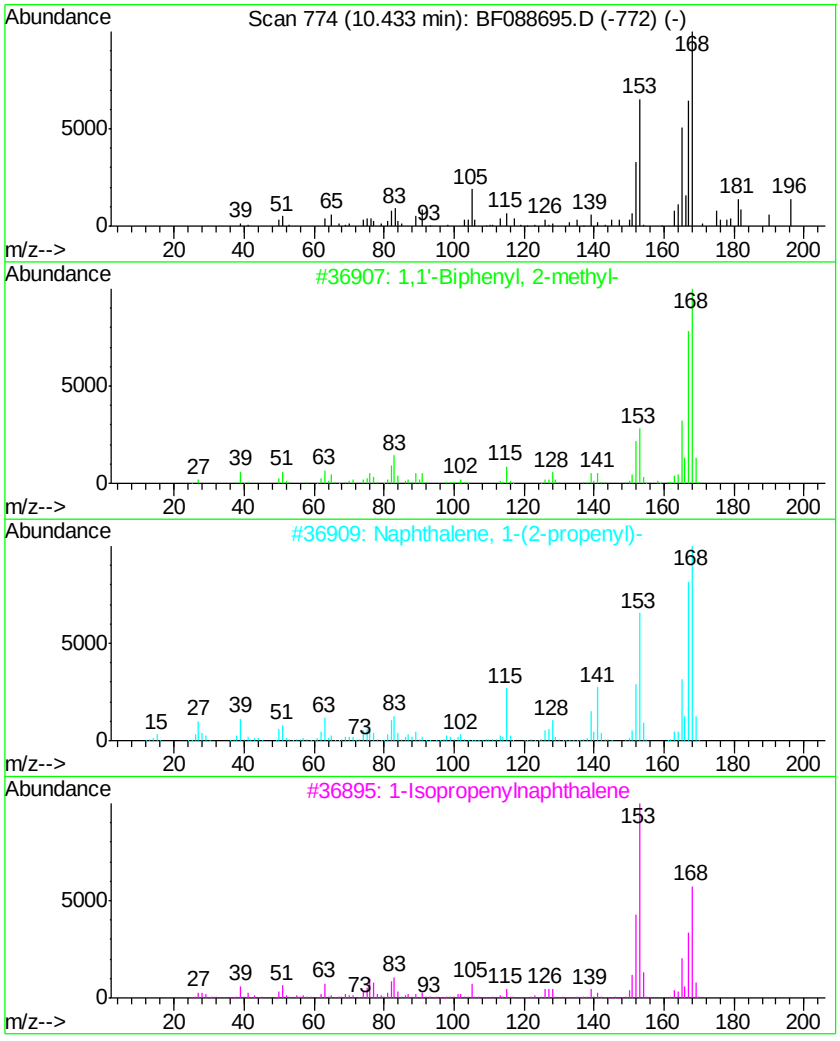
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

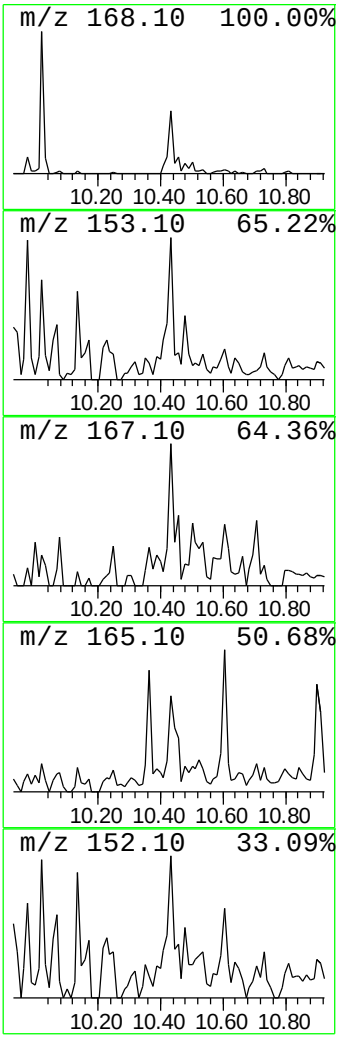
****

Peak Number 12 1,1'-Biphenyl, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.53 ng	104384	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46





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Sample : H3784-08
Misc :
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Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

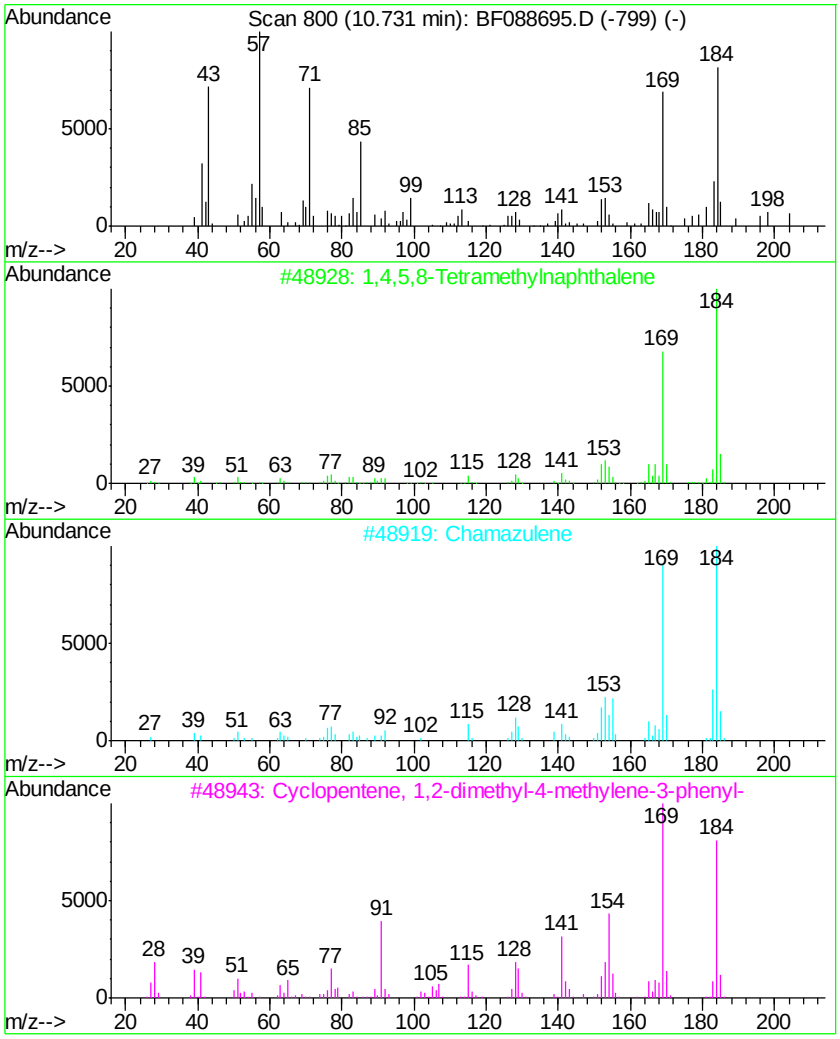
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

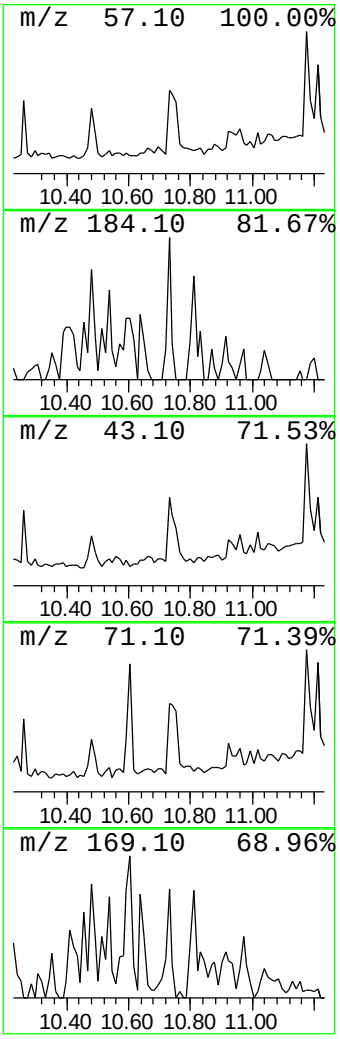
****

Peak Number 13 1,4,5,8-Tetramethylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.64 ng	87653	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	70
2	Chamazulene	184	C14H16	000529-05-5	60
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	55
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	53
5	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	52





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Misc :
ALS Vial : 54 Sample Multiplier: 1

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ClientSampleId : D11-B1(0-6)C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

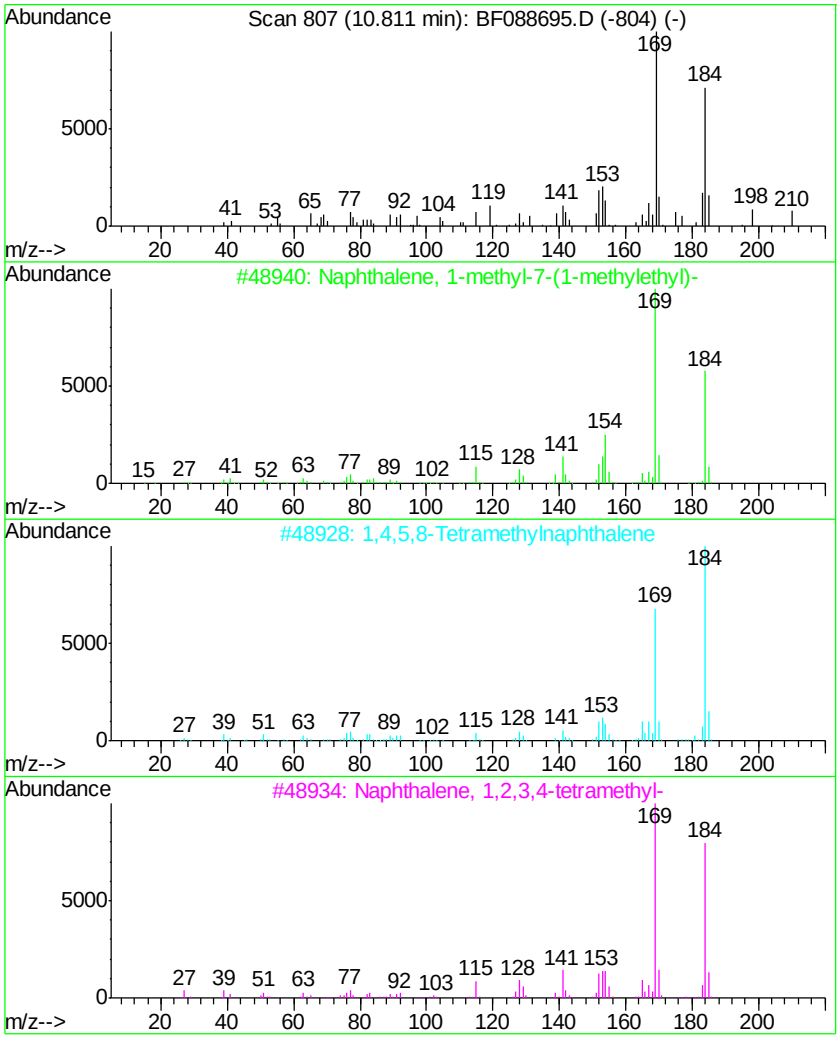
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

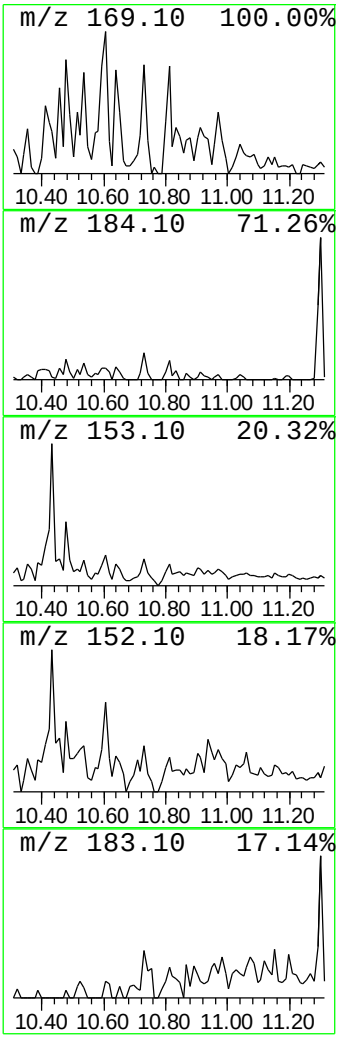
****

Peak Number 14 Naphthalene, 1-methyl-7-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.63 ng	87175	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	90
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
4	Chamazulene	184	C14H16	000529-05-5	64
5	Hexethal-permethylated	268	C14H24N2O3	1000120-73-2	59





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Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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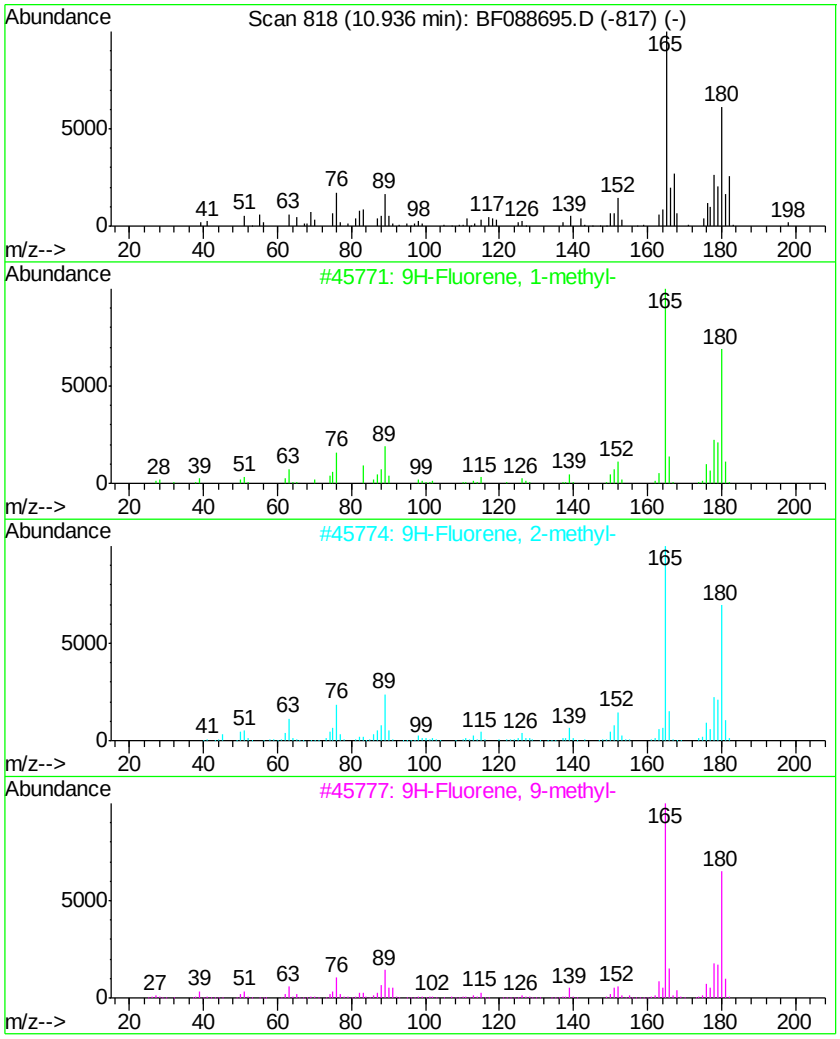
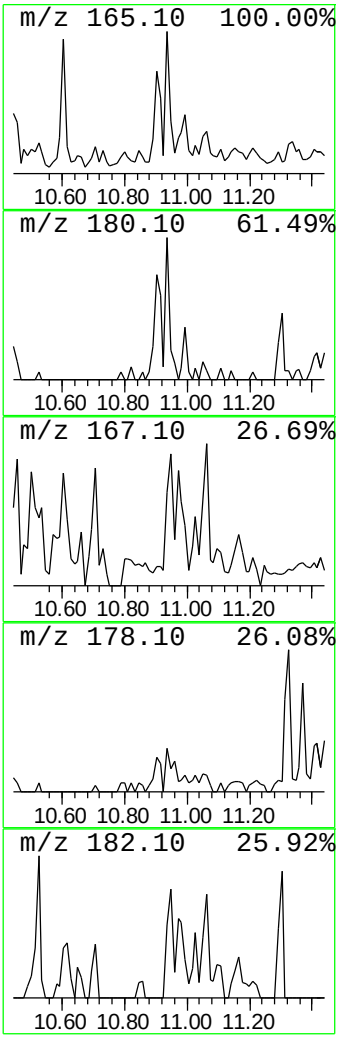
Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.57 ng	85411	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
4	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	64
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	64





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Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

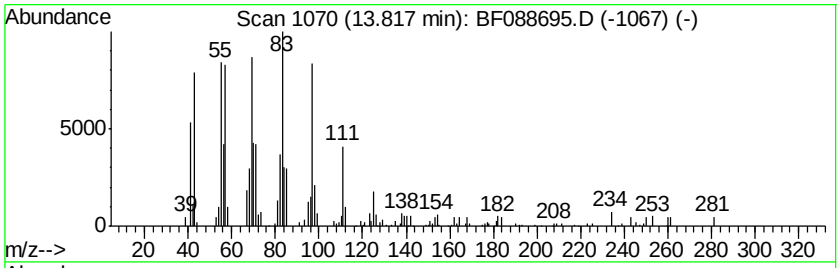
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

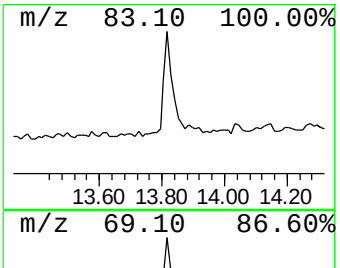
****

Peak Number 16 9-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.46 ng	138424	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

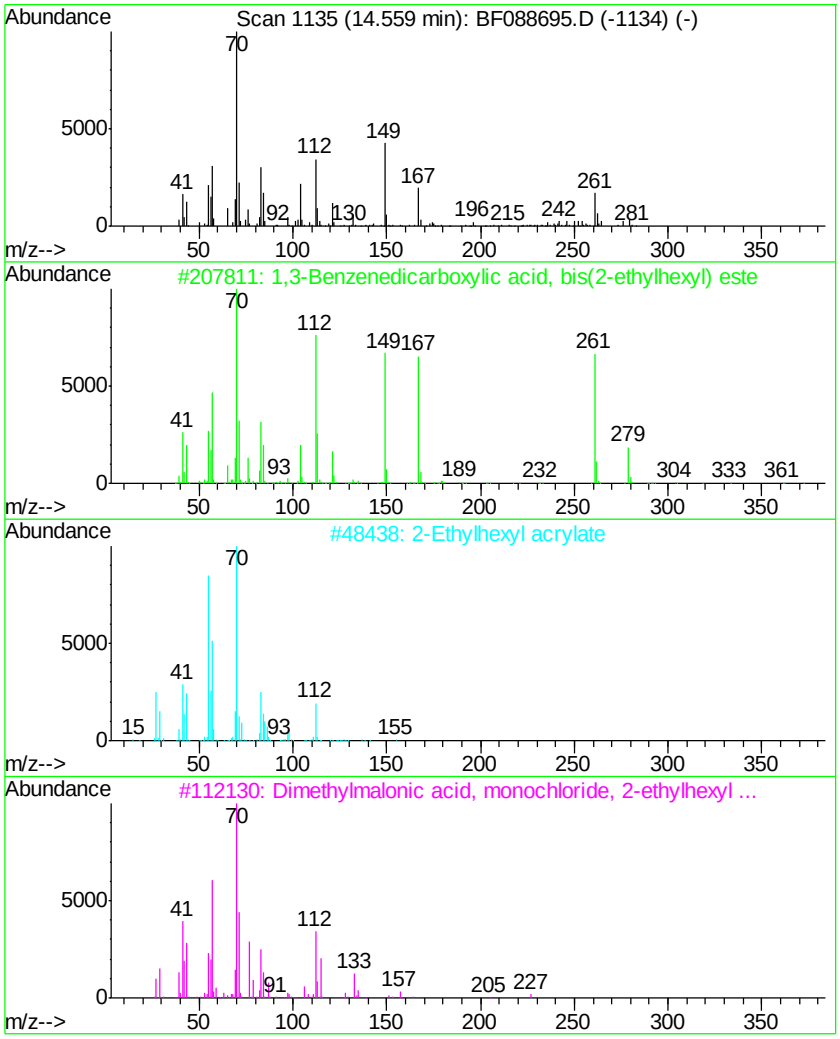
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

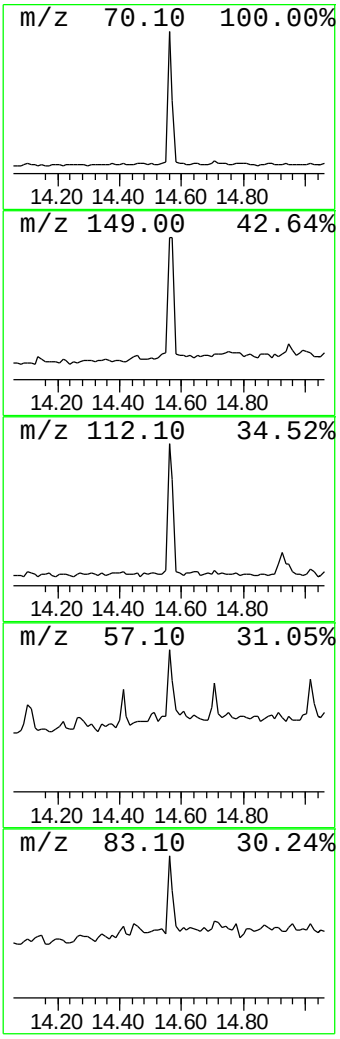
****

Peak Number 17 1,3-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.05 ng	94762	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50
2	2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	35
3	Dimethylmalonic acid, monochlori...	262	C13H23ClO3	1000361-64-8	32
4	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	32
5	4-Bromobutyric acid, 3-methylbut...	236	C9H17BrO2	1000354-68-4	28





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Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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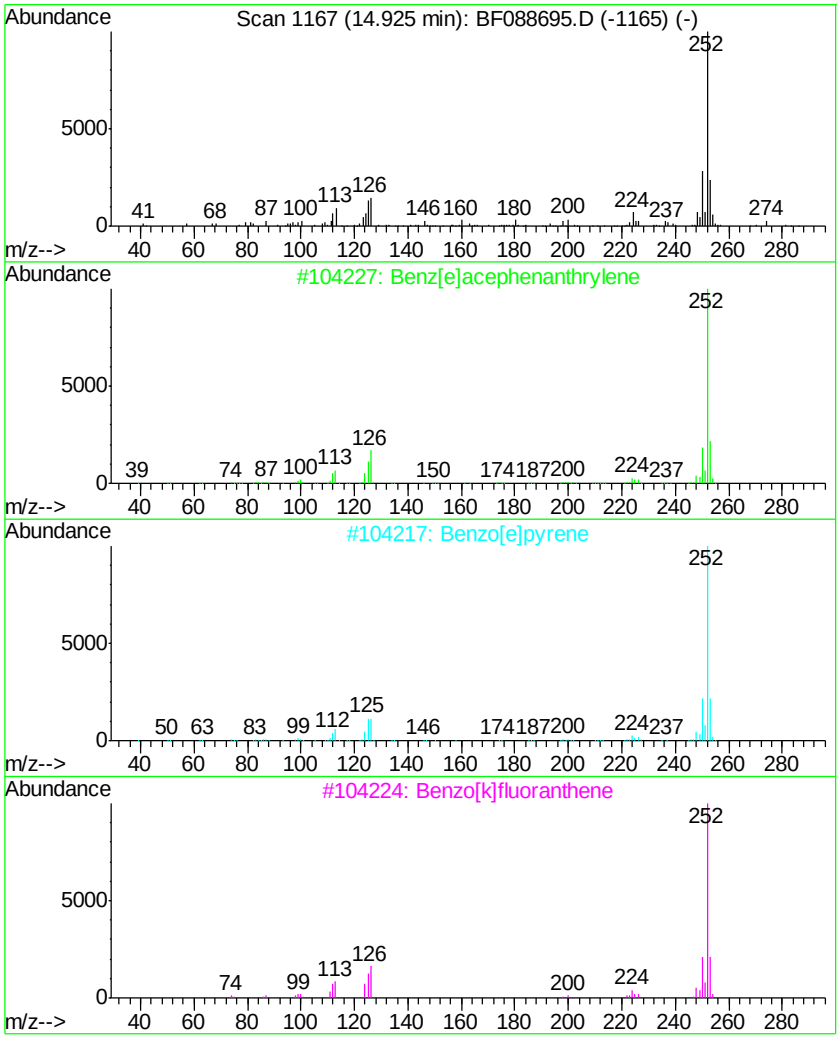
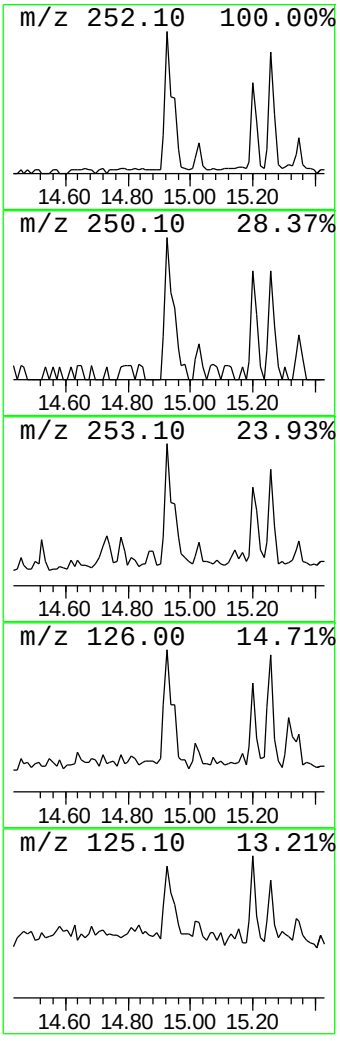
Peak Number 18 Benz[e]acephenanthrylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.65 ng	79515	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	81





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Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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

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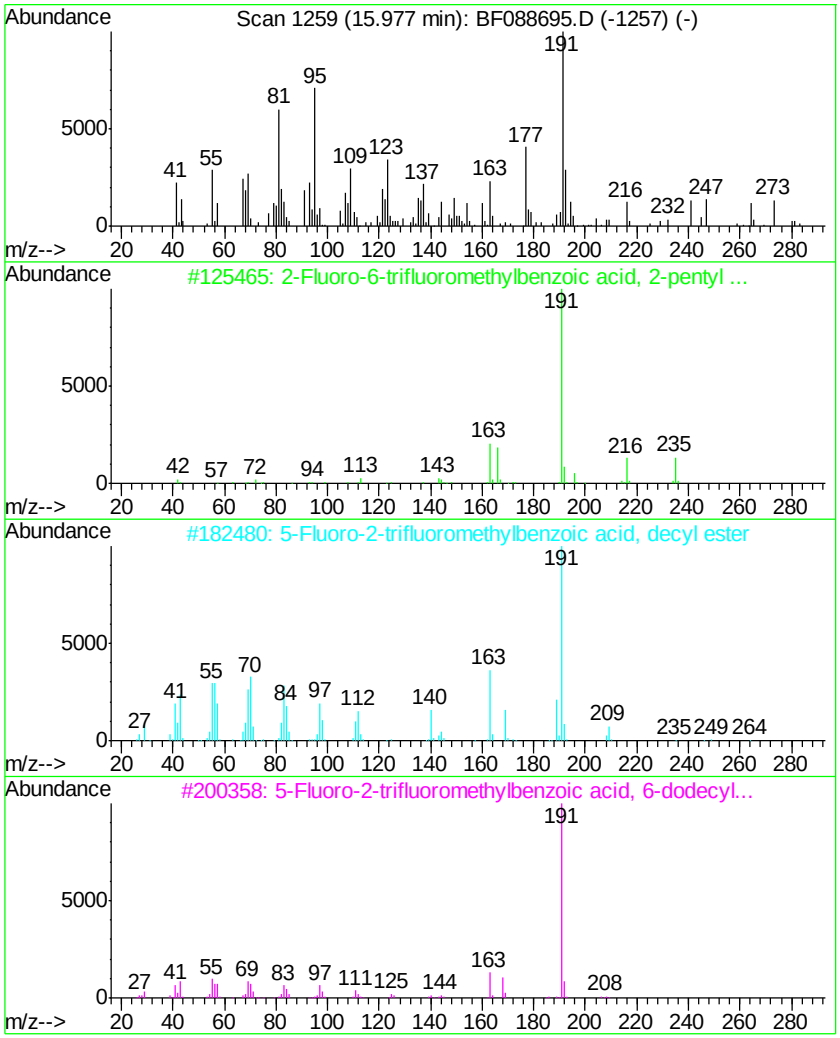
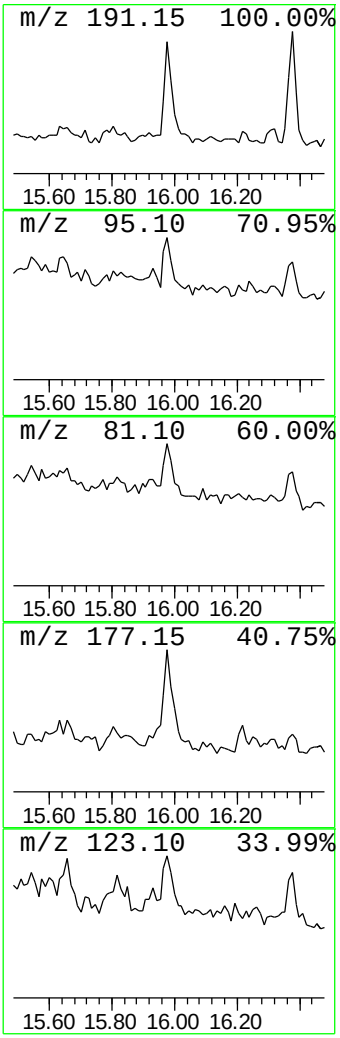
Peak Number 19 unknown15.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.95 ng	85990	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-6-trifluoromethylbenzoi...	278	C13H14F4O2	1000357-69-1	35
2	5-Fluoro-2-trifluoromethylbenzoi...	348	C18H24F4O2	1000338-74-6	27
3	5-Fluoro-2-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-54-8	22
4	2-Fluoro-6-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-54-2	22
5	2-Fluoro-6-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-53-2	22





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Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

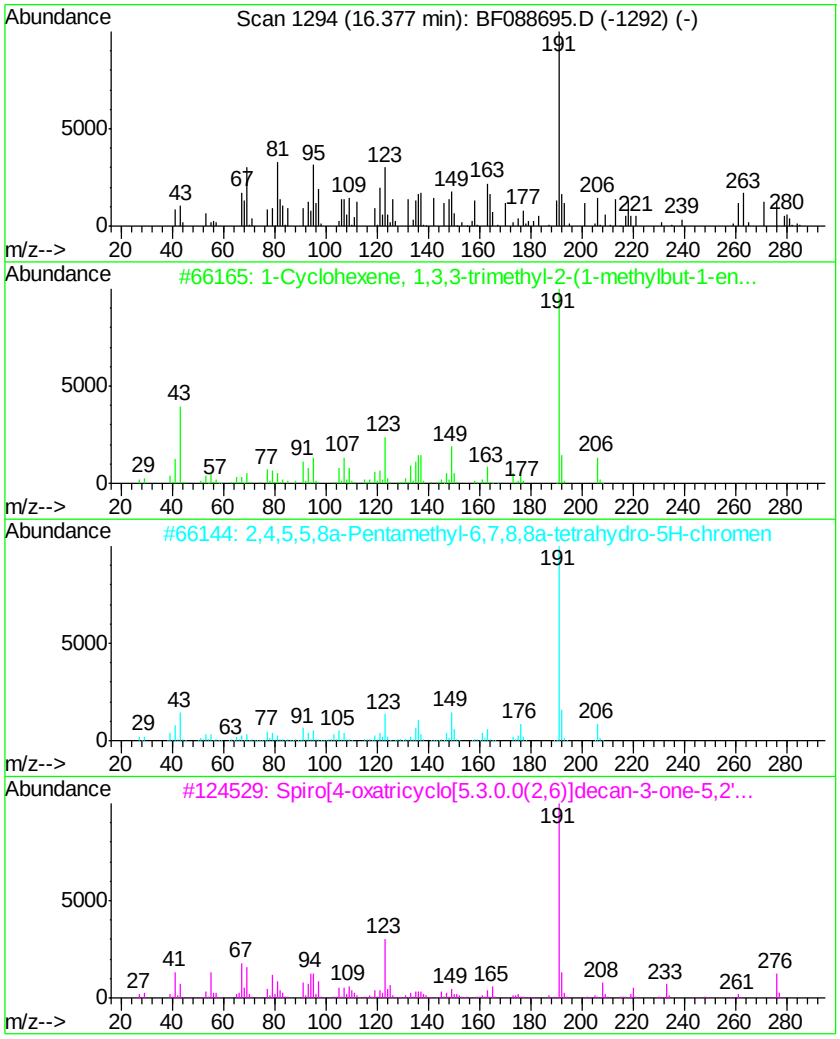
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

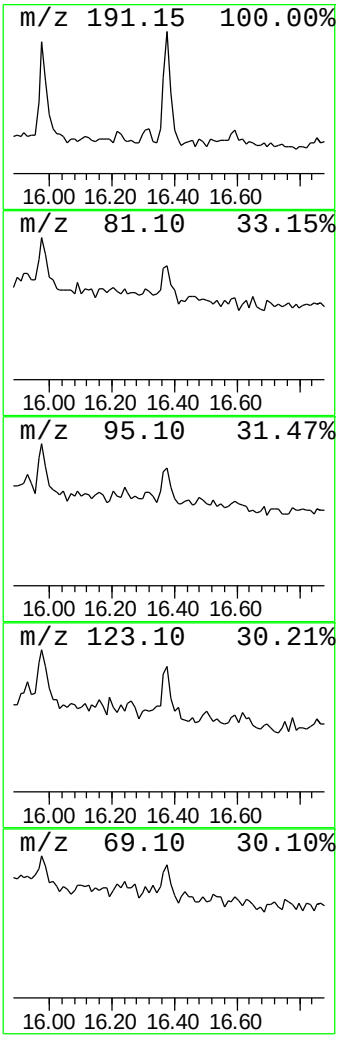
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.77 ng	60294	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	83
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	70
3	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	50
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	47





Tentatively Identified Compound (LSC) summary

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Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

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...	4.96	4.2	ng	144228	1	6.79	693960	20.0
unknown6.56	6.56	71.6	ng	2484150	1	6.79	693960	20.0
Naphthalene, 2,6-...	9.40	5.7	ng	233359	3	9.82	824610	20.0
Naphthalene, 2,3-...	9.48	6.0	ng	246186	3	9.82	824610	20.0
Naphthalene, 1,4-...	9.68	2.6	ng	105891	3	9.82	824610	20.0
Naphthalene, 1,4,...	9.93	2.5	ng	104571	3	9.82	824610	20.0
Naphthalene, 2,3,...	10.02	4.2	ng	173743	3	9.82	824610	20.0
1,1'-Biphenyl, 2-...	10.43	2.5	ng	104384	3	9.82	824610	20.0
1,4,5,8-Tetrameth...	10.73	2.6	ng	87653	4	11.30	664118	20.0
Naphthalene, 1-me...	10.81	2.6	ng	87175	4	11.30	664118	20.0
9H-Fluorene, 1-me...	10.94	2.6	ng	85411	4	11.30	664118	20.0
9-Eicosene, (E)-	13.82	4.5	ng	138424	5	13.92	620434	20.0
1,3-Benzenedicarb...	14.56	3.0	ng	94762	5	13.92	620434	20.0
Benz[e]acephenant...	14.93	3.6	ng	79515	6	15.31	435554	20.0
unknown15.98	15.98	4.0	ng	85990	6	15.31	435554	20.0
1-Cyclohexene, 1,...	16.38	2.8	ng	60294	6	15.31	435554	20.0