LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

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-BF101015.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	3.771	140	143	149	rBV	193109	309670	5.64%	0.598%
2	5.017	249	252	263	rVB	588742	824733	15.03%	1.592%
3	5.280	273	275	278	rBV	485492	498717	9.09%	0.962%
4	5.394	282	285	286	rBV	290345	316157	5.76%	0.610%
5	5.429	286	288	291	rVB	1227292	1307531	23.83%	2.523%
6	5.657	306	308	311	rBV	223378	218254	3.98%	0.421%
7	6.469	377	379	381	rBV	1380541	1381569	25.18%	2.666%
8	6.606	388	391	393	rBV	1380215	1552794	28.30%	2.997%
9	6.663	393	396	397	rBV2	146196	185137	3.37%	0.357%
10	6.834	409	411	414	rBV	493812	465696	8.49%	0.899%
11	6.995	422	425	426	rBV	1186381	1299683	23.69%	2.508%
12	7.097	432	434	436	rBV	1112844	1019812	18.59%	1.968%
13	7.406	459	461	463	rVV	906900	902402	16.45%	1.741%
14	7.783	492	494	498	rVB3	62358	109758	2.00%	0.212%
15	7.875	498	502	503	rBV2	221964	313155	5.71%	0.604%
16	7.909	503	505	510	rVV2	196550	341194	6.22%	0.658%
17	8.149	519	526	529	rBV2	3102255	5485937	100.00%	10.587%
18	8.195	529	530	533	rVB	225037	243613	4.44%	0.470%
19	8.480	551	555	559	rBV4	31306	98873	1.80%	0.191%
20	8.789	578	582	584	rBV2	75676	107453	1.96%	0.207%
21	8.846	584	587	589	rBV	1527002	2138759	38.99%	4.127%
22	8.938	592	595	597	rVV	1549967	1498402	27.31%	2.892%
23	9.200	615	618	621	rBV	1786817	1733433	31.60%	3.345%
24	9.303	623	627	630	rVV	287719	312344	5.69%	0.603%
25	9.395	631	635	638	rVV	247967	345680	6.30%	0.667%
26	9.463	638	641	643	rVV	436118	604636	11.02%	1.167%
27	9.543	645	648	649	rVV	472533	734139	13.38%	1.417%
28	9.600	651	653	656	rVV	559204	526224	9.59%	1.016%
29	9.658	656	658	662	rVB	279703	354625	6.46%	0.684%
30	9.738	663	665	667	rVB	533997	483349	8.81%	0.933%
31	9.875	674	677	679	rBV2	577859	868264	15.83%	1.676%
32	9.909	679	680	682	rVV	579787	550968	10.04%	1.063%
33	9.989	685	687	689	rBV	79748	111038	2.02%	0.214%
34	10.081	692	695	697	rVB3	179562	215095	3.92%	0.415%

LSC Area Percent Report

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Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.115	697	698	700	rVB	94277	113087	2.06%	0.218%
36	10.195	703	705	706	rBV	159399	196391	3.58%	0.379%
37	10.218	706	707	710	rVB2	76692	106384	1.94%	0.205%
38	10.275	710	712	714	rBV	113990	209178	3.81%	0.404%
39	10.423	724	725	728	rVB	574844	640130	11.67%	1.235%
40	10.492	728	731	732	rBV2	63460	91296	1.66%	0.176%
41	10.538	733	735	737	rVB2	90592	92124	1.68%	0.178%
42	10.663	743	746	749	rBV3	808264	1307493	23.83%	2.523%
43	10.778	755	756	760	rVB2	139681	221182	4.03%	0.427%
44	10.972	771	773	774	rVV	196602	264275	4.82%	0.510%
45	11.006	774	776	779	rVV	102412	179415	3.27%	0.346%
46	11.052	779	780	782	rVV	109075	140789	2.57%	0.272%
47	11.121	782	786	789	rVV4	60408	176366	3.21%	0.340%
48	11.178	789	791	792	rVV	72813	95702	1.74%	0.185%
49	11.224	792	795	796	rVV3	74384	107386	1.96%	0.207%
50	11.258	796	798	805	rVB	335284	448137	8.17%	0.865%
51	11.395	805	810	812	rBV2	2037120	2758271	50.28%	5.323%
52	11.441	812	814	816	rVV	570660	564432	10.29%	1.089%
53	11.475	816	817	820	rVV2	94688	141261	2.57%	0.273%
54	11.521	820	821	824	rVV2	57952	92298	1.68%	0.178%
55	11.601	826	828	831	rVV2	57274	134054	2.44%	0.259%
56	11.658	831	833	834	rVV	115567	136095	2.48%	0.263%
57	11.692	834	836	842	rVV	179241	271742	4.95%	0.524%
58	11.784	842	844	846	rVV	121783	168188	3.07%	0.325%
59	11.864	849	851	853	rVV	399820	575667	10.49%	1.111%
60	11.898	853	854	856	rVV	529511	435896	7.95%	0.841%
61	11.944	856	858	859	rVV	193609	204823	3.73%	0.395%
62	11.978	859	861	866	rVV2	592721	971869	17.72%	1.876%
63	12.161	873	877	883	rVV2	202832	382301	6.97%	0.738%
64	12.309	887	890	891	rVV2	66874	136049	2.48%	0.263%
65	12.344	891	893	896	rVV2	92704	175386	3.20%	0.338%
66	12.412	896	899	901	rVV	230880	324893	5.92%	0.627%
67	12.446	901	902	906	rVV	167834	349387	6.37%	0.674%
68	12.504	906	907	911	rVV3	89402	175661	3.20%	0.339%
69	12.572	911	913	916	rVV	493445	722010	13.16%	1.393%
70	12.618	916	917	920	rVV3	58837	135430	2.47%	0.261%
71	12.675	920	922	924	rVV	210642	245964	4.48%	0.475%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
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Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.732	925	927	928	rVV	106505	135991	2.48%	0.262%
73	12.812	931	934	936	rVV	855049	1158763	21.12%	2.236%
74	12.949	940	946	949	rVV	1529258	1793363	32.69%	3.461%
75	13.029	951	953	956	rVV2	105197	186313	3.40%	0.360%
76	13.132	959	962	964	rVV	229139	375501	6.84%	0.725%
77	13.201	964	968	970	rVV	217669	309042	5.63%	0.596%
78	13.235	970	971	975	rVV	173061	241614	4.40%	0.466%
79	13.327	975	979	981	rVV	145230	268731	4.90%	0.519%
80	13.361	981	982	987	rVB	174999	202513	3.69%	0.391%
81	13.532	993	997	1002	rBV4	41497	146934	2.68%	0.284%
82	13.635	1004	1006	1009	rVB	398325	476907	8.69%	0.920%
83	13.749	1013	1016	1018	rBV2	87878	185191	3.38%	0.357%
84	13.852	1022	1025	1030	rVV2	201921	353705	6.45%	0.683%
85	14.001	1035	1038	1044	rBV2	780489	1419706	25.88%	2.740%
86	14.287	1062	1063	1065	rVB	384825	338138	6.16%	0.653%
87	14.390	1070	1072	1074	rVV	108324	130463	2.38%	0.252%
88	14.492	1077	1081	1087	rVV4	127990	426738	7.78%	0.824%
89	14.904	1116	1117	1125	rVB3	64118	129241	2.36%	0.249%
90	15.030	1125	1128	1132	rBV	125301	281401	5.13%	0.543%
91	15.315	1151	1153	1156	rBV	96679	120189	2.19%	0.232%
92	15.372	1156	1158	1161	rBV	139172	216849	3.95%	0.418%
93	15.441	1161	1164	1171	rVB	368337	549278	10.01%	1.060%
94	15.978	1206	1211	1217	rVB4	30903	91422	1.67%	0.176%
95	16.835	1283	1286	1290	rBV2	38941	93963	1.71%	0.181%
96	17.087	1304	1308	1312	rVV4	38894	129482	2.36%	0.250%
97	17.167	1312	1315	1320	rVV2	41886	123414	2.25%	0.238%
98	17.258	1320	1323	1332	rVB	40569	105328	1.92%	0.203%
99	17.453	1337	1340	1349	rVB3	133022	343843	6.27%	0.664%
100	17.704	1358	1362	1377	rBV2	138910	533990	9.73%	1.031%

Sum of corrected areas: 51818119

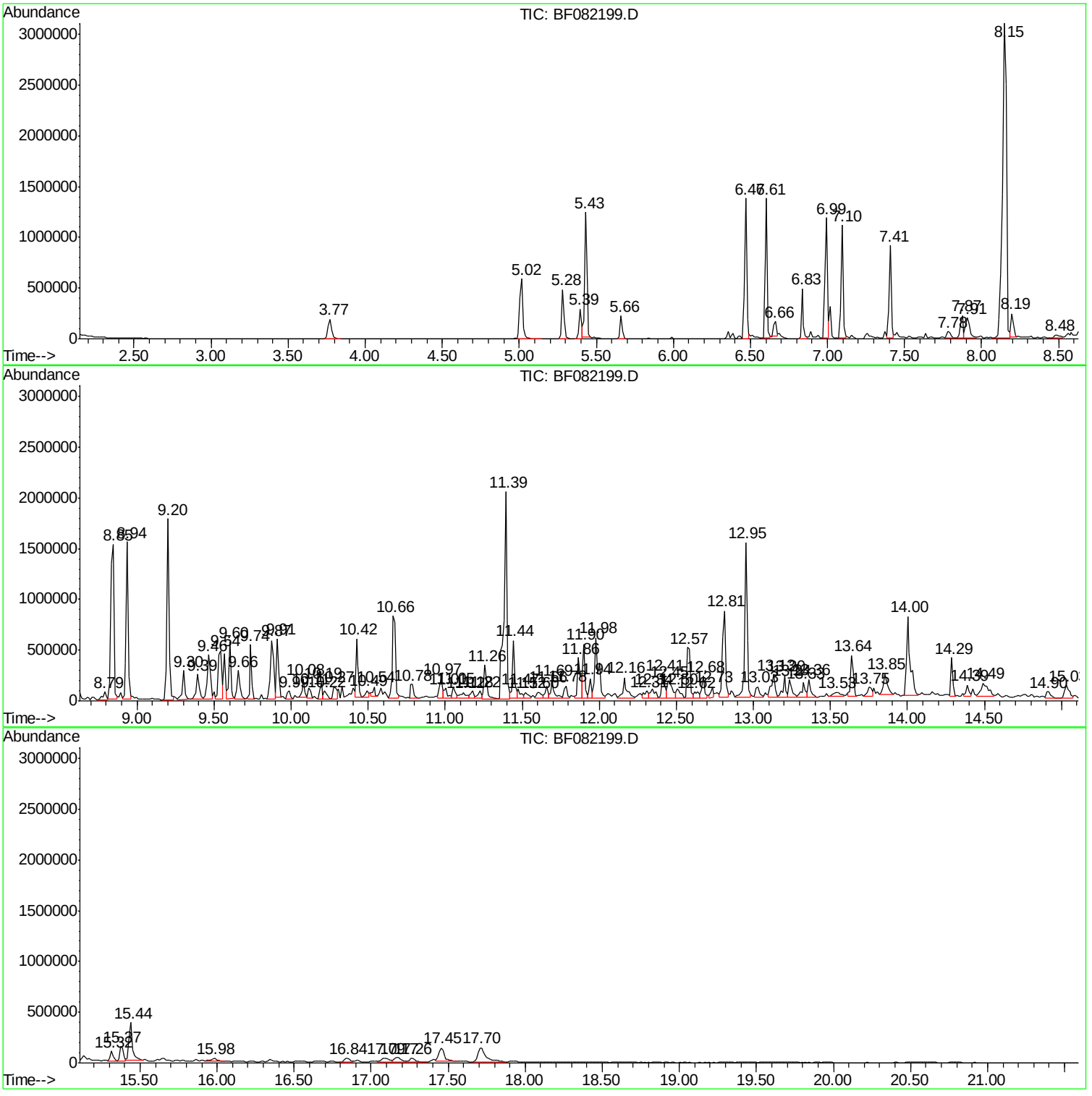
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
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Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

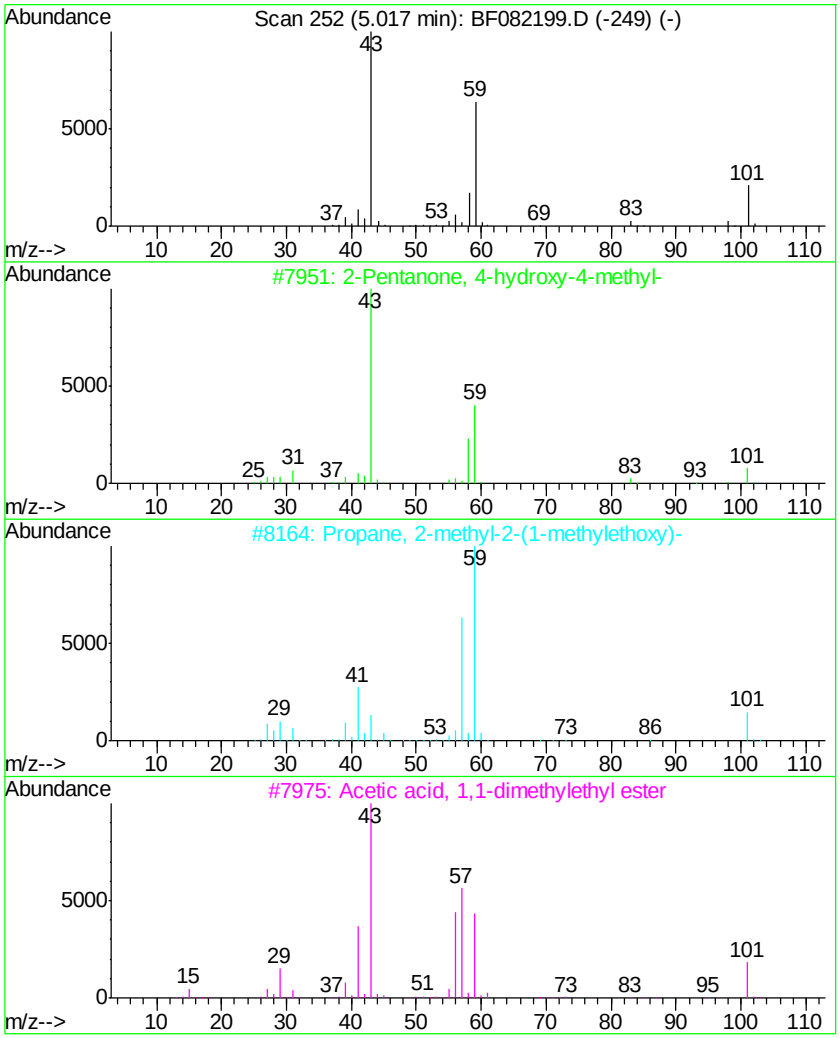
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

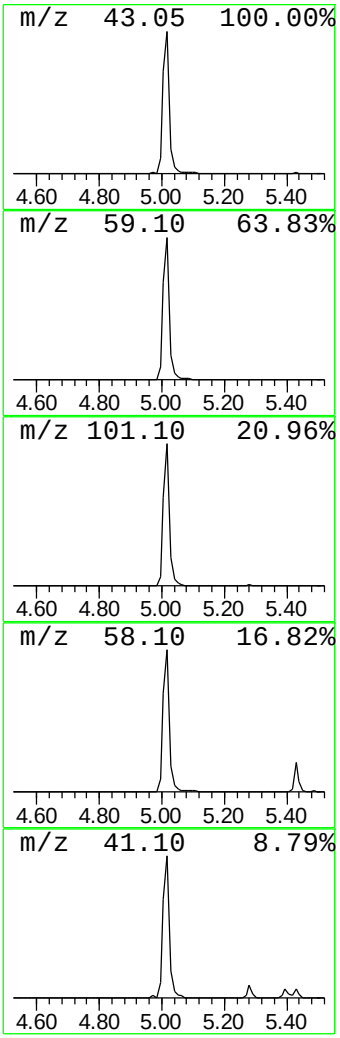
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	35.42 ng	824733	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

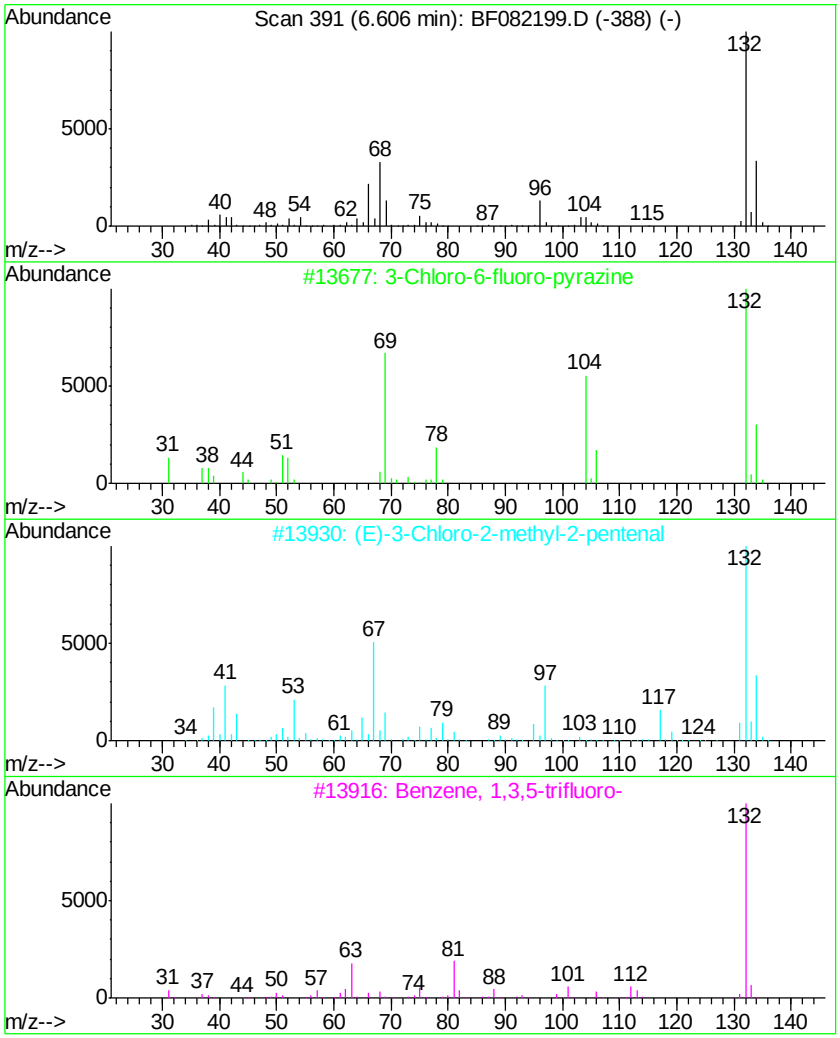
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

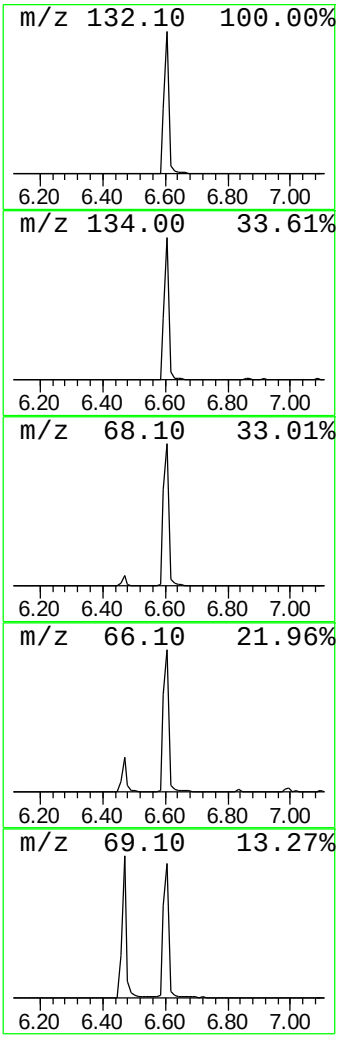
****

Peak Number 5 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.69 ng	1552790	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Acq On : 11 Oct 2015 2:42
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Sample : G3974-02
Misc :
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Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

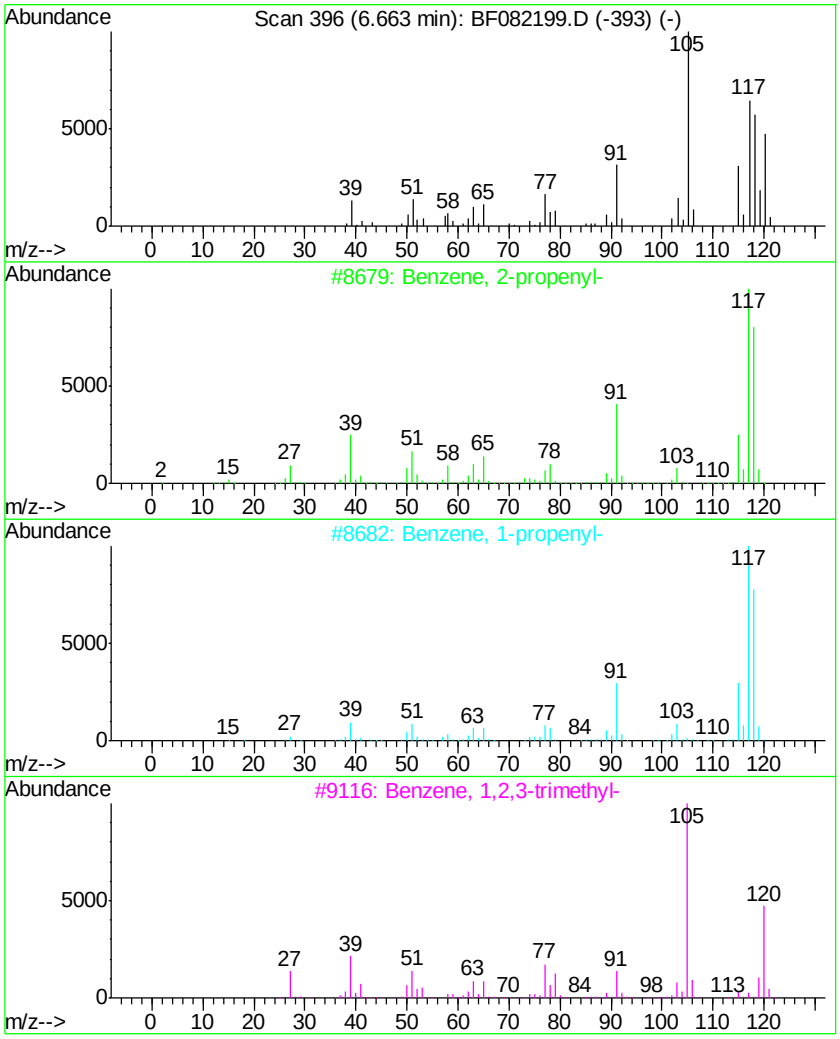
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

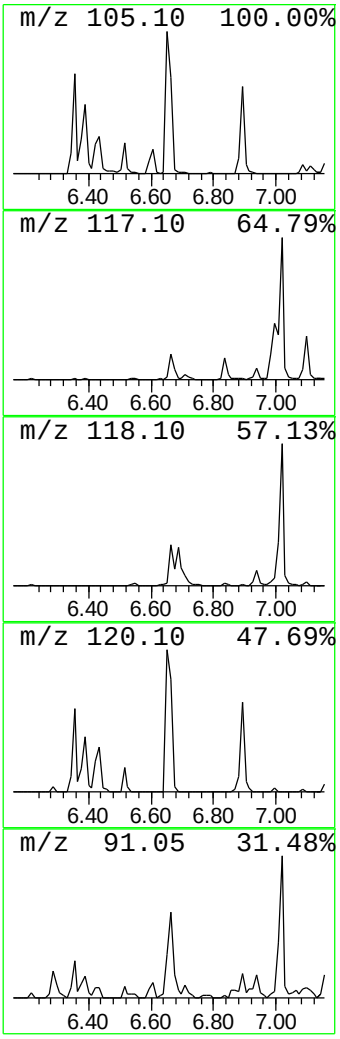
****

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	7.95 ng	185137	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

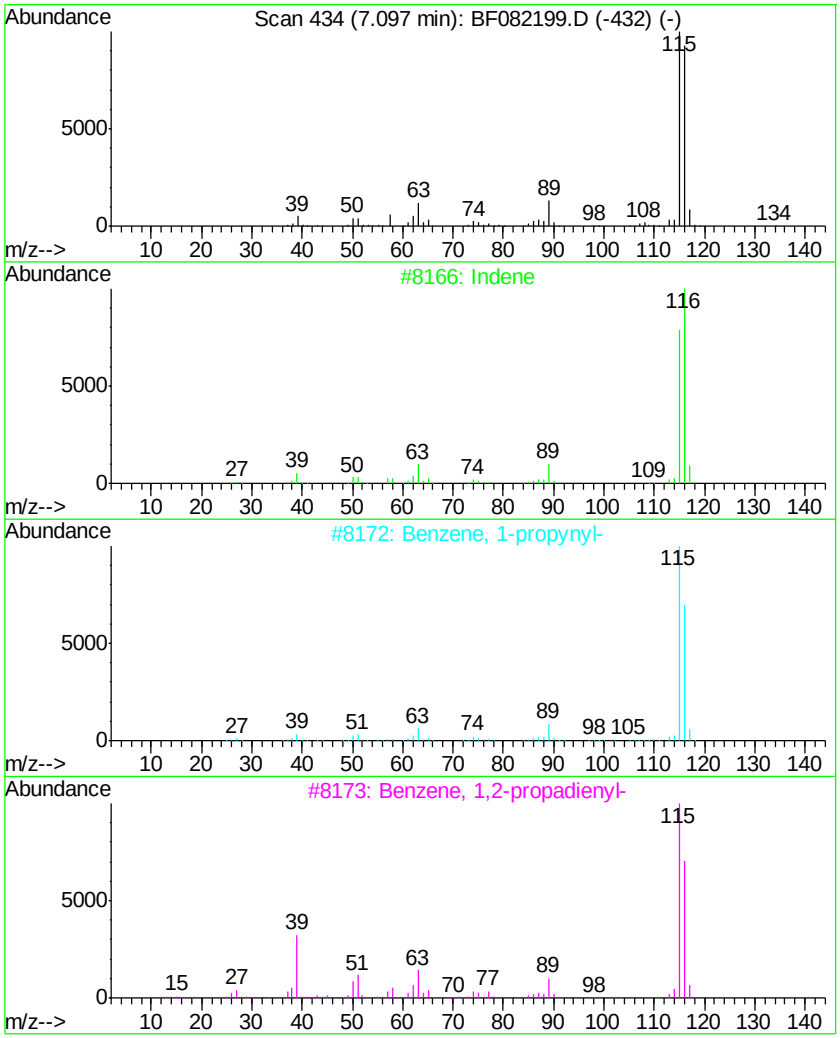
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

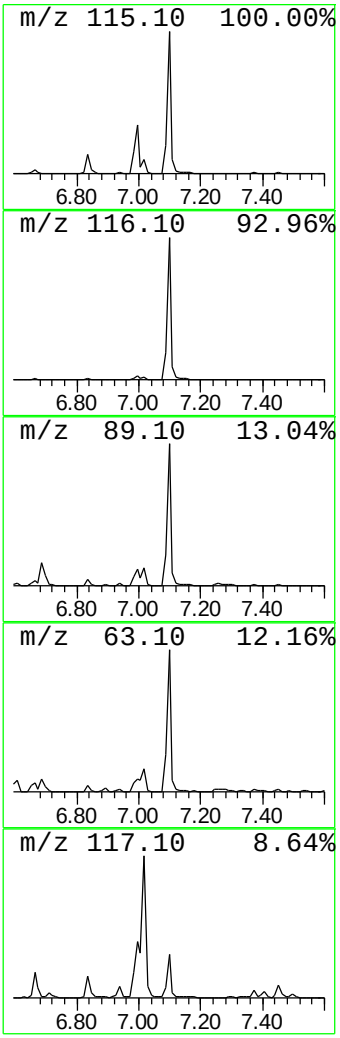
****

Peak Number 8 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	43.80 ng	1019810	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

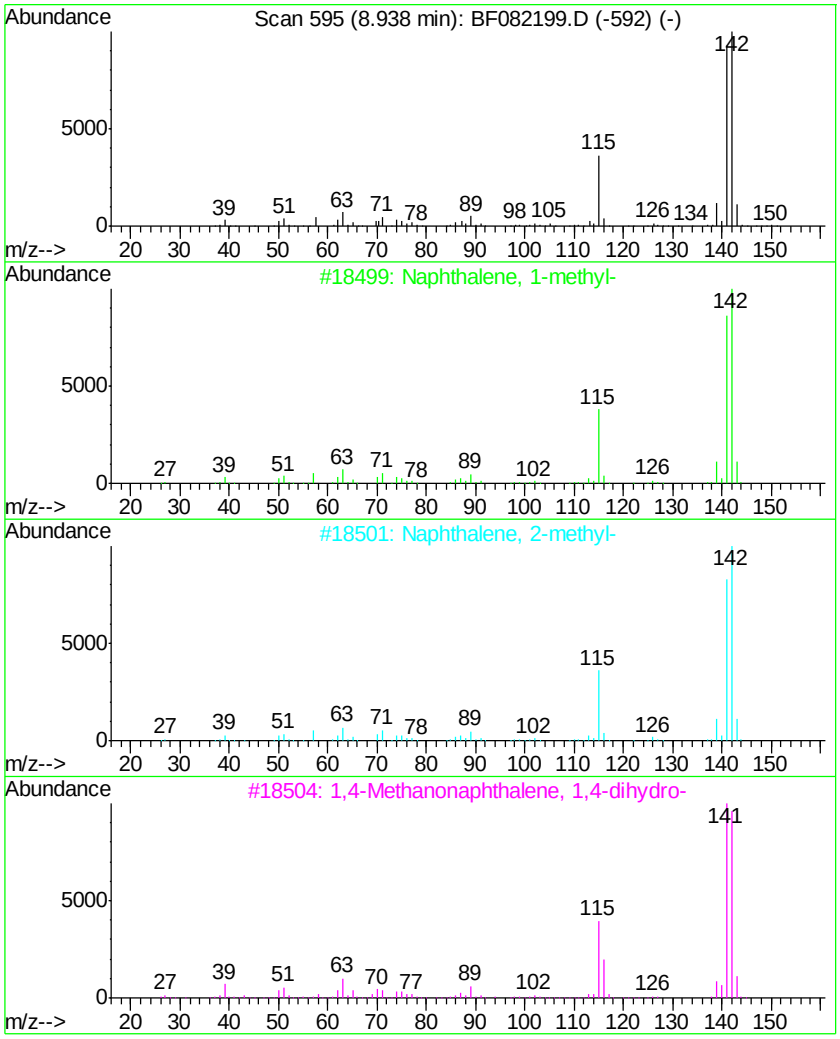
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

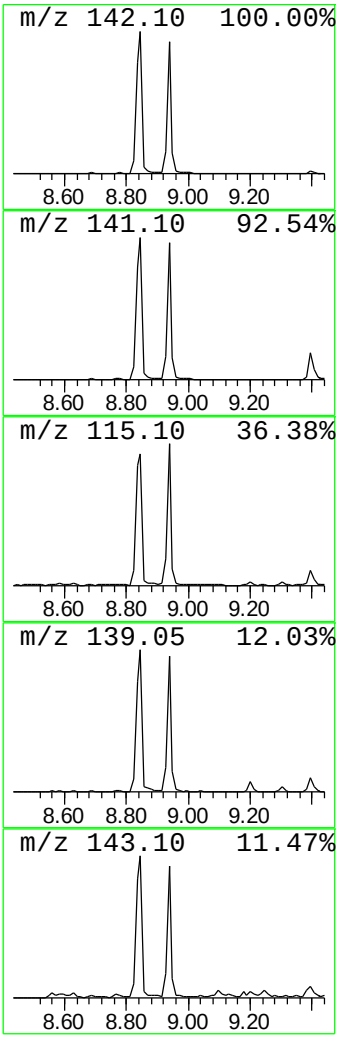
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	5.46 ng	1498400	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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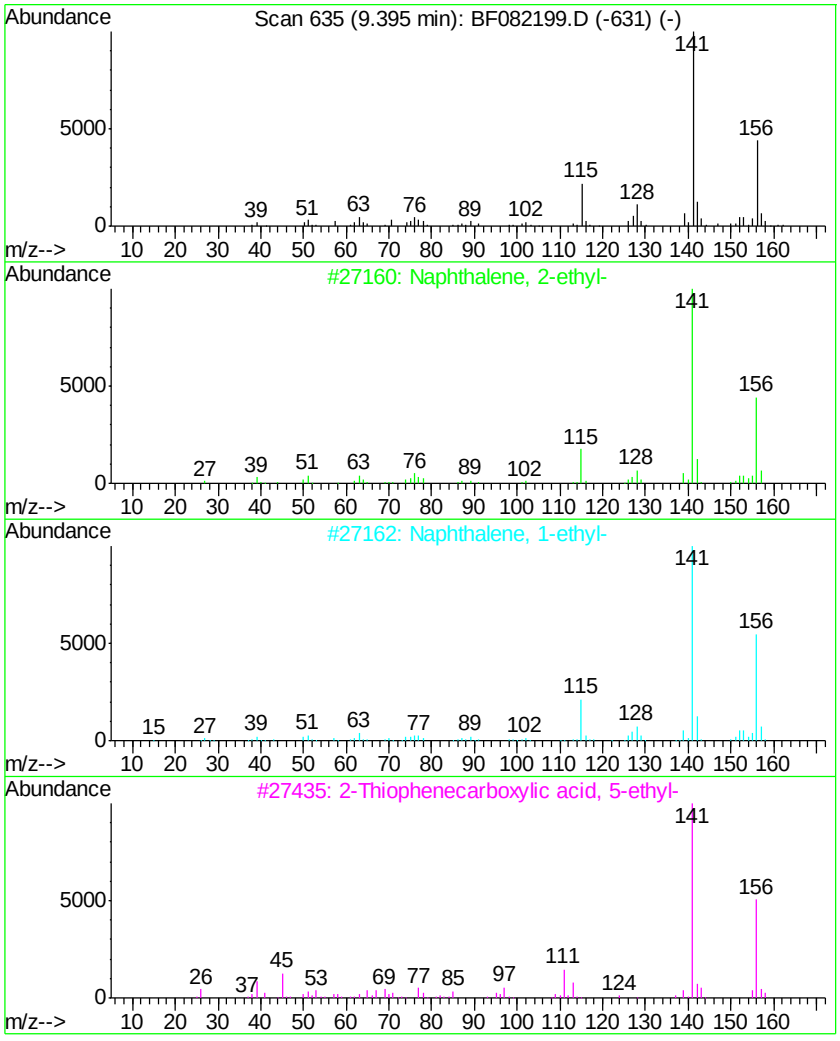
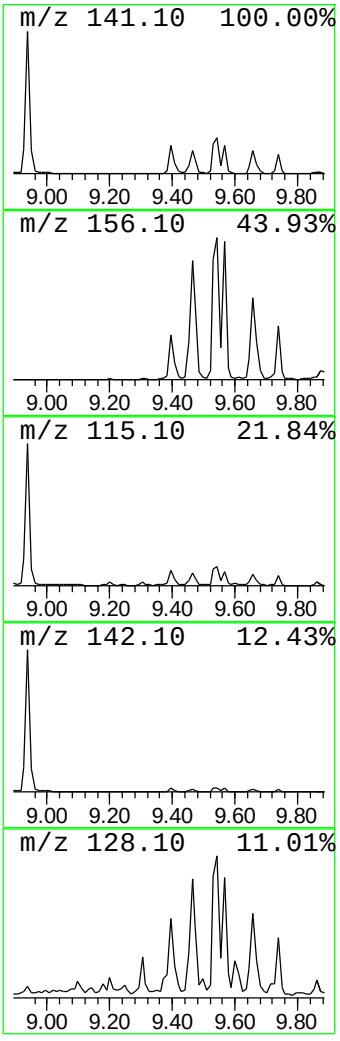
Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	7.96 ng	345680	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	42
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	40





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Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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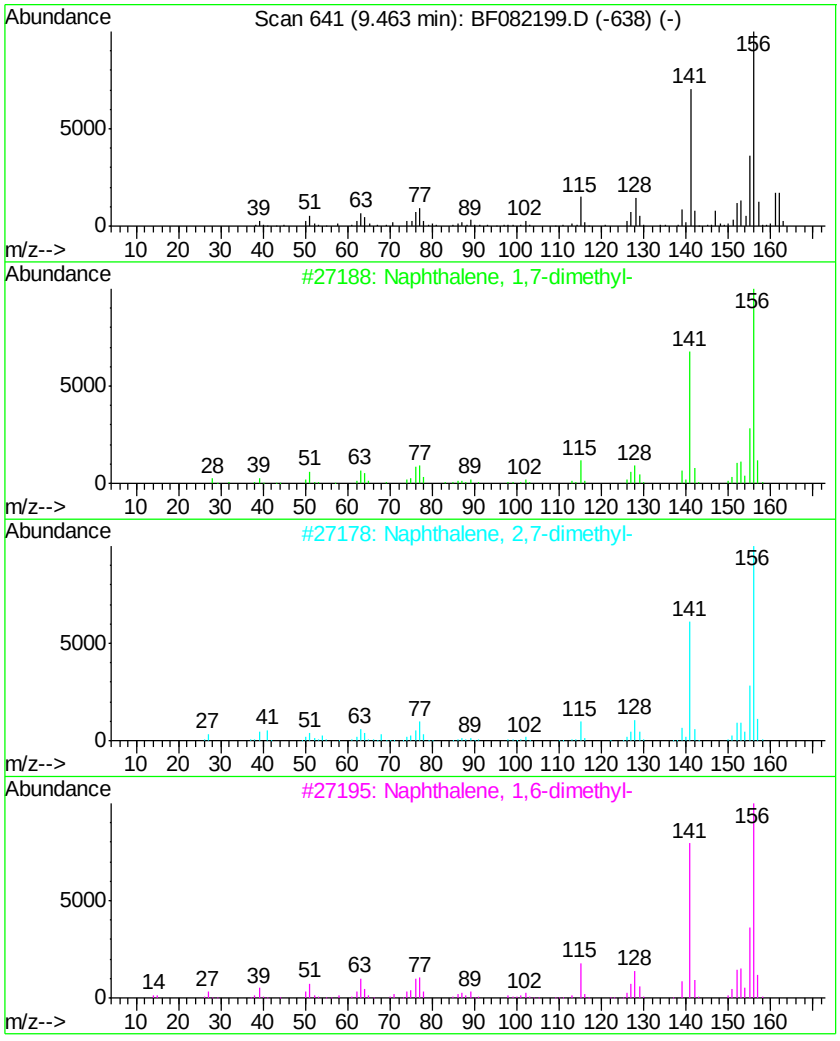
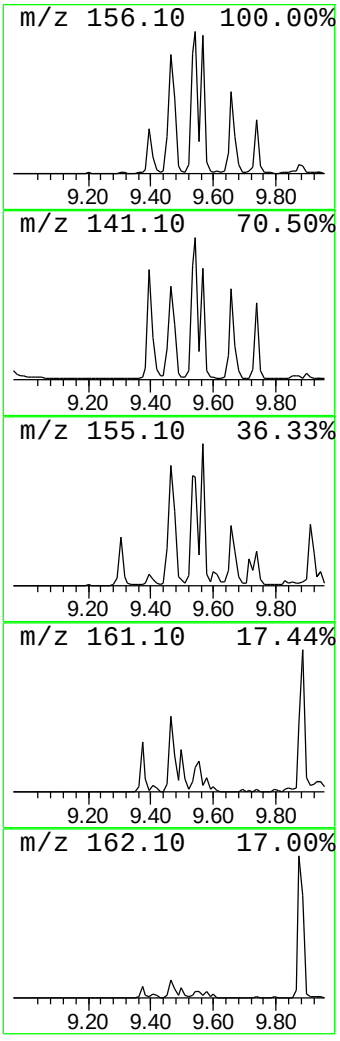
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	13.93 ng	604636	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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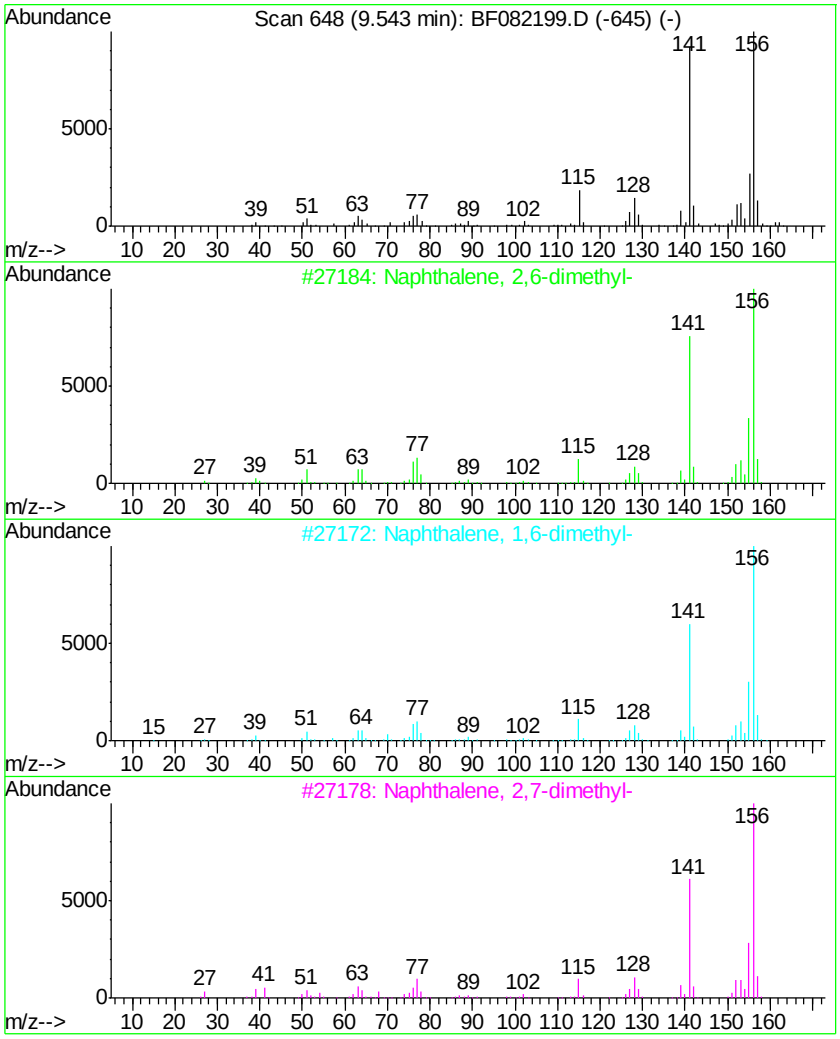
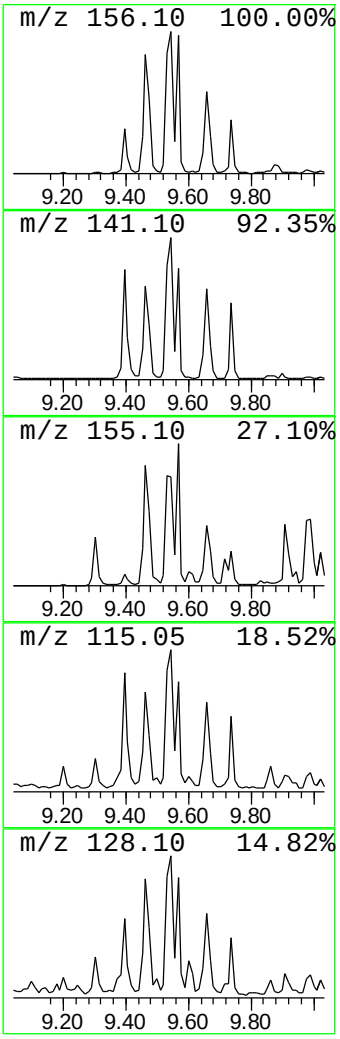
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	16.91 ng	734139	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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ClientSampleId : MGP222BR-22-24

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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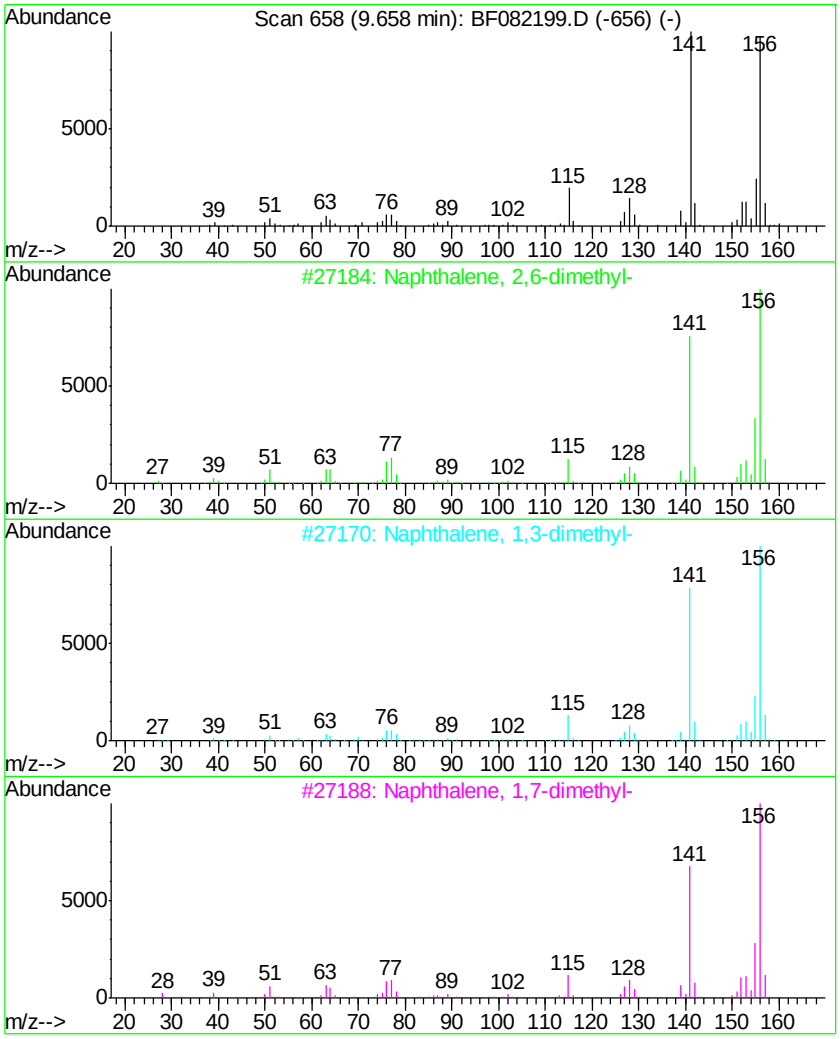
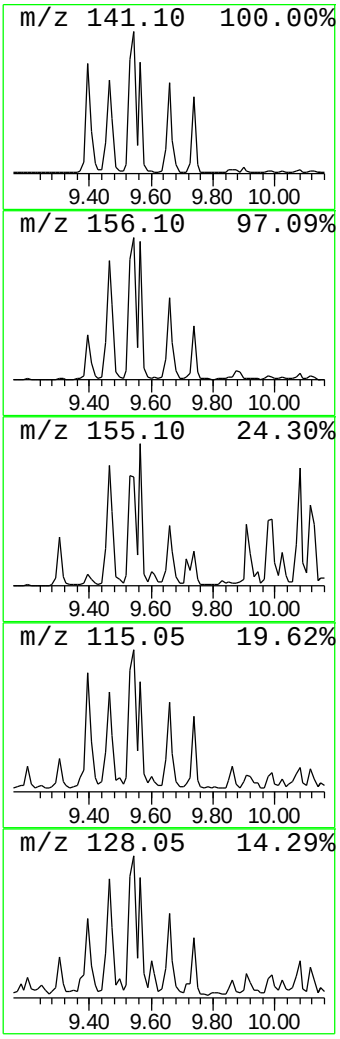
Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.17 ng	354625	Acenaphthene-d10	9.87

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	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Sample : G3974-02
Misc :
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Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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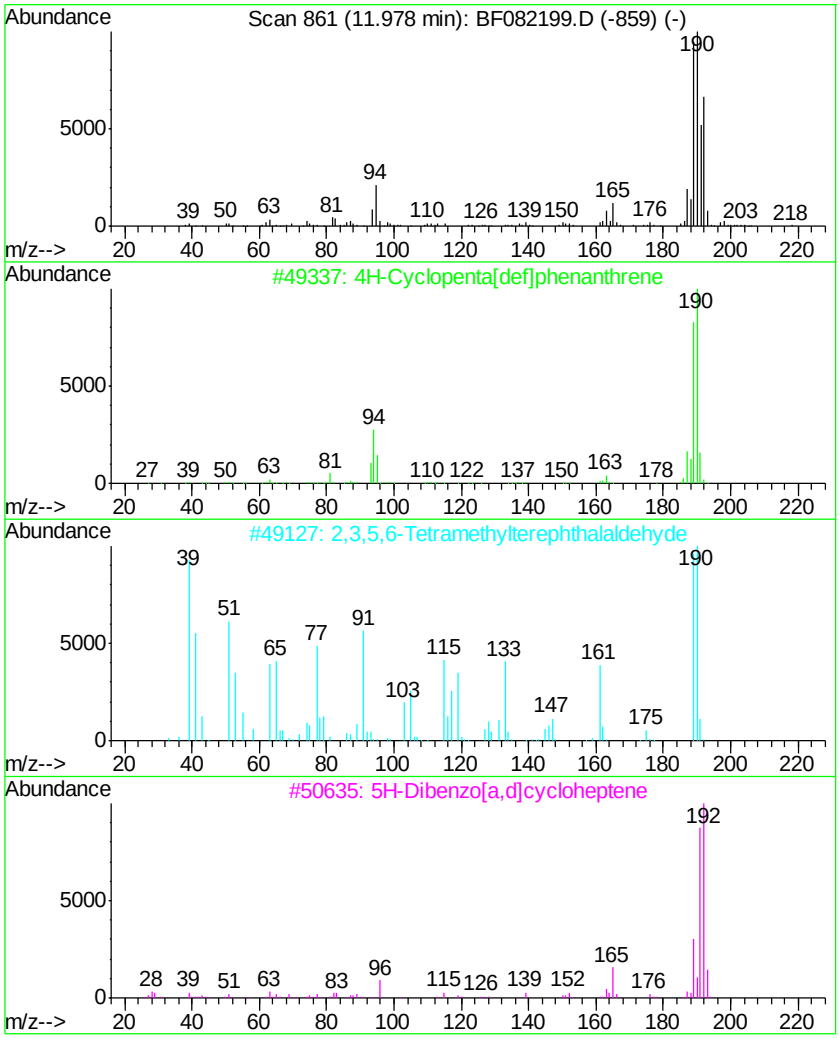
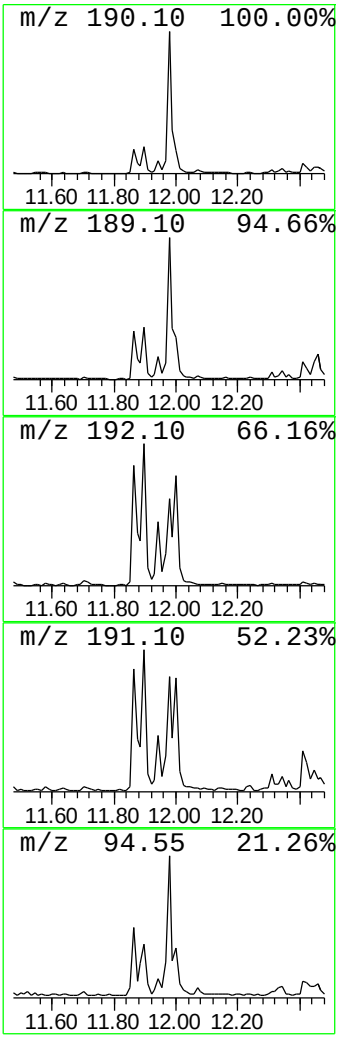
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.05 ng	971869	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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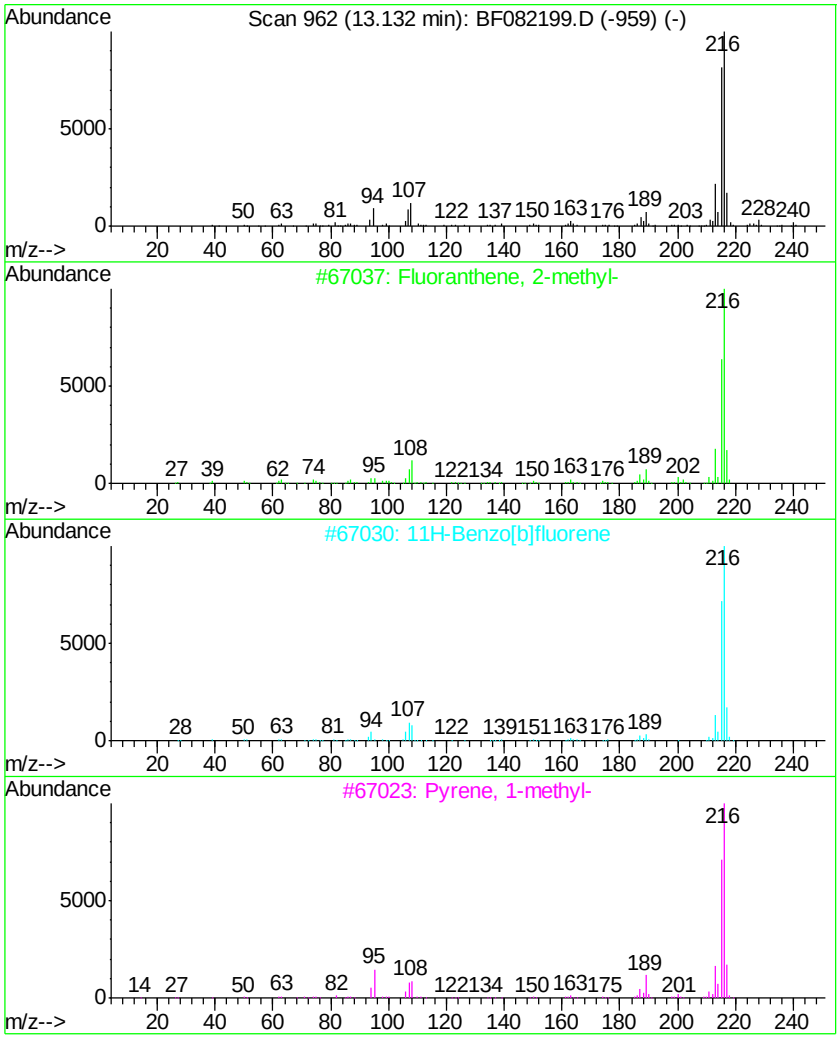
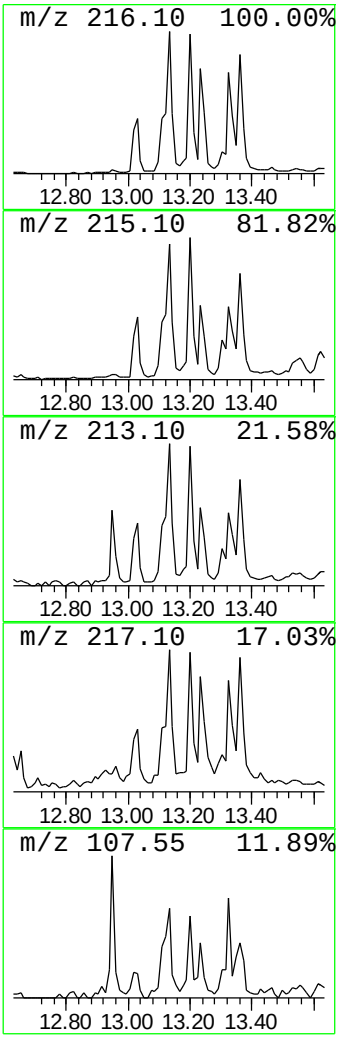
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.29 ng	375501	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
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Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
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Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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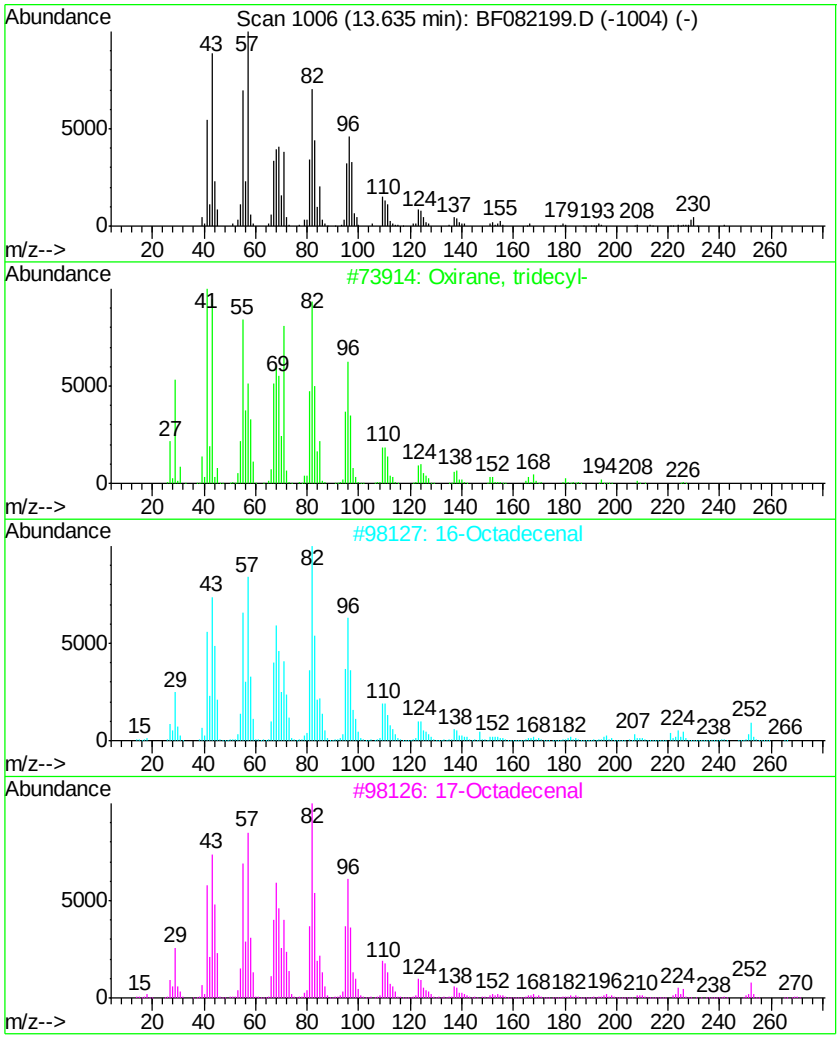
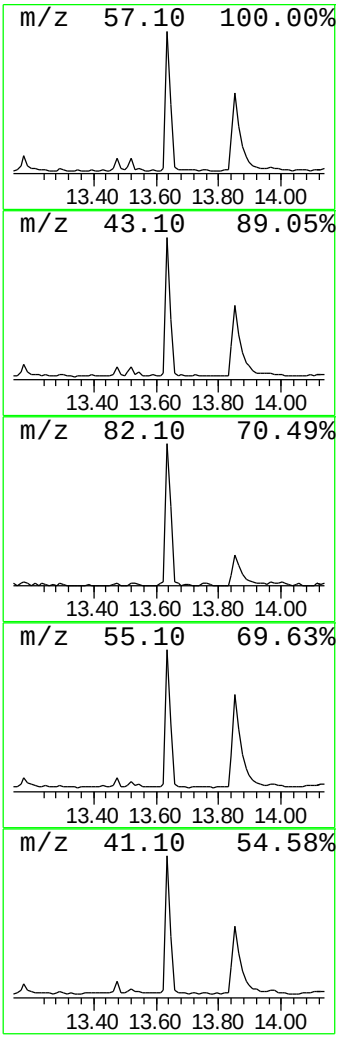
Peak Number 16 Oxirane, tridecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	6.72 ng	476907	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tridecyl-	226	C15H30O	018633-25-5	91
2	16-Octadecenal	266	C18H34O	056554-87-1	90
3	17-Octadecenal	266	C18H34O	056554-86-0	90
4	Pentadecanal-	226	C15H30O	002765-11-9	87
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86





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Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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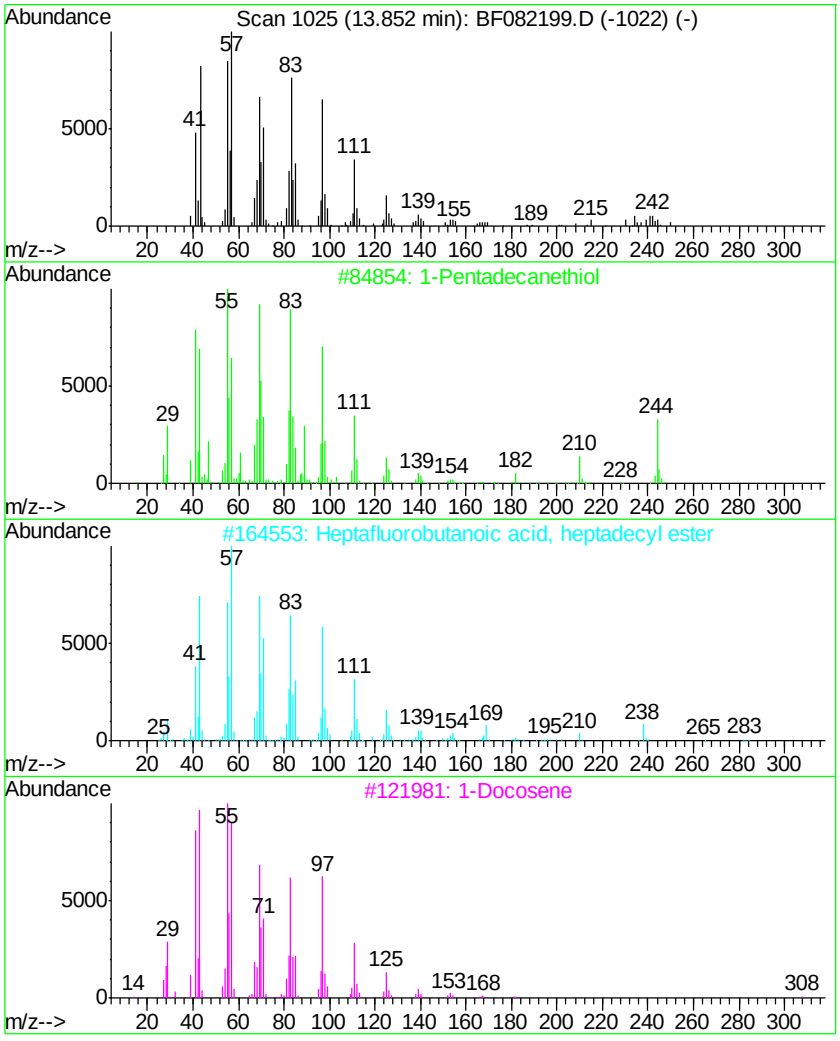
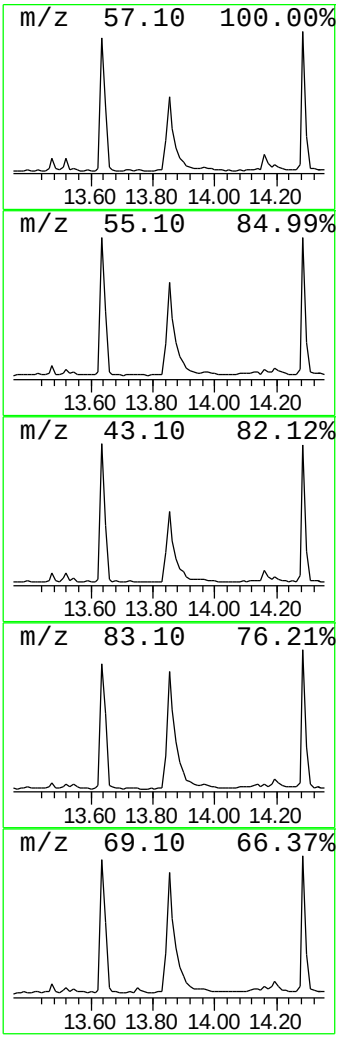
Peak Number 17 1-Pentadecanethiol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.98 ng	353705	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	1-Docosene	308	C22H44	001599-67-3	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Sample : G3974-02
Misc :
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ClientSampleId : MGP222BR-22-24

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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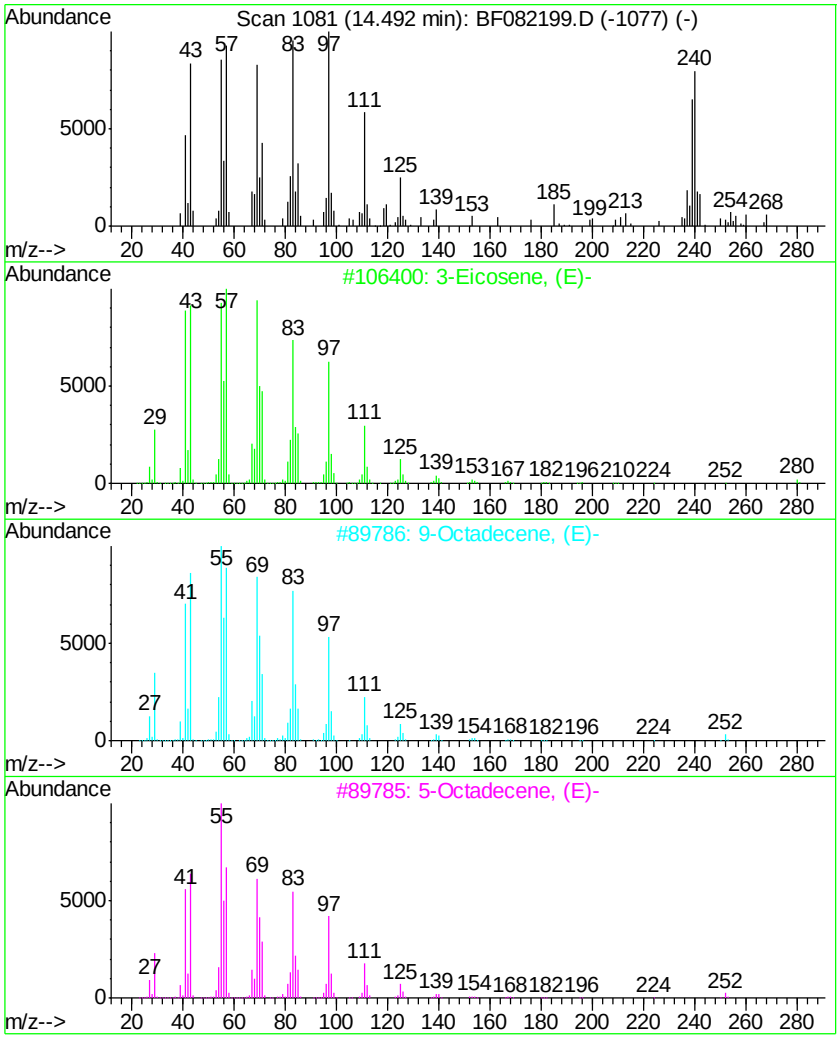
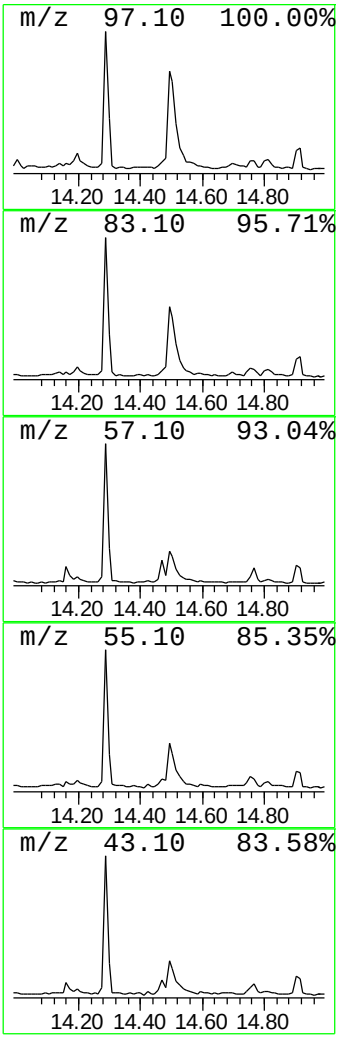
Peak Number 18 3-Eicosene, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	6.01 ng	426738	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	52
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	43
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	43
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	41
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	30





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Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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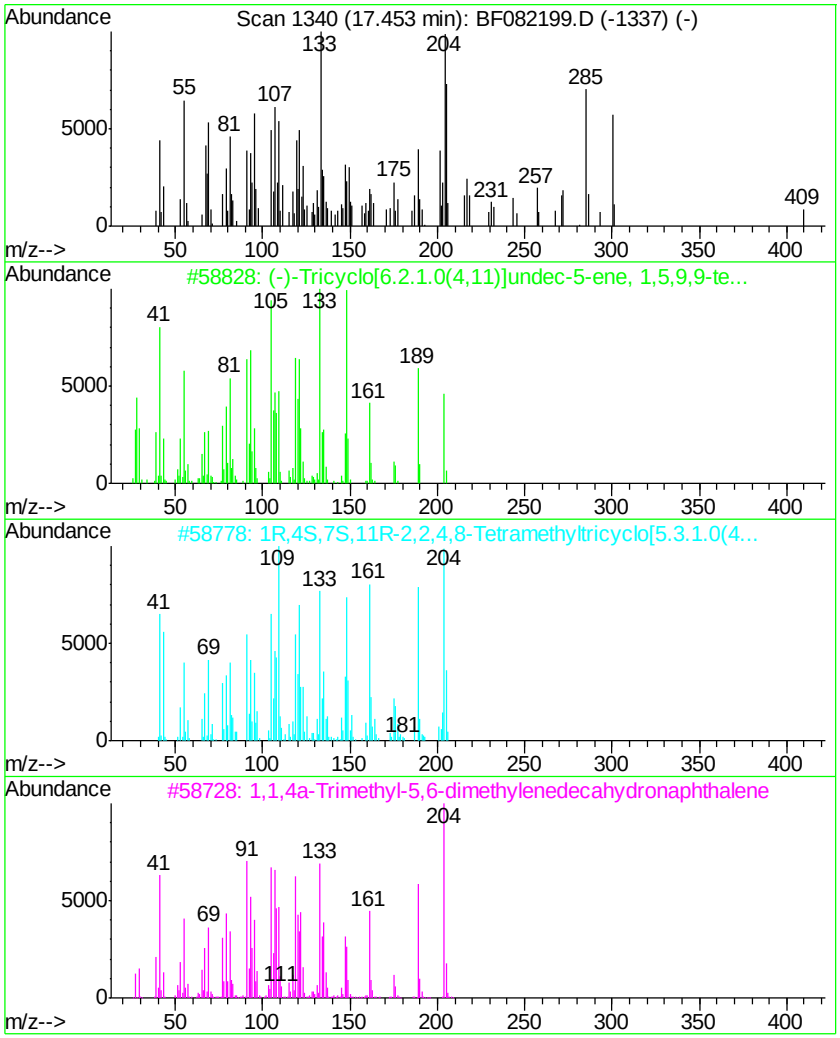
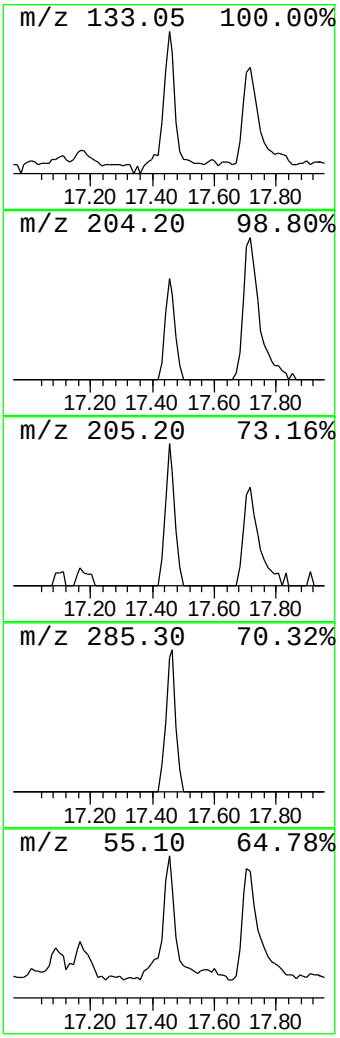
Peak Number 19 unknown17.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	12.52 ng	343843	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	46
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	42
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	30
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	30





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ClientSampleId : MGP222BR-22-24

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

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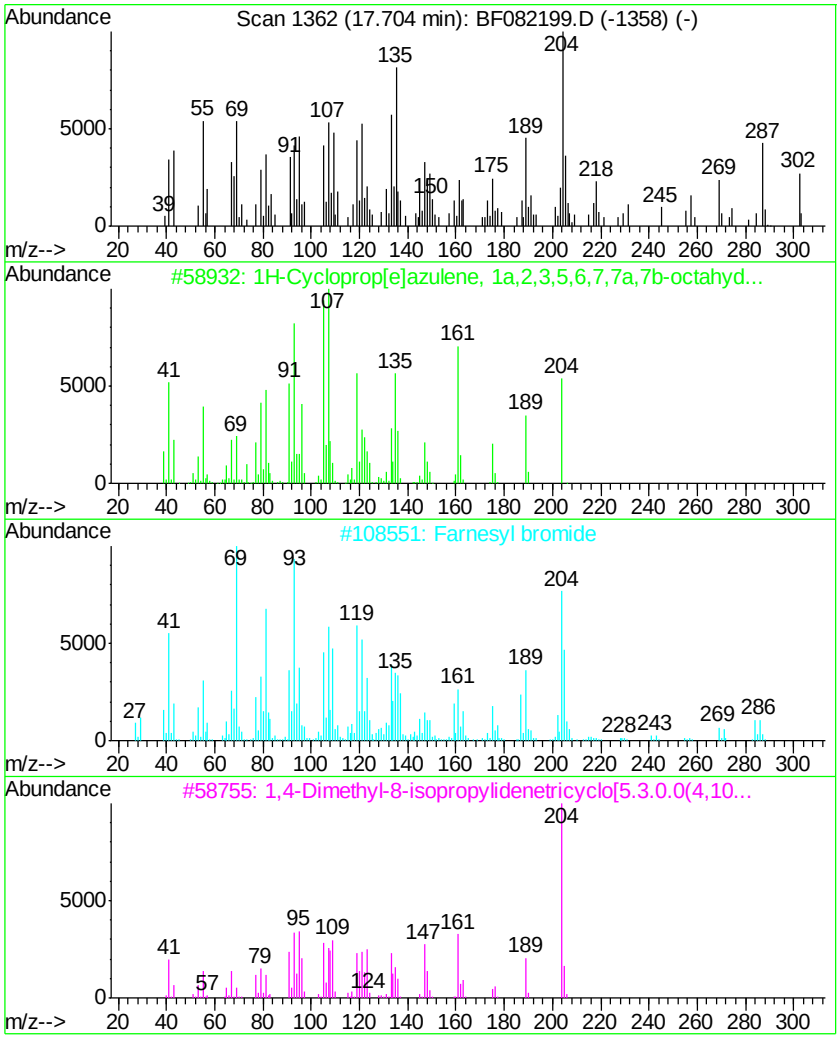
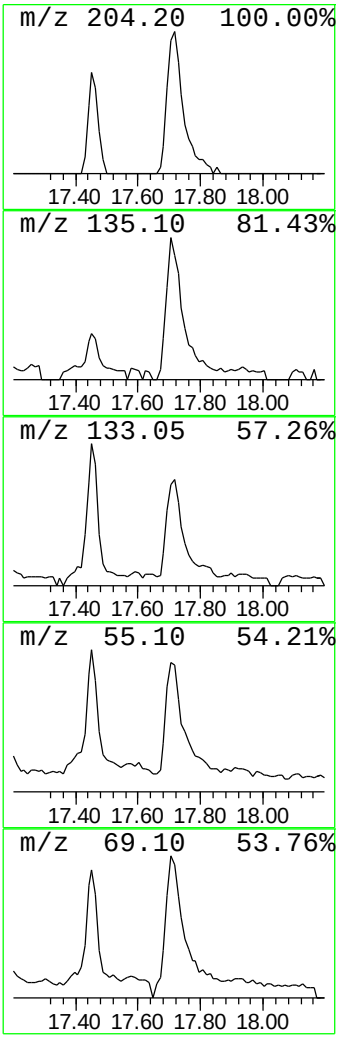
Peak Number 20 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	19.44 ng	533990	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	50
2	Farnesyl bromide	284	C15H25Br	006874-67-5	49
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
4	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	47
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082199.D
Acq On : 11 Oct 2015 2:42
Operator : UM/IZ
Sample : G3974-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	5.02	35.4	ng	824733	1	6.83	465696	20.0
unknown6.61	6.61	66.7	ng	1552790	1	6.83	465696	20.0
Benzene, 2-propenyl-	6.66	8.0	ng	185137	1	6.83	465696	20.0
Indene	7.10	43.8	ng	1019810	1	6.83	465696	20.0
Naphthalene, 1-me...	8.94	5.5	ng	1498400	2	8.13	5485940	20.0
Naphthalene, 2-et...	9.39	8.0	ng	345680	3	9.87	868264	20.0
Naphthalene, 1,7-...	9.46	13.9	ng	604636	3	9.87	868264	20.0
Naphthalene, 2,6-...	9.54	16.9	ng	734139	3	9.87	868264	20.0
Naphthalene, 1,3-...	9.66	8.2	ng	354625	3	9.87	868264	20.0
4H-Cyclopenta[def...	11.98	7.0	ng	971869	4	11.37	2758270	20.0
Fluoranthene, 2-m...	13.13	5.3	ng	375501	5	14.00	1419710	20.0
Oxirane, tridecyl-	13.64	6.7	ng	476907	5	14.00	1419710	20.0
1-Pentadecanethiol	13.85	5.0	ng	353705	5	14.00	1419710	20.0
3-Eicosene, (E)-	14.49	6.0	ng	426738	5	14.00	1419710	20.0
unknown17.45	17.45	12.5	ng	343843	6	15.44	549278	20.0
1H-Cycloprop[e]az...	17.70	19.4	ng	533990	6	15.44	549278	20.0