LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

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-BF120415.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	2.624	80	82	92	rVB	155704	210568	4.04%	0.440%
2	3.150	126	128	133	rVB	62351	83096	1.59%	0.174%
3	3.584	164	166	176	rBV	218060	353801	6.79%	0.740%
4	3.859	188	190	194	rBV	210363	261270	5.01%	0.546%
5	3.996	198	202	203	rVV2	91633	200001	3.84%	0.418%
6	4.030	203	205	223	rVV	1353512	1845226	35.40%	3.858%
7	4.270	223	226	232	rVB	98350	146984	2.82%	0.307%
8	4.659	255	260	264	rBV	109752	142865	2.74%	0.299%
9	5.310	315	317	327	rBV	636285	1337051	25.65%	2.796%
10	5.459	327	330	334	rVV	2848058	3558555	68.26%	7.440%
11	5.527	334	336	346	rVB3	58287	160141	3.07%	0.335%
12	5.767	355	357	362	rBV	766034	962827	18.47%	2.013%
13	5.927	368	371	373	rBV	580147	700698	13.44%	1.465%
14	5.985	373	376	378	rBV	2668816	3195488	61.30%	6.681%
15	6.133	387	389	395	rVB2	118707	212962	4.09%	0.445%
16	6.499	419	421	423	rBV	51906	71696	1.38%	0.150%
17	6.590	426	429	432	rVV	2166705	3253447	62.41%	6.802%
18	6.659	432	435	436	rVV2	135181	243827	4.68%	0.510%
19	6.682	436	437	439	rVV	127840	190153	3.65%	0.398%
20	6.727	439	441	443	rVV	110940	160834	3.09%	0.336%
21	6.785	443	446	451	rVB	112118	173561	3.33%	0.363%
22	7.025	465	467	470	rVB	47977	64359	1.23%	0.135%
23	7.128	470	476	479	rBV	78788	165528	3.18%	0.346%
24	7.173	479	480	486	rVB5	30955	76249	1.46%	0.159%
25	7.288	487	490	493	rBV	279396	395283	7.58%	0.826%
26	7.379	493	498	500	rVV2	102858	213346	4.09%	0.446%
27	7.528	506	511	514	rBV	84250	184724	3.54%	0.386%
28	7.665	521	523	526	rBV	872825	1292469	24.79%	2.702%
29	7.790	532	534	536	rVB	46420	60594	1.16%	0.127%
30	7.836	536	538	541	rVB	75677	95203	1.83%	0.199%
31	7.996	548	552	556	rBV3	63553	177161	3.40%	0.370%
32	8.099	559	561	567	rVB3	33699	103985	1.99%	0.217%
33	8.419	586	589	590	rBV	57822	93480	1.79%	0.195%
34	8.453	590	592	596	rVV	94639	175449	3.37%	0.367%

LSC Area Percent Report

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Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.533	596	599	602	rVV	146788	222608	4.27%	0.465%
36	8.625	606	607	611	rVV2	32228	61998	1.19%	0.130%
37	8.728	614	616	620	rVV	57492	91835	1.76%	0.192%
38	8.819	620	624	627	rVV4	28309	76528	1.47%	0.160%
39	8.888	628	630	632	rVV	93695	137197	2.63%	0.287%
40	8.945	632	635	638	rVV3	39250	113822	2.18%	0.238%
41	9.013	638	641	644	rVV	405379	619015	11.87%	1.294%
42	9.059	644	645	649	rVB3	41286	63204	1.21%	0.132%
43	9.265	656	663	667	rVB4	90543	280749	5.39%	0.587%
44	9.413	672	676	679	rVV	3404994	5212978	100.00%	10.900%
45	9.505	682	684	686	rBV2	54501	75892	1.46%	0.159%
46	9.562	686	689	691	rVB3	84737	102178	1.96%	0.214%
47	9.653	694	697	700	rVV2	272433	403220	7.73%	0.843%
48	9.722	701	703	705	rVB	115302	140789	2.70%	0.294%
49	9.996	725	727	731	rBV4	25859	72335	1.39%	0.151%
50	10.099	733	736	738	rBV2	55598	98896	1.90%	0.207%
51	10.271	745	751	755	rBV4	101111	218068	4.18%	0.456%
52	10.465	764	768	775	rBV3	903174	1990981	38.19%	4.163%
53	10.728	787	791	792	rBV2	25560	55758	1.07%	0.117%
54	10.819	797	799	804	rBV3	106259	251979	4.83%	0.527%
55	10.899	804	806	809	rVV	129010	148963	2.86%	0.311%
56	10.991	810	814	819	rVB	55330	135423	2.60%	0.283%
57	11.082	819	822	824	rBV3	27375	58593	1.12%	0.123%
58	11.311	836	842	844	rBV5	60375	147045	2.82%	0.307%
59	11.368	844	847	850	rVV2	305669	431325	8.27%	0.902%
60	11.425	850	852	856	rVB5	111624	165236	3.17%	0.345%
61	11.642	869	871	875	rVB2	102735	178826	3.43%	0.374%
62	11.745	877	880	883	rBV2	1965908	3038559	58.29%	6.353%
63	11.917	893	895	898	rVV	329642	482555	9.26%	1.009%
64	11.985	898	901	906	rVB5	35706	120460	2.31%	0.252%
65	12.065	906	908	911	rBV3	85806	166477	3.19%	0.348%
66	12.202	914	920	923	rVV	162819	314679	6.04%	0.658%
67	12.271	923	926	930	rVV	85499	158007	3.03%	0.330%
68	12.339	930	932	935	rVV2	61293	89344	1.71%	0.187%
69	12.397	935	937	943	rVB3	66262	164339	3.15%	0.344%
70	12.522	943	948	952	rBV3	82471	274046	5.26%	0.573%
71	12.591	952	954	958	rVB5	45705	88799	1.70%	0.186%

LSC Area Percent Report

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Acq On : 5 Dec 2015 11:59
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Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.659	958	960	962	rBV2	50350	94680	1.82%	0.198%
73	12.751	965	968	970	rVV2	130548	236523	4.54%	0.495%
74	12.797	970	972	975	rVV4	70121	185282	3.55%	0.387%
75	12.854	975	977	980	rVV	1083540	1422961	27.30%	2.975%
76	12.900	980	981	985	rVB3	40704	56690	1.09%	0.119%
77	13.105	994	999	1003	rBV2	71193	160650	3.08%	0.336%
78	13.311	1014	1017	1020	rVB4	29113	59163	1.13%	0.124%
79	13.905	1066	1069	1074	rVV2	105386	241406	4.63%	0.505%
80	13.974	1074	1075	1081	rVB3	35655	56618	1.09%	0.118%
81	14.157	1089	1091	1095	rBV3	27439	58342	1.12%	0.122%
82	14.271	1099	1101	1106	rVB3	29017	68051	1.31%	0.142%
83	14.728	1137	1141	1145	rBV5	18967	60103	1.15%	0.126%
84	14.797	1145	1147	1154	rVB6	18257	54816	1.05%	0.115%
85	15.185	1178	1181	1185	rBV2	145239	244049	4.68%	0.510%
86	15.311	1191	1192	1201	rVB8	21601	55923	1.07%	0.117%
87	15.494	1204	1208	1211	rBV	3329187	4966641	95.27%	10.384%
88	15.780	1230	1233	1239	rVB4	46838	119786	2.30%	0.250%
89	16.237	1270	1273	1275	rBV	34790	53502	1.03%	0.112%
90	16.363	1280	1284	1288	rVB3	40264	85946	1.65%	0.180%
91	16.488	1289	1295	1297	rBV5	23275	75972	1.46%	0.159%
92	16.980	1331	1338	1341	rBV7	33434	94413	1.81%	0.197%
93	17.048	1341	1344	1350	rVB	975189	1301301	24.96%	2.721%
94	17.426	1374	1377	1382	rVB	66694	96141	1.84%	0.201%
95	18.672	1484	1486	1493	rBV	650730	963112	18.48%	2.014%

Sum of corrected areas: 47827658

LSC Report - Integrated Chromatogram

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Data File : BF083508.D
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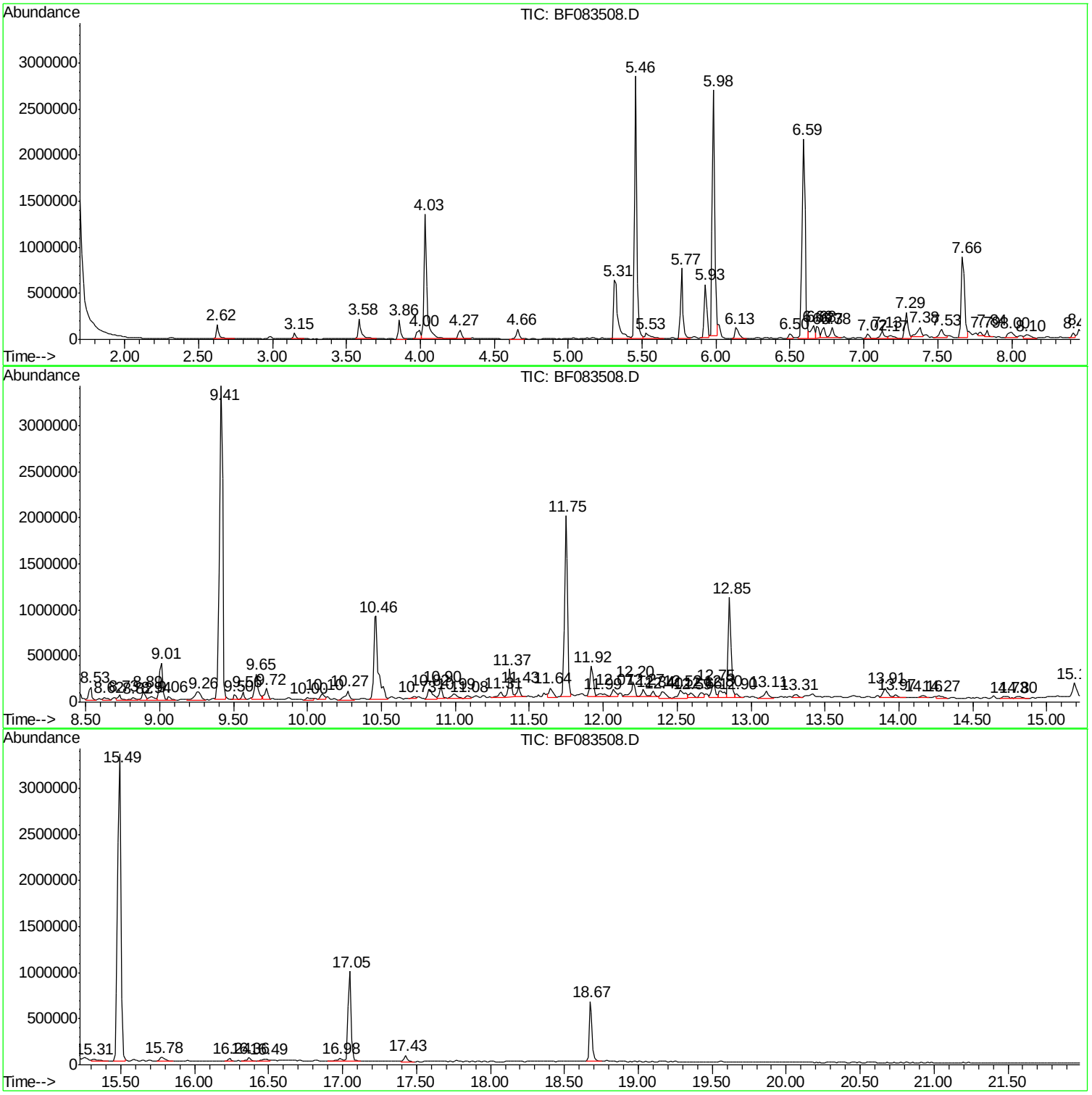
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
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Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

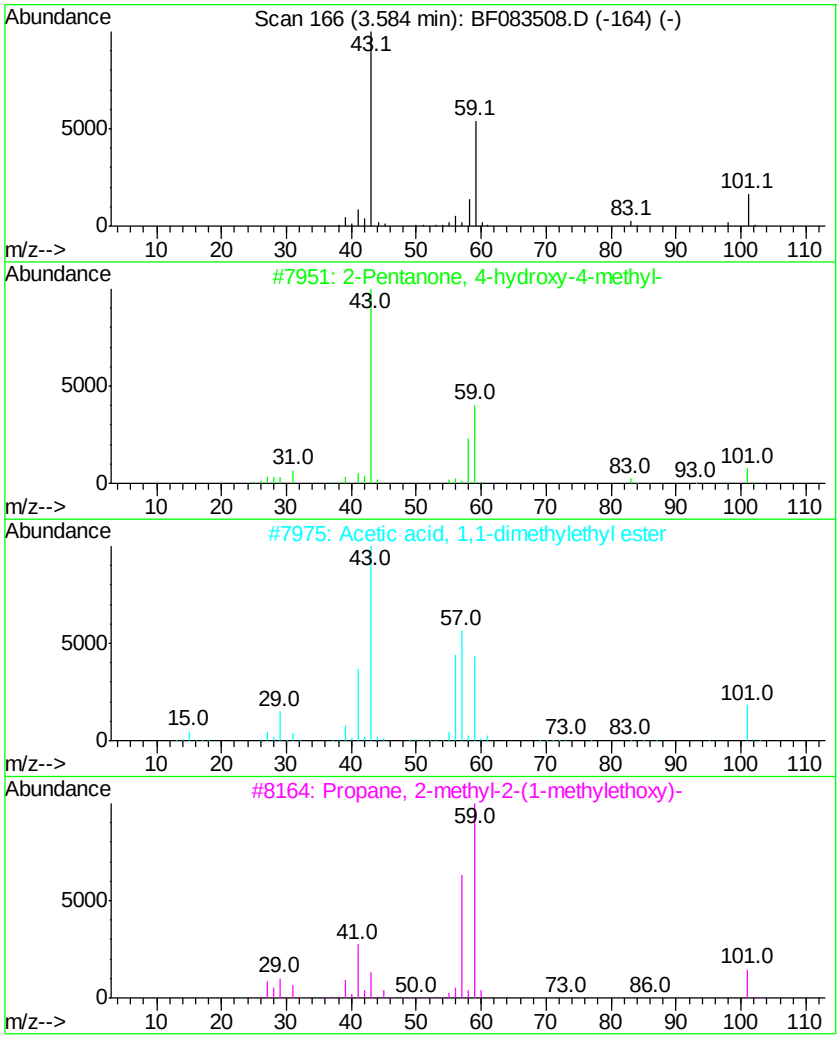
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

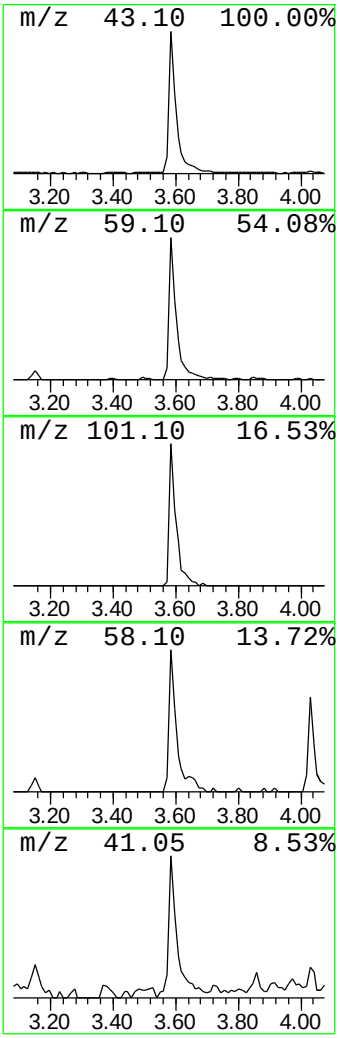
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	7.35 ng	353801	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

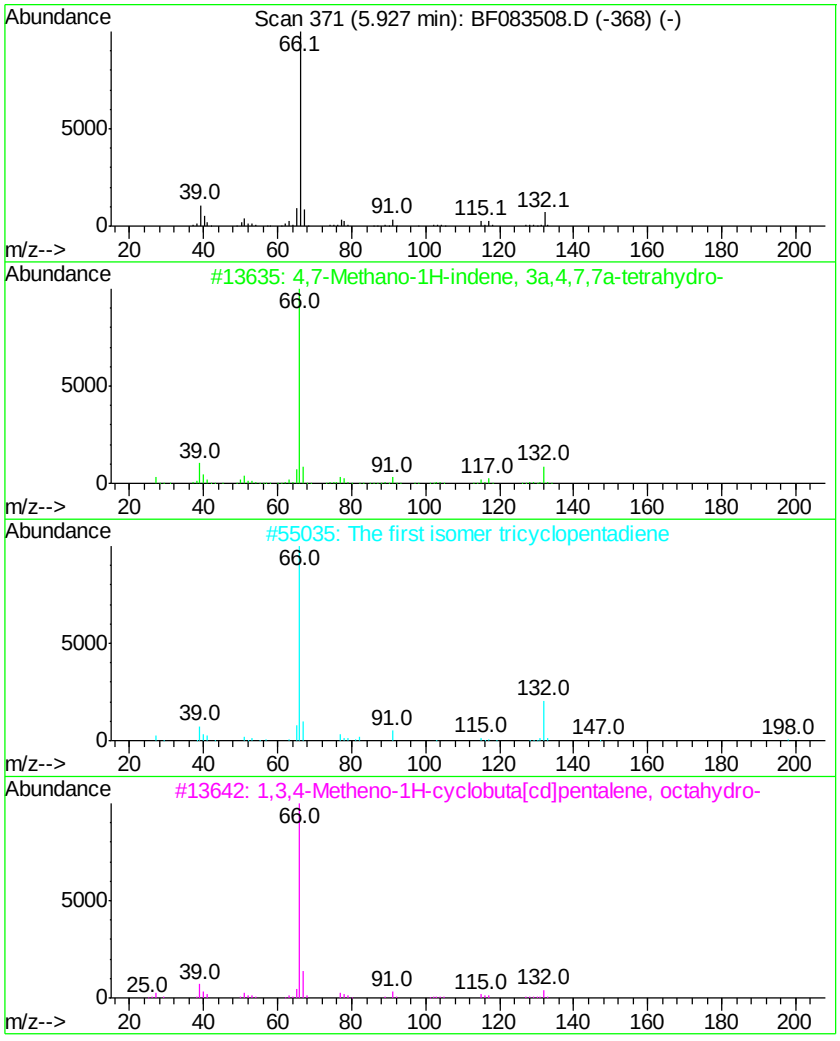
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

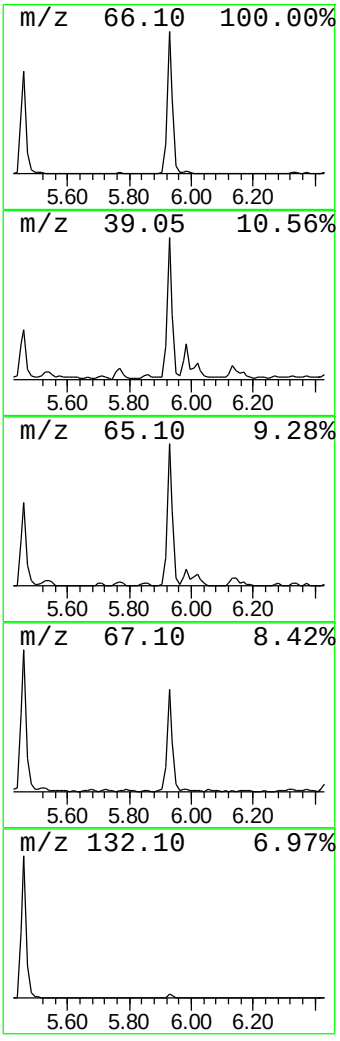
****

Peak Number 6 4,7-Methano-1H-indene, 3a,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	14.56 ng	700698	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
2	The first isomer tricyclopentadiene	198	C15H18	1000222-21-0	83
3	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	83
4	Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	83
5	Propanedinitrile	66	C3H2N2	000109-77-3	78





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Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

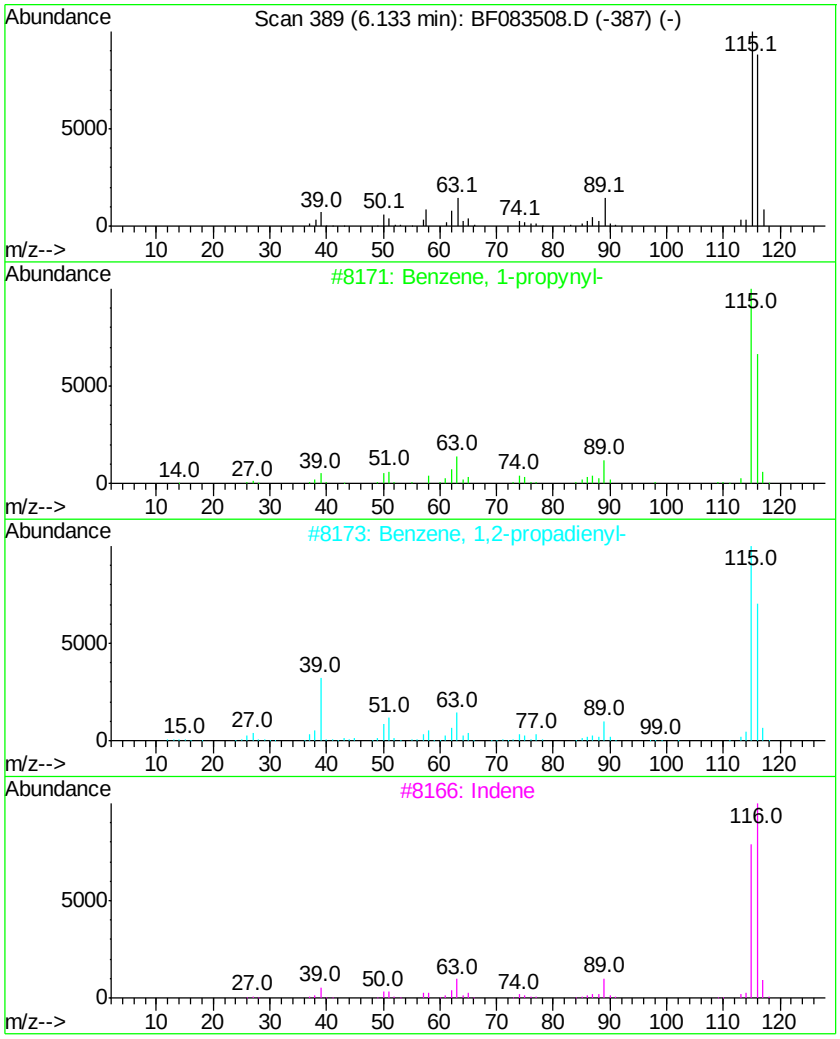
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

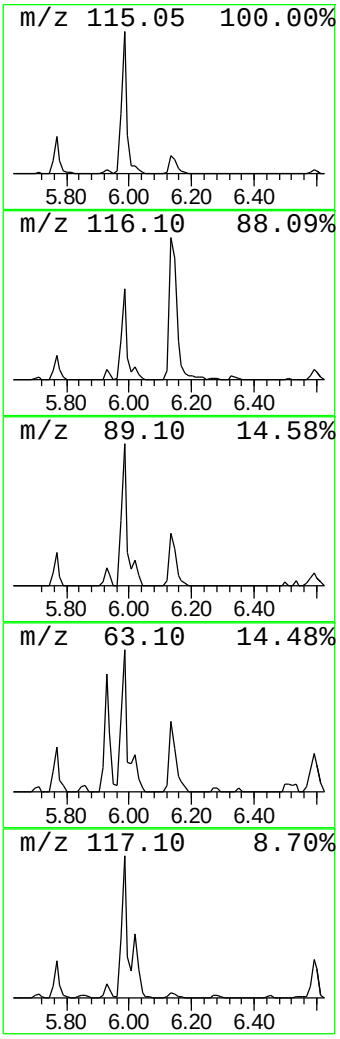
****

Peak Number 8 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	4.42 ng	212962	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	86
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

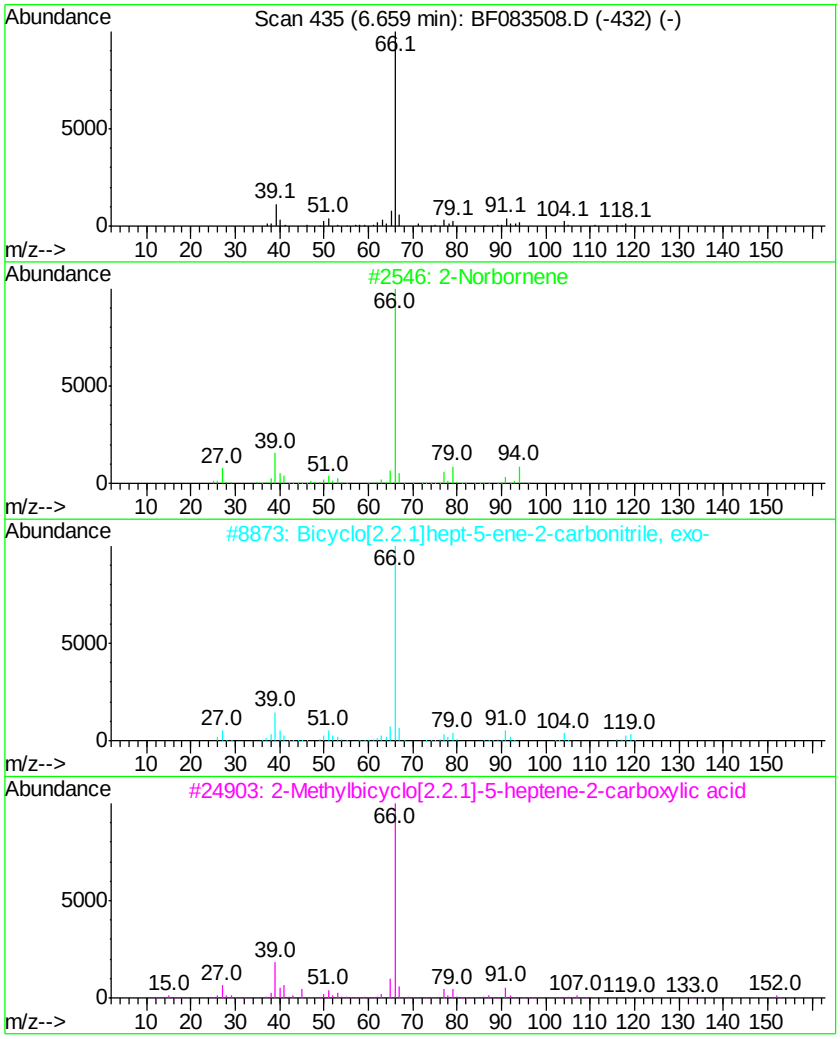
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

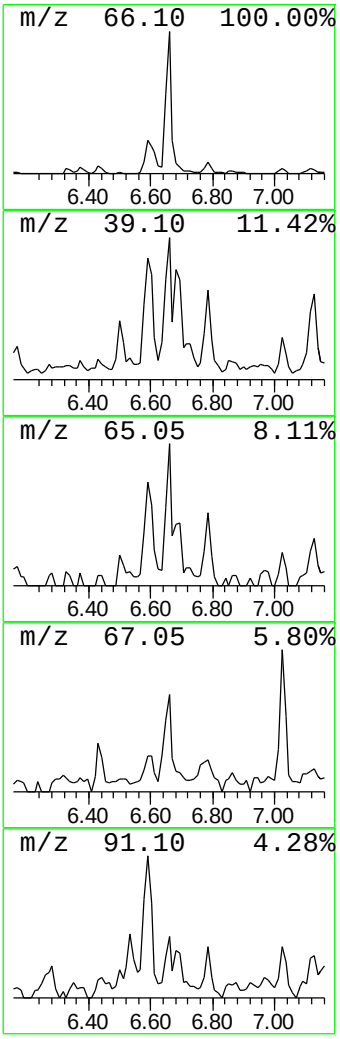
****

Peak Number 9 2-Norbornene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.06 ng	243827	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Norbornene	94	C7H10	000498-66-8	83
2	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	83
3	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	74
4	Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	190	C9H12Cl2	005992-56-3	74
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

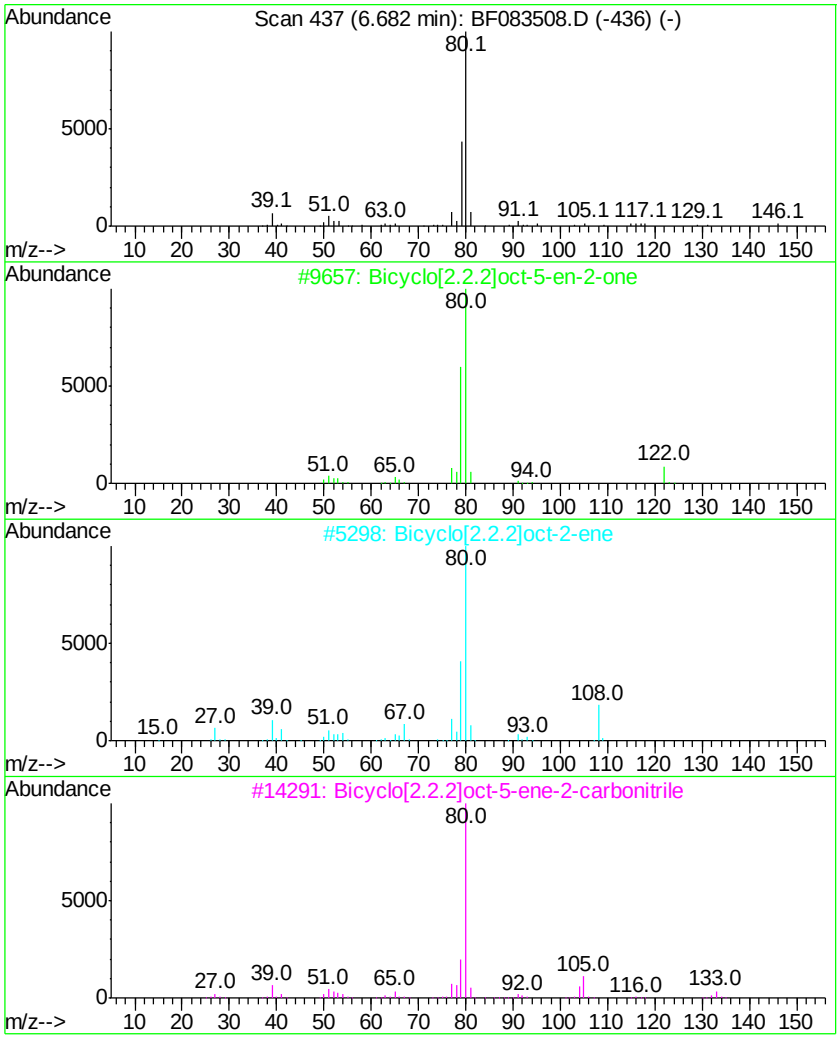
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

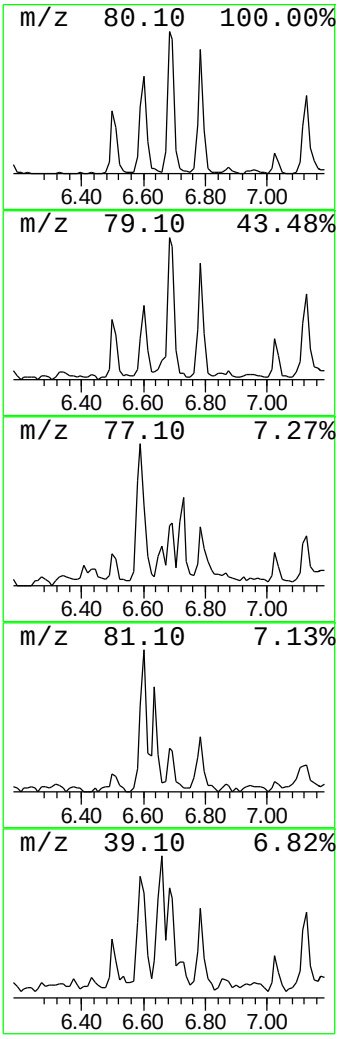
****

Peak Number 10 Bicyclo[2.2.2]oct-5-en-2-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.95 ng	190153	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	74
2	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64
3	Bicyclo[2.2.2]oct-5-ene-2-carbon...	133	C9H11N	1000164-89-7	64
4	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	64
5	1,4,4a,5,8,8a-Hexahydro-naphthalene	134	C10H14	1000190-92-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

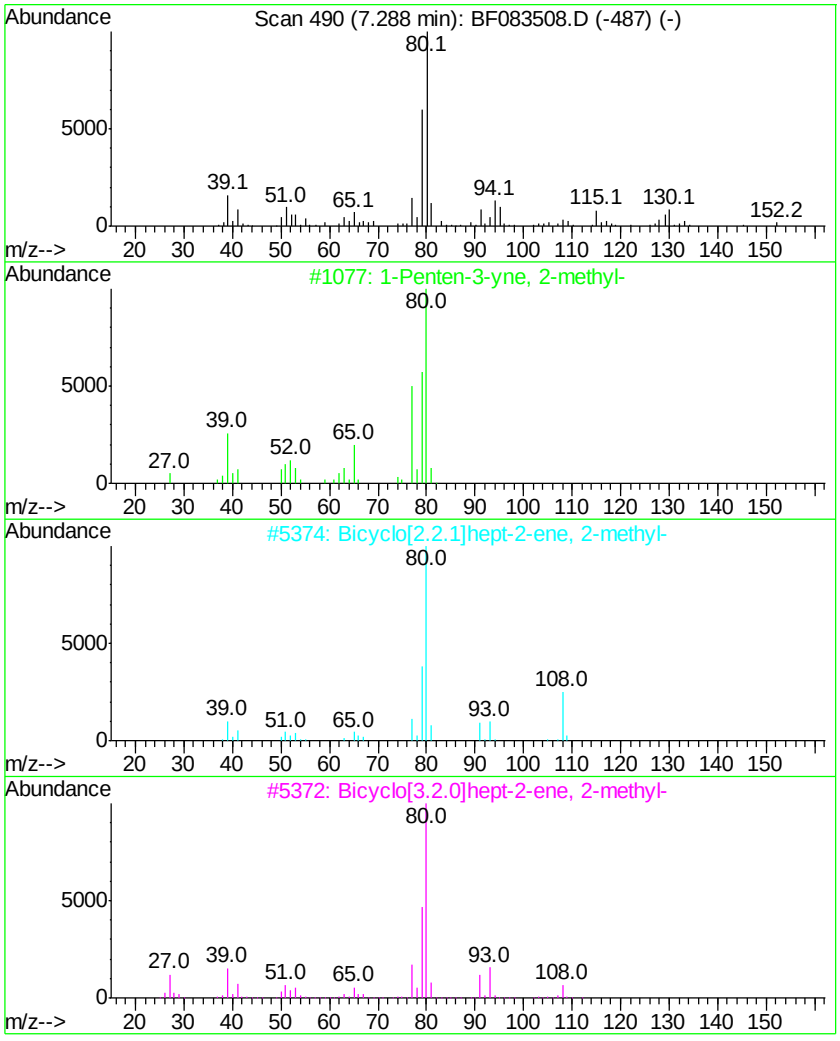
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

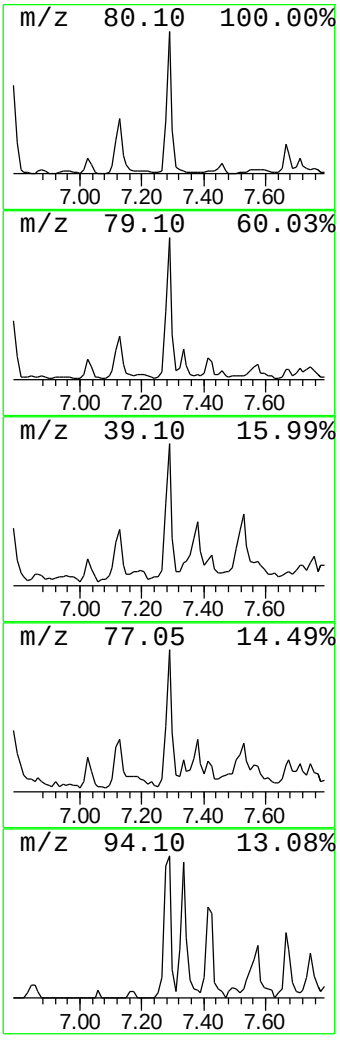
****

Peak Number 11 1-Penten-3-yne, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	6.12 ng	395283	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	86
2	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	80
3	Bicyclo[3.2.0]hept-2-ene, 2-methyl-	108	C8H12	094122-58-4	78
4	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	78
5	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	78





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Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

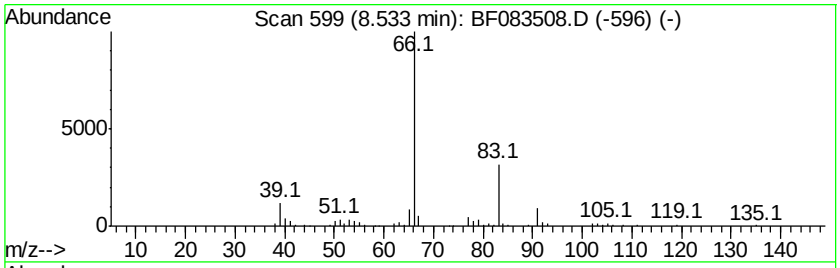
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

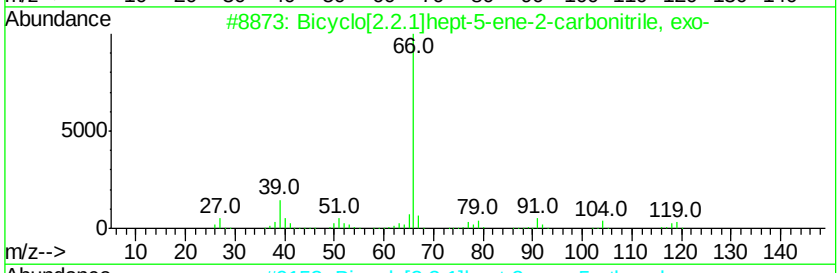
****

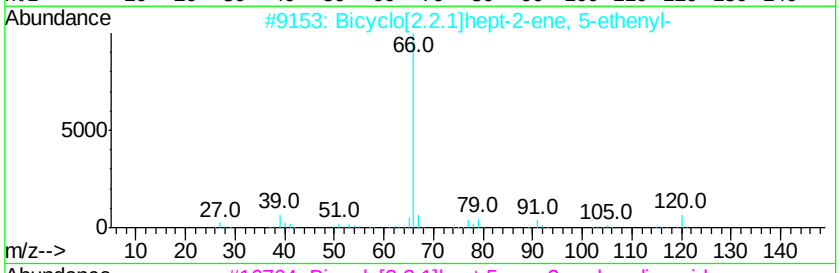
Peak Number 12 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 18

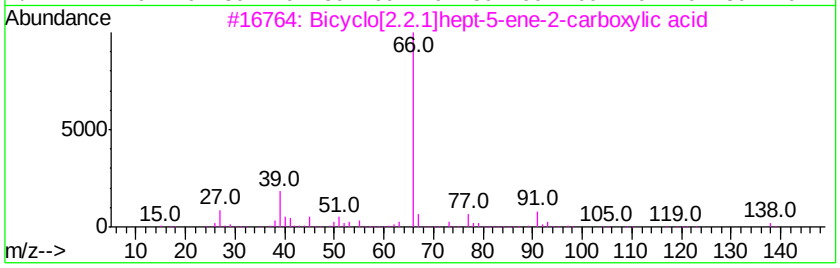
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	3.44 ng	222608	Naphthalene-d8	7.66

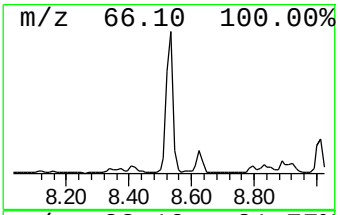
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	86
2	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	78
3	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	78
4	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	78
5	Bicyclo(2.2.1)hept-5-ene-2-carbo...	119	C8H9N	002888-90-6	78

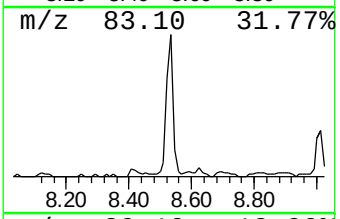


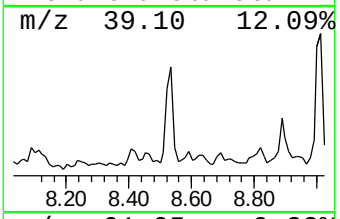


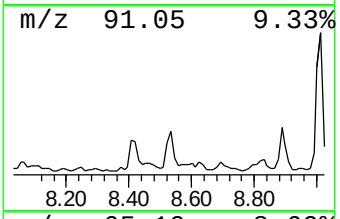


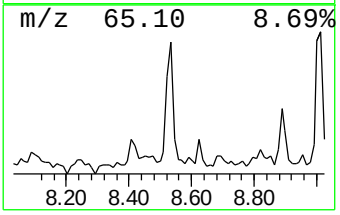












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Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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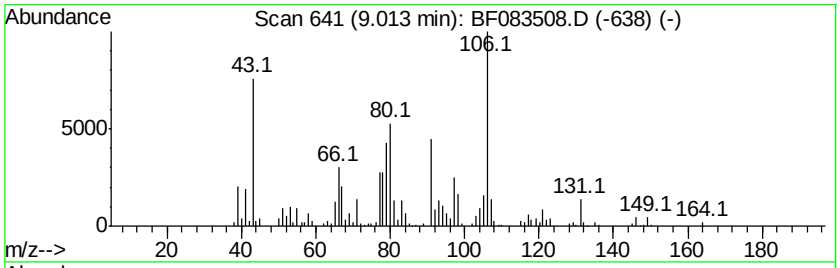
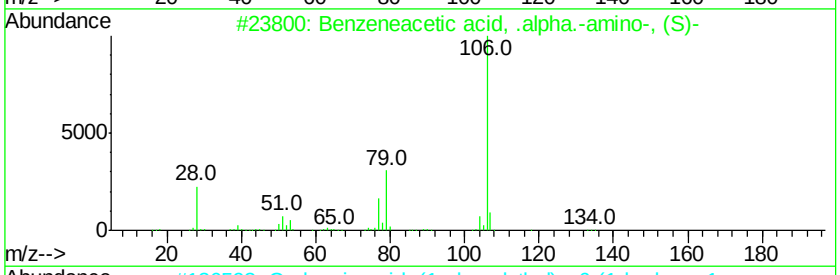
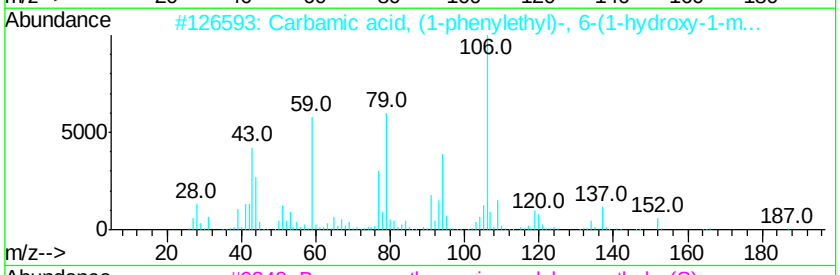
Peak Number 13 unknown9.01 Concentration Rank 4

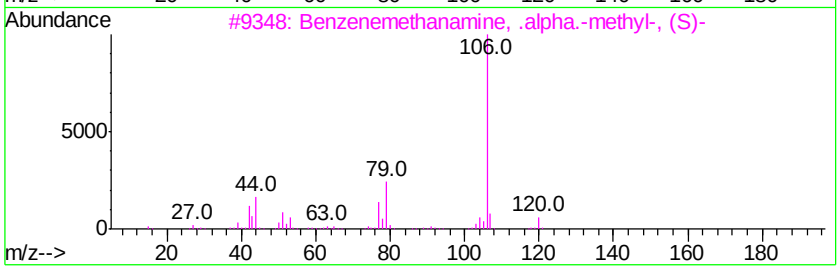
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	9.58 ng	619015	Naphthalene-d8	7.66

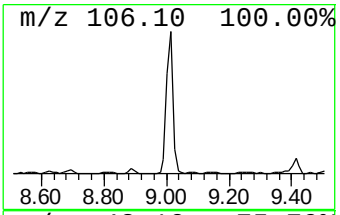
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-amin...	151	C8H9NO2	002935-35-5	35
2	Carbamic acid, (1-phenylethyl)-,...	317	C19H27NO3	119614-28-7	35
3	Benzenemethanamine, .alpha.-meth...	121	C8H11N	002627-86-3	35
4	Benzenemethanamine, .alpha.-meth...	121	C8H11N	000618-36-0	35
5	(S)-(+)-2-Phenylglycinol	137	C8H11NO	020989-17-7	35

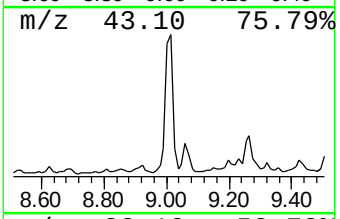


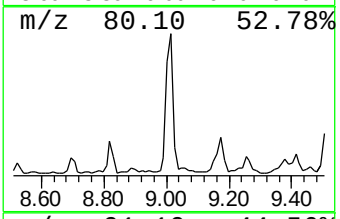


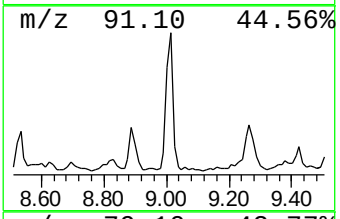


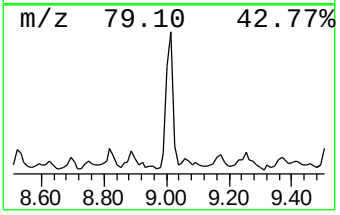












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Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

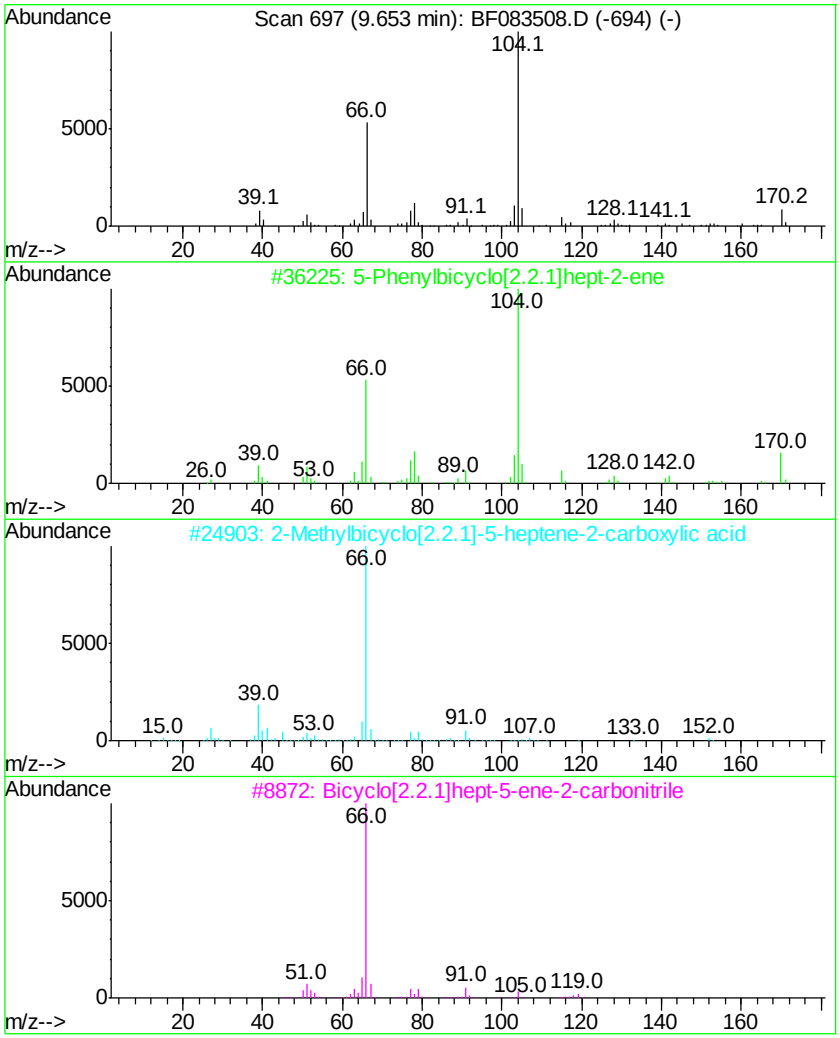
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

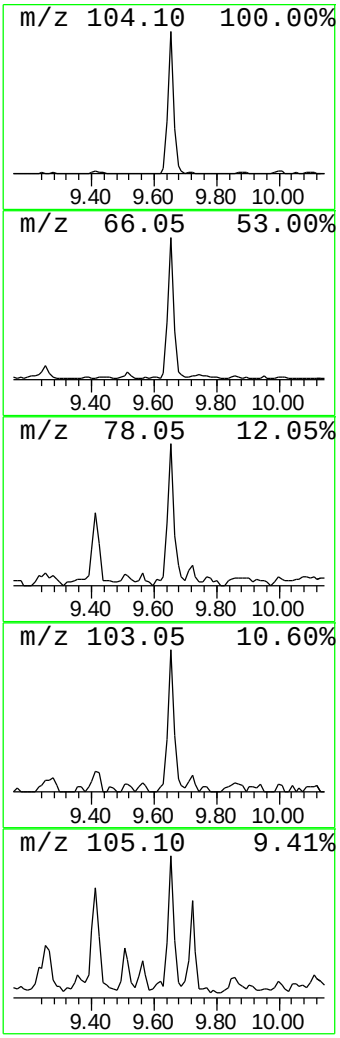
****

Peak Number 14 5-Phenylbicyclo[2.2.1]hept-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	4.05 ng	403220	Acenaphthene-d10	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenylbicyclo[2.2.1]hept-2-ene	170	C13H14	006143-30-2	55
2	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	43
3	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	43
4	endo-4-Oxatricyclo[5.2.1.0(2,6)]...	150	C9H10O2	095340-93-5	43
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	22





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Sample : G4595-01
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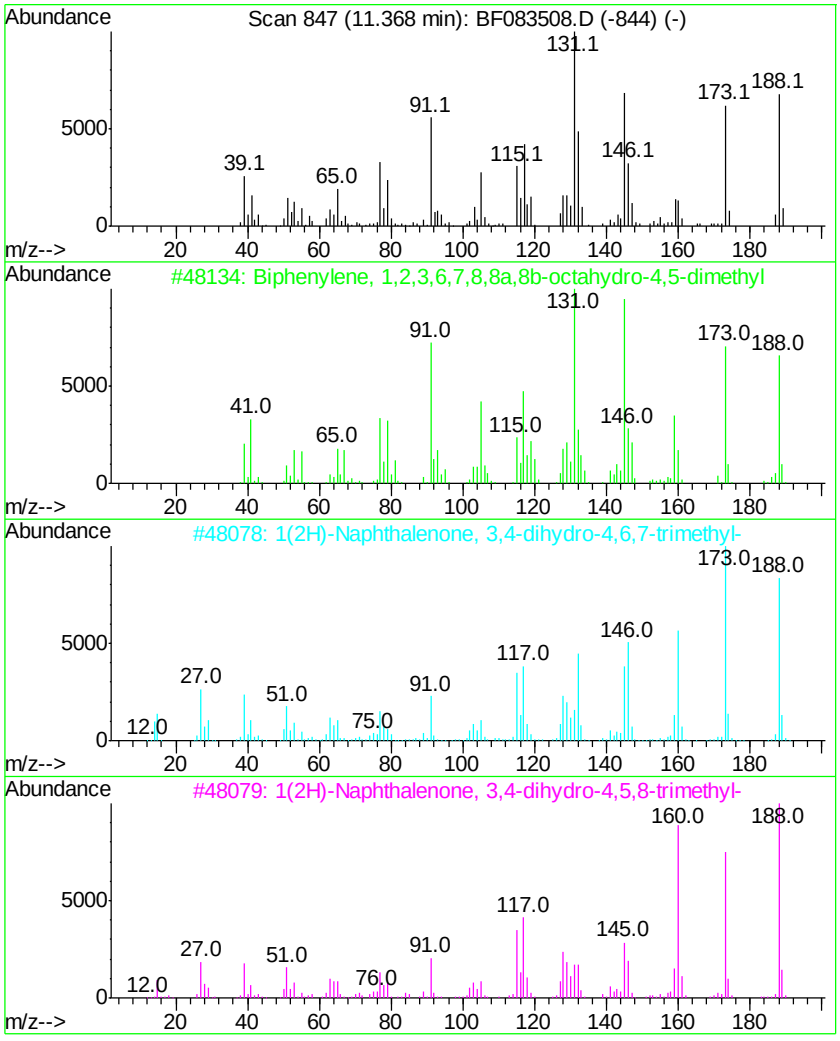
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

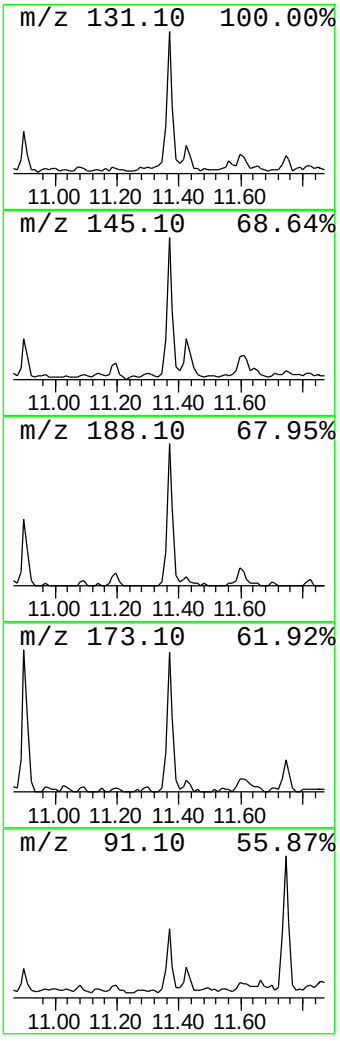
****

Peak Number 15 Biphenylene, 1,2,3,6,7,8,8a... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.33 ng	431325	Acenaphthene-d10	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188	C14H20	106988-87-8	93
2	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-32-6	70
3	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	010468-61-8	60
4	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	55
5	1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	55





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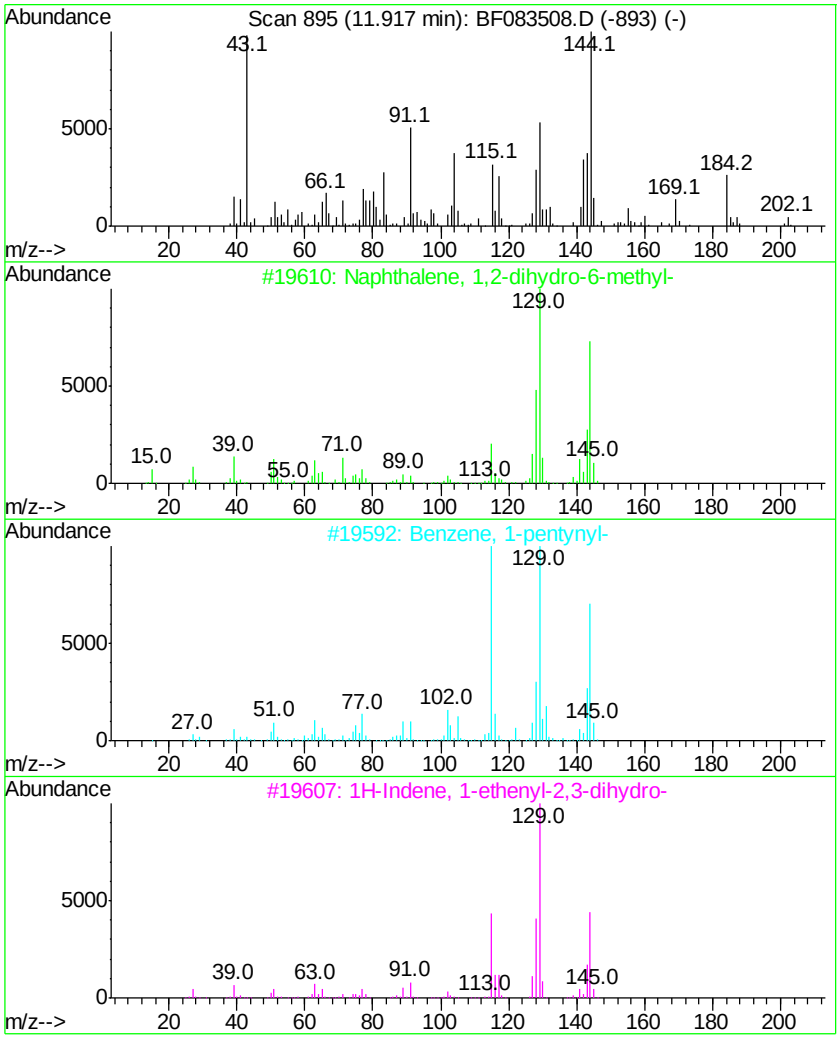
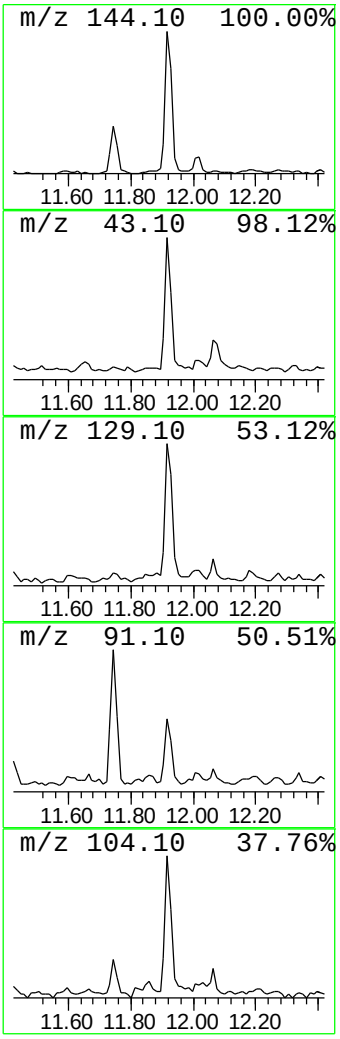
Peak Number 16 Naphthalene, 1,2-dihydro-6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.78 ng	482555	Phenanthrene-d10	12.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	60
2	Benzene, 1-pentynyl-	144	C11H12	004250-81-1	60
3	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	60
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	46
5	1,6-Naphthyridine, 4-methyl-	144	C9H8N2	007675-30-1	43





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ClientSampleId : 20151124MGP211BRV71

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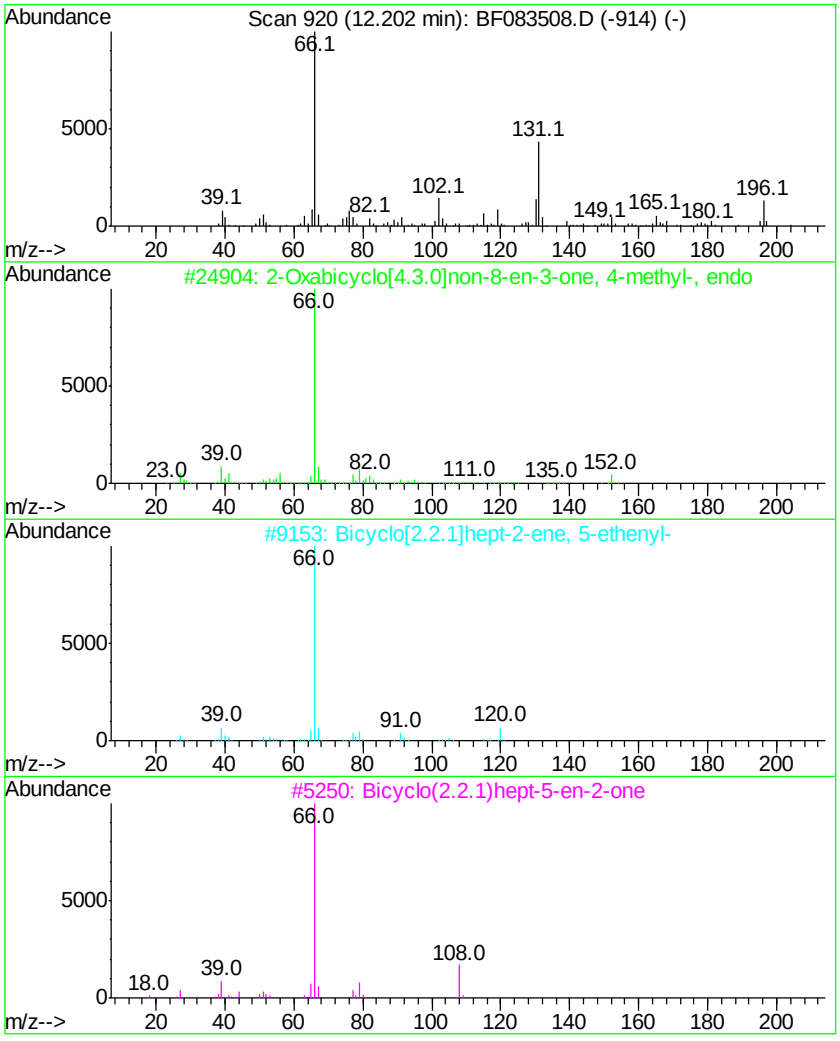
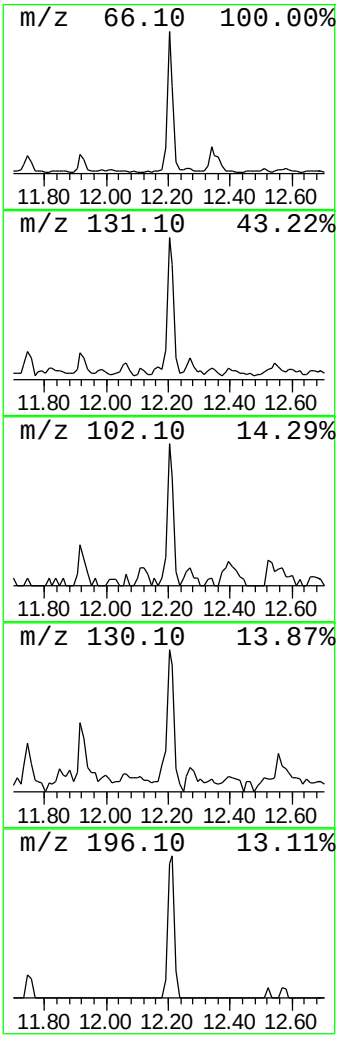
Peak Number 17 2-Oxabicyclo[4.3.0]non-8-en... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.42 ng	314679	Phenanthrene-d10	12.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxabicyclo[4.3.0]non-8-en-3-on...	152	C9H12O2	1000153-22-2	64
2	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	59
3	Bicyclo(2.2.1)hept-5-en-2-one	108	C7H8O	000694-98-4	59
4	5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	59
5	endo-Methylenetetrahydrophthalic...	182	C9H10O4	003853-88-1	59





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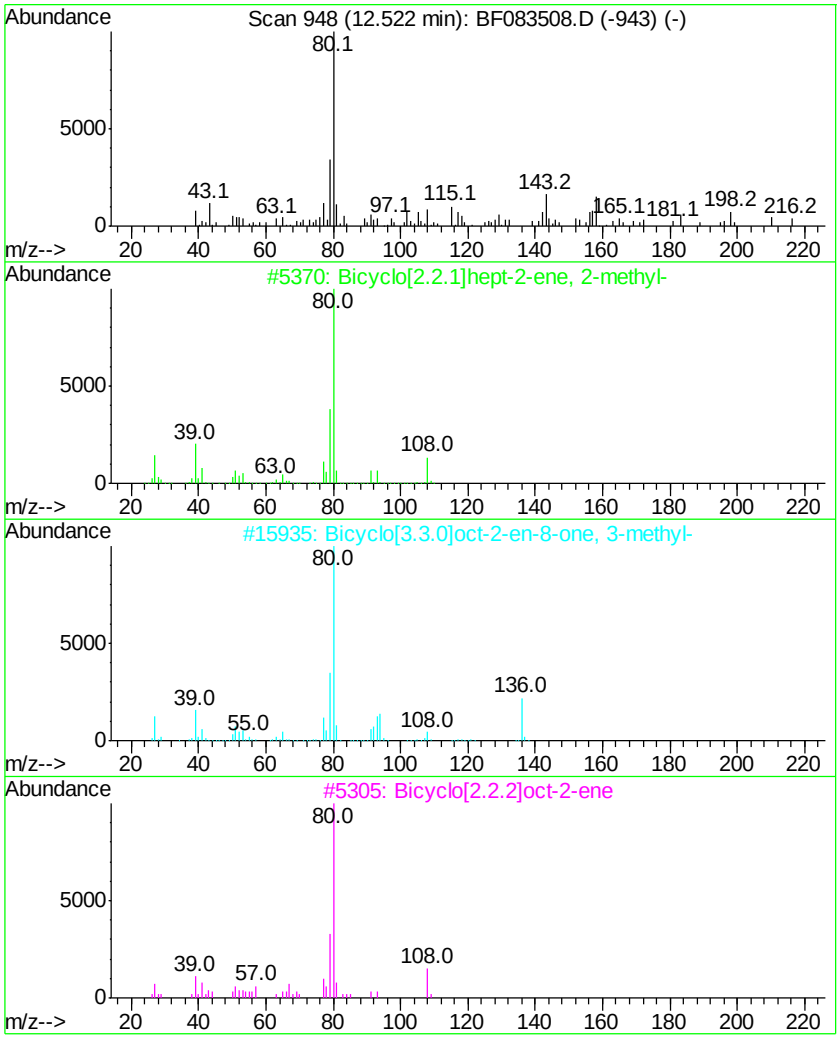
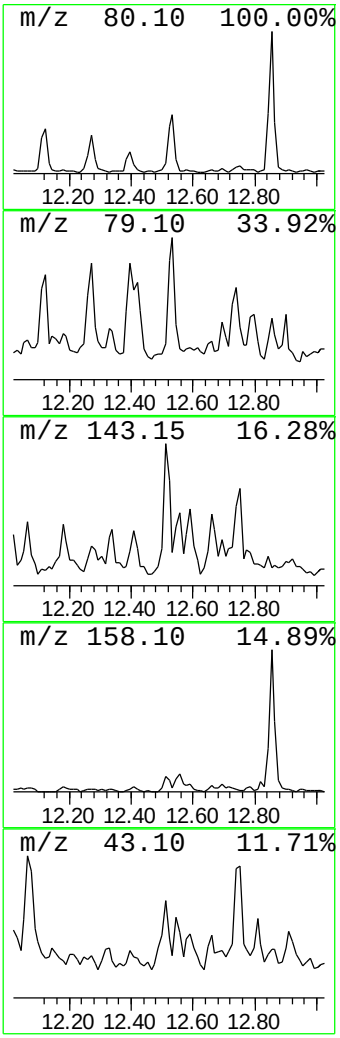
Peak Number 18 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.85 ng	274046	Phenanthrene-d10	12.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	80
2	Bicyclo[3.3.0]oct-2-en-8-one, 3-...	136	C9H12O	1000155-39-2	72
3	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	72
4	1,2,4a,4b,7,8,8a,8b-Octahydrobip...	160	C12H16	062357-80-6	56
5	3-Pyridinemethanamine	108	C6H8N2	003731-52-0	56





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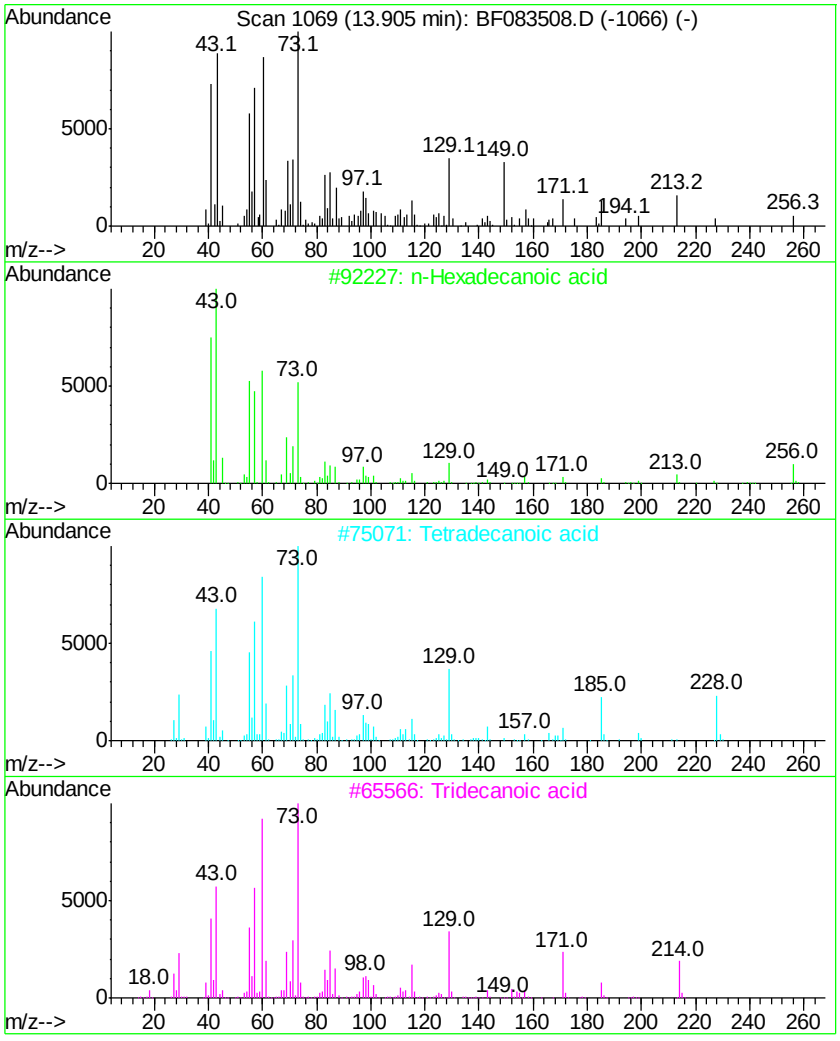
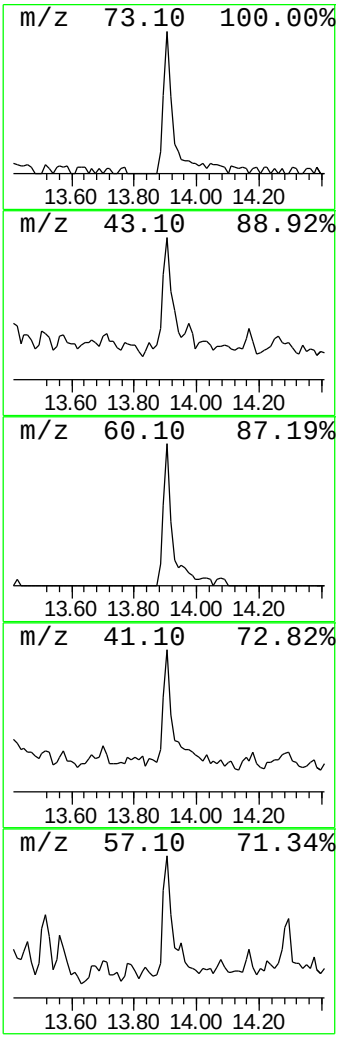
Peak Number 19 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.39 ng	241406	Phenanthrene-d10	12.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

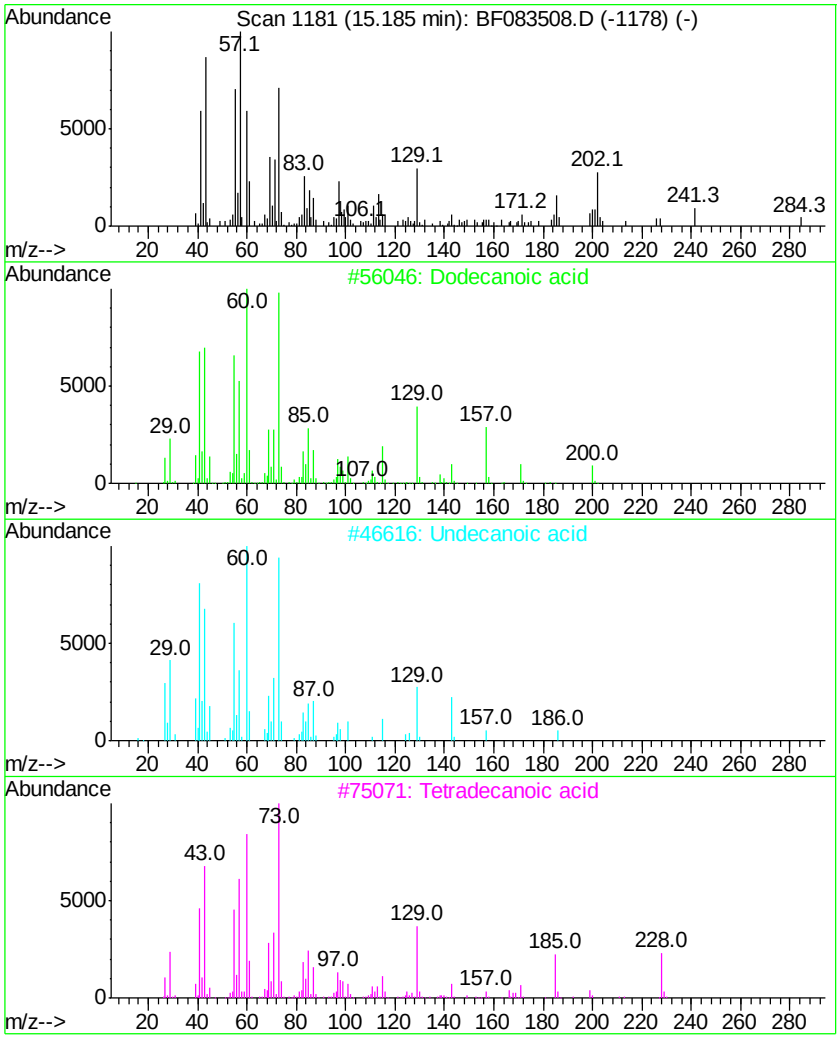
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

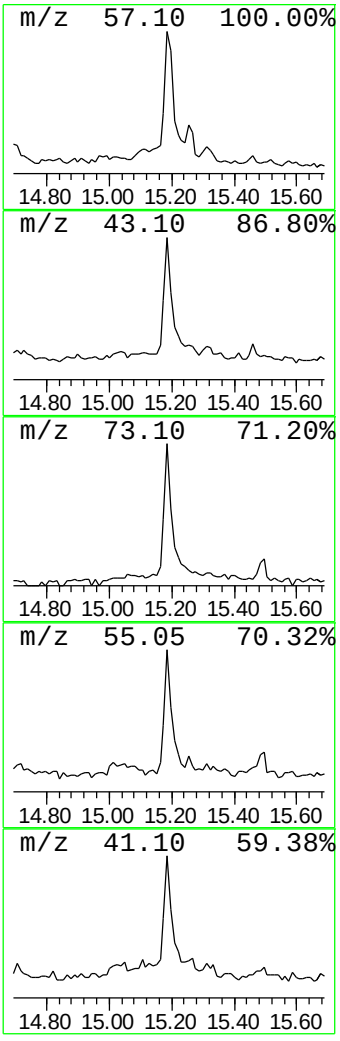
****

Peak Number 20 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.75 ng	244049	Chrysene-d12	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	60
2	Undecanoic acid	186	C11H22O2	000112-37-8	46
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083508.D
Acq On : 5 Dec 2015 11:59
Operator : UM/IZ
Sample : G4595-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151124MGP211BRV71

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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...	3.58	7.3	ng	353801	1	5.77	962827	20.0
4,7-Methano-1H-in...	5.93	14.6	ng	700698	1	5.77	962827	20.0
Benzene, 1-propynyl-	6.13	4.4	ng	212962	1	5.77	962827	20.0
2-Norbornene	6.66	5.1	ng	243827	1	5.77	962827	20.0
Bicyclo[2.2.2]oct...	6.68	4.0	ng	190153	1	5.77	962827	20.0
1-Penten-3-yne, 2...	7.29	6.1	ng	395283	2	7.66	1292470	20.0
Bicyclo[2.2.1]hep...	8.53	3.4	ng	222608	2	7.66	1292470	20.0
unknown9.01	9.01	9.6	ng	619015	2	7.66	1292470	20.0
5-Phenylbicyclo[2...	9.65	4.0	ng	403220	3	10.45	1990980	20.0
Biphenylene, 1,2,...	11.37	4.3	ng	431325	3	10.45	1990980	20.0
Naphthalene, 1,2-...	11.92	6.8	ng	482555	4	12.85	1422960	20.0
2-Oxabicyclo[4.3....	12.20	4.4	ng	314679	4	12.85	1422960	20.0
Bicyclo[2.2.1]hep...	12.52	3.9	ng	274046	4	12.85	1422960	20.0
n-Hexadecanoic acid	13.91	3.4	ng	241406	4	12.85	1422960	20.0
Dodecanoic acid	15.19	3.8	ng	244049	5	17.05	1301300	20.0