LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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-BF122116.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	4.667	251	252	262	rVB	647040	1059698	11.58%	0.682%
2	5.147	292	294	303	rBV	2477192	3167177	34.60%	2.039%
3	5.536	323	328	331	rBV3	37308	101787	1.11%	0.066%
4	5.673	338	340	343	rBV	65979	93367	1.02%	0.060%
5	6.222	386	388	393	rBV2	1310144	2063226	22.54%	1.328%
6	6.336	395	398	400	rBV	5479306	5557463	60.72%	3.577%
7	6.564	416	418	420	rBV	990585	1232572	13.47%	0.793%
8	6.713	429	431	436	rBV	4152347	5526013	60.38%	3.557%
9	6.816	438	440	443	rVB	694028	731478	7.99%	0.471%
10	6.907	444	448	450	rBV	626829	896956	9.80%	0.577%
11	6.953	450	452	454	rBV2	108506	123927	1.35%	0.080%
12	7.136	463	468	471	rBV2	4014210	5865623	64.09%	3.775%
13	7.216	474	475	477	rVB2	198963	179604	1.96%	0.116%
14	7.262	477	479	480	rVB	322592	358863	3.92%	0.231%
15	7.342	482	486	489	rVB	1628860	1714965	18.74%	1.104%
16	7.467	495	497	498	rBV	176338	220048	2.40%	0.142%
17	7.525	498	502	505	rVB3	560159	1311349	14.33%	0.844%
18	7.593	505	508	510	rBV	2810928	3119800	34.09%	2.008%
19	7.685	513	516	518	rBV2	571898	787420	8.60%	0.507%
20	7.730	518	520	522	rVB	151727	161679	1.77%	0.104%
21	7.787	523	525	527	rBV2	495458	524284	5.73%	0.337%
22	7.845	527	530	534	rBV2	2140051	3294705	36.00%	2.121%
23	7.902	534	535	537	rVB2	775925	663729	7.25%	0.427%
24	7.947	537	539	541	rVB2	300145	297684	3.25%	0.192%
25	7.982	541	542	543	rBV	177341	138581	1.51%	0.089%
26	8.016	543	545	546	rBV	110142	120437	1.32%	0.078%
27	8.050	546	548	550	rVB3	592493	572139	6.25%	0.368%
28	8.096	550	552	553	rBV	575590	454156	4.96%	0.292%
29	8.130	553	555	558	rBV	1355402	2115707	23.12%	1.362%
30	8.188	558	560	562	rBV2	295611	320518	3.50%	0.206%
31	8.233	562	564	566	rVB2	353278	523013	5.71%	0.337%
32	8.325	566	572	573	rBV	578181	1057356	11.55%	0.681%
33	8.359	573	575	576	rBV2	268783	270184	2.95%	0.174%
34	8.382	576	577	579	rBV	742297	601507	6.57%	0.387%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.450	581	583	584	rBV2	187078	263821	2.88%	0.170%
36	8.508	586	588	590	rVB2	1435063	1875940	20.50%	1.207%
37	8.542	590	591	595	rVB4	179338	259109	2.83%	0.167%
38	8.599	595	596	597	rBV	141160	154568	1.69%	0.099%
39	8.656	597	601	608	rBV2	2086354	3737238	40.83%	2.405%
40	8.770	608	611	612	rBV2	413409	502822	5.49%	0.324%
41	8.805	612	614	616	rVB	730731	833108	9.10%	0.536%
42	8.850	616	618	620	rBV	963638	1312698	14.34%	0.845%
43	8.930	622	625	627	rBV	6481476	6728027	73.51%	4.330%
44	8.965	627	628	631	rVB	1083022	1307257	14.28%	0.841%
45	9.045	633	635	637	rBV2	1866241	2055780	22.46%	1.323%
46	9.102	637	640	641	rBV2	364707	379526	4.15%	0.244%
47	9.148	643	644	645	rVB	480709	329766	3.60%	0.212%
48	9.193	645	648	649	rBV3	837124	1383129	15.11%	0.890%
49	9.273	649	655	659	rVB3	3447216	9152770	100.00%	5.891%
50	9.365	659	663	664	rBV2	1533383	3005363	32.84%	1.934%
51	9.456	669	671	673	rBV	571648	513573	5.61%	0.331%
52	9.513	673	676	677	rBV	1813106	1636934	17.88%	1.054%
53	9.571	679	681	682	rVB	3046291	3112108	34.00%	2.003%
54	9.605	682	684	688	rVB4	2923801	4441551	48.53%	2.859%
55	9.685	688	691	693	rBV2	3039943	3881210	42.40%	2.498%
56	9.731	693	695	696	rBV	918521	897383	9.80%	0.578%
57	9.776	696	699	701	rBV3	2451048	3360231	36.71%	2.163%
58	9.868	706	707	708	rVV	602071	801476	8.76%	0.516%
59	9.913	708	711	713	rVV3	2339830	4195006	45.83%	2.700%
60	9.948	713	714	715	rVV	1228714	1612441	17.62%	1.038%
61	9.982	715	717	720	rVV2	3001495	4217893	46.08%	2.715%
62	10.039	720	722	723	rVV	1332864	1681997	18.38%	1.083%
63	10.108	725	728	730	rVV3	2148318	5756694	62.90%	3.705%
64	10.142	730	731	736	rVV3	1967438	3957315	43.24%	2.547%
65	10.233	736	739	743	rVV5	831329	2719214	29.71%	1.750%
66	10.291	743	744	746	rVV2	568843	863356	9.43%	0.556%
67	10.348	746	749	750	rVV2	982176	2152957	23.52%	1.386%
68	10.393	750	753	755	rVV3	3817366	5977774	65.31%	3.848%
69	10.451	755	758	759	rVV2	1085021	2246370	24.54%	1.446%
70	10.473	759	760	762	rVV2	1625840	1921036	20.99%	1.236%
71	10.519	763	764	767	rVV	682695	1245683	13.61%	0.802%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.565	767	768	770	rVV2	530134	964157	10.53%	0.621%
73	10.611	770	772	776	rVV3	491424	1148258	12.55%	0.739%
74	10.679	776	778	779	rVV2	190474	315797	3.45%	0.203%
75	10.713	779	781	782	rVV	209937	348945	3.81%	0.225%
76	10.736	782	783	786	rVV3	441243	843626	9.22%	0.543%
77	10.794	786	788	793	rVB2	337878	777381	8.49%	0.500%
78	10.885	794	796	799	rBV4	191363	300535	3.28%	0.193%
79	10.954	800	802	805	rVB3	130497	264446	2.89%	0.170%
80	11.068	810	812	814	rVV2	1489931	1806641	19.74%	1.163%
81	11.114	814	816	820	rVB5	98206	196624	2.15%	0.127%
82	11.182	820	822	824	rBV2	88121	140909	1.54%	0.091%
83	11.422	841	843	846	rVB3	88144	173296	1.89%	0.112%
84	11.479	846	848	850	rBV2	76972	92842	1.01%	0.060%
85	11.571	854	856	858	rVB	106295	115013	1.26%	0.074%
86	11.628	859	861	871	rVB4	422263	708885	7.75%	0.456%
87	11.856	879	881	884	rVB4	118466	141371	1.54%	0.091%
88	11.982	888	892	895	rVB5	35500	97797	1.07%	0.063%
89	12.405	927	929	931	rBV	230550	257600	2.81%	0.166%
90	12.657	948	951	954	rBV	5095674	7021514	76.71%	4.519%
91	12.988	978	980	982	rBV	94200	96950	1.06%	0.062%
92	13.571	1029	1031	1037	rBV	131069	224304	2.45%	0.144%
93	13.697	1039	1042	1045	rBV	1957347	1956021	21.37%	1.259%
94	14.542	1114	1116	1120	rBV	121486	117382	1.28%	0.076%
95	15.045	1157	1160	1163	rBV	1242638	1464473	16.00%	0.943%
96	15.857	1228	1231	1237	rVB2	43668	92501	1.01%	0.060%

Sum of corrected areas: 155367407

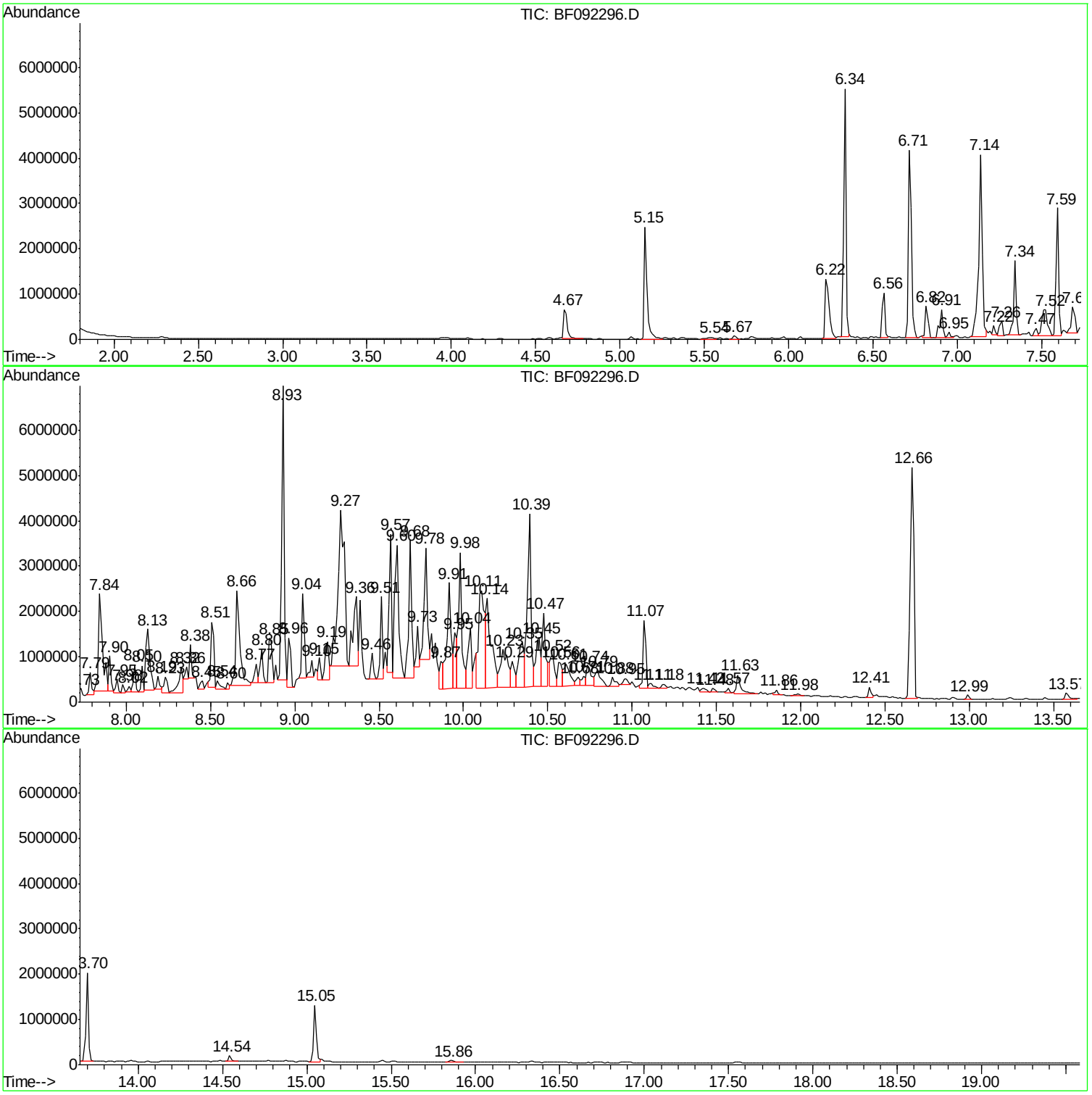
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

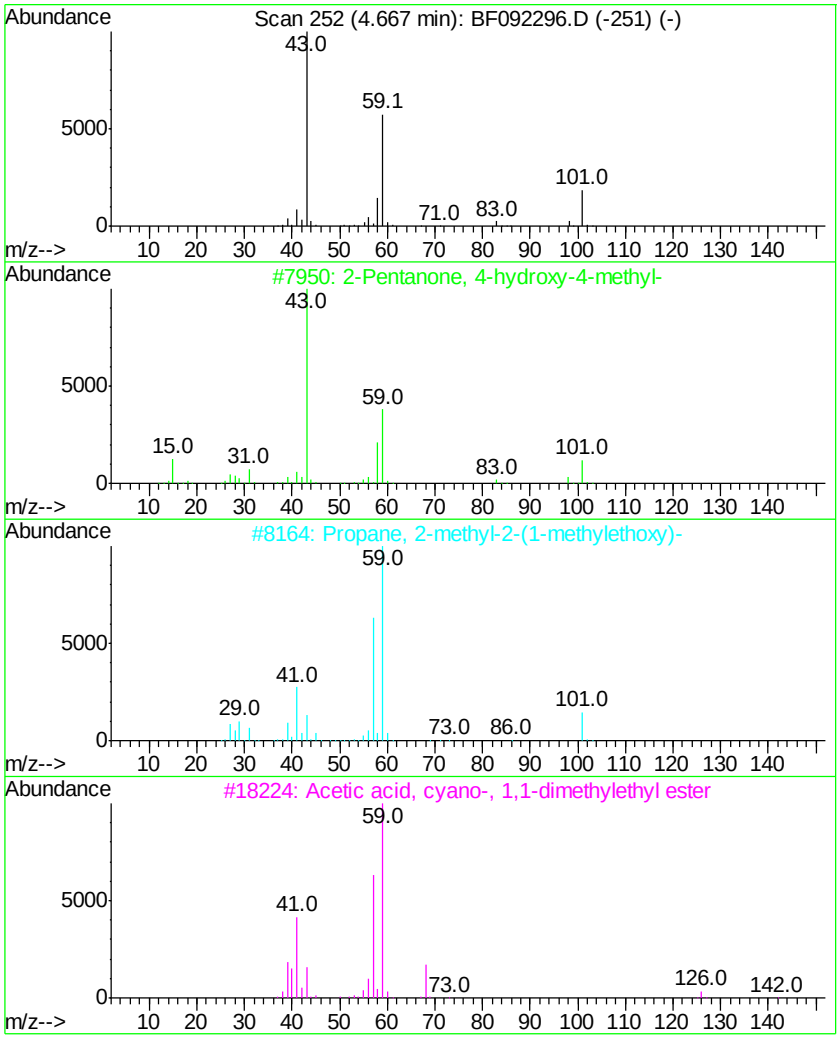
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

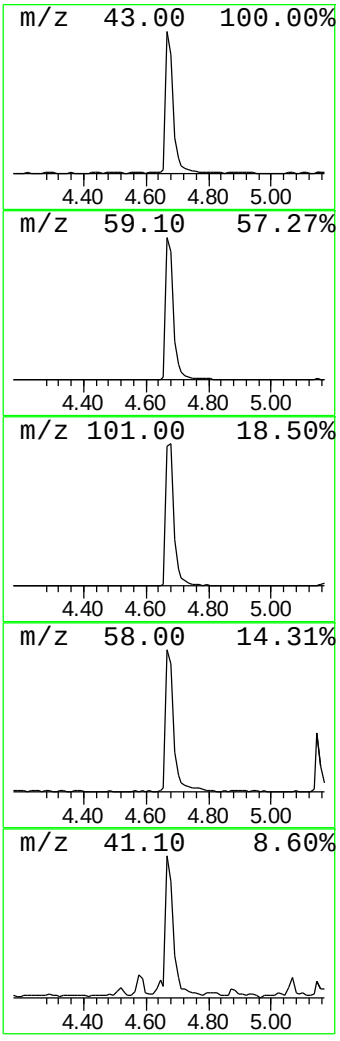
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	17.19 ng	1059700	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

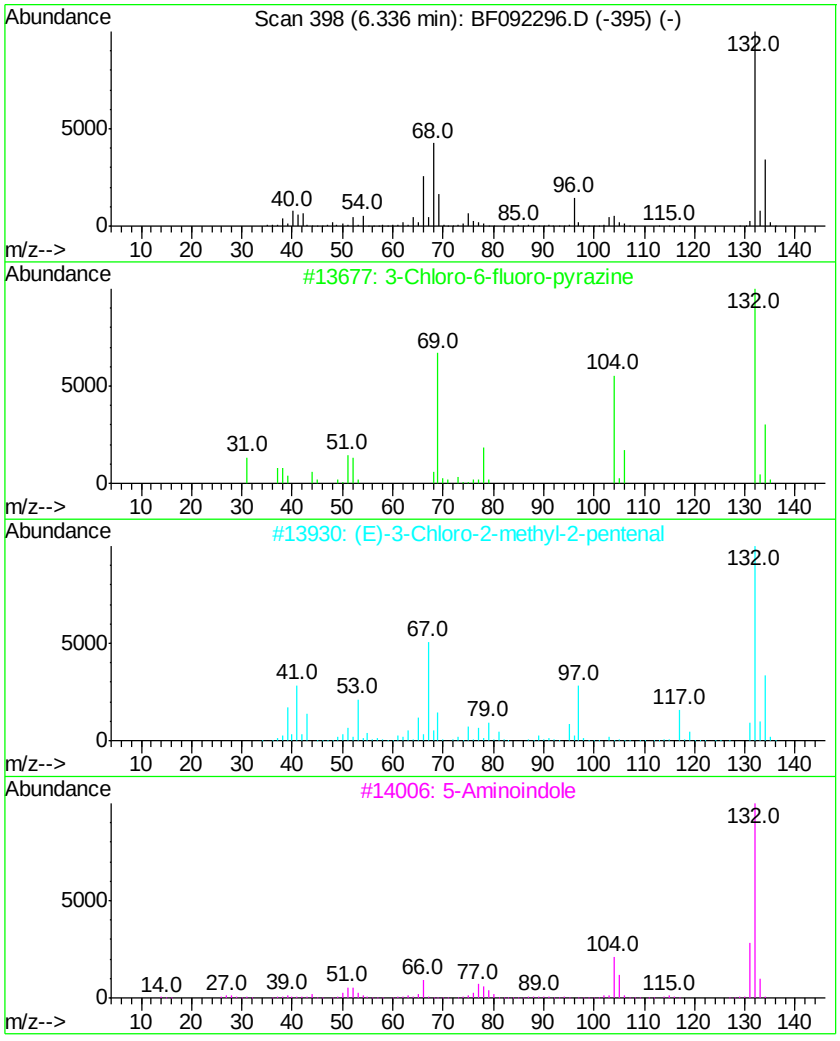
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

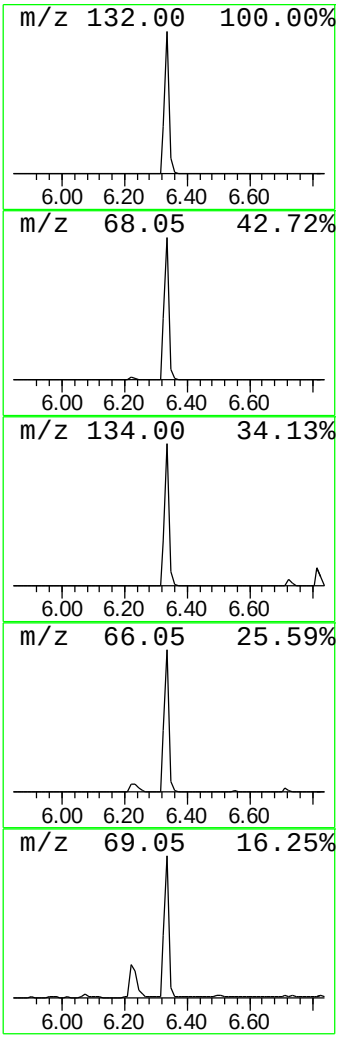
****

Peak Number 2 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	90.18 ng	5557460	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

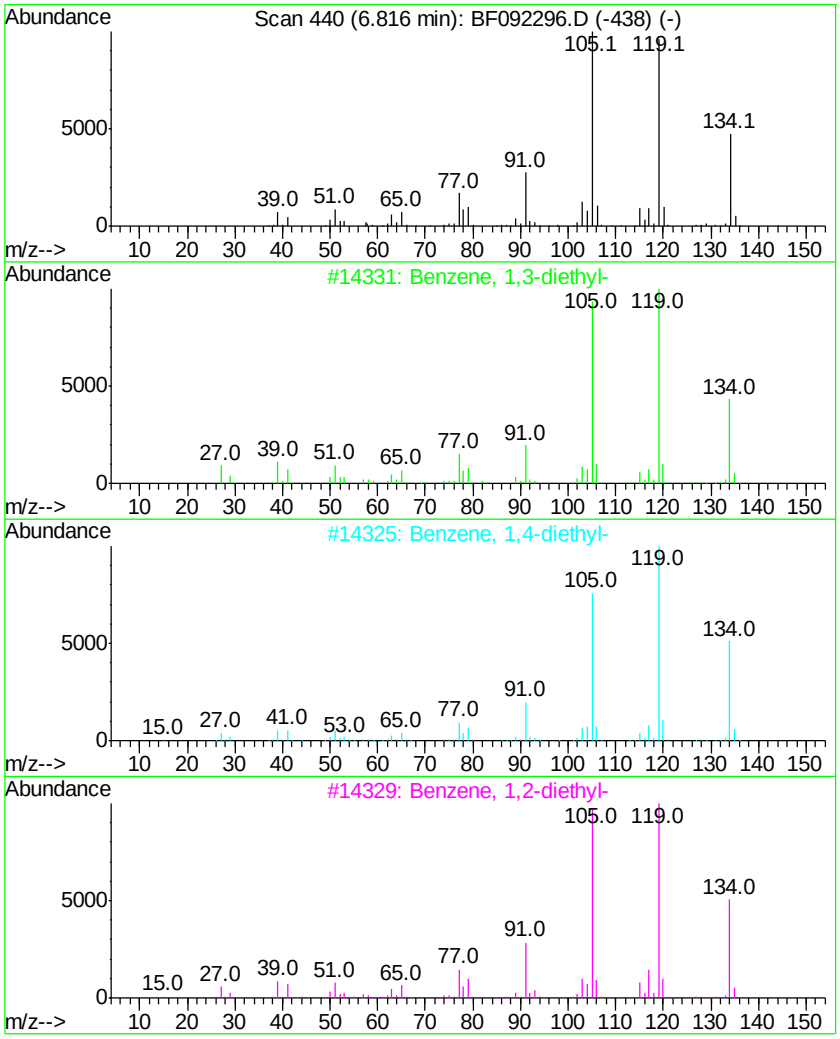
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

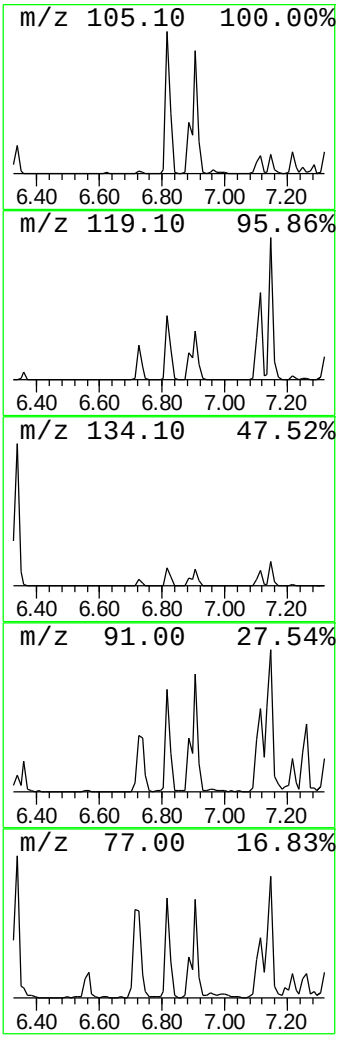
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	11.87 ng	731478	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

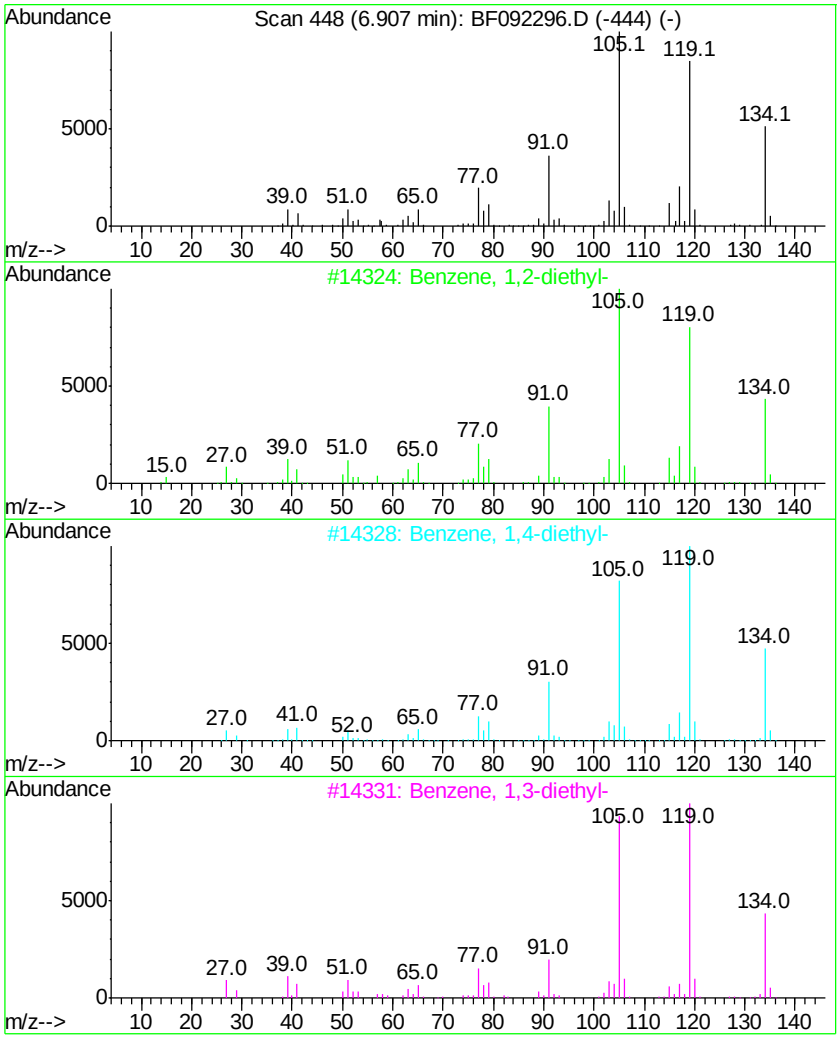
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

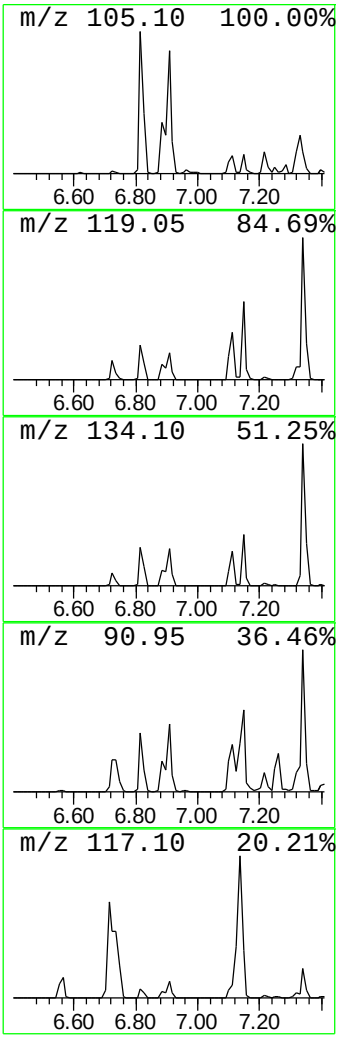
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	14.55 ng	896956	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

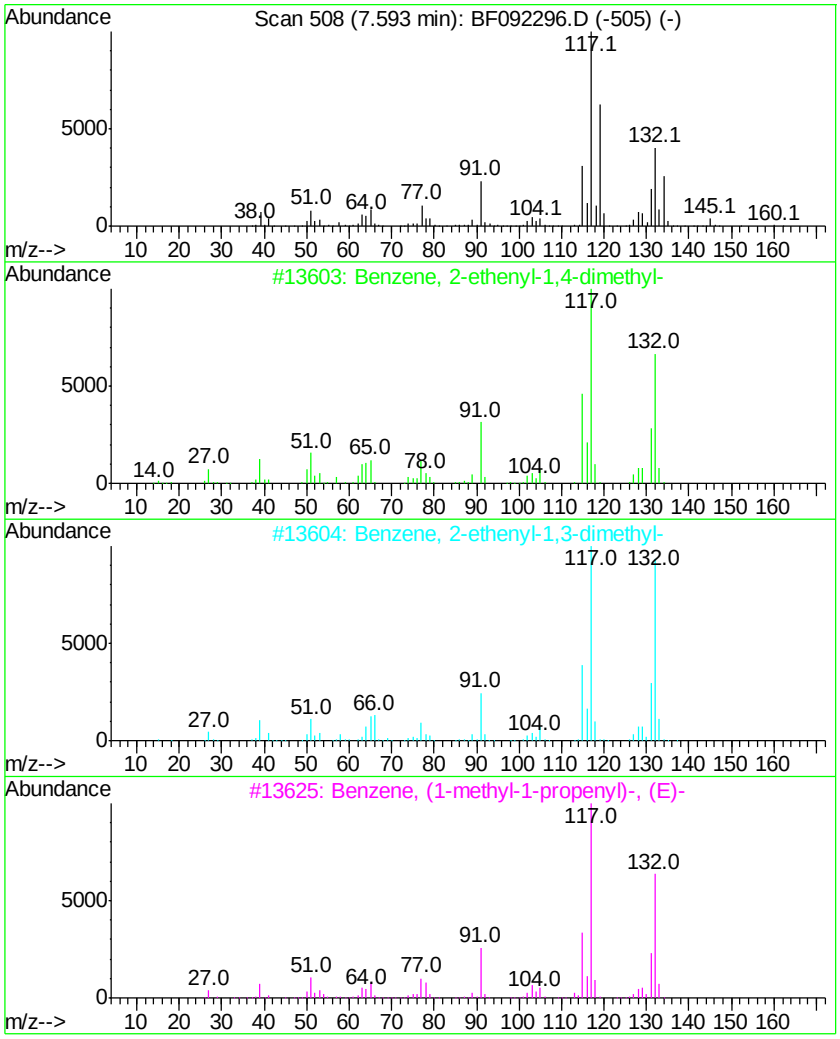
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

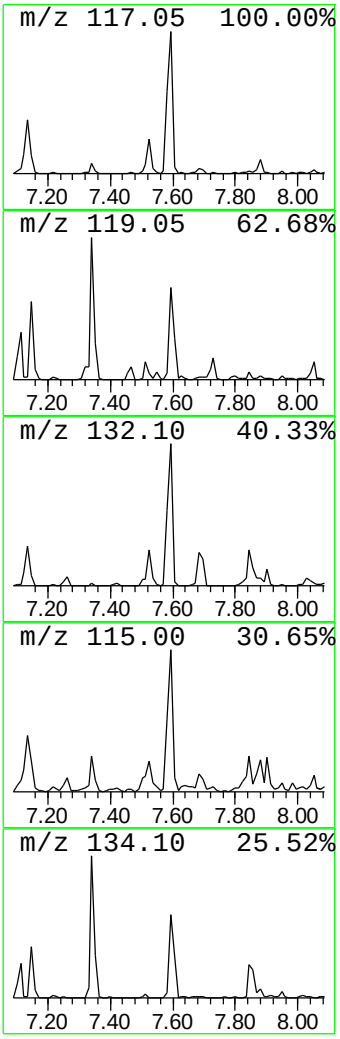
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	18.94 ng	3119800	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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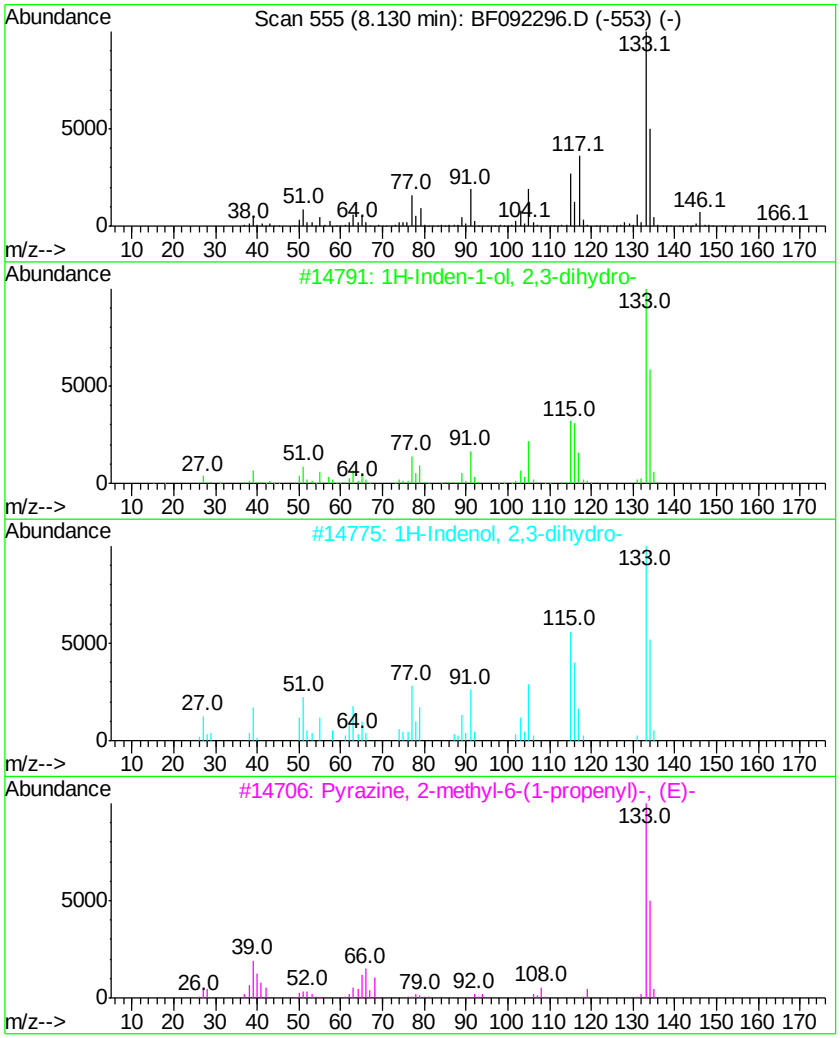
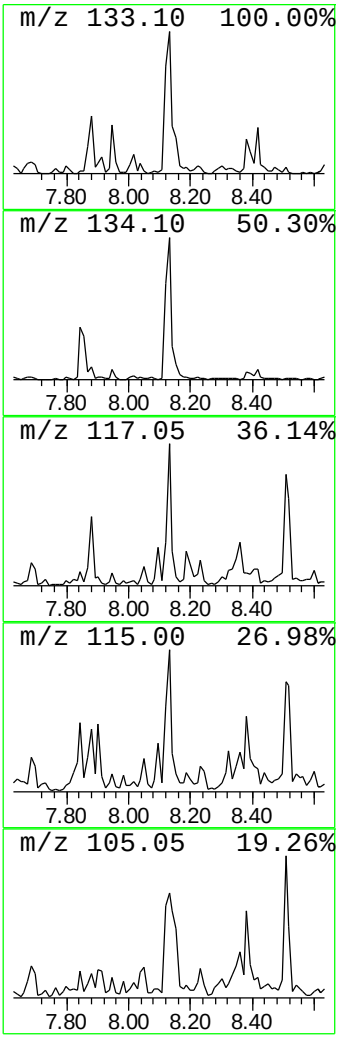
Peak Number 7 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	12.84 ng	2115710	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	80
2	1H-Indenol, 2,3-dihydro-	134	C9H10O	036643-74-0	59
3	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	49
4	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	47
5	1-methyl-1-indanol	148	C10H12O	064666-42-8	47





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Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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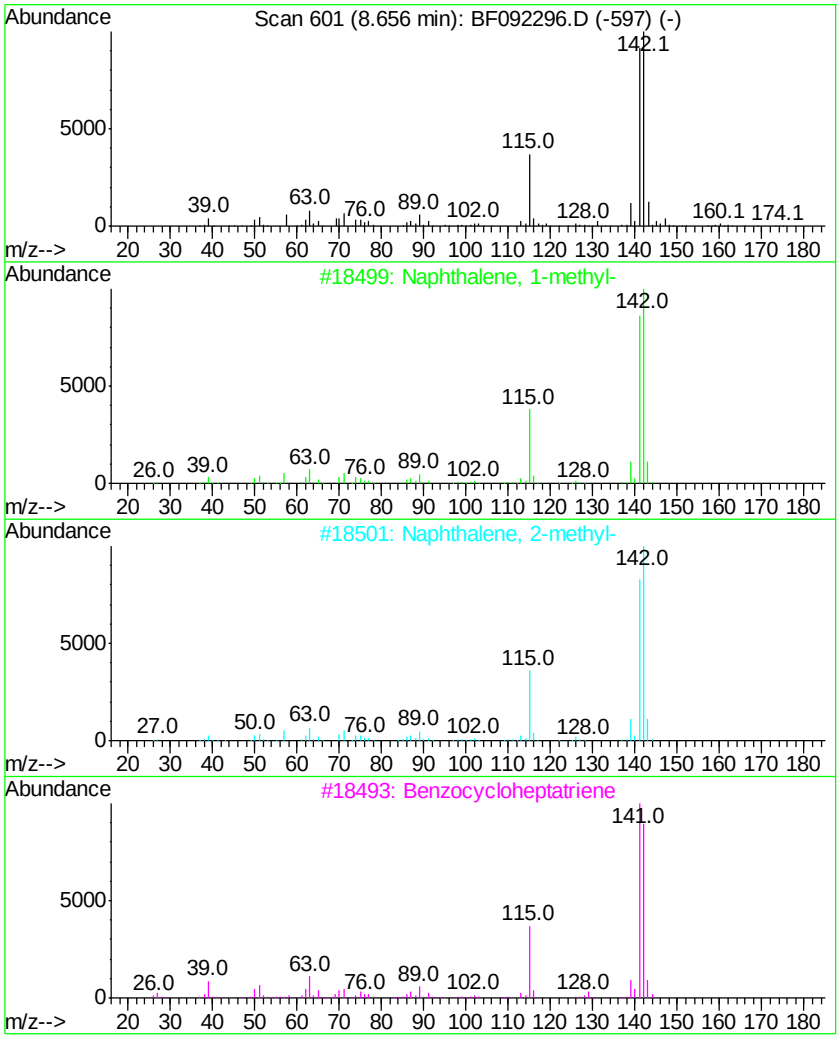
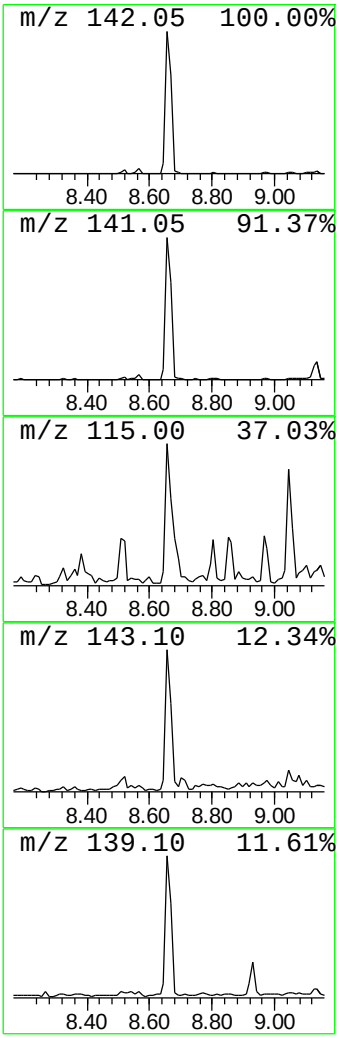
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	22.69 ng	3737240	Naphthalene-d8	7.84

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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

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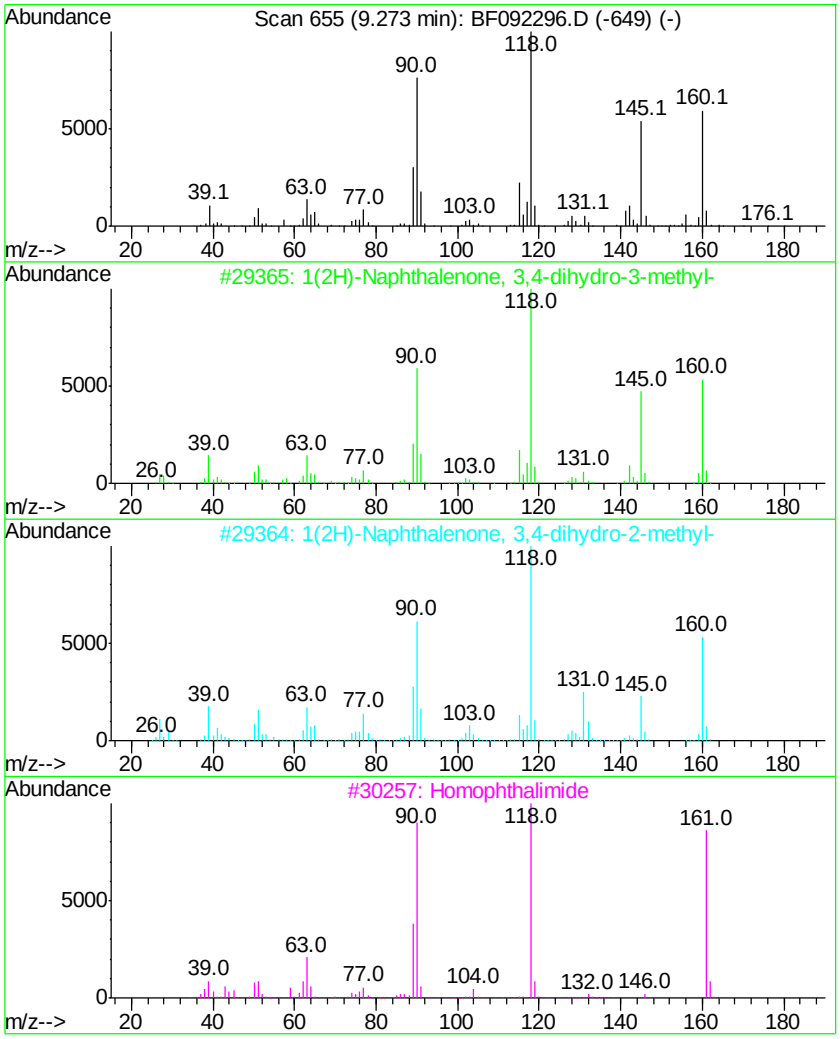
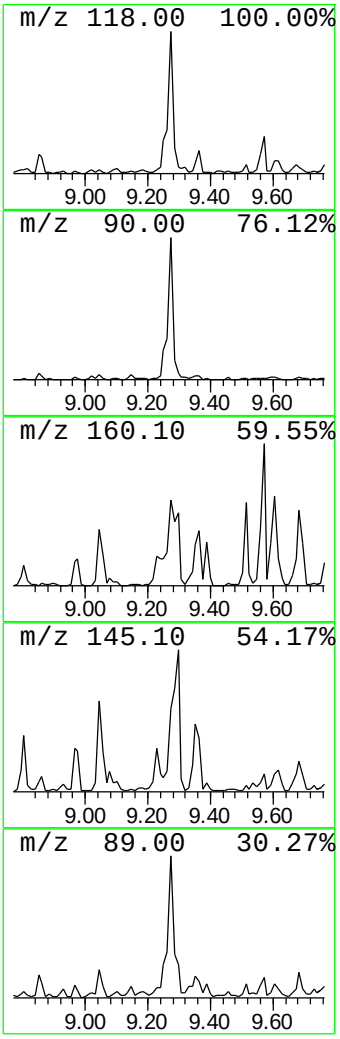
Peak Number 9 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	41.21 ng	9152770	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	96
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	Homophthalimide	161	C9H7NO2	004456-77-3	68
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	42





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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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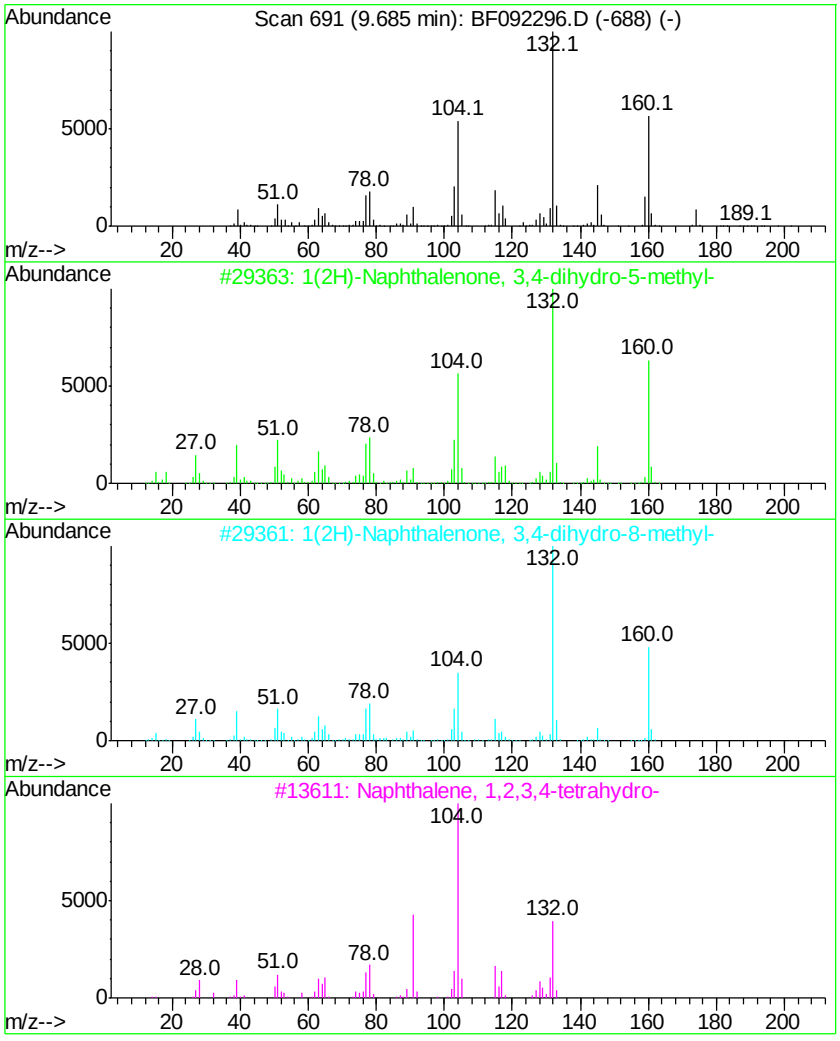
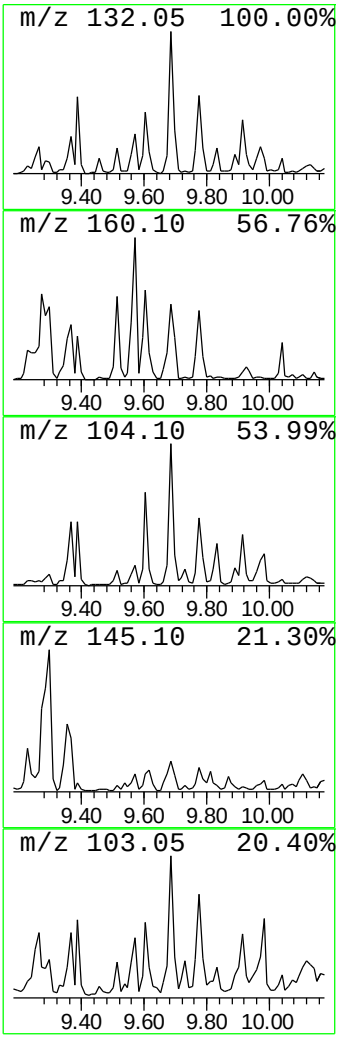
Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	17.48 ng	3881210	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	93
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
4	1-Benzosuberone	160	C11H12O	000826-73-3	49
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	47





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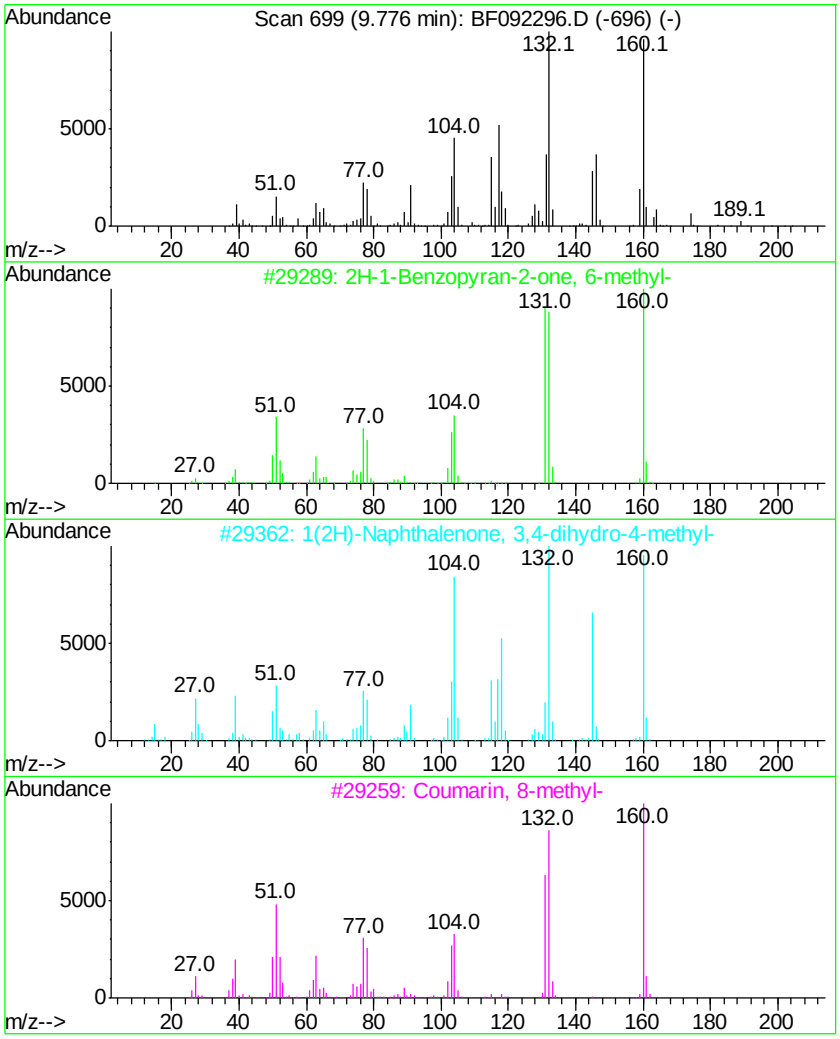
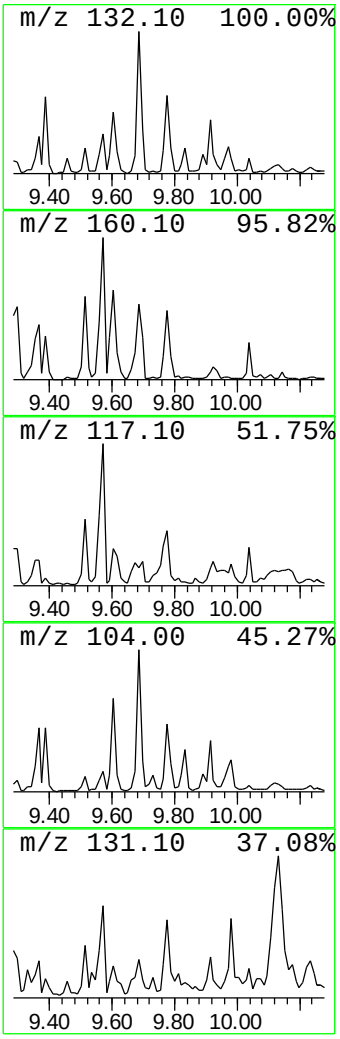
Peak Number 11 2H-1-Benzopyran-2-one, 6-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	15.13 ng	3360230	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	53
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	53
3	Coumarin, 8-methyl-	160	C10H8O2	001807-36-9	53
4	4-Hydroxy-6-methyl-1,5-naphthyri...	160	C9H8N2O	023443-24-5	49
5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	46





Library Search Compound Report

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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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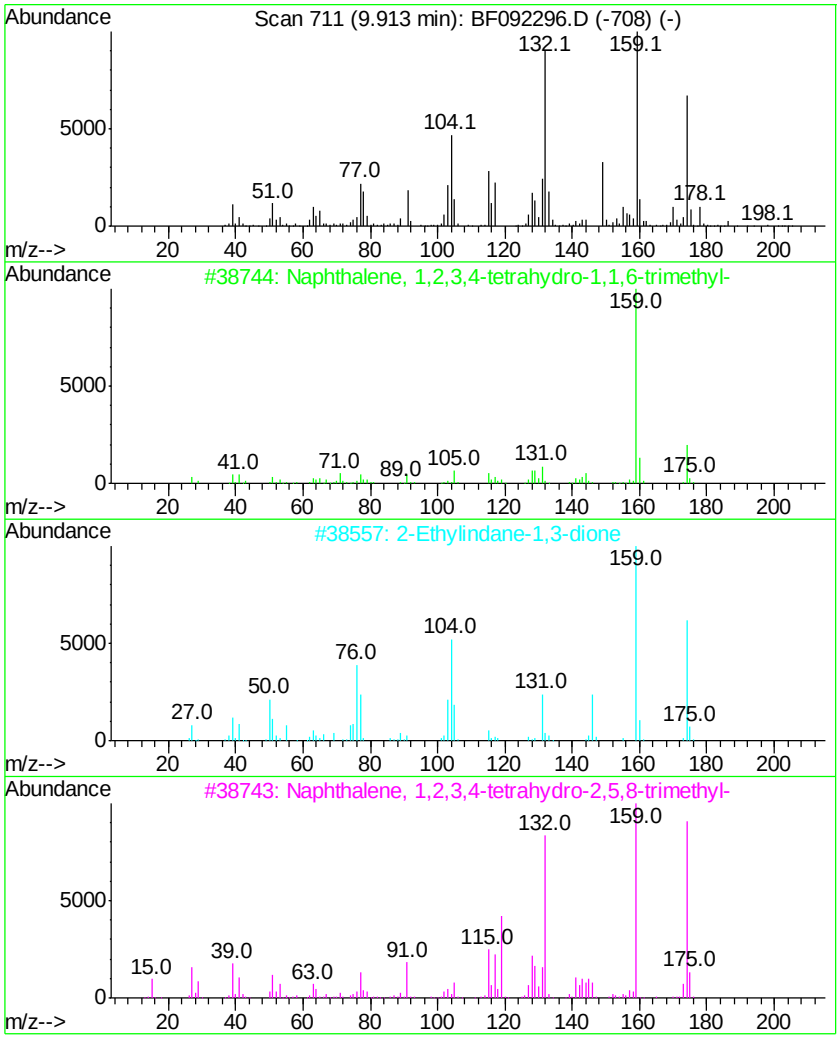
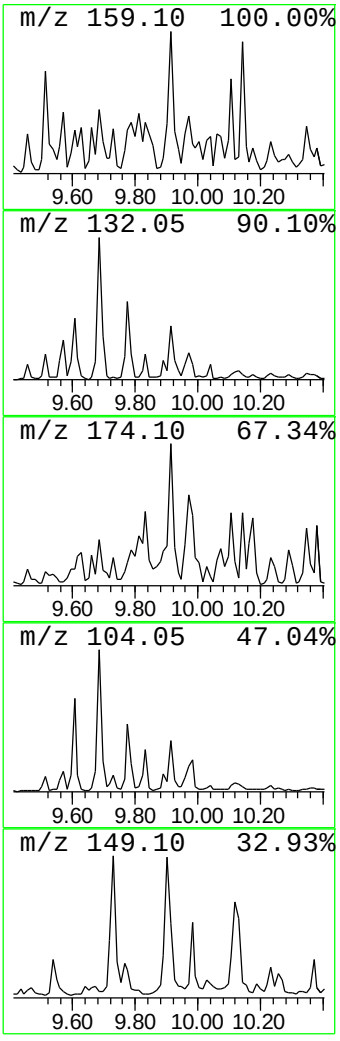
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	18.89 ng	4195010	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	83
2	2-Ethylindane-1,3-dione	174	C11H10O2	027606-61-7	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	58
4	1(3H)-Isobenzofuranone, 3-propyl...	174	C11H10O2	017369-59-4	53
5	2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	49





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Instrument : BNA_F
ClientSampleId : W-38

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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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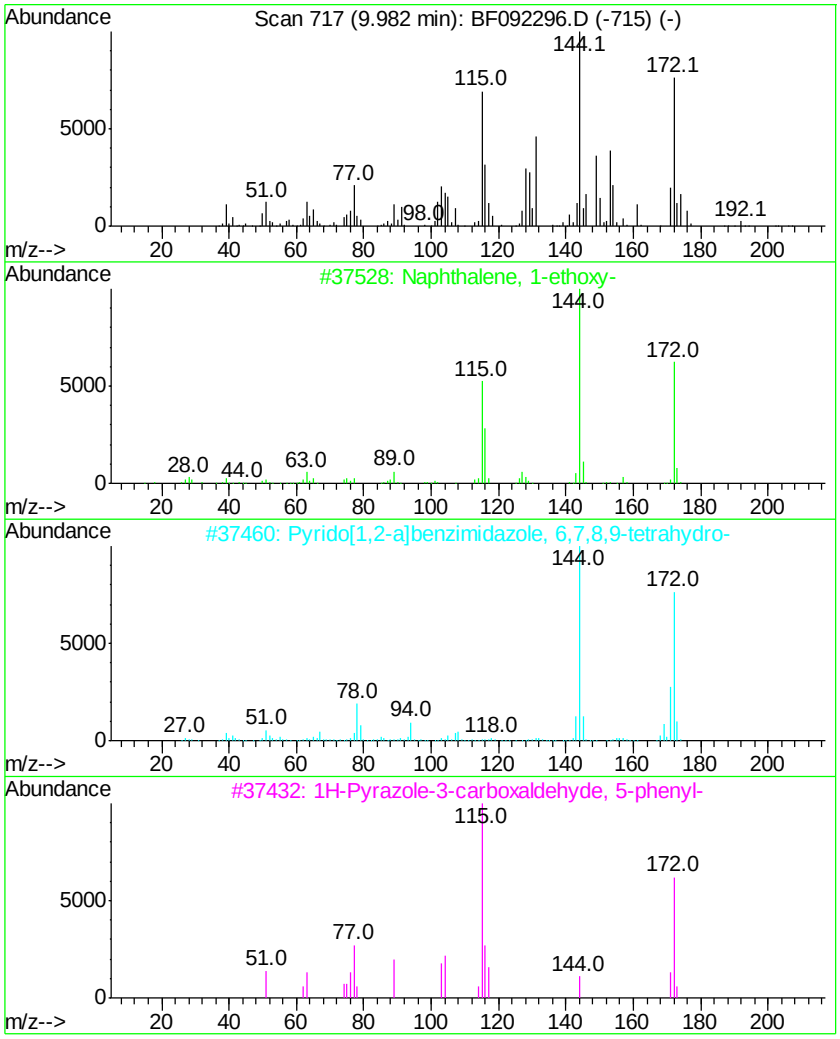
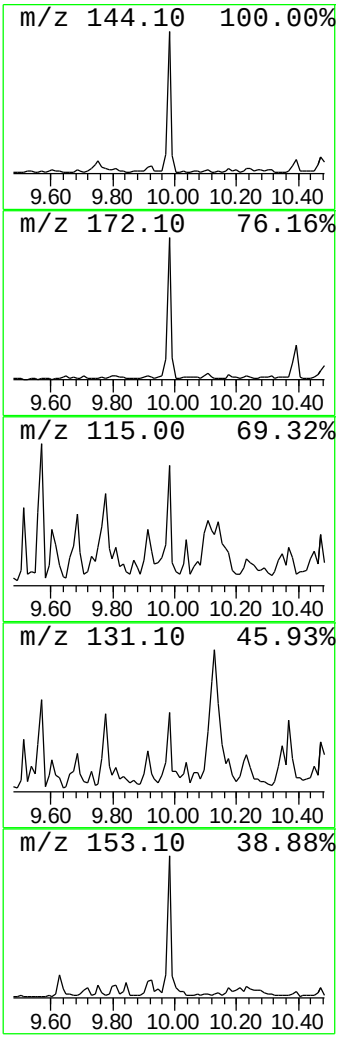
Peak Number 13 Naphthalene, 1-ethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	18.99 ng	4217890	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethoxy-	172	C12H12O	005328-01-8	50
2	Pyrido[1,2-a]benzimidazole, 6,7,...	172	C11H12N2	038303-26-3	43
3	1H-Pyrazole-3-carboxaldehyde, 5-...	172	C10H8N2O	057204-65-6	35
4	Furan, 3-phenyl-	144	C10H8O	013679-41-9	25
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	25





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

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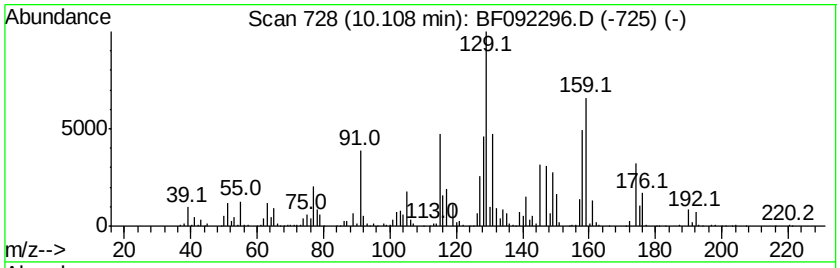
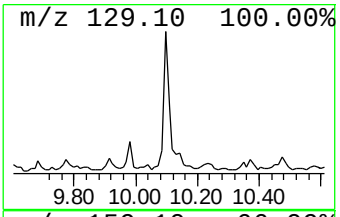
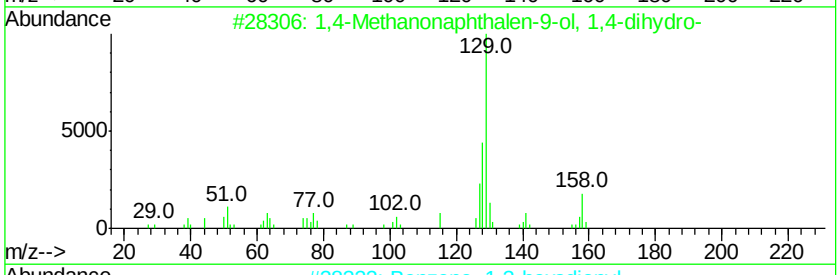
Peak Number 14 1,4-Methanonaphthalen-9-ol,... Concentration Rank 4

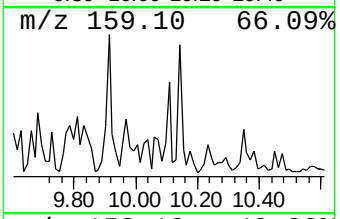
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	25.92 ng	5756690	Acenaphthene-d10	9.59

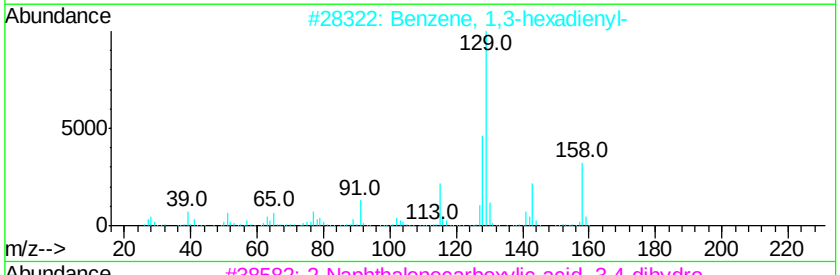
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	55
2	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	43
3	2-Naphthalenecarboxylic acid, 3,...	174	C11H10O2	022440-38-6	41
4	2-Naphthalenemethanol	158	C11H10O	001592-38-7	35
5	1-Naphthalenemethanol	158	C11H10O	004780-79-4	30

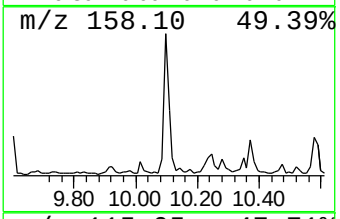


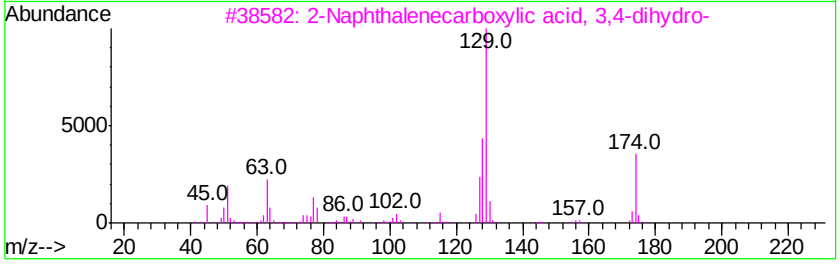


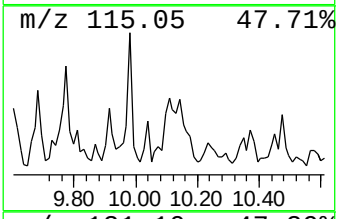


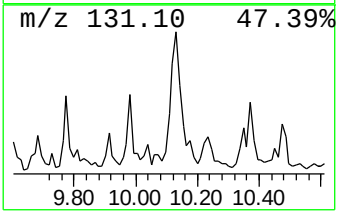












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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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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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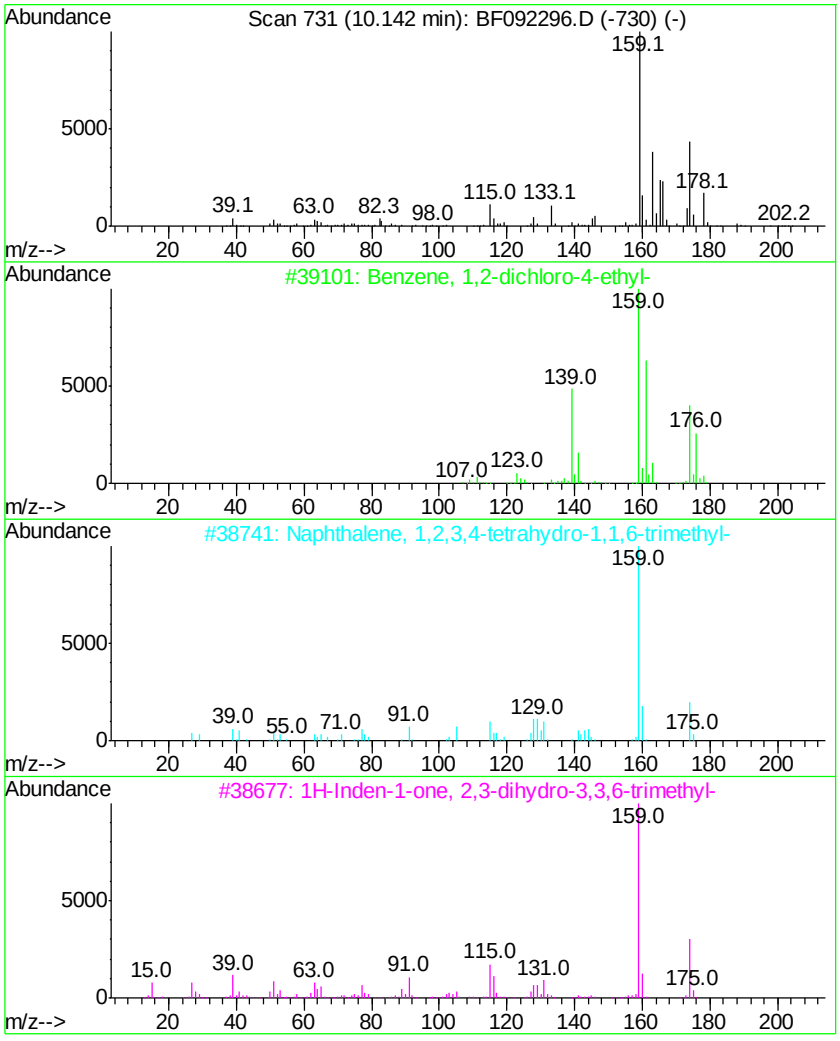
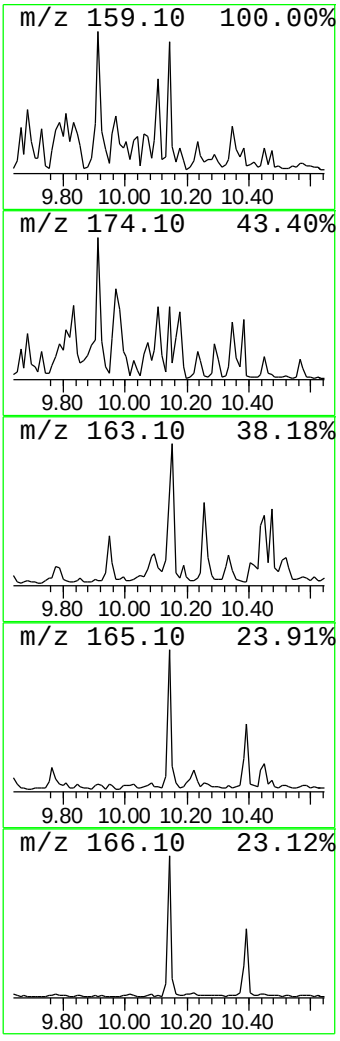
Peak Number 15 unknown10.14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	17.82 ng	3957320	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-ethyl-	174	C8H8Cl2	006623-59-2	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	45
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	37
4	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	37
5	2,3,6-Trifluoroacetophenone	174	C8H5F3O	208173-22-2	32





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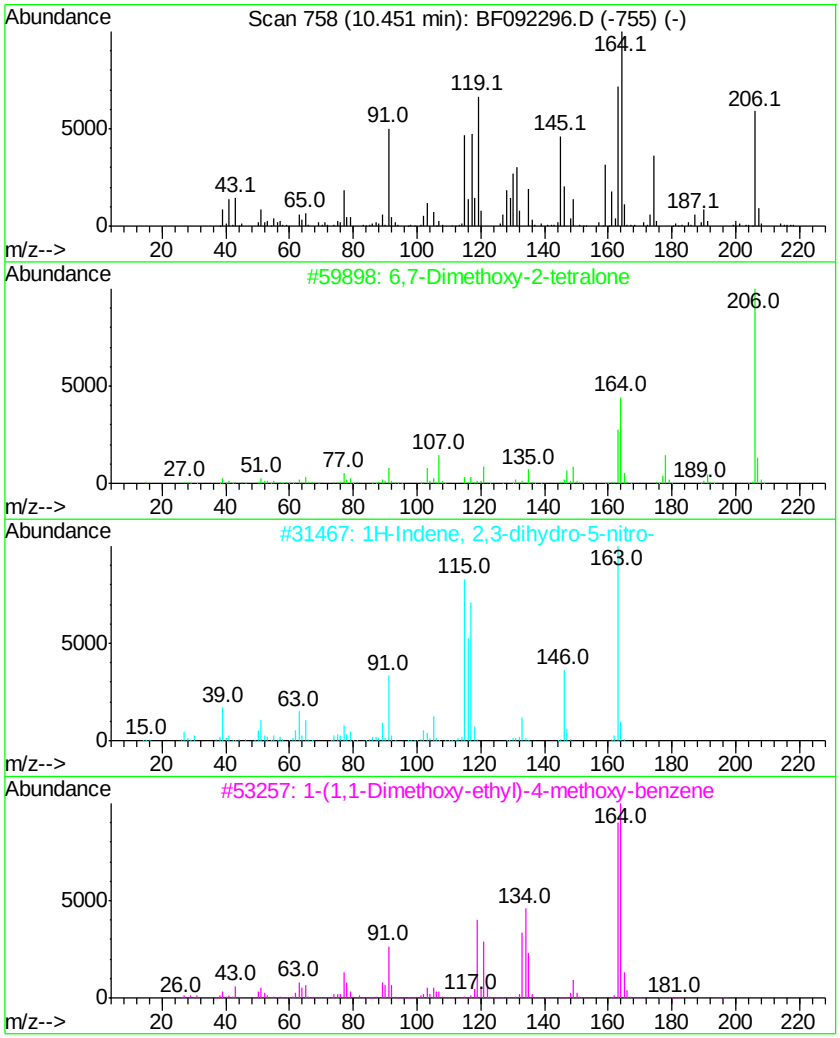
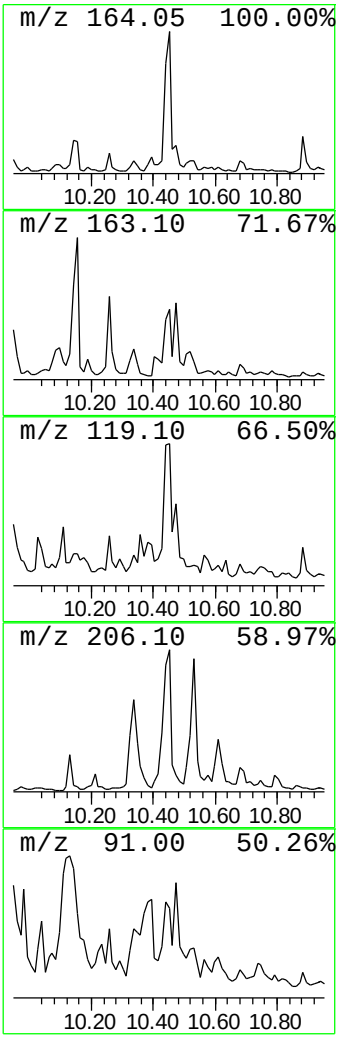
Peak Number 17 unknown10.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	24.87 ng	2246370	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethoxy-2-tetralone	206	C12H14O3	002472-13-1	43
2	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	35
3	1-(1,1-Dimethoxy-ethyl)-4-methox...	196	C11H16O3	027150-99-8	35
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	27
5	1-Fluoro-3-(trifluoro-methyl)ben...	164	C7H4F4	000401-80-9	27





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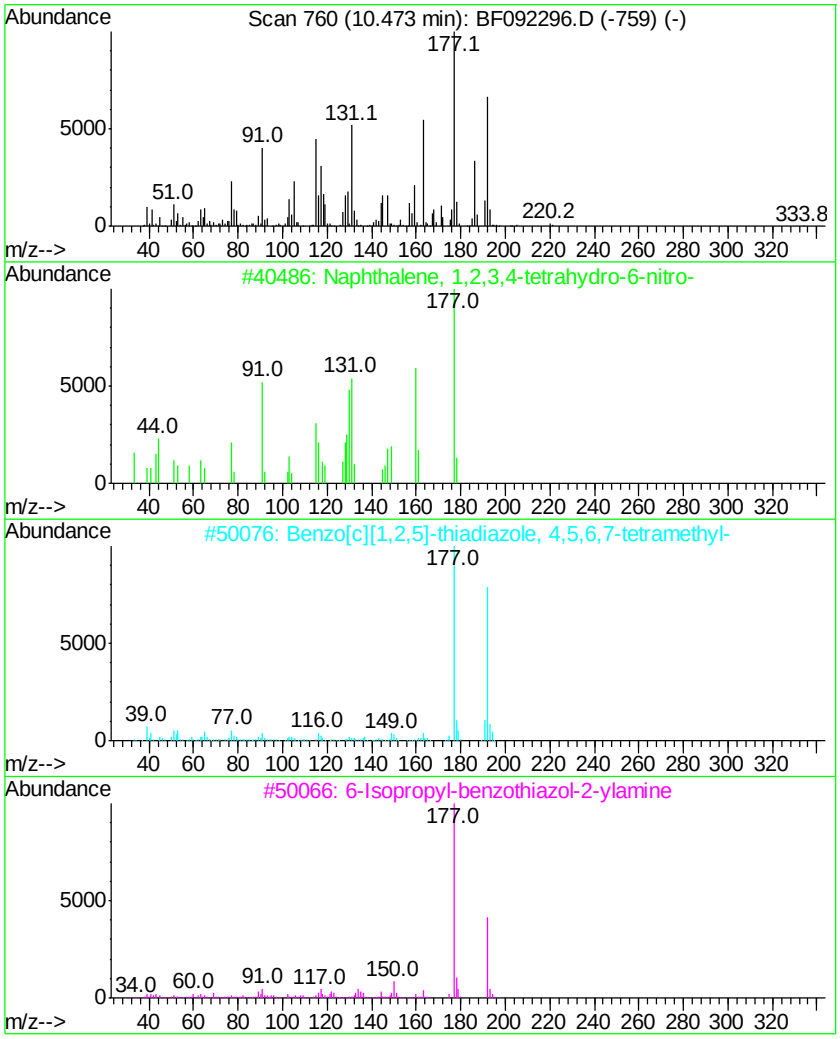
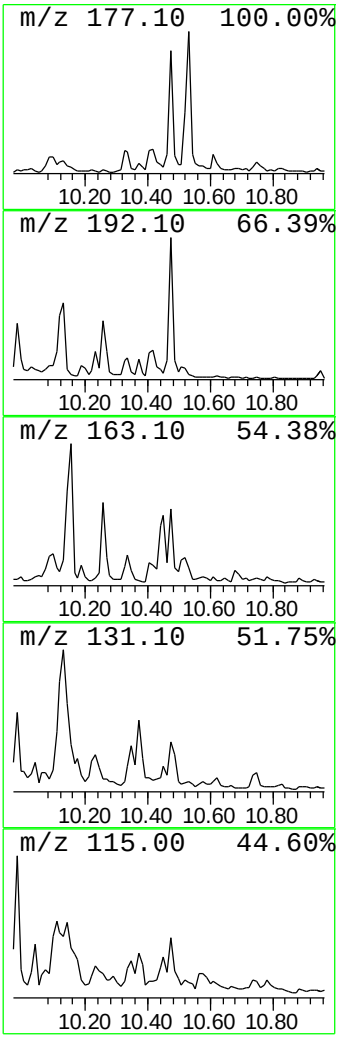
Peak Number 18 unknown10.47 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	21.27 ng	1921040	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	177	C10H11NO2	019353-86-7	38
2	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	38
3	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	35
4	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	30
5	8-Amino-6-methoxy-1-methyl-1,2,3...	192	C11H16N2O	059353-30-9	27





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Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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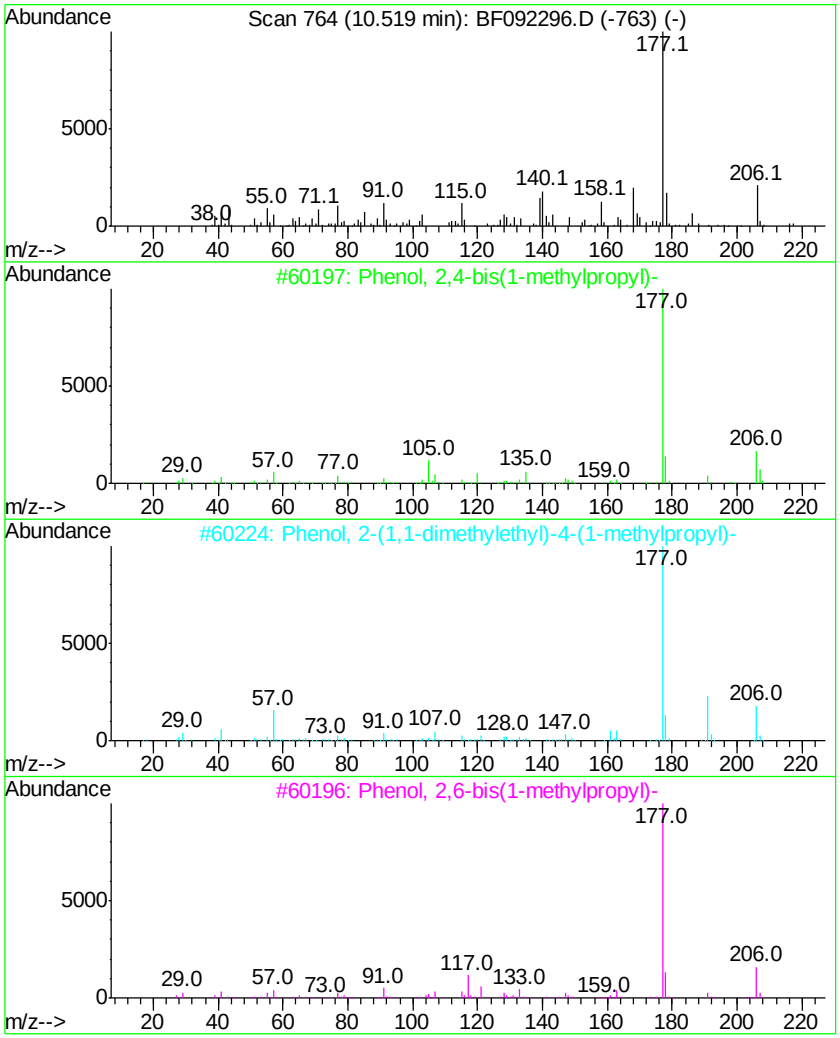
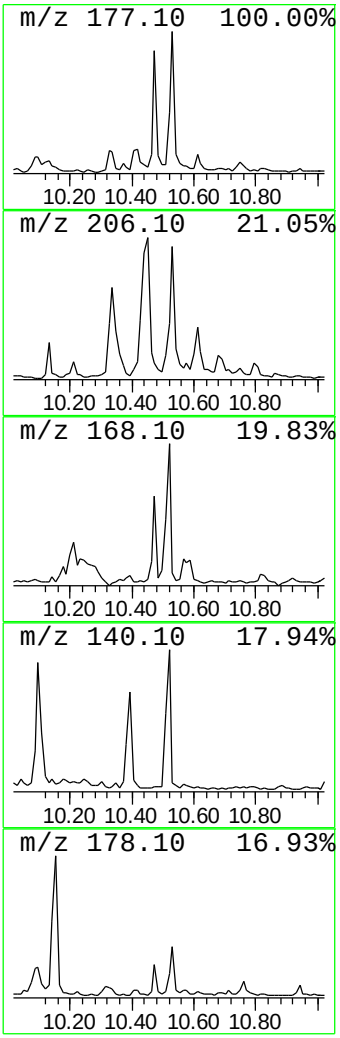
Peak Number 19 unknown10.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	13.79 ng	1245680	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	47
2	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	47
3	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	47
4	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	43
5	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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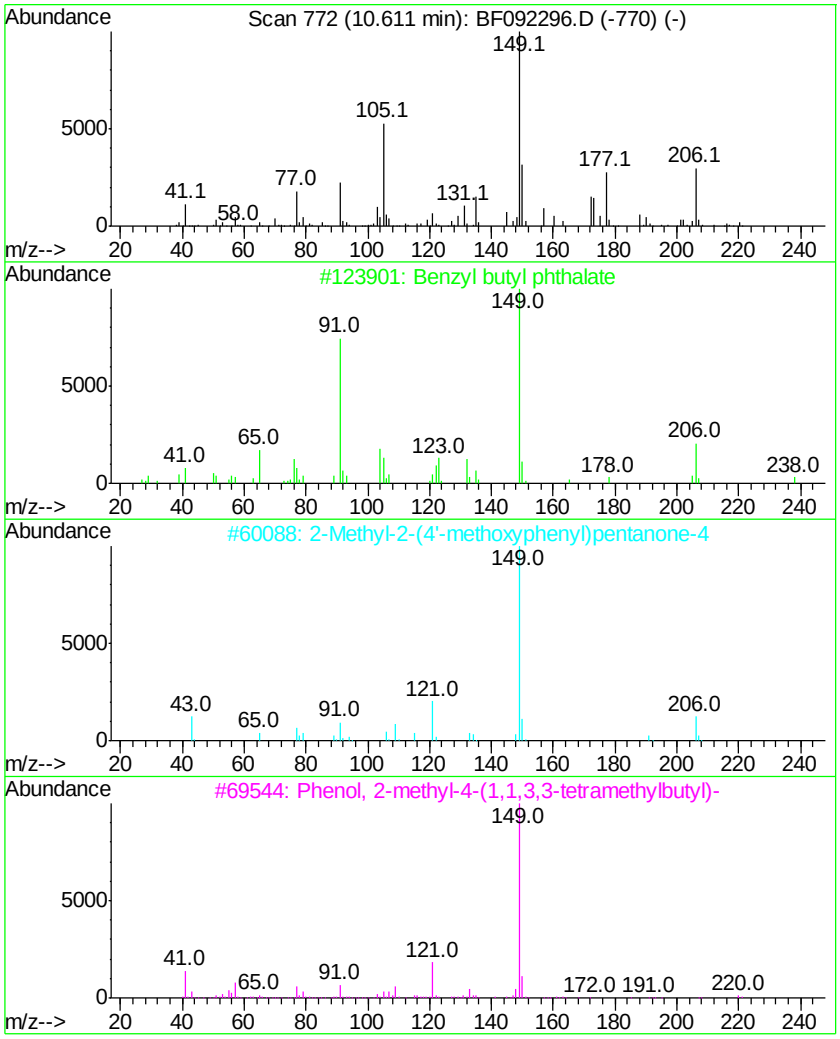
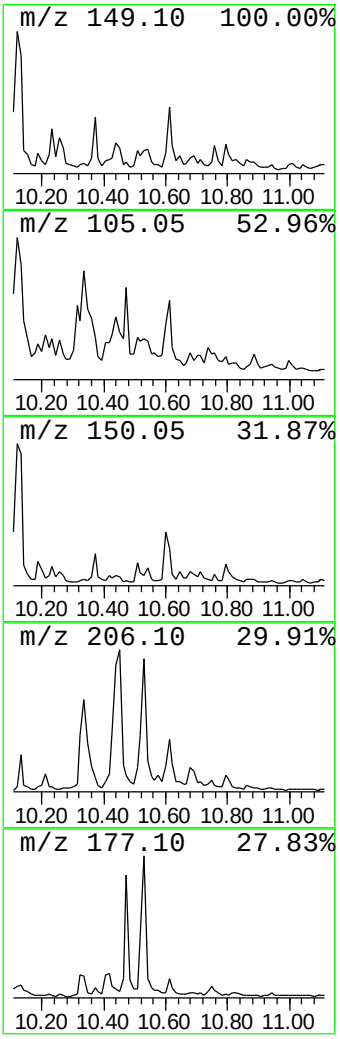
Peak Number 20 unknown 10.61 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	12.71 ng	1148260	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	37
2	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	37
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
4	1,3-Dioxolane, 2-methyl-2-phenyl-	164	C10H12O2	003674-77-9	35
5	Pyridine-3-carboxamide, 4-dimeth...	277	C14H13F2N3O	1000266-41-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092296.D
Acq On : 16 Jan 2017 20:28
Operator : UM/SJ
Sample : I1197-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	17.2	ng	1059700	1	6.56	1232570	20.0
unknown6.34	6.34	90.2	ng	5557460	1	6.56	1232570	20.0
Benzene, 1,3-diet...	6.82	11.9	ng	731478	1	6.56	1232570	20.0
Benzene, 1,2-diet...	6.91	14.6	ng	896956	1	6.56	1232570	20.0
Benzene, 2-etheny...	7.59	18.9	ng	3119800	2	7.84	3294710	20.0
1H-Inden-1-ol, 2,...	8.13	12.8	ng	2115710	2	7.84	3294710	20.0
Naphthalene, 1-me...	8.66	22.7	ng	3737240	2	7.84	3294710	20.0
1(2H)-Naphthaleno...	9.27	41.2	ng	9152770	3	9.59	4441550	20.0
1(2H)-Naphthaleno...	9.68	17.5	ng	3881210	3	9.59	4441550	20.0
2H-1-Benzopyran-2...	9.78	15.1	ng	3360230	3	9.59	4441550	20.0
Naphthalene, 1,2,...	9.91	18.9	ng	4195010	3	9.59	4441550	20.0
Naphthalene, 1-et...	9.98	19.0	ng	4217890	3	9.59	4441550	20.0
1,4-Methanonaphth...	10.11	25.9	ng	5756690	3	9.59	4441550	20.0
unknown10.14	10.14	17.8	ng	3957320	3	9.59	4441550	20.0
unknown10.45	10.45	24.9	ng	2246370	4	11.07	1806640	20.0
unknown10.47	10.47	21.3	ng	1921040	4	11.07	1806640	20.0
unknown10.52	10.52	13.8	ng	1245680	4	11.07	1806640	20.0
unknown 10.61	10.61	12.7	ng	1148260	4	11.07	1806640	20.0