LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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	1.967	5	7	11	rBV3	30343	106313	1.39%	0.101%
2	4.790	251	254	258	rBV	639469	791103	10.31%	0.751%
3	5.259	293	295	298	rBV	2870645	2750605	35.84%	2.612%
4	5.807	339	343	345	rBV	666726	680660	8.87%	0.646%
5	5.887	348	350	354	rVB5	39086	106936	1.39%	0.102%
6	6.104	367	369	372	rVB	805370	846651	11.03%	0.804%
7	6.173	372	375	379	rBV2	130162	221473	2.89%	0.210%
8	6.253	381	382	385	rBV	69107	144776	1.89%	0.137%
9	6.322	385	388	395	rVB	2525038	2619629	34.13%	2.487%
10	6.436	395	398	400	rBV	5144482	5240626	68.28%	4.976%
11	6.539	406	407	410	rVB3	58012	78230	1.02%	0.074%
12	6.619	410	414	416	rBV2	497094	756087	9.85%	0.718%
13	6.665	416	418	420	rBV	993822	1315873	17.14%	1.249%
14	6.813	428	431	436	rBV2	3526853	6007102	78.26%	5.703%
15	6.916	436	440	444	rVB	826907	826565	10.77%	0.785%
16	7.007	444	448	450	rBV2	623988	1097708	14.30%	1.042%
17	7.053	450	452	455	rBV3	134051	257375	3.35%	0.244%
18	7.110	455	457	460	rVB2	119459	256879	3.35%	0.244%
19	7.236	461	468	470	rBV2	4534522	7675736	100.00%	7.288%
20	7.270	470	471	473	rVB2	172051	164381	2.14%	0.156%
21	7.316	473	475	476	rVB	373534	335098	4.37%	0.318%
22	7.362	476	479	482	rBV2	269417	444328	5.79%	0.422%
23	7.442	482	486	488	rBV	1584043	1602861	20.88%	1.522%
24	7.476	488	489	491	rVB2	102498	83219	1.08%	0.079%
25	7.533	491	494	495	rVB2	115246	180248	2.35%	0.171%
26	7.556	495	496	498	rBV2	181464	284924	3.71%	0.271%
27	7.613	498	501	505	rVB2	703114	1661272	21.64%	1.577%
28	7.693	505	508	510	rBV	2324516	3014160	39.27%	2.862%
29	7.727	510	511	512	rVB	180453	123701	1.61%	0.117%
30	7.773	512	515	518	rBV3	324717	768166	10.01%	0.729%
31	7.830	518	520	522	rBV2	203010	378982	4.94%	0.360%
32	7.888	523	525	526	rBV	333776	361567	4.71%	0.343%
33	7.945	526	530	533	rVV2	2335347	3829906	49.90%	3.636%
34	8.002	533	535	536	rVB	748150	793617	10.34%	0.753%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-18

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

35	8.048	536	539	540	rVB	291117	340941	4.44%	0.324%
36	8.105	540	544	545	rBV2	594917	979256	12.76%	0.930%
37	8.150	545	548	550	rVV	400157	547154	7.13%	0.519%
38	8.196	550	552	553	rVV	778327	895412	11.67%	0.850%
39	8.219	553	554	558	rVB4	551449	898097	11.70%	0.853%
40	8.333	562	564	566	rVB2	628959	754045	9.82%	0.716%
41	8.390	566	569	570	rBV2	826853	1169380	15.23%	1.110%
42	8.413	570	571	573	rVV	499867	763698	9.95%	0.725%
43	8.459	573	575	576	rVV	499456	816399	10.64%	0.775%
44	8.482	576	577	579	rVV	589828	537740	7.01%	0.511%
45	8.539	579	582	584	rVV4	334801	646827	8.43%	0.614%
46	8.573	584	585	586	rVV	251602	269387	3.51%	0.256%
47	8.608	586	588	590	rVV	979371	1342414	17.49%	1.275%
48	8.642	590	591	593	rVV2	907845	766659	9.99%	0.728%
49	8.676	593	594	596	rVV2	173537	326499	4.25%	0.310%
50	8.733	596	599	600	rVV2	776252	1645967	21.44%	1.563%
51	8.756	600	601	605	rVV	1832543	2747644	35.80%	2.609%
52	8.870	609	611	612	rVV2	474640	667219	8.69%	0.633%
53	8.905	612	614	615	rVV2	359901	654126	8.52%	0.621%
54	8.950	616	618	619	rVV2	819001	1344094	17.51%	1.276%
55	9.030	622	625	626	rVV	6282994	6614216	86.17%	6.280%
56	9.053	626	627	630	rVB3	843844	904676	11.79%	0.859%
57	9.282	644	647	649	rBV3	645301	1201930	15.66%	1.141%
58	9.362	649	654	655	rBV2	1679763	2643135	34.43%	2.509%
59	9.476	662	664	669	rVB2	664674	1380547	17.99%	1.311%
60	9.556	669	671	672	rBV2	734499	812932	10.59%	0.772%
61	9.671	678	681	682	rBV2	602165	1357241	17.68%	1.289%
62	9.693	682	683	687	rVV	1478279	2229278	29.04%	2.117%
63	9.796	690	692	695	rVV4	472606	837679	10.91%	0.795%
64	9.876	695	699	704	rVB5	618878	1875056	24.43%	1.780%
65	9.956	704	706	709	rBV4	352759	896807	11.68%	0.851%
66	10.002	709	710	712	rBV2	536217	932306	12.15%	0.885%
67	10.093	716	718	720	rVB3	1372767	1881804	24.52%	1.787%
68	10.139	720	722	723	rBV2	389779	592500	7.72%	0.563%
69	10.299	733	736	738	rBV3	510819	1096111	14.28%	1.041%
70	10.448	747	749	750	rBV2	656199	741537	9.66%	0.704%
71	10.493	750	753	756	rVB2	2810734	4075615	53.10%	3.870%

LSC Area Percent Report

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Sample : I1004-02
Misc :
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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.551	756	758	762	rVB3	742881	1481754	19.30%	1.407%
73	10.619	762	764	765	rBV2	101500	166294	2.17%	0.158%
74	10.699	767	771	772	rBV3	233230	379579	4.95%	0.360%
75	10.848	782	784	787	rVB3	310380	514310	6.70%	0.488%
76	10.916	787	790	795	rVB5	176257	455817	5.94%	0.433%
77	11.054	798	802	804	rVB2	304663	539208	7.02%	0.512%
78	11.111	805	807	810	rVV2	258813	367442	4.79%	0.349%
79	11.179	810	813	815	rVV	783262	791650	10.31%	0.752%
80	11.236	815	818	820	rVV	215899	454339	5.92%	0.431%
81	11.282	820	822	825	rVB	258494	378517	4.93%	0.359%
82	11.396	830	832	834	rBV2	71629	133556	1.74%	0.127%
83	11.465	837	838	840	rVB2	167509	154270	2.01%	0.146%
84	11.511	840	842	847	rVB5	112657	228010	2.97%	0.216%
85	11.591	847	849	851	rBV	76118	112516	1.47%	0.107%
86	11.636	851	853	855	rBV3	64945	89736	1.17%	0.085%
87	11.739	860	862	866	rVB3	262439	339488	4.42%	0.322%
88	11.945	878	880	881	rBV	75395	94916	1.24%	0.090%
89	12.094	891	893	895	rVB	121756	132503	1.73%	0.126%
90	12.505	928	929	932	rBV2	127212	158087	2.06%	0.150%
91	12.768	949	952	954	rVB	3127479	3287171	42.83%	3.121%
92	13.797	1040	1042	1045	rBV	459660	604367	7.87%	0.574%
93	15.180	1160	1163	1165	rBV	324578	469301	6.11%	0.446%

Sum of corrected areas: 105325916

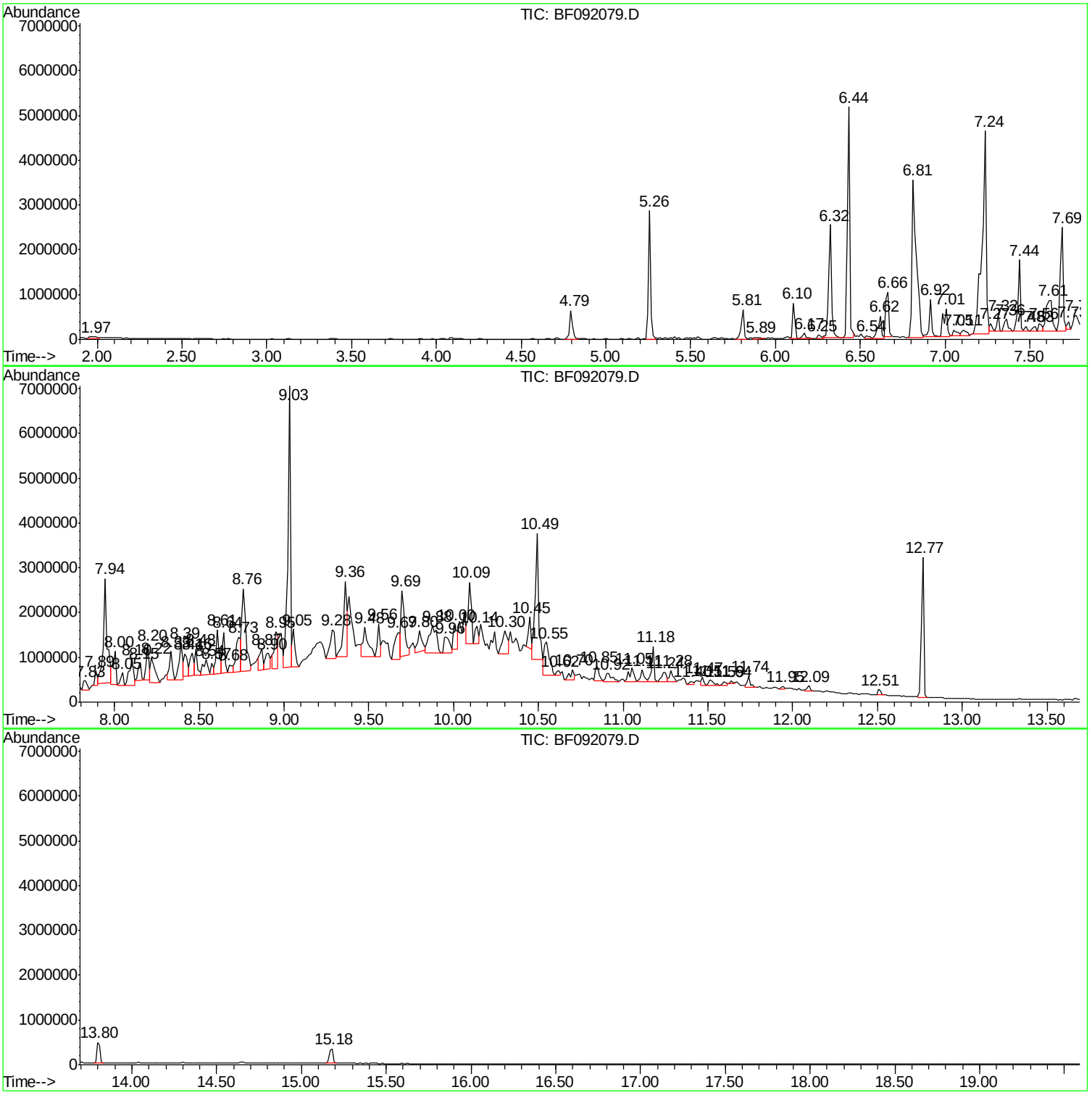
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
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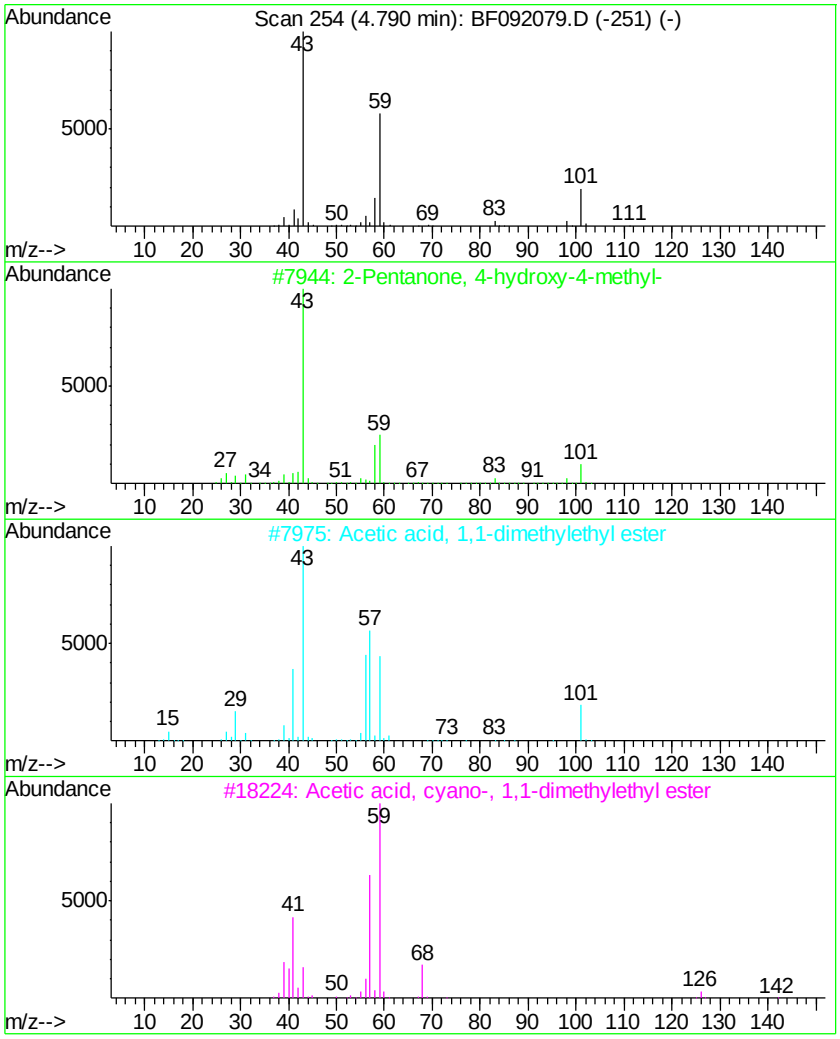
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

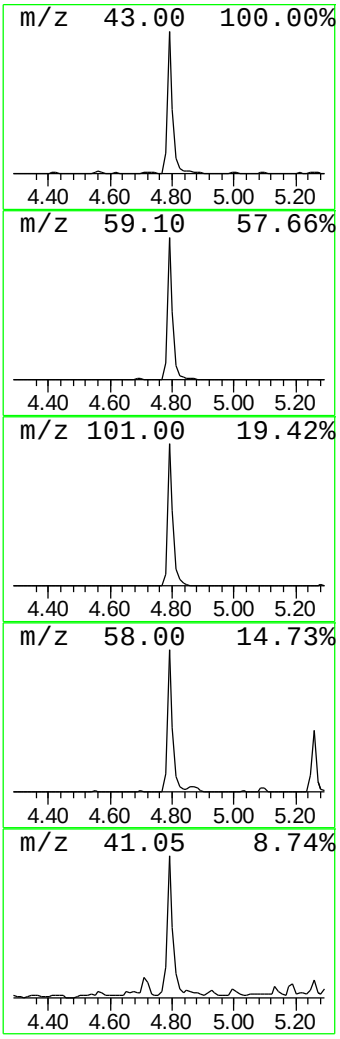
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	12.02 ng	791103	1,4-Dichlorobenzene-d4	6.66

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	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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

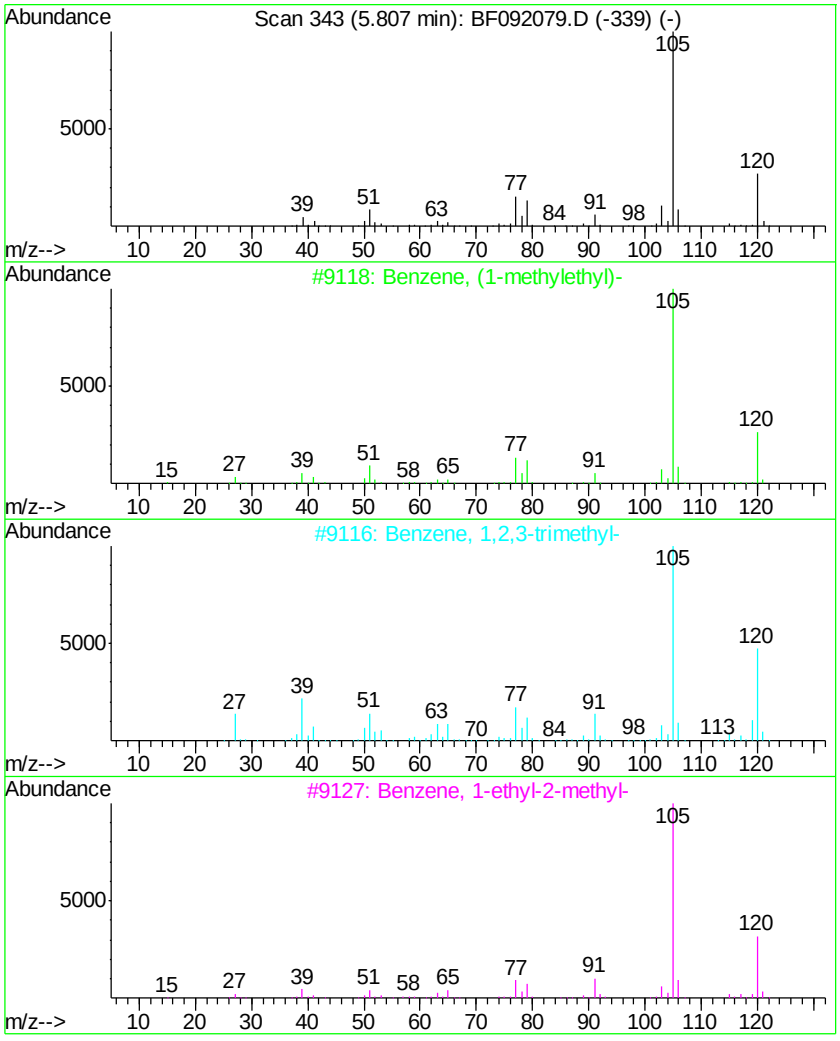
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

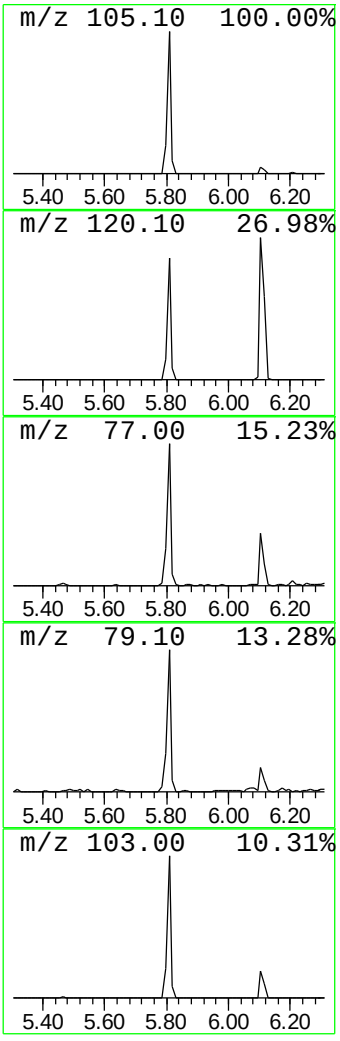
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	10.35 ng	680660	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





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Sample : I1004-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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

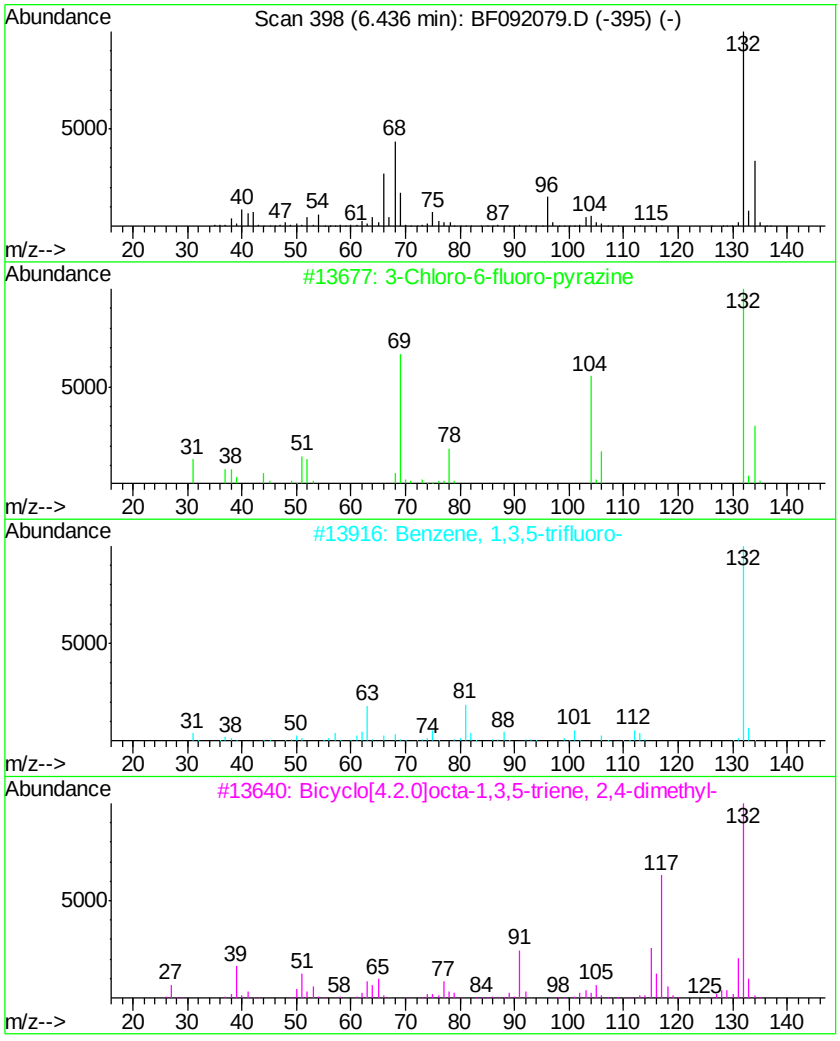
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

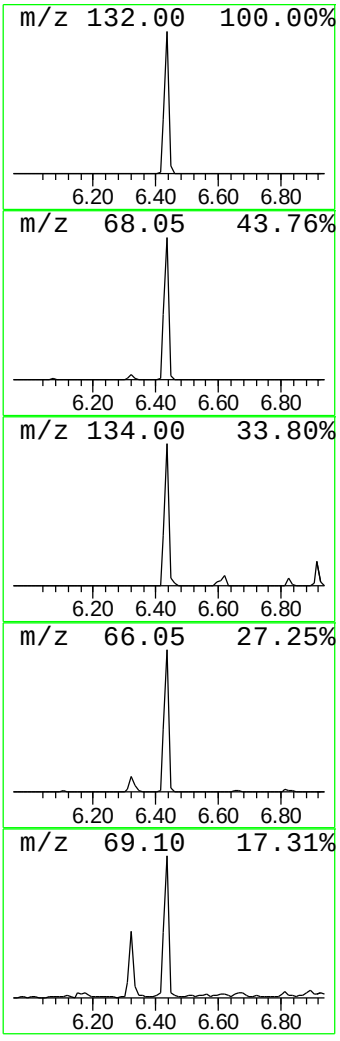
****

Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	79.65 ng	5240630	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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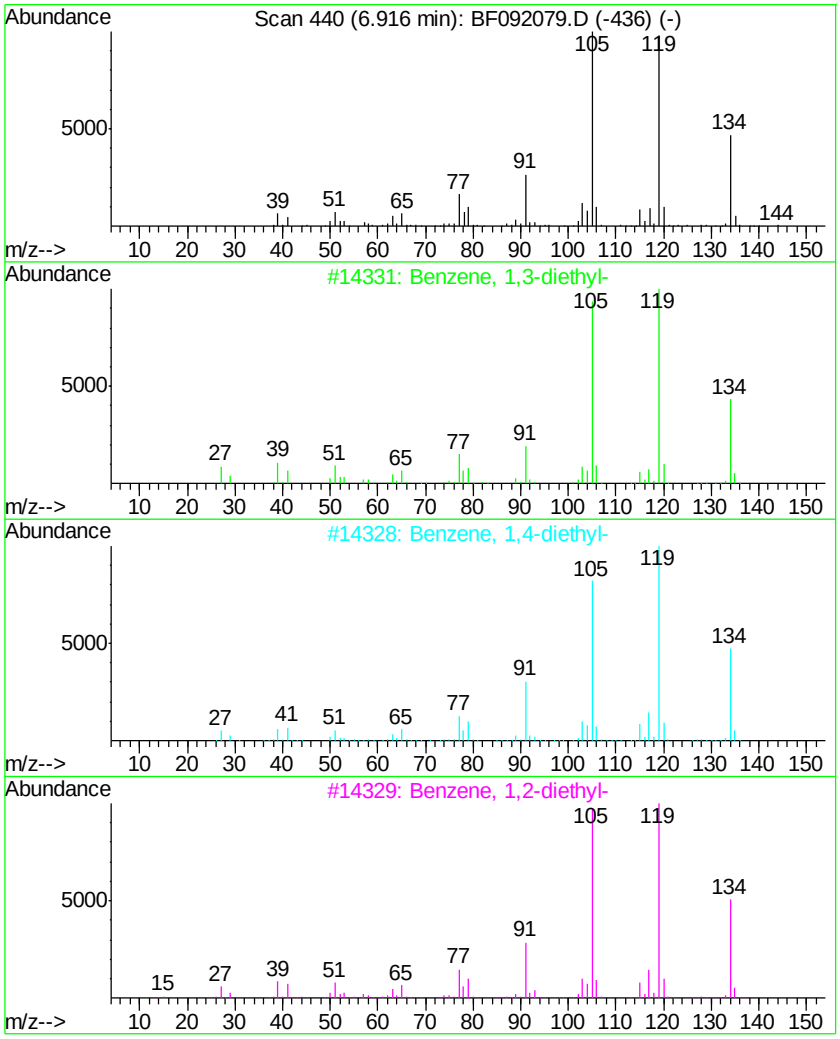
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

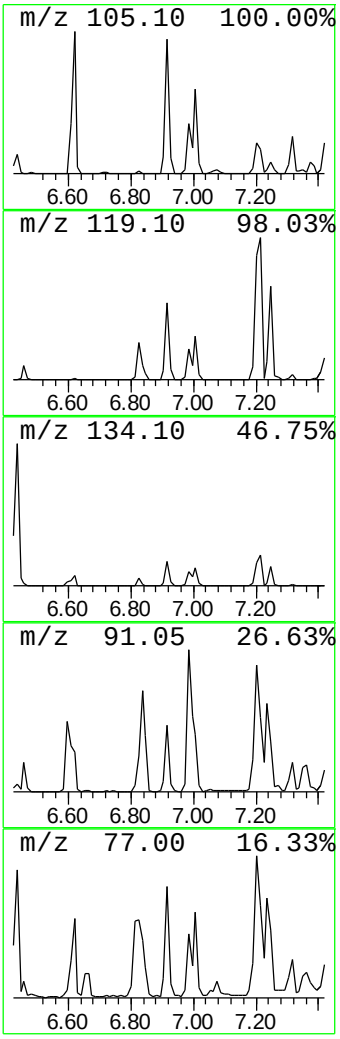
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	12.56 ng	826565	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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

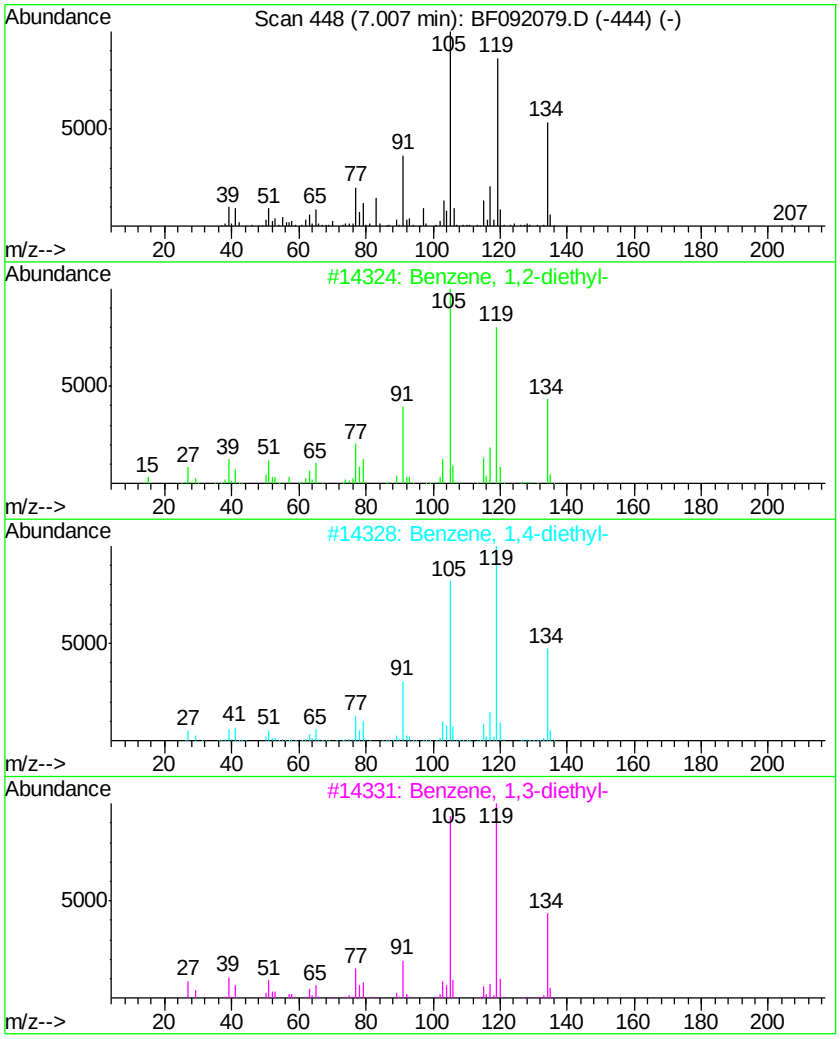
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

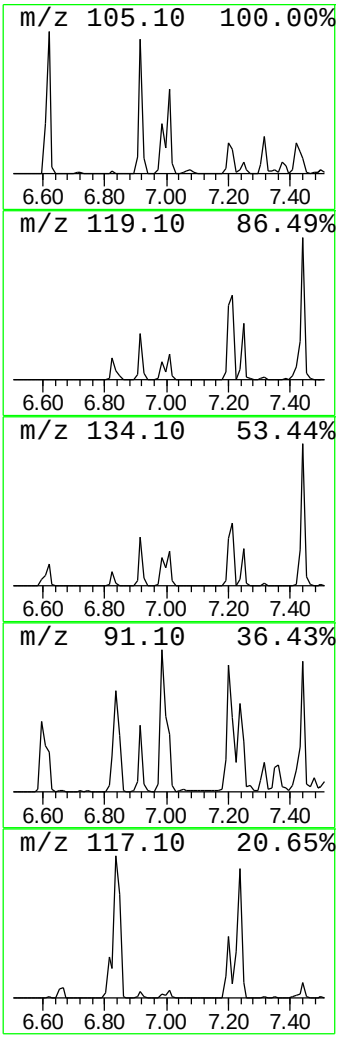
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	16.68 ng	1097710	1,4-Dichlorobenzene-d4	6.66

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	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	74
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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

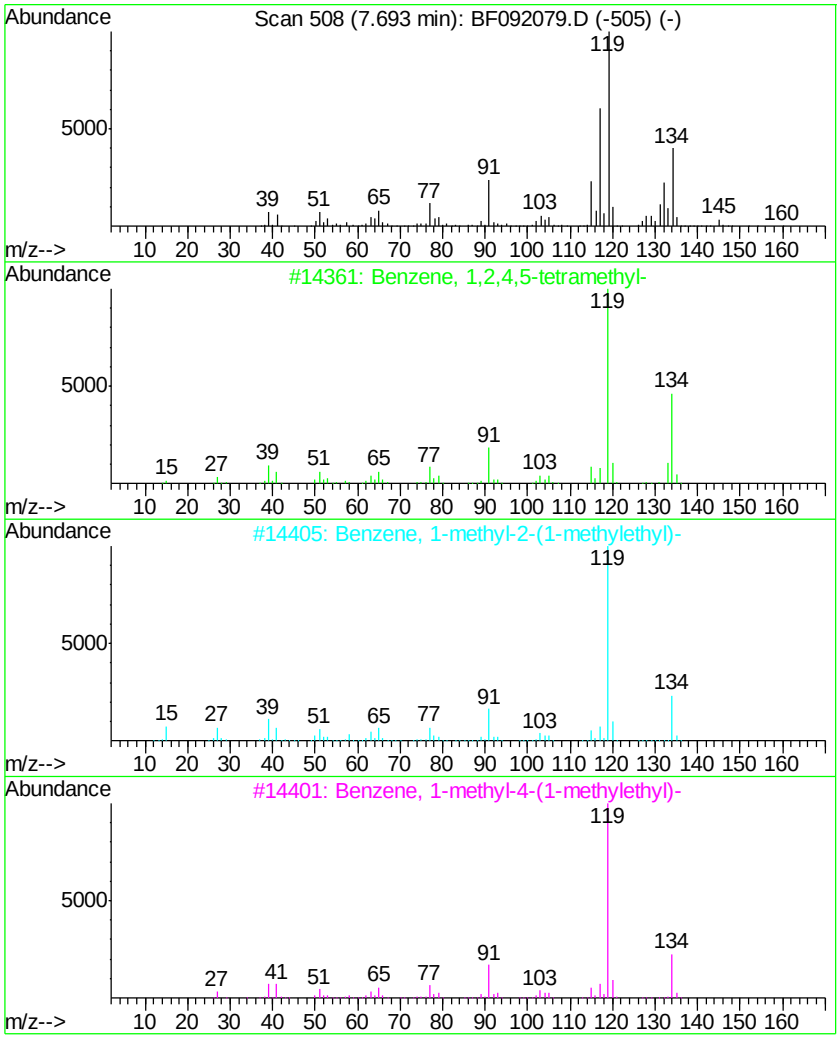
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

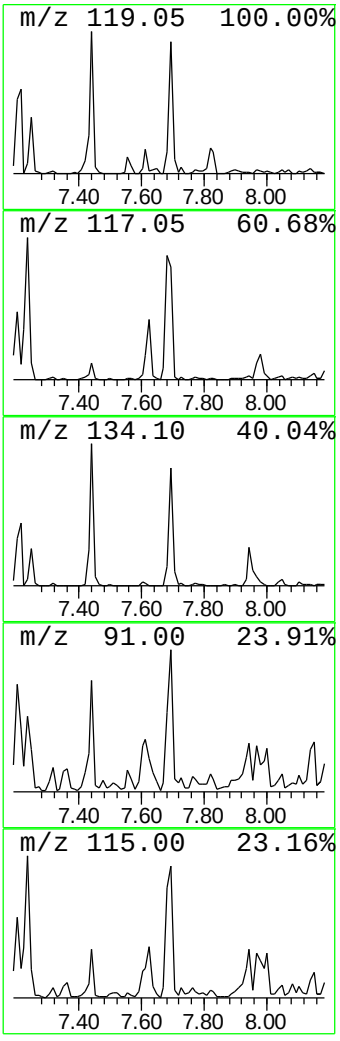
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	15.74 ng	3014160	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	58





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Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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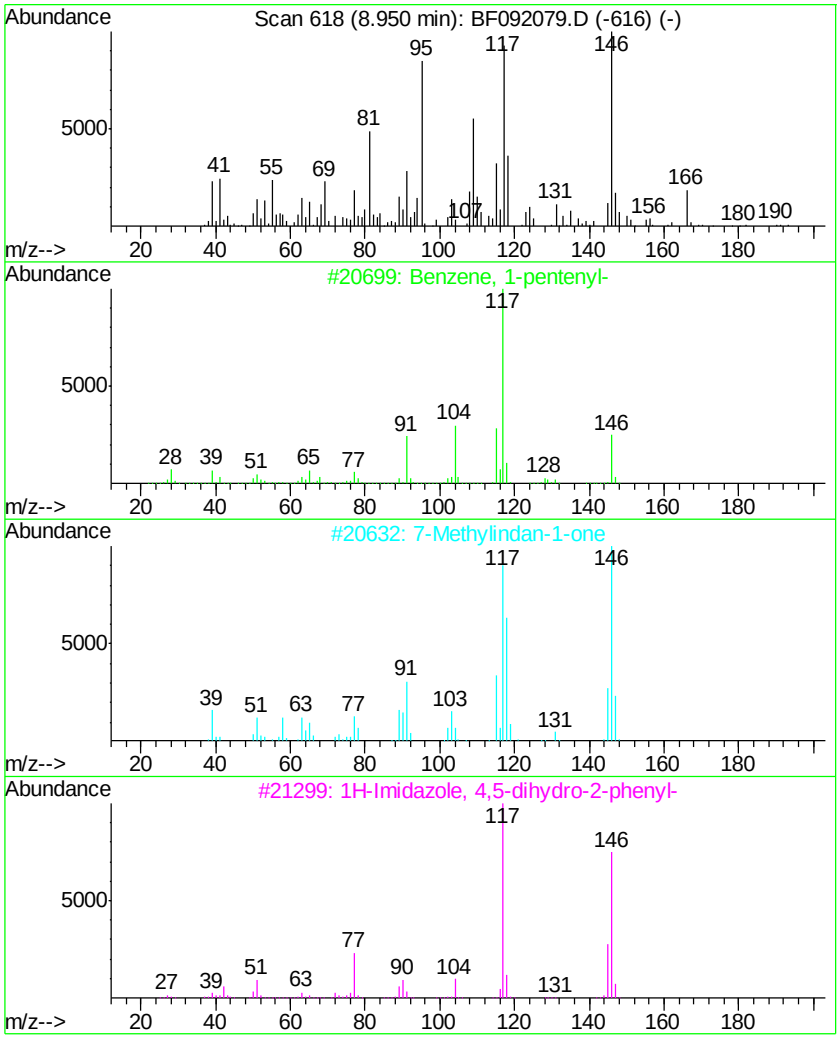
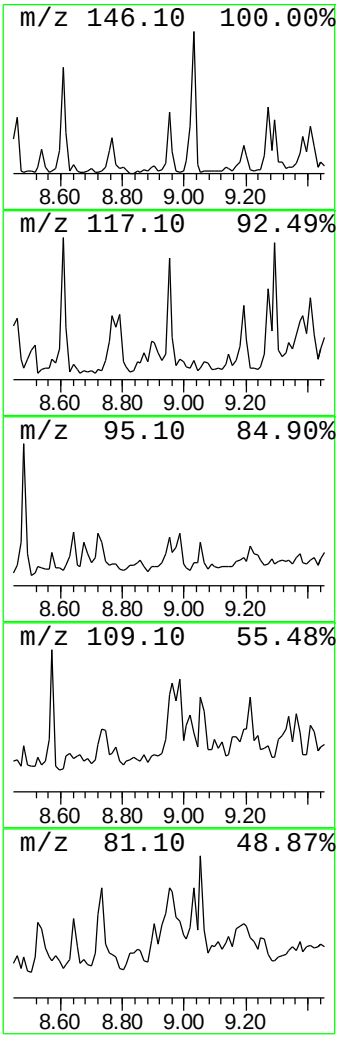
Peak Number 10 unknown8.95 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	12.06 ng	1344090	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	43
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	38
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	38
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	25
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	25





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Acq On : 4 Jan 2017 20:27
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Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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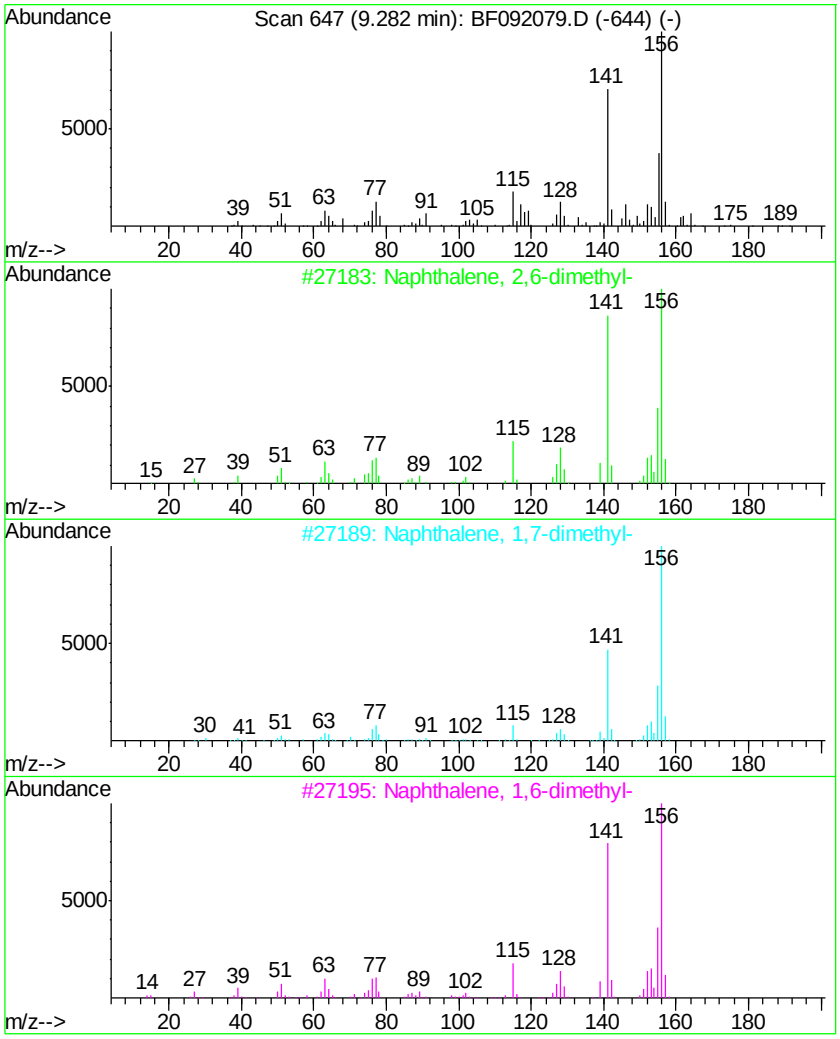
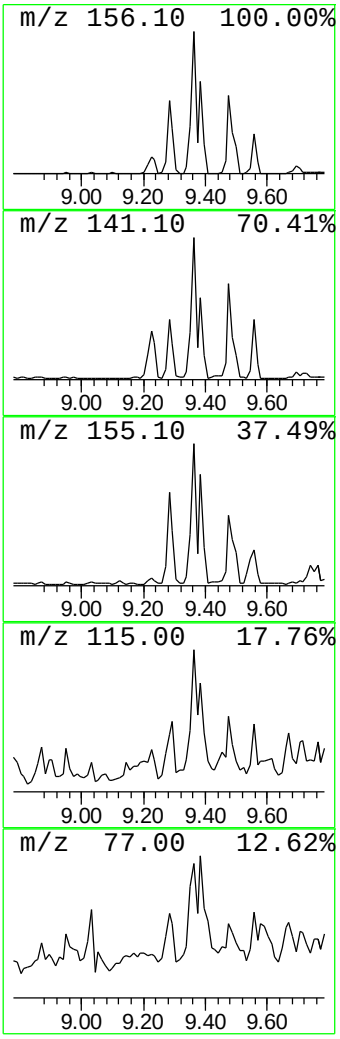
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	10.78 ng	1201930	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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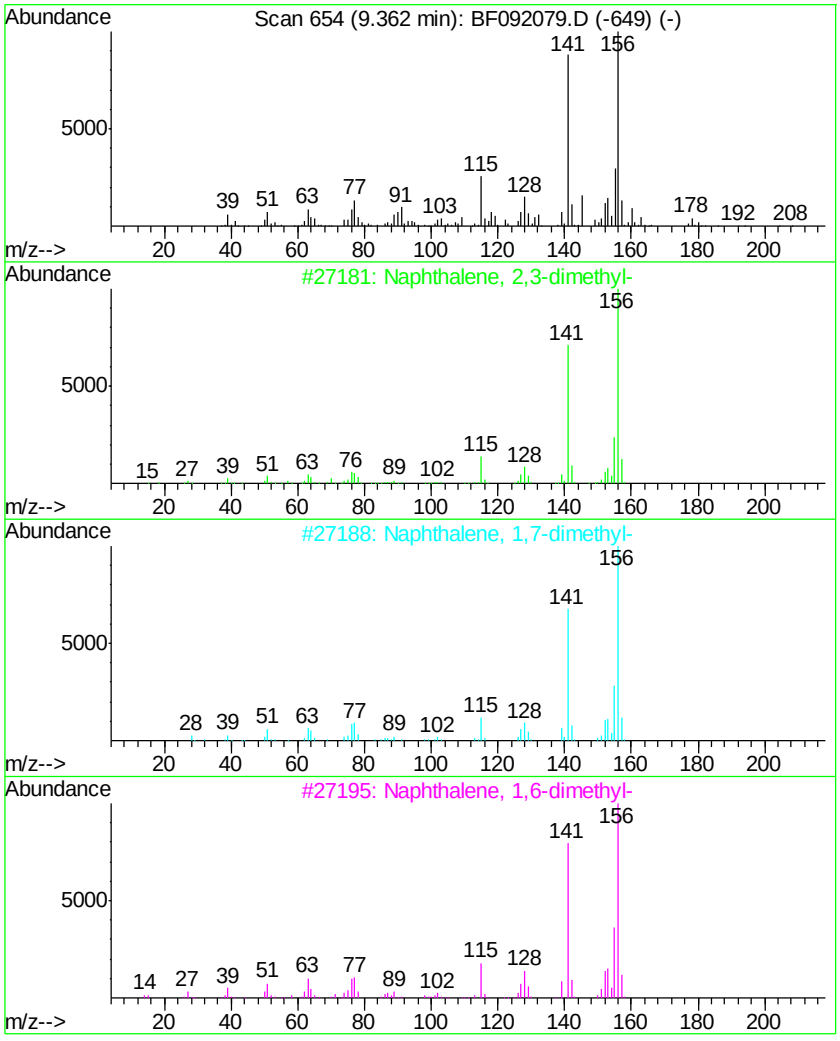
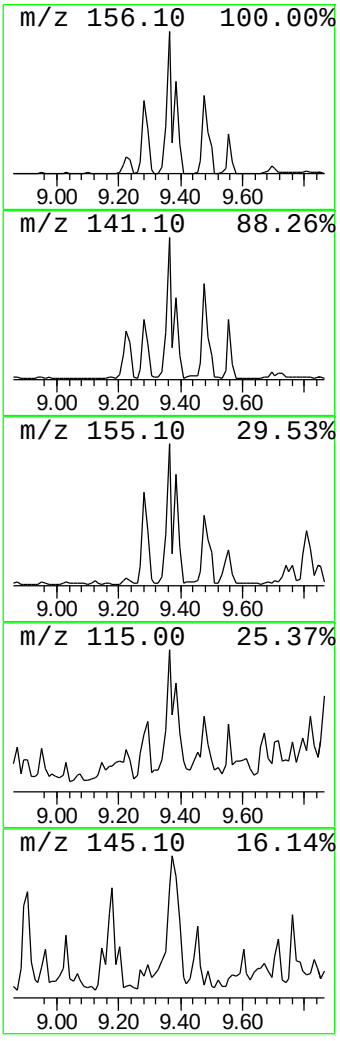
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	23.71 ng	2643140	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Acq On : 4 Jan 2017 20:27
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Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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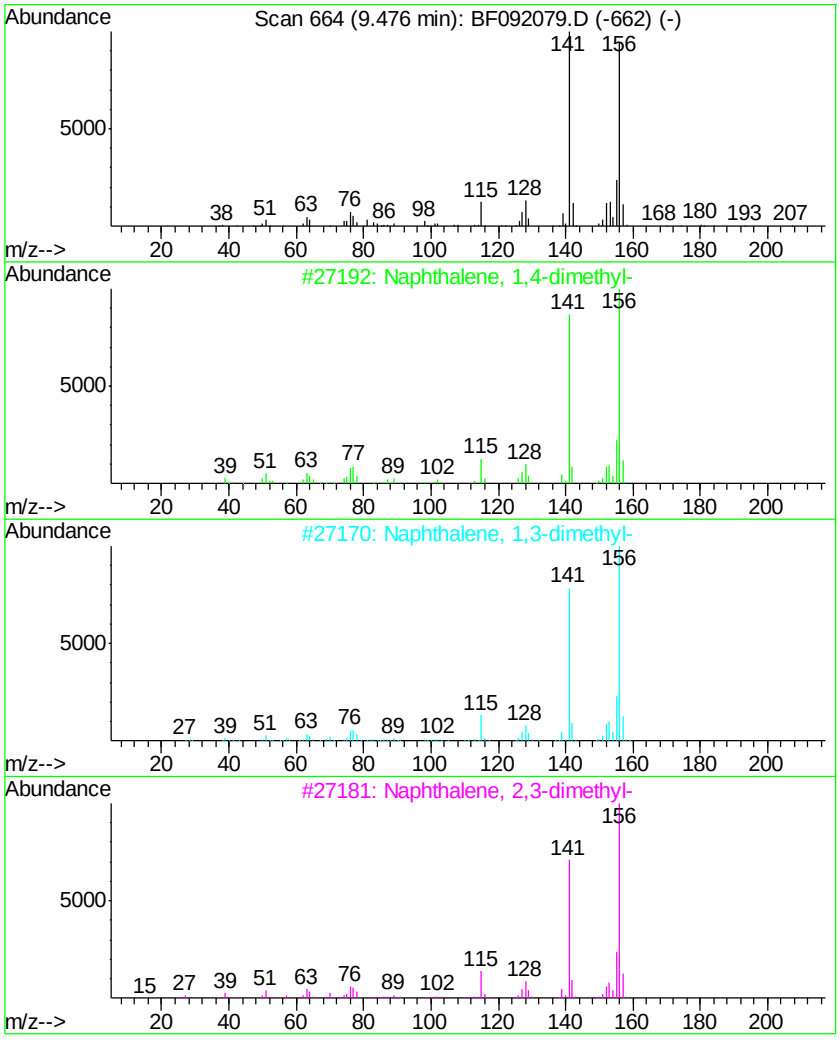
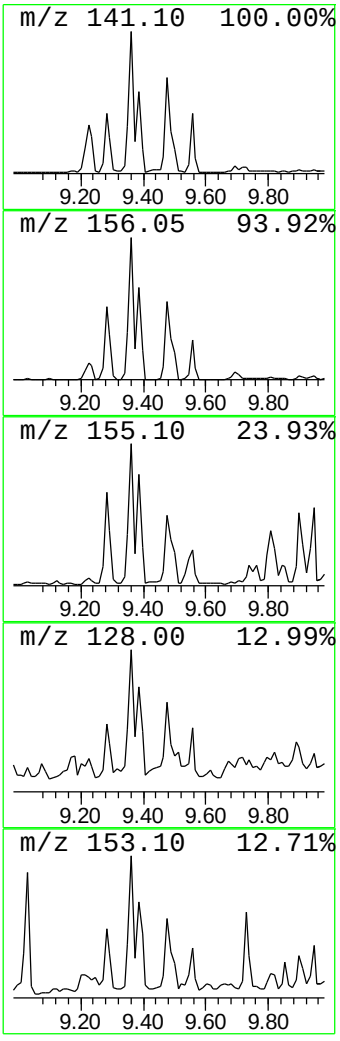
Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	12.39 ng	1380550	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





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Acq On : 4 Jan 2017 20:27
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Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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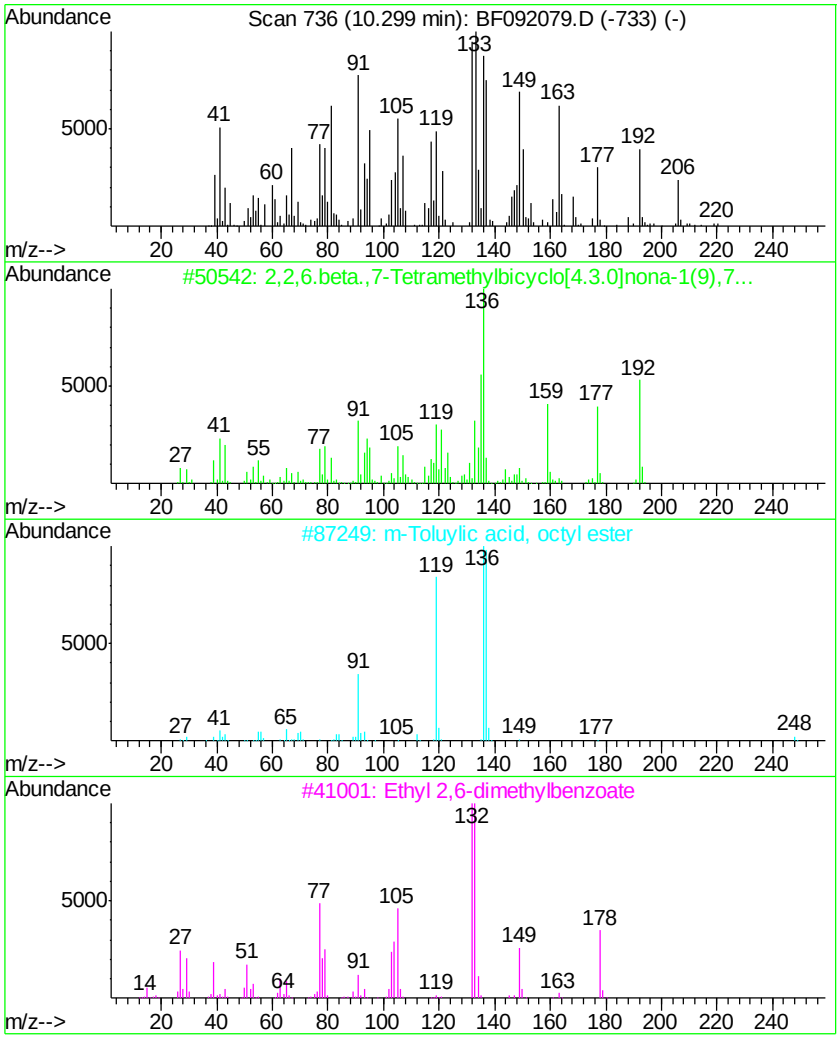
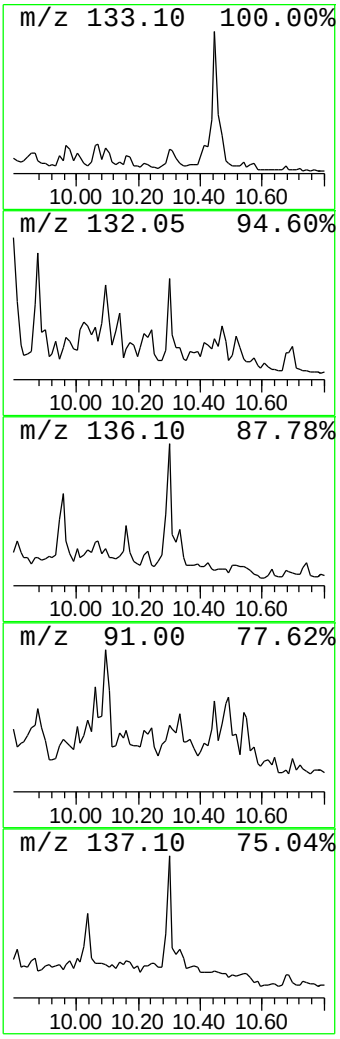
Peak Number 14 unknown10.30 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	9.83 ng	1096110	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6.beta.,7-Tetramethylbicyclo...	192	C13H20O	1000196-17-7	22
2	m-Toluylic acid, octyl ester	248	C16H24O2	016409-24-8	22
3	Ethyl 2,6-dimethylbenzoate	178	C11H14O2	036596-67-5	22
4	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	18
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	14





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Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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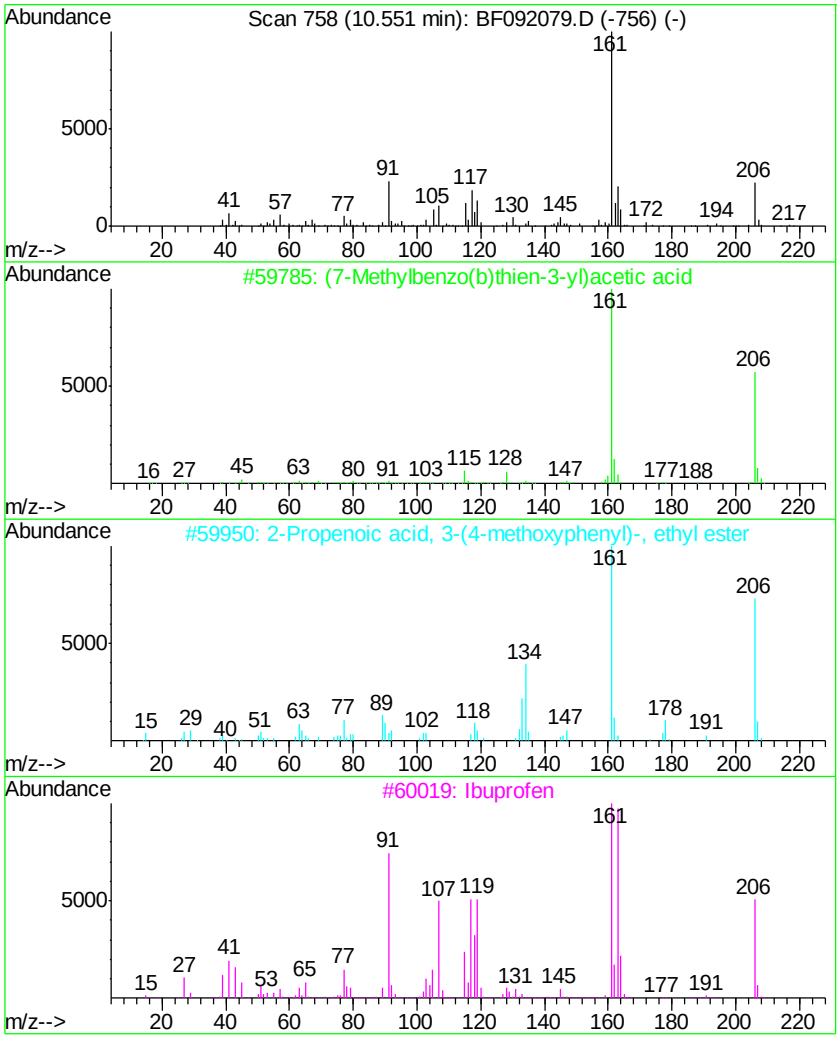
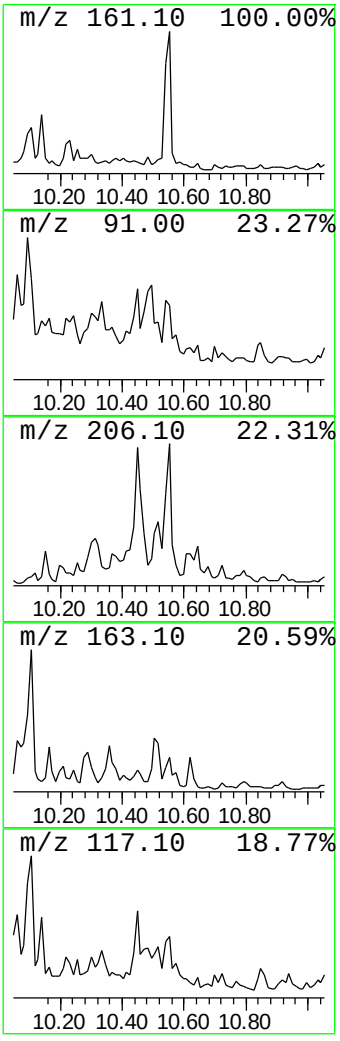
Peak Number 15 (7-Methylbenzo(b)thien-3-yl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	37.43 ng	1481750	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7-Methylbenzo(b)thien-3-yl)acet...	206	C11H10O2S	001606-17-3	58
2	2-Propenoic acid, 3-(4-methoxyph...	206	C12H14O3	001929-30-2	50
3	Ibuprofen	206	C13H18O2	015687-27-1	49
4	Benzoic acid, 4-(1,1-dimethyleth...	204	C13H16O2	015484-80-7	43
5	6-Fluoro-2-methylquinoline	161	C10H8FN	001128-61-6	43





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Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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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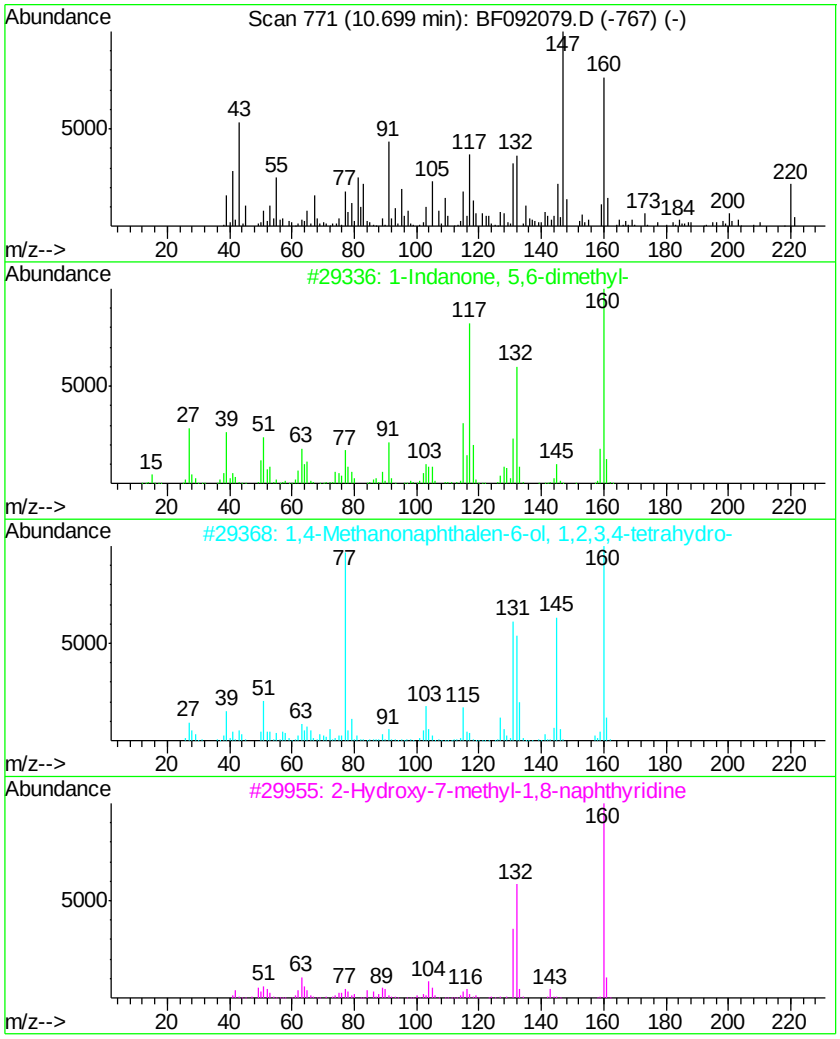
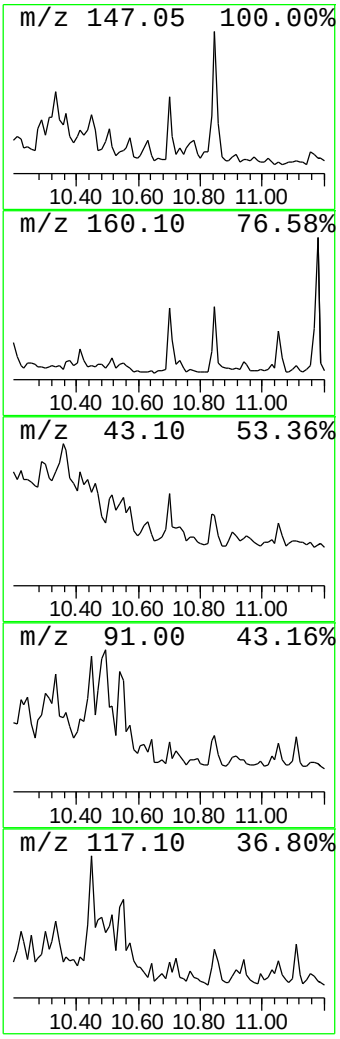
Peak Number 16 unknown10.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	9.59 ng	379579	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	38
2	1,4-Methanonaphthalen-6-ol, 1,2,...	160	C11H12O	050838-54-5	38
3	2-Hydroxy-7-methyl-1,8-naphthyri...	160	C9H8N2O	001569-11-5	38
4	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	38
5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	38





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-18

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

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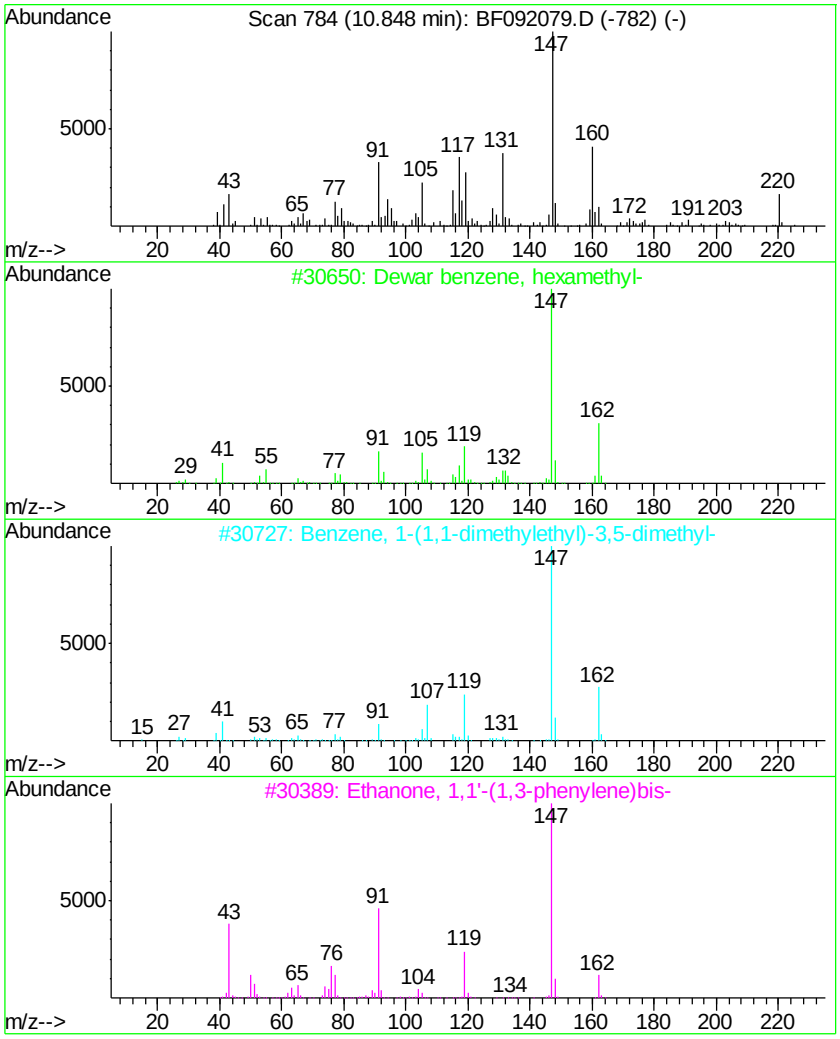
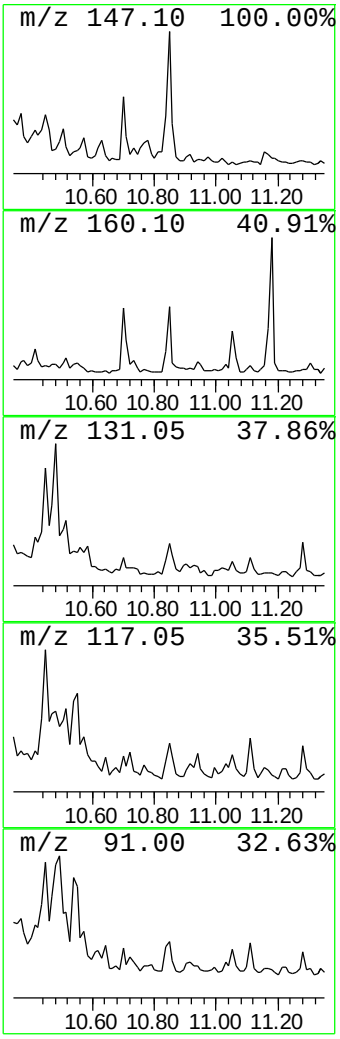
Peak Number 17 unknown10.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	12.99 ng	514310	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	47
2	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	46
3	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	46
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	43
5	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	43





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Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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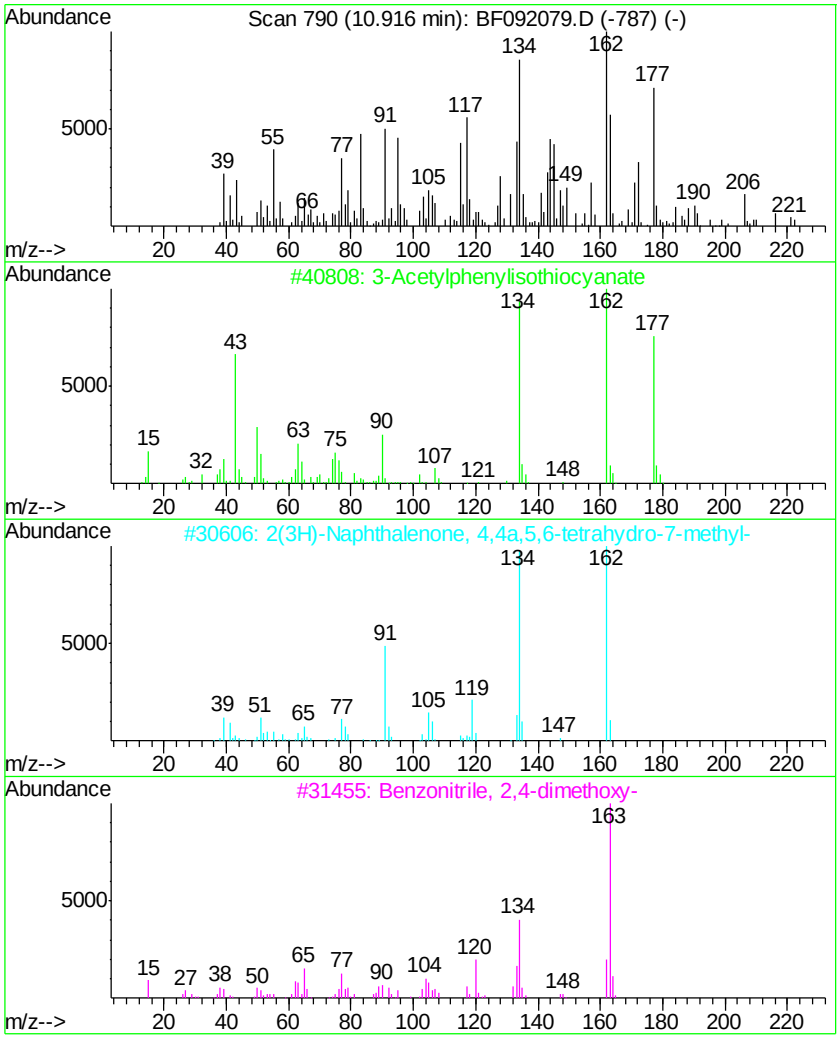
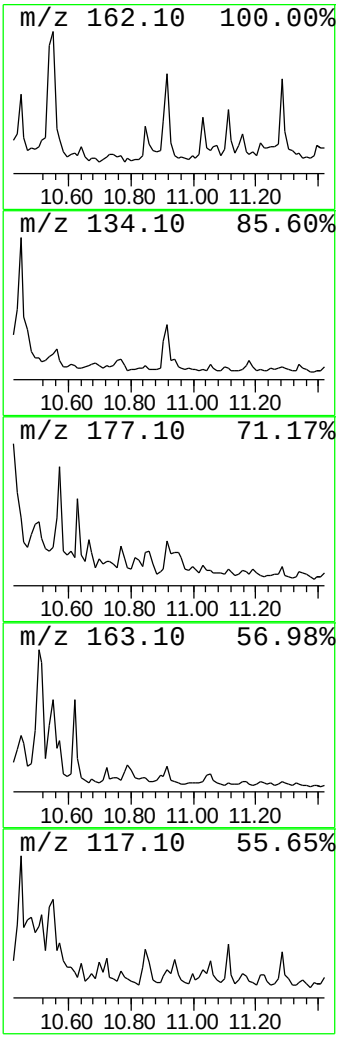
Peak Number 18 unknown10.92 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	11.52 ng	455817	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetylphenylisothiocyanate	177	C9H7NOS	003125-71-1	41
2	2(3H)-Naphthalenone, 4,4a,5,6-te...	162	C11H14O	034545-88-5	38
3	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	38
4	2-Acetyl-4-ethylpyridine semicar...	206	C10H14N4O	103385-95-1	30
5	2-Ethyl-2-(p-tolyl)malonamide	220	C12H16N2O2	068692-83-1	27





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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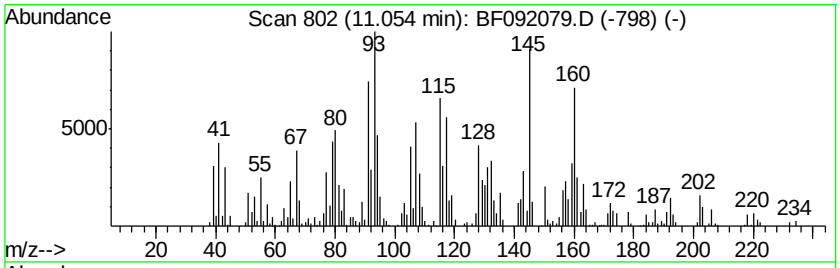
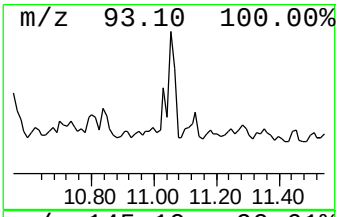
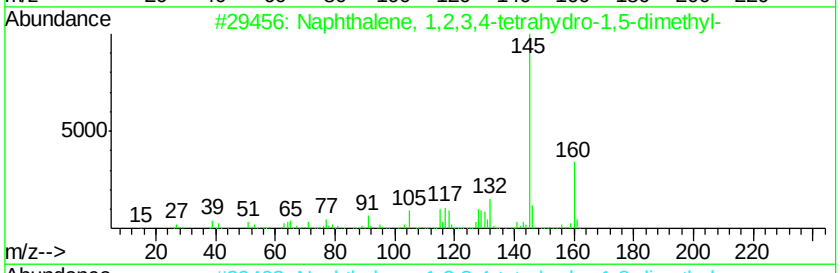
Peak Number 19 unknown11.05 Concentration Rank 8

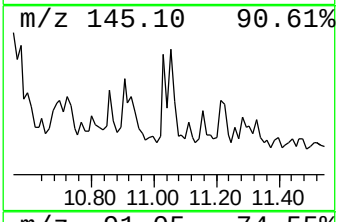
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	13.62 ng	539208	Phenanthrene-d10	11.18

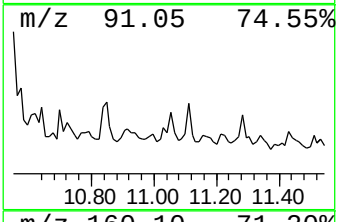
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
3	Adamantane-1-ethynyl	160	C12H16	040430-66-8	25
4	1-Naphthalenethiol	160	C10H8S	000529-36-2	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	18

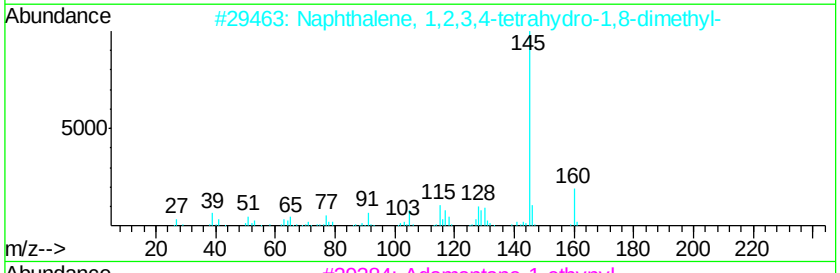


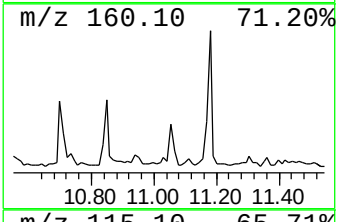


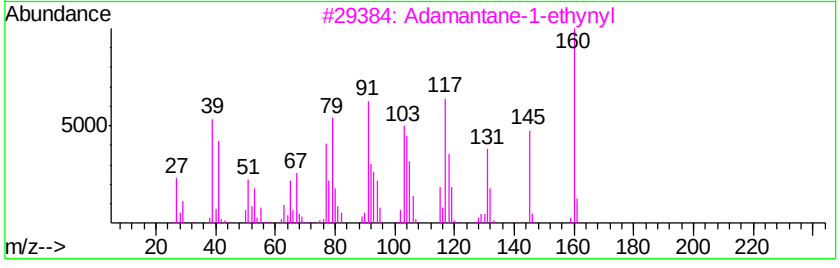


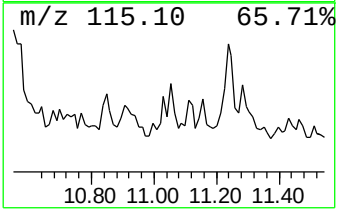












Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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

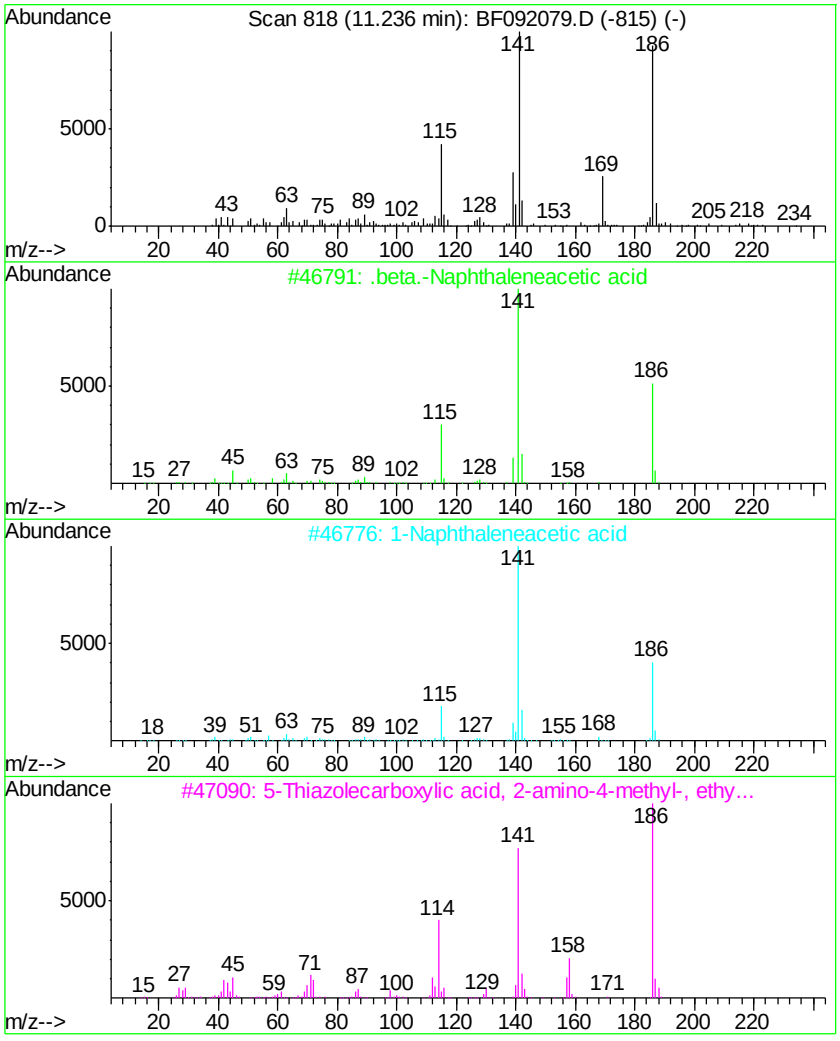
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

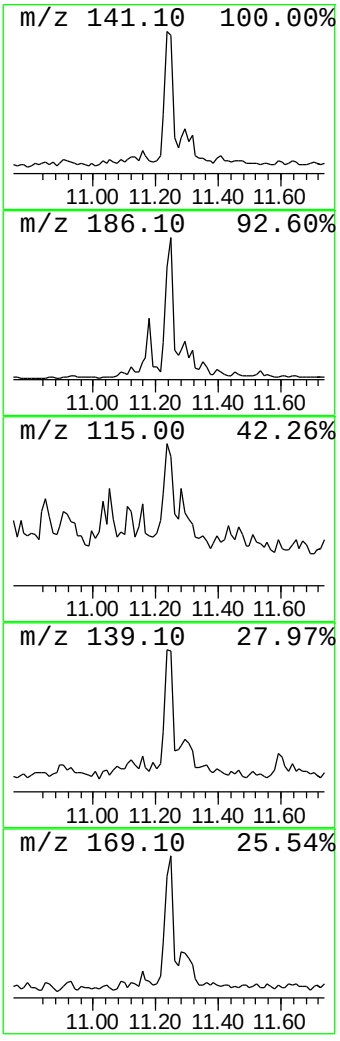
****

Peak Number 20 .beta.-Naphthaleneacetic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	11.48 ng	454339	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	70
2	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	55
3	5-Thiazolecarboxylic acid, 2-ami...	186	C7H10N2O2S	007210-76-6	50
4	1-Naphthaleneacethydrazide	200	C12H12N2O	034800-90-3	43
5	3-Methylquinoline-4-carboxamide	186	C11H10N2O	1000250-73-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

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...	4.79	12.0	ng	791103	1	6.66	1315870	20.0
Benzene, (1-methy...	5.81	10.4	ng	680660	1	6.66	1315870	20.0
unknown6.44	6.44	79.7	ng	5240630	1	6.66	1315870	20.0
Benzene, 1,3-diet...	6.92	12.6	ng	826565	1	6.66	1315870	20.0
Benzene, 1,2-diet...	7.01	16.7	ng	1097710	1	6.66	1315870	20.0
Benzene, 1,2,4,5-...	7.69	15.7	ng	3014160	2	7.94	3829910	20.0
unknown8.95	8.95	12.1	ng	1344090	3	9.69	2229280	20.0
Naphthalene, 2,6-...	9.28	10.8	ng	1201930	3	9.69	2229280	20.0
Naphthalene, 2,3-...	9.36	23.7	ng	2643140	3	9.69	2229280	20.0
Naphthalene, 1,4-...	9.48	12.4	ng	1380550	3	9.69	2229280	20.0
unknown10.30	10.30	9.8	ng	1096110	3	9.69	2229280	20.0
(7-Methylbenzo(b)...	10.55	37.4	ng	1481750	4	11.18	791650	20.0
unknown10.70	10.70	9.6	ng	379579	4	11.18	791650	20.0
unknown10.85	10.85	13.0	ng	514310	4	11.18	791650	20.0
unknown10.92	10.92	11.5	ng	455817	4	11.18	791650	20.0
unknown11.05	11.05	13.6	ng	539208	4	11.18	791650	20.0
.beta.-Naphthalen...	11.24	11.5	ng	454339	4	11.18	791650	20.0