LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

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-BF110316.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	4.201	214	220	225	rBV2	33477	72056	1.24%	0.084%
2	4.739	263	267	277	rBV	566606	778200	13.38%	0.904%
3	5.024	288	292	296	rBV	99576	123628	2.13%	0.144%
4	5.196	305	307	317	rBV	1616231	1994762	34.29%	2.317%
5	5.756	352	356	359	rBV2	98585	183180	3.15%	0.213%
6	5.847	362	364	367	rVB	44784	59335	1.02%	0.069%
7	6.065	381	383	387	rVV	190575	186833	3.21%	0.217%
8	6.122	387	388	394	rVB4	31170	62814	1.08%	0.073%
9	6.270	399	401	407	rBV	1240942	1388755	23.87%	1.613%
10	6.385	409	411	414	rBV	3904333	3802110	65.36%	4.416%
11	6.567	424	427	430	rBV2	99856	199031	3.42%	0.231%
12	6.613	430	431	436	rBV	712444	936298	16.10%	1.088%
13	6.773	442	445	450	rBV	3950946	4292905	73.80%	4.986%
14	6.876	452	454	458	rVB	338064	336811	5.79%	0.391%
15	6.945	458	460	464	rBV2	182877	339829	5.84%	0.395%
16	7.013	464	466	468	rBV2	54902	60012	1.03%	0.070%
17	7.162	476	479	480	rBV	227532	349081	6.00%	0.405%
18	7.196	480	482	484	rVV	3155232	3893003	66.92%	4.522%
19	7.276	488	489	491	rVV	148771	142150	2.44%	0.165%
20	7.310	491	492	497	rVV2	128846	236869	4.07%	0.275%
21	7.402	497	500	504	rVB4	263938	402506	6.92%	0.468%
22	7.516	508	510	512	rBV2	101134	162343	2.79%	0.189%
23	7.585	512	516	519	rVB3	336611	603053	10.37%	0.700%
24	7.653	519	522	524	rBV	1549981	1851650	31.83%	2.151%
25	7.722	526	528	529	rBV2	43762	59443	1.02%	0.069%
26	7.745	529	530	535	rVB2	414749	445897	7.67%	0.518%
27	7.905	536	544	548	rBV2	1870412	3965150	68.17%	4.606%
28	7.962	548	549	550	rVV	459577	353763	6.08%	0.411%
29	8.042	554	556	557	rVB2	119620	98796	1.70%	0.115%
30	8.065	557	558	560	rVB	147444	145381	2.50%	0.169%
31	8.110	560	562	564	rBV3	118520	198452	3.41%	0.231%
32	8.190	567	569	572	rVB3	329776	487330	8.38%	0.566%
33	8.293	576	578	581	rVB	411605	485318	8.34%	0.564%
34	8.385	581	586	587	rBV3	525196	1090720	18.75%	1.267%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.419	587	589	592	rVV2	346920	562209	9.66%	0.653%
36	8.476	592	594	595	rVV2	203352	205194	3.53%	0.238%
37	8.499	595	596	598	rVV2	297870	287303	4.94%	0.334%
38	8.568	598	602	604	rVV3	486726	675438	11.61%	0.785%
39	8.625	604	607	609	rVB2	454896	549384	9.44%	0.638%
40	8.728	612	616	617	rBV	2627268	4072396	70.01%	4.730%
41	8.751	617	618	621	rVB2	195625	270190	4.64%	0.314%
42	8.819	621	624	626	rBV2	171923	337206	5.80%	0.392%
43	8.853	626	627	629	rVB	82161	92412	1.59%	0.107%
44	8.899	629	631	632	rVB2	52240	66638	1.15%	0.077%
45	8.945	632	635	636	rBV	254116	299907	5.16%	0.348%
46	8.991	636	639	642	rVB	5177661	5641764	96.99%	6.553%
47	9.128	649	651	653	rBV	199332	259113	4.45%	0.301%
48	9.185	653	656	659	rVV	1040171	1579029	27.15%	1.834%
49	9.253	659	662	664	rVV	2098556	3030843	52.10%	3.520%
50	9.322	664	668	673	rVV	3188835	4944195	85.00%	5.743%
51	9.391	673	674	676	rVV2	411072	439047	7.55%	0.510%
52	9.436	676	678	683	rVV	1402070	2253549	38.74%	2.618%
53	9.516	683	685	688	rVB	853124	1050491	18.06%	1.220%
54	9.653	694	697	699	rBV	1289954	1812897	31.17%	2.106%
55	9.688	699	700	705	rVV3	489195	854894	14.70%	0.993%
56	9.768	705	707	709	rVV	597622	870671	14.97%	1.011%
57	9.813	709	711	712	rVV	261102	331175	5.69%	0.385%
58	9.871	712	716	717	rVV2	777357	1232483	21.19%	1.432%
59	9.905	717	719	720	rVV	777638	773319	13.29%	0.898%
60	9.928	720	721	723	rVV2	159381	213711	3.67%	0.248%
61	9.985	723	726	727	rVV	581579	879451	15.12%	1.022%
62	10.065	731	733	738	rVV3	480513	1208576	20.78%	1.404%
63	10.156	738	741	743	rVV2	204871	270644	4.65%	0.314%
64	10.202	743	745	749	rVV	792554	1049058	18.03%	1.219%
65	10.271	749	751	754	rVV	841119	1152907	19.82%	1.339%
66	10.328	754	756	758	rVV3	263040	482571	8.30%	0.561%
67	10.362	758	759	762	rVV2	167594	237953	4.09%	0.276%
68	10.408	762	763	764	rVV	78398	78938	1.36%	0.092%
69	10.454	764	767	769	rVV	3223389	3631111	62.42%	4.218%
70	10.488	769	770	773	rVV2	147533	199712	3.43%	0.232%
71	10.545	773	775	776	rVV2	54852	79606	1.37%	0.092%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.591	776	779	782	rVB2	568144	766800	13.18%	0.891%
73	10.648	782	784	785	rBV2	127154	123589	2.12%	0.144%
74	10.751	790	793	794	rBV	169123	244589	4.20%	0.284%
75	10.785	794	796	799	rVB	411591	585635	10.07%	0.680%
76	10.899	804	806	808	rVB3	122600	211537	3.64%	0.246%
77	10.991	812	814	816	rBV	69724	131989	2.27%	0.153%
78	11.036	816	818	822	rVB2	310073	760747	13.08%	0.884%
79	11.139	825	827	828	rBV	1759122	1533026	26.35%	1.781%
80	11.254	836	837	840	rBV	69265	124124	2.13%	0.144%
81	11.402	849	850	852	rVB	122282	106708	1.83%	0.124%
82	11.448	852	854	857	rBV2	173646	248426	4.27%	0.289%
83	11.505	857	859	861	rVB2	138645	165263	2.84%	0.192%
84	11.551	861	863	866	rVB2	74934	105211	1.81%	0.122%
85	11.642	869	871	872	rBV	136635	139746	2.40%	0.162%
86	11.745	879	880	886	rVB3	120978	285136	4.90%	0.331%
87	12.191	917	919	923	rVB2	66358	103204	1.77%	0.120%
88	12.728	963	966	969	rBV	5001836	5816964	100.00%	6.757%
89	13.642	1043	1046	1055	rVB	150100	275848	4.74%	0.320%
90	13.768	1055	1057	1060	rBV	1379615	1466311	25.21%	1.703%
91	14.614	1129	1131	1134	rBV	75964	86500	1.49%	0.100%
92	15.140	1174	1177	1180	rBV	878024	1047341	18.00%	1.217%

Sum of corrected areas: 86092143

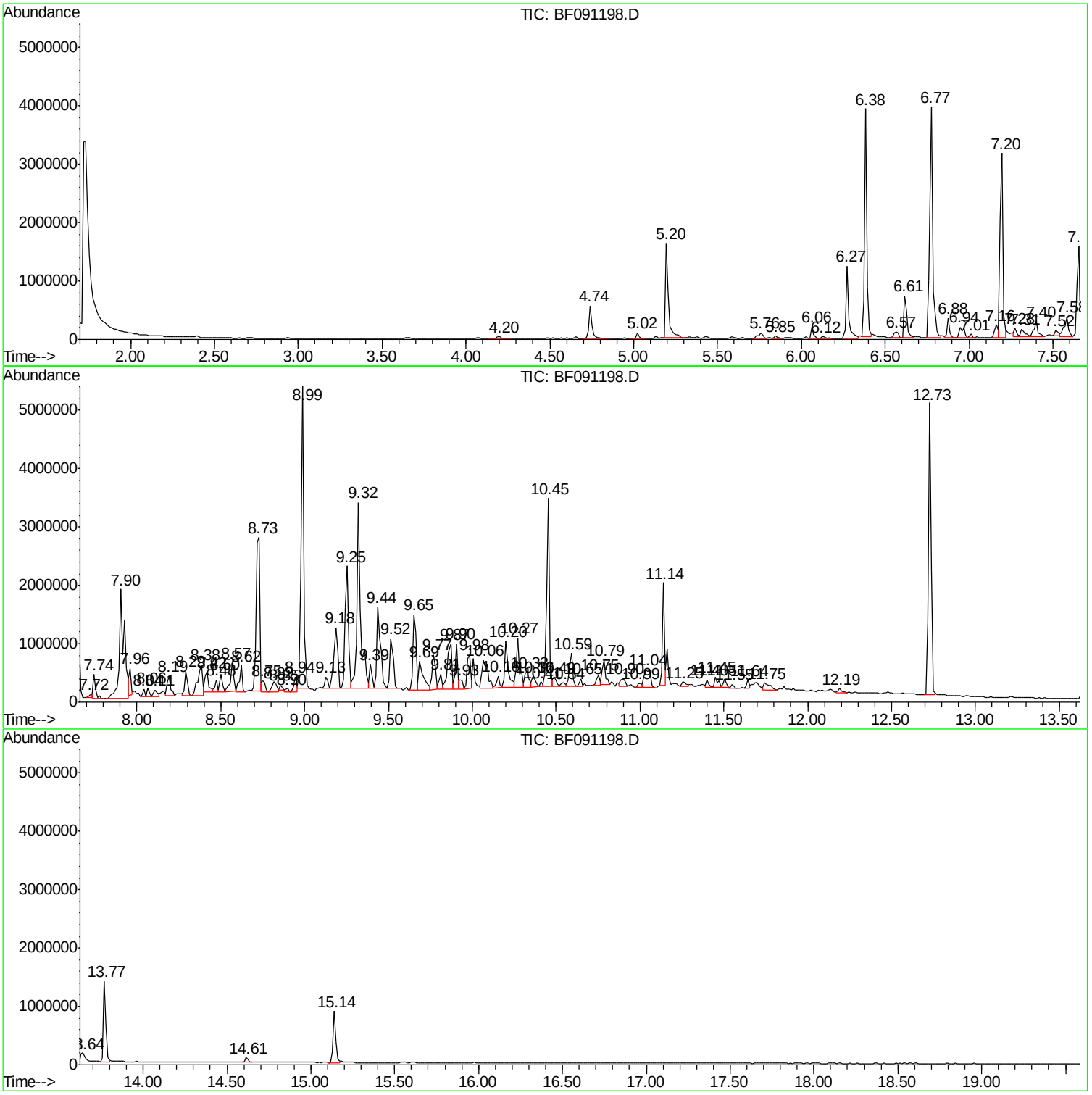
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

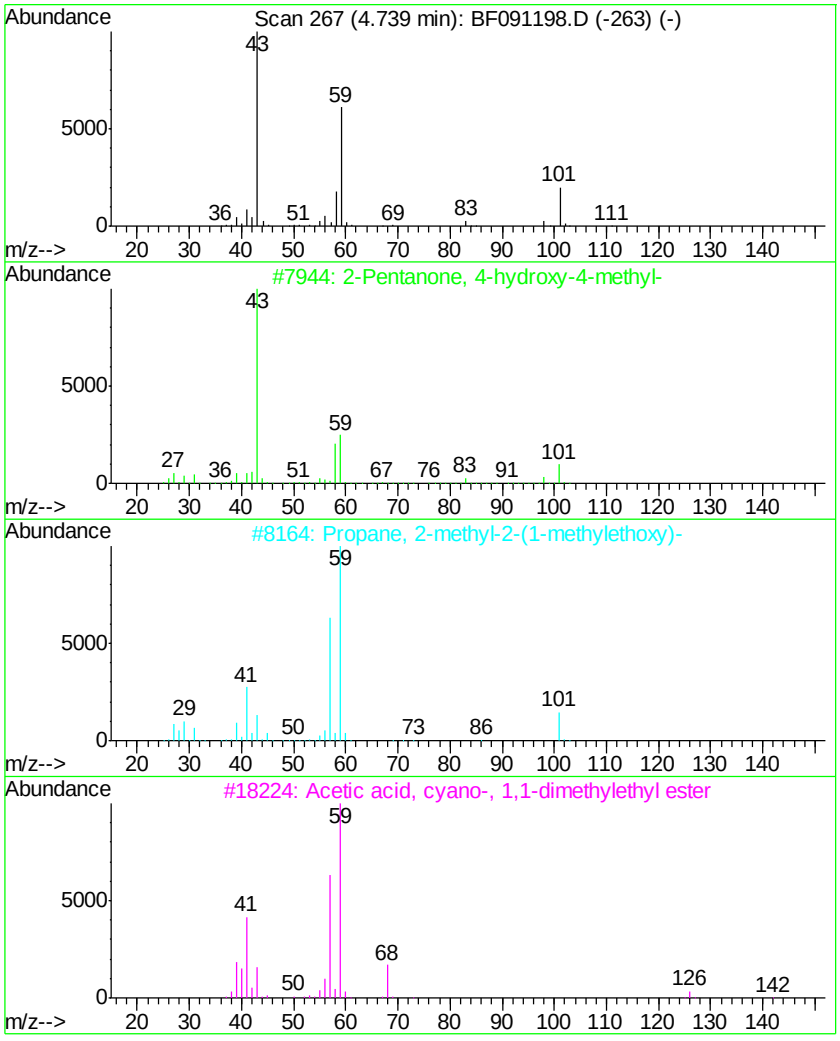
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

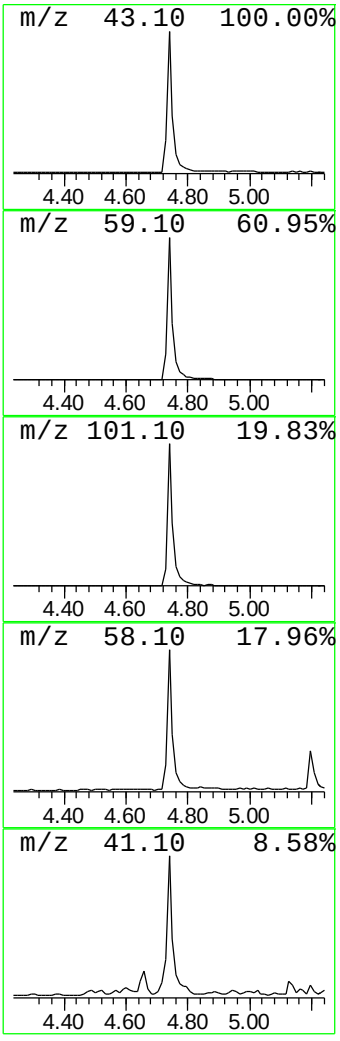
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	16.62 ng	778200	1,4-Dichlorobenzene-d4	6.61

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	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

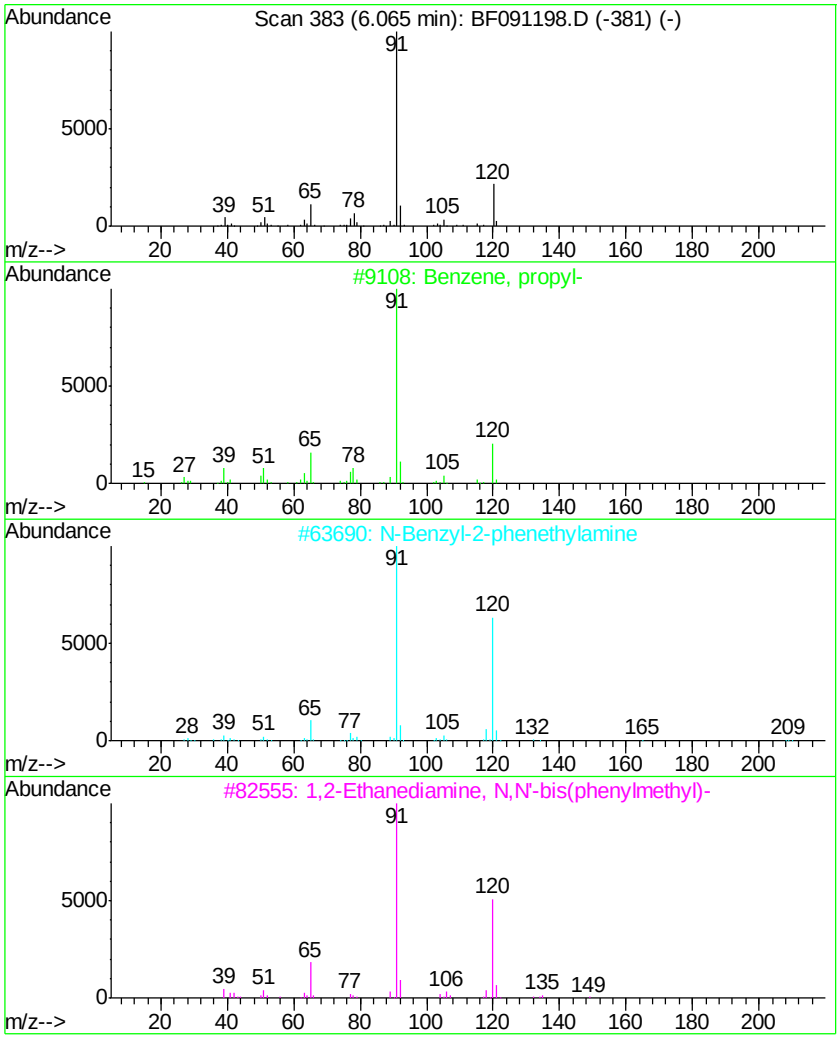
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

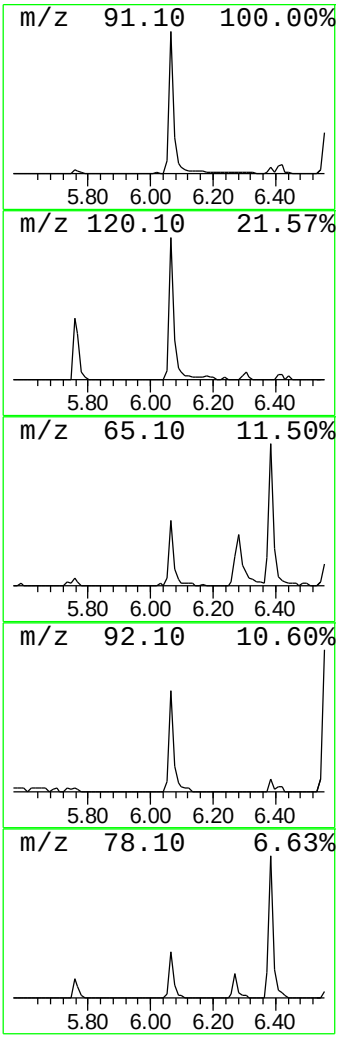
****

Peak Number 2 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	3.99 ng	186833	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5	Propanedinitrile, (1-methylethen...	196	C13H12N2	069564-95-0	47





Library Search Compound Report

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Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

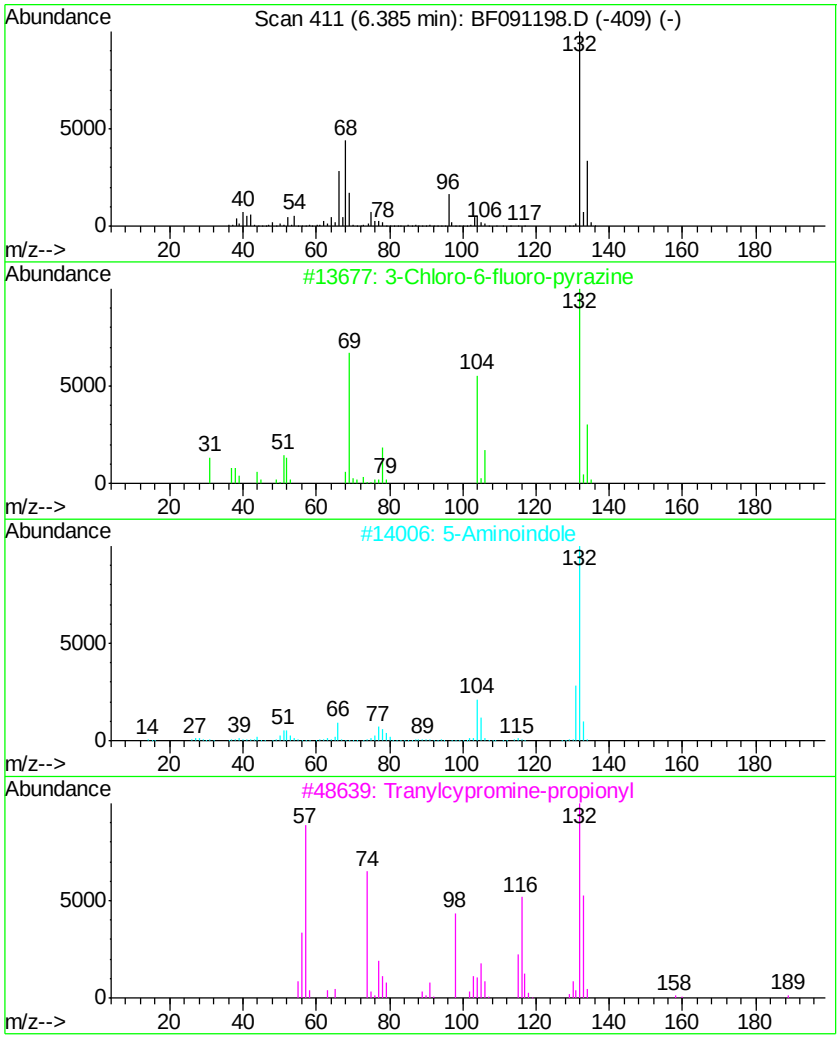
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

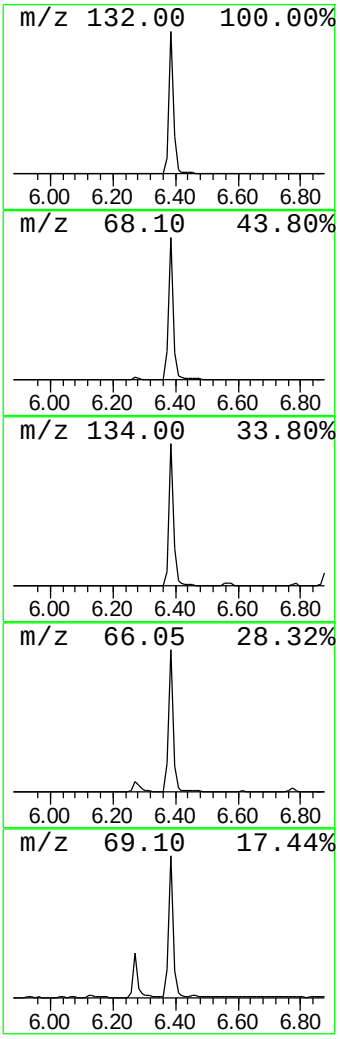
****

Peak Number 3 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	81.22 ng	3802110	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

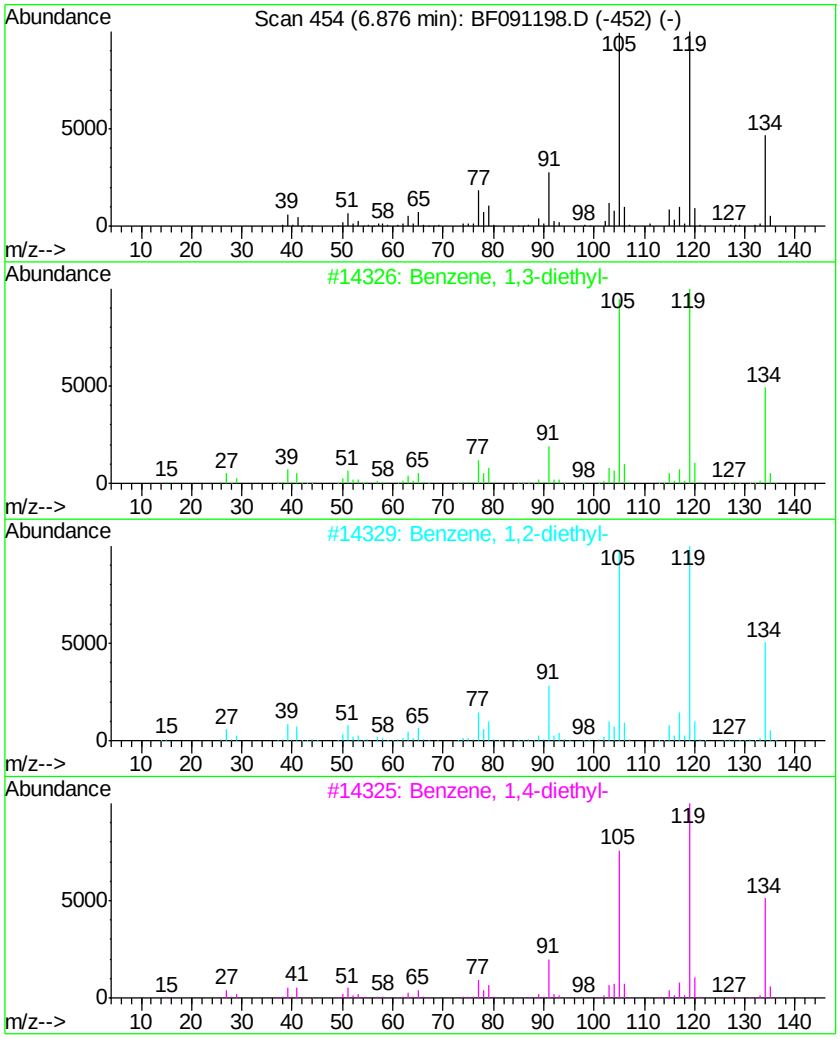
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

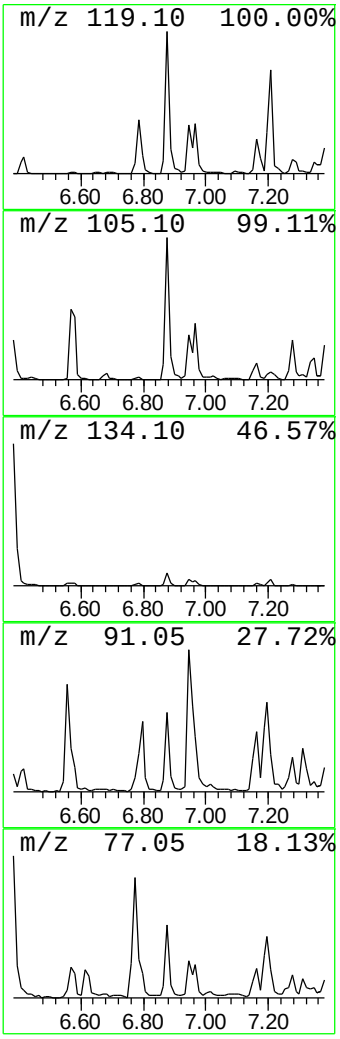
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	7.19 ng	336811	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

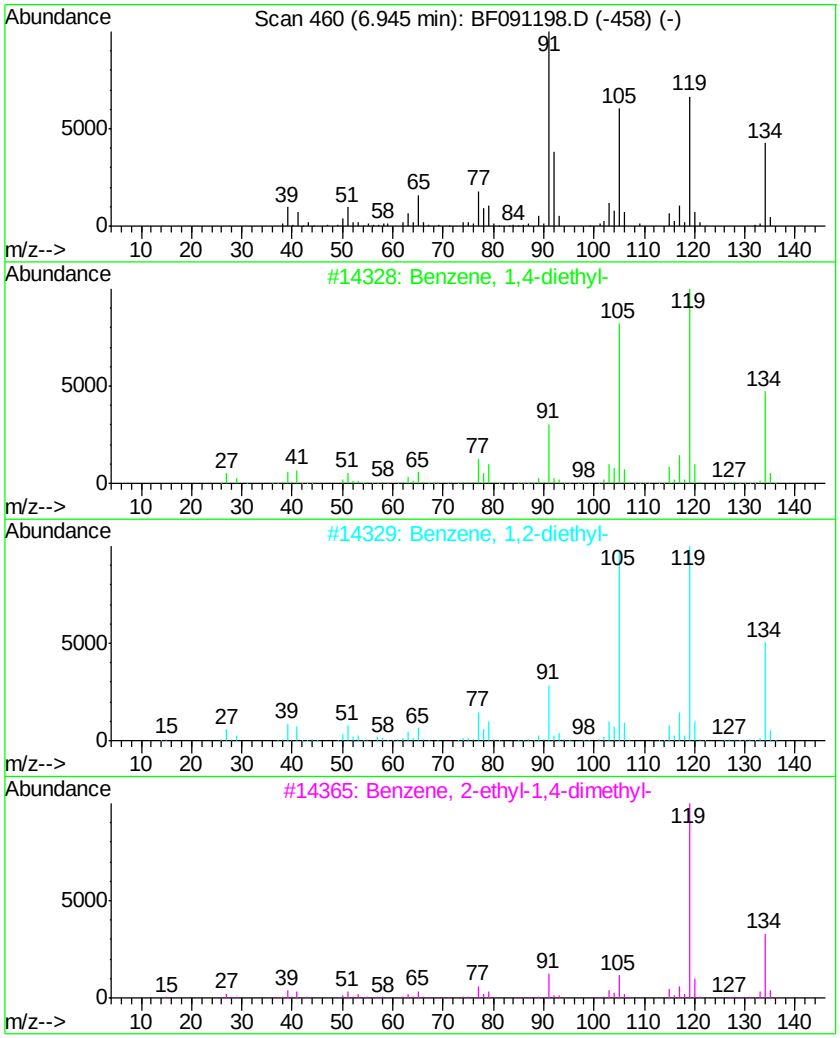
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

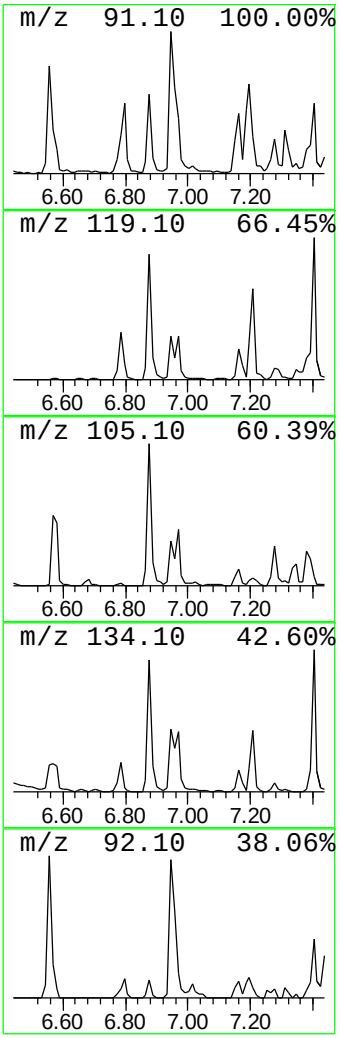
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	7.26 ng	339829	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

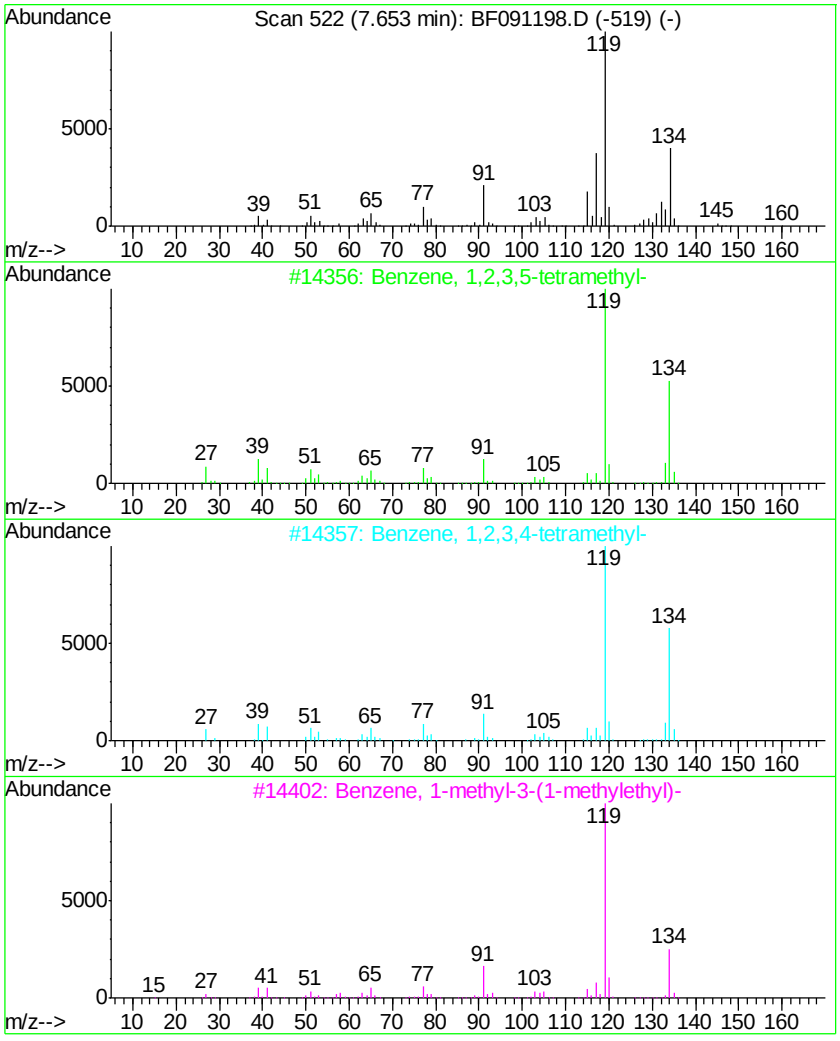
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

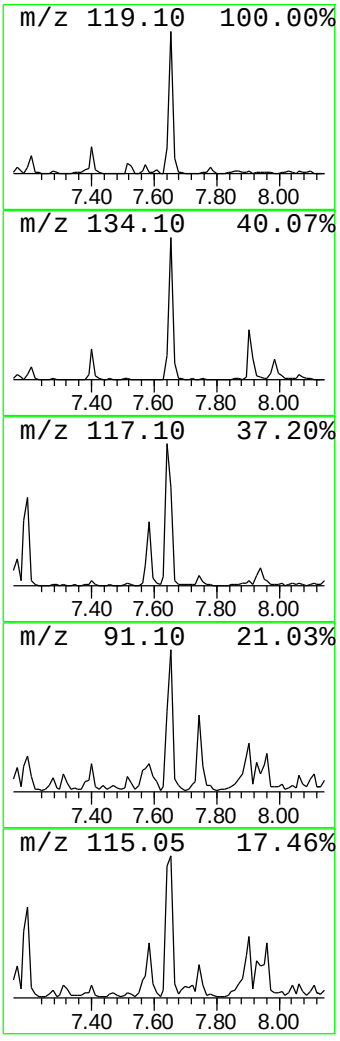
****

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	9.34 ng	1851650	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
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Instrument : BNA_F
ClientSampleId : C19033041

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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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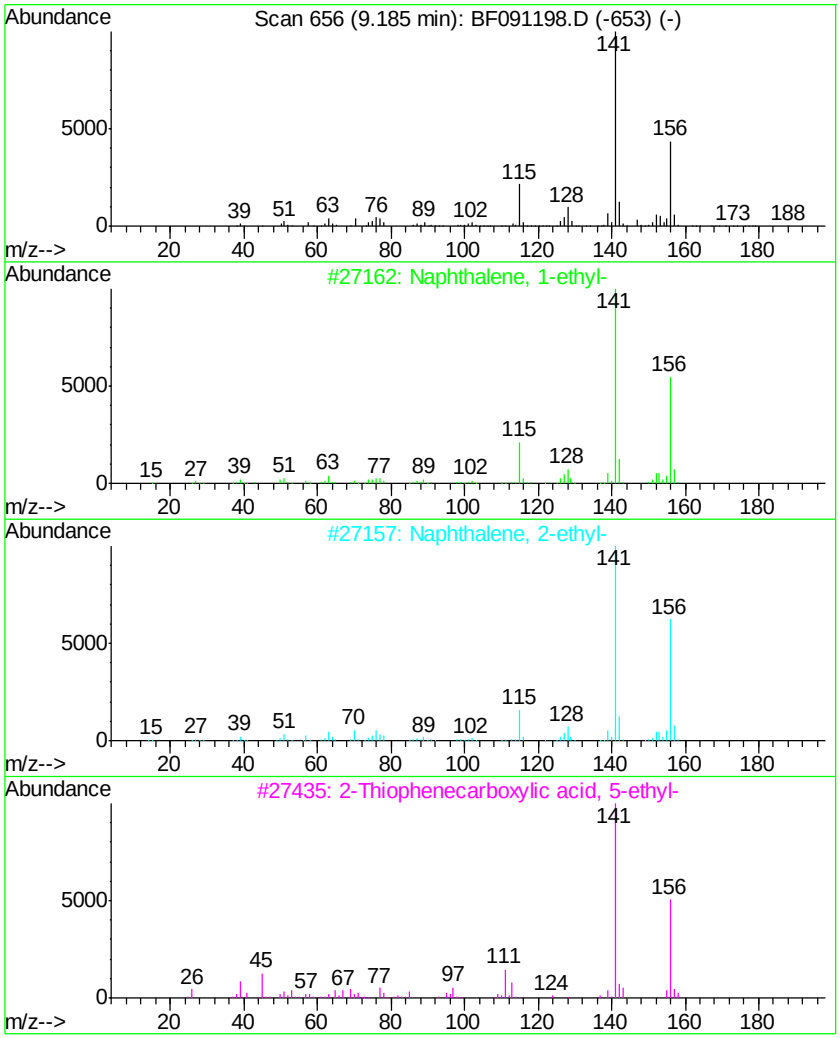
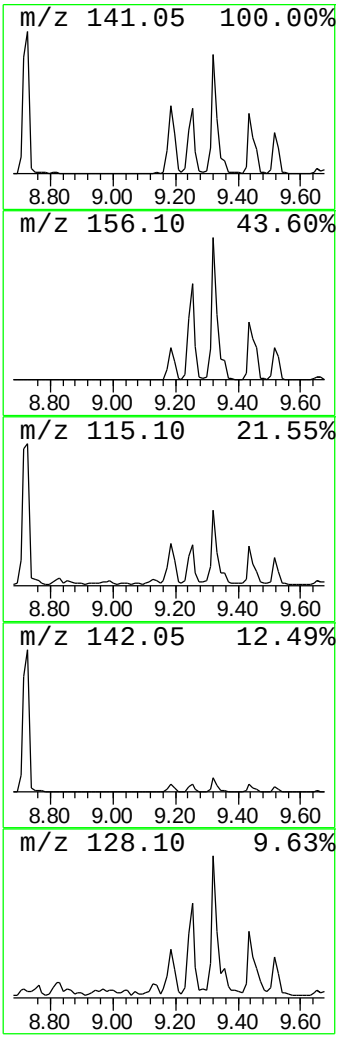
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	17.42 ng	1579030	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49





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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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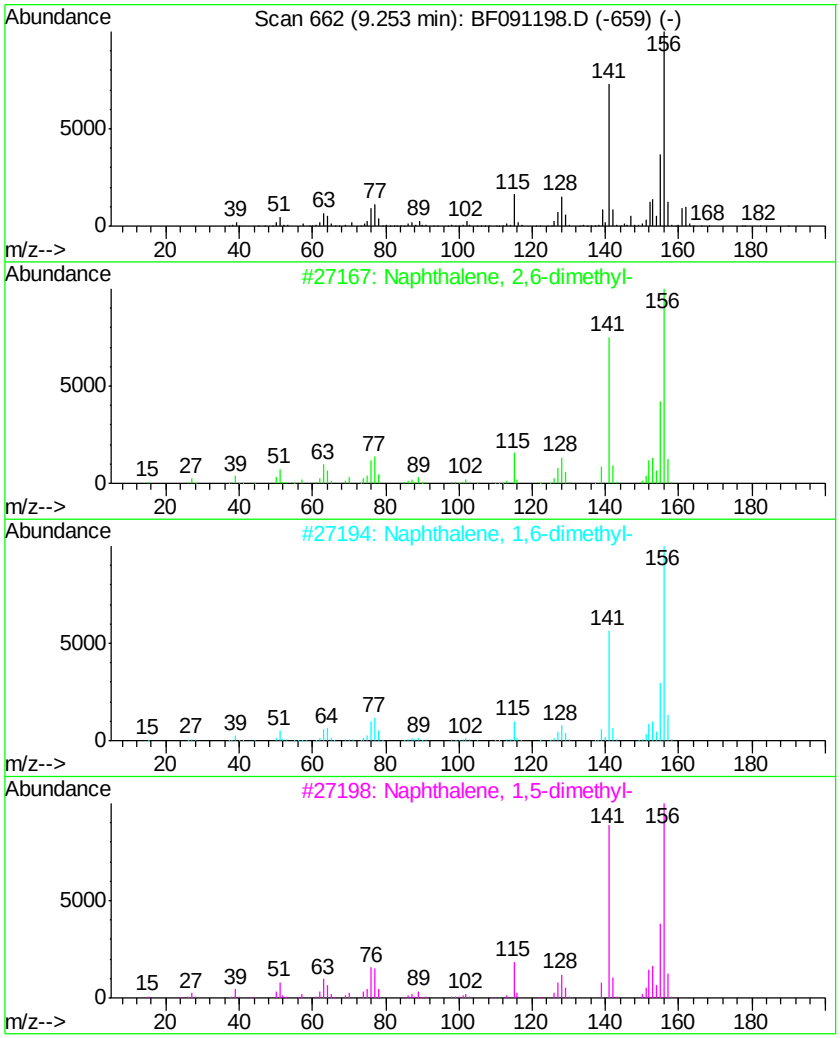
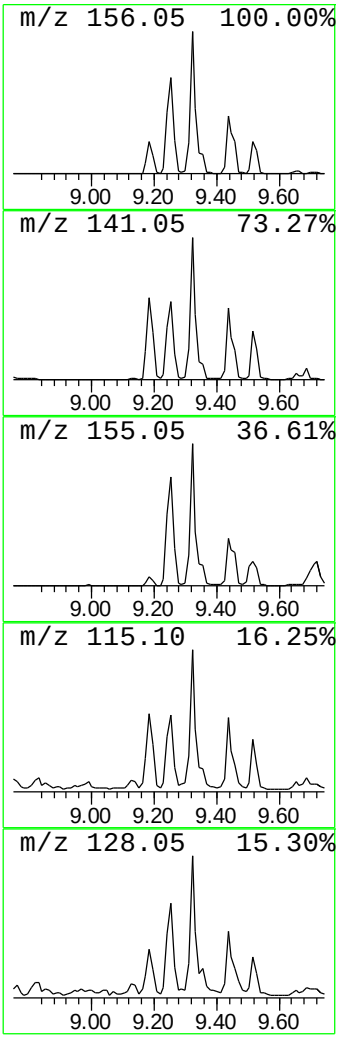
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	33.44 ng	3030840	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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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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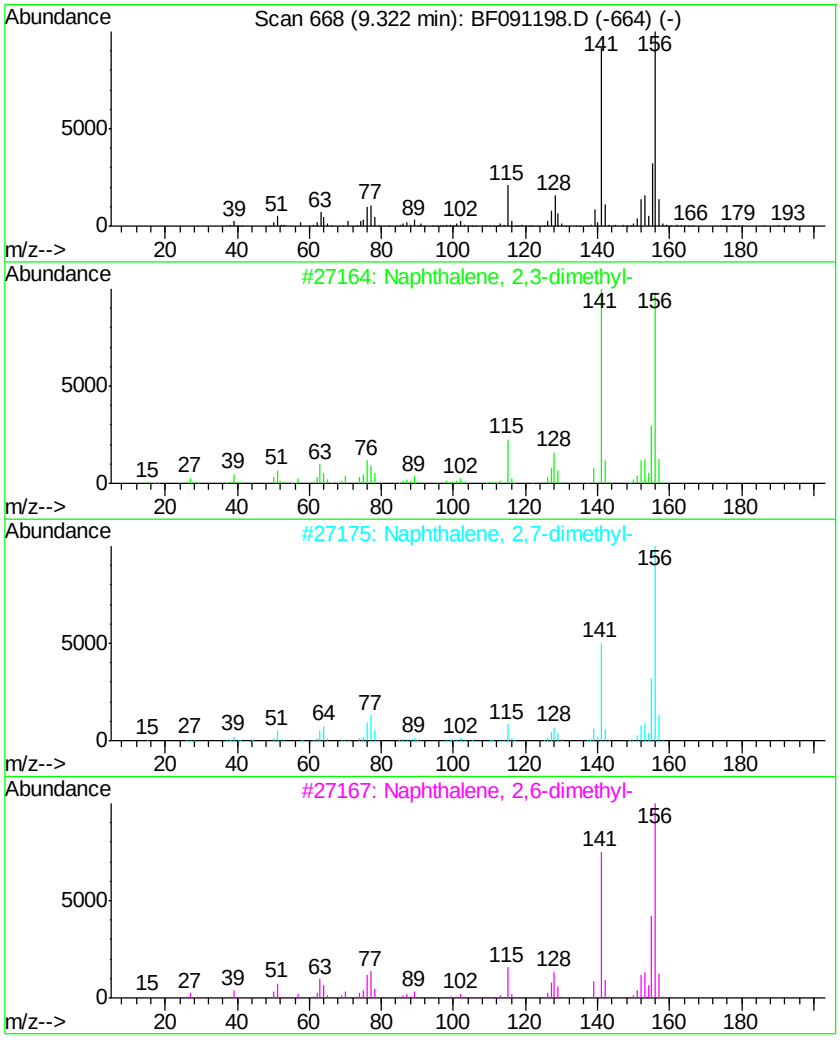
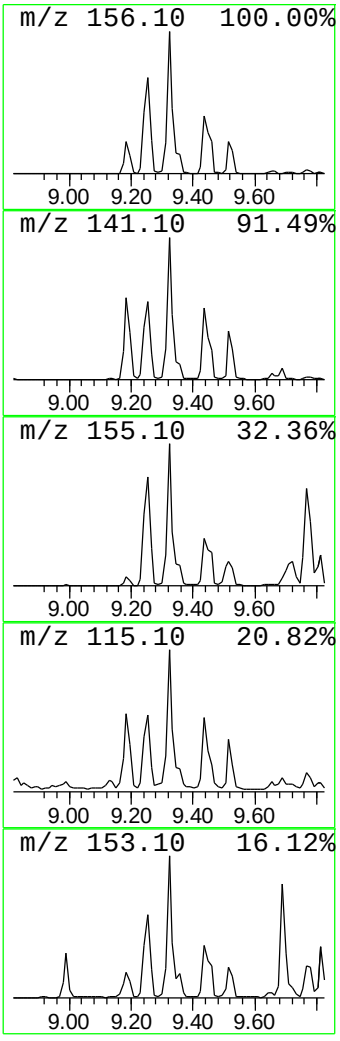
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	54.54 ng	4944200	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Misc :
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Instrument : BNA_F
ClientSampleId : C19033041

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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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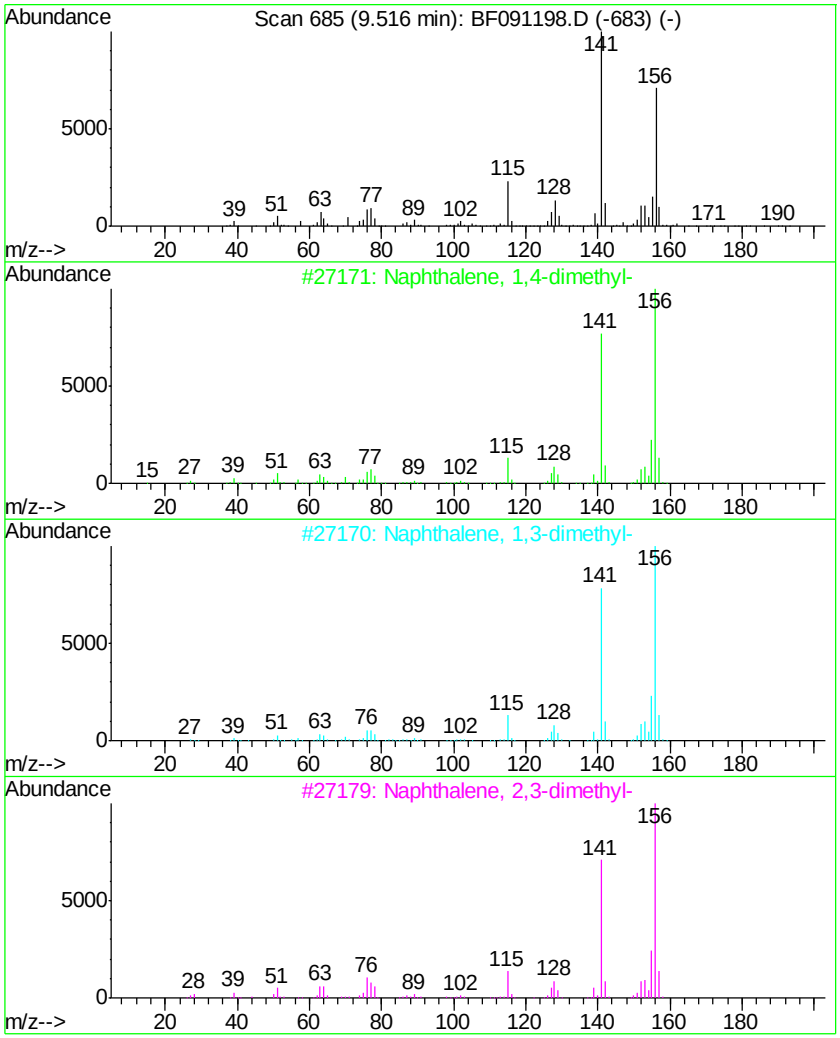
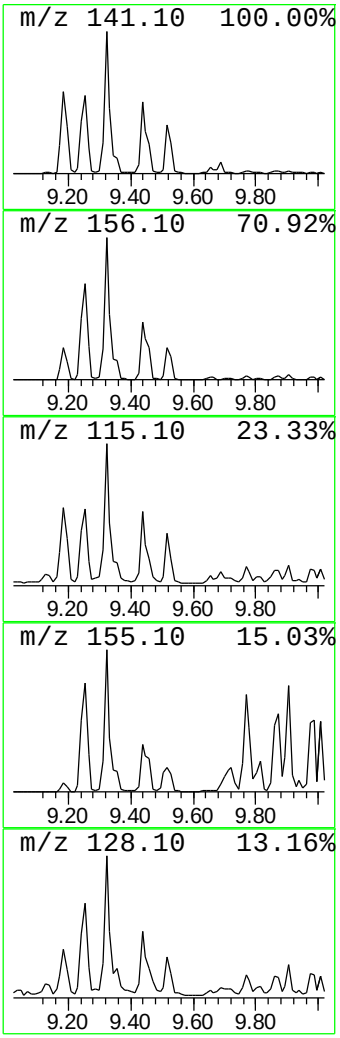
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	11.59 ng	1050490	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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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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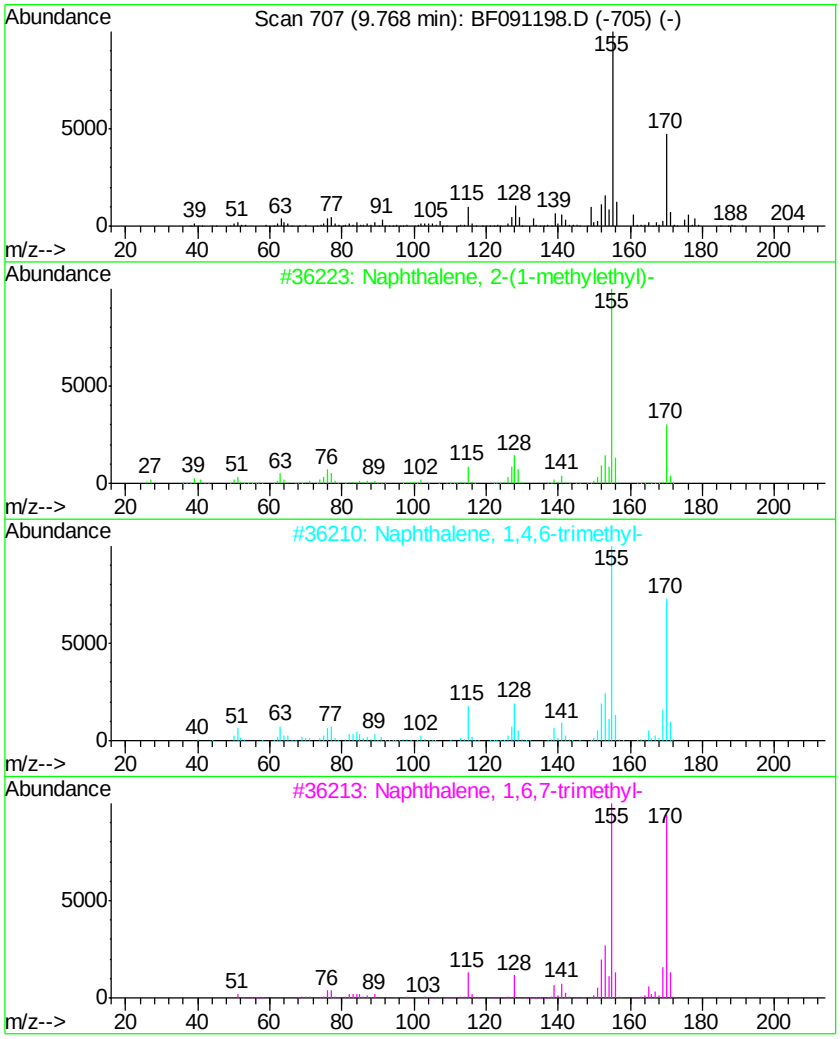
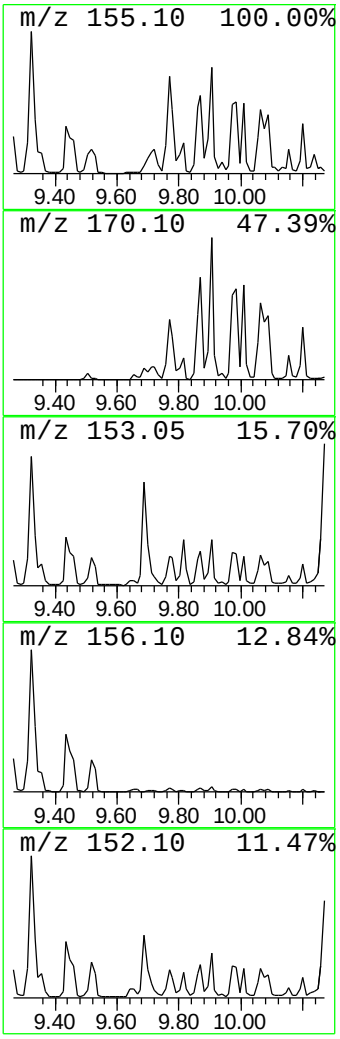
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	9.61 ng	870671	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	64





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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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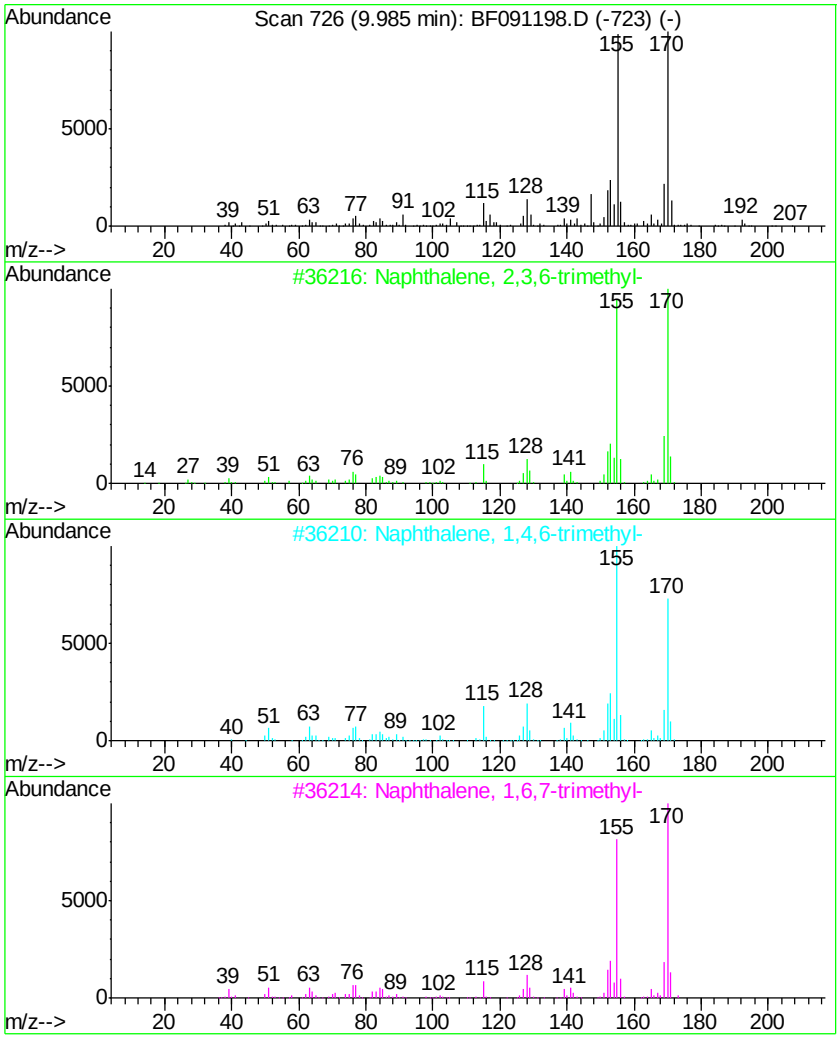
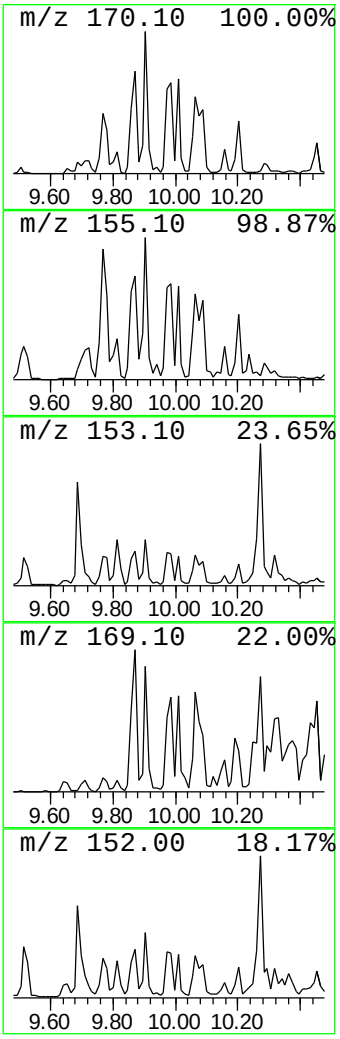
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.70 ng	879451	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90





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Misc :
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Instrument : BNA_F
ClientSampleId : C19033041

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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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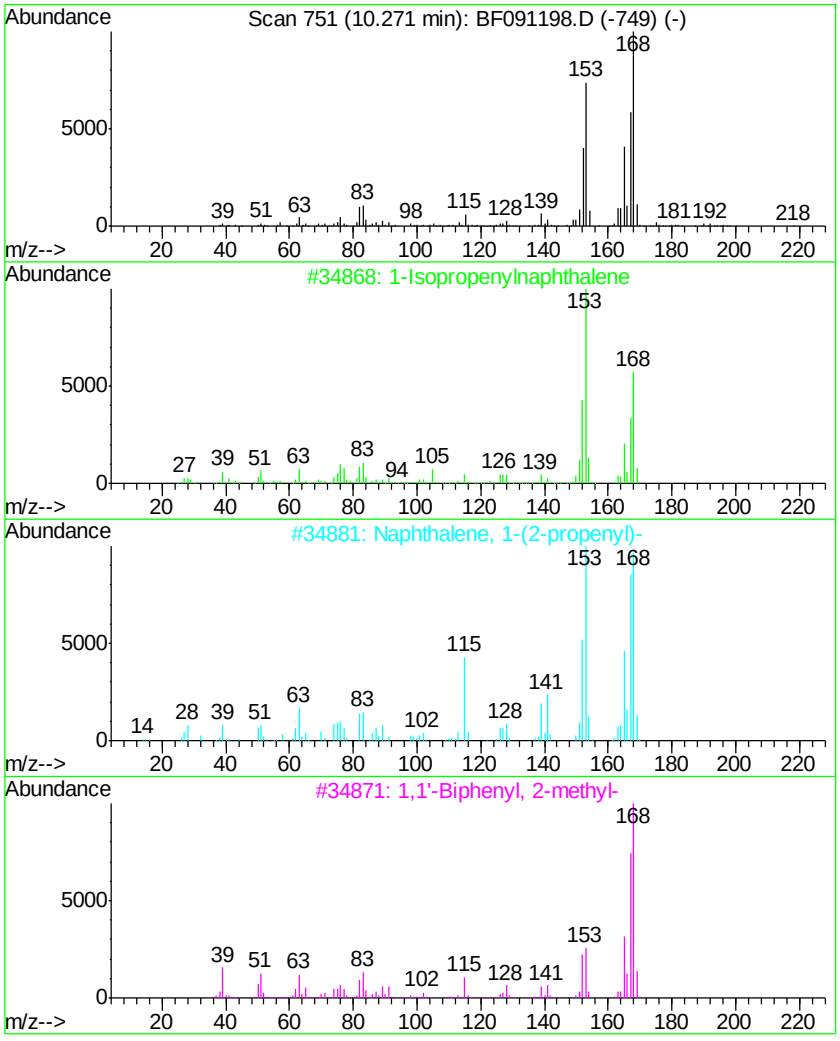
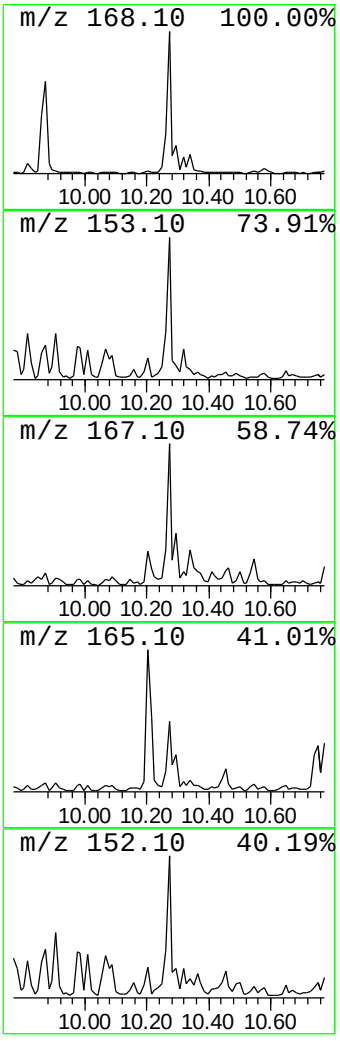
Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	12.72 ng	1152910	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46





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

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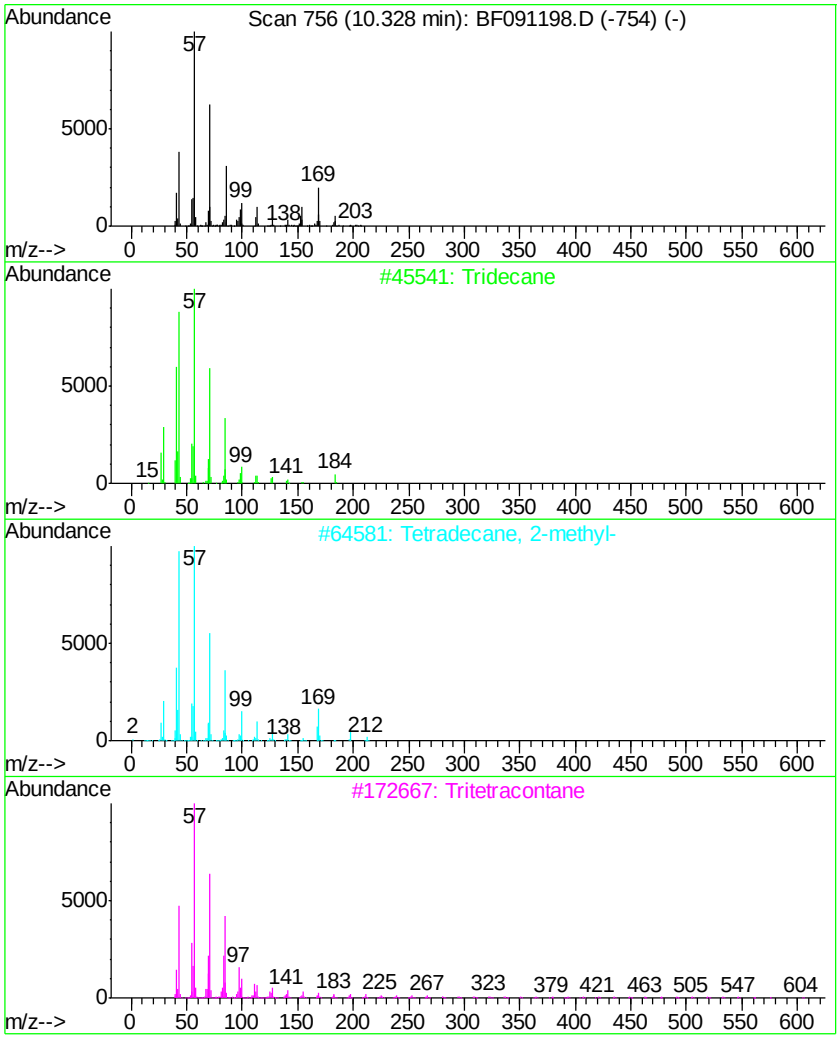
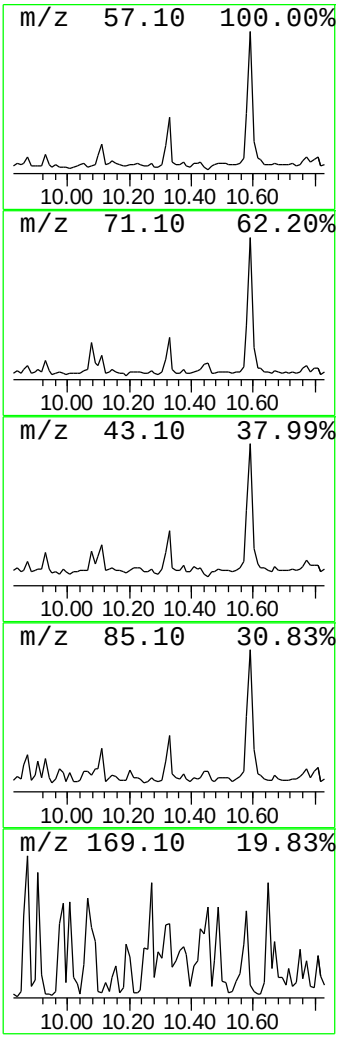
Peak Number 17 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.32 ng	482571	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
3	Tritetracontane	605	C43H88	007098-21-7	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Eicosane	282	C20H42	000112-95-8	58





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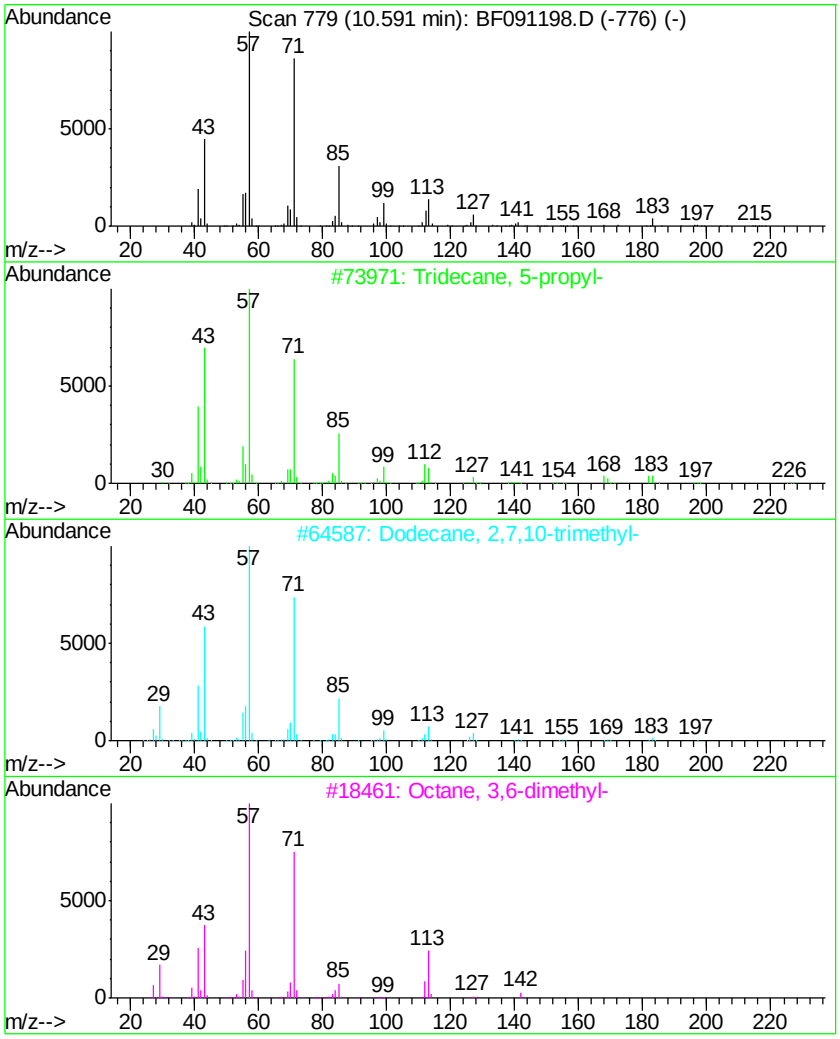
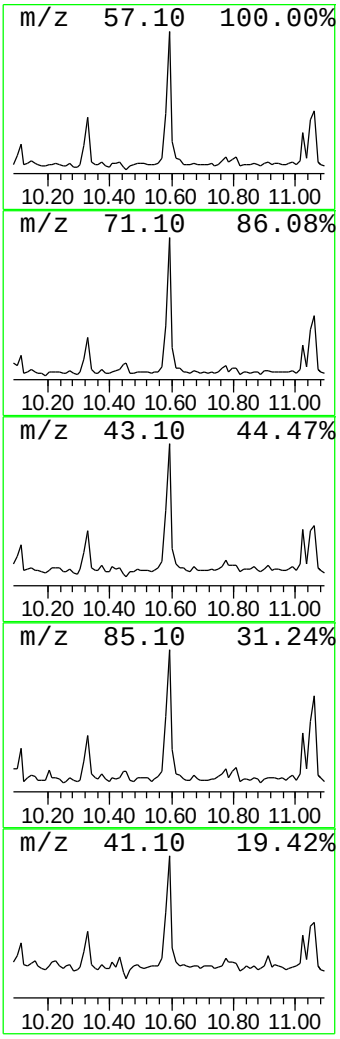
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	10.00 ng	766800	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53





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

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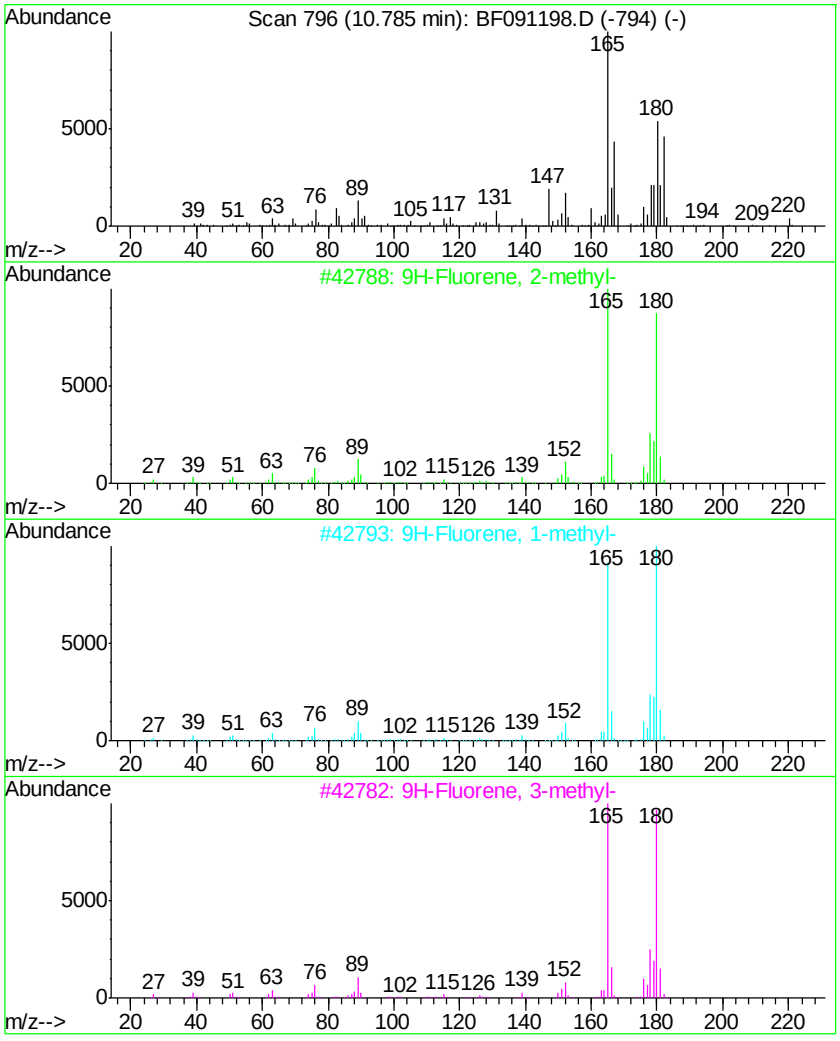
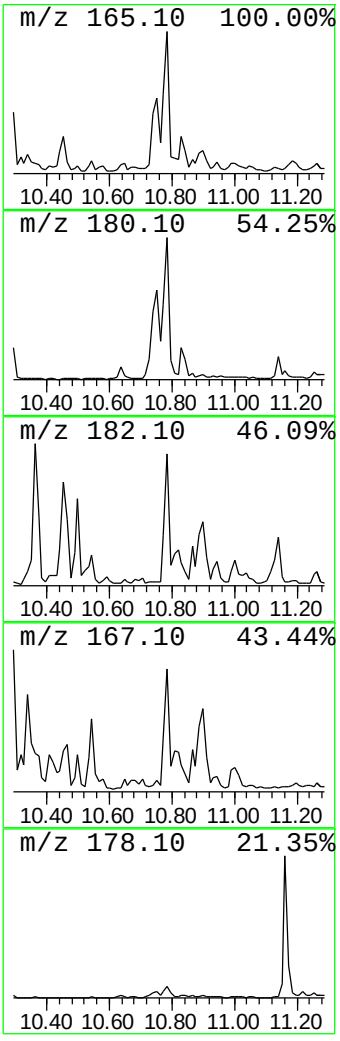
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	7.64 ng	585635	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	45





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TIC Library : C:\DATABASE\NIST02.L
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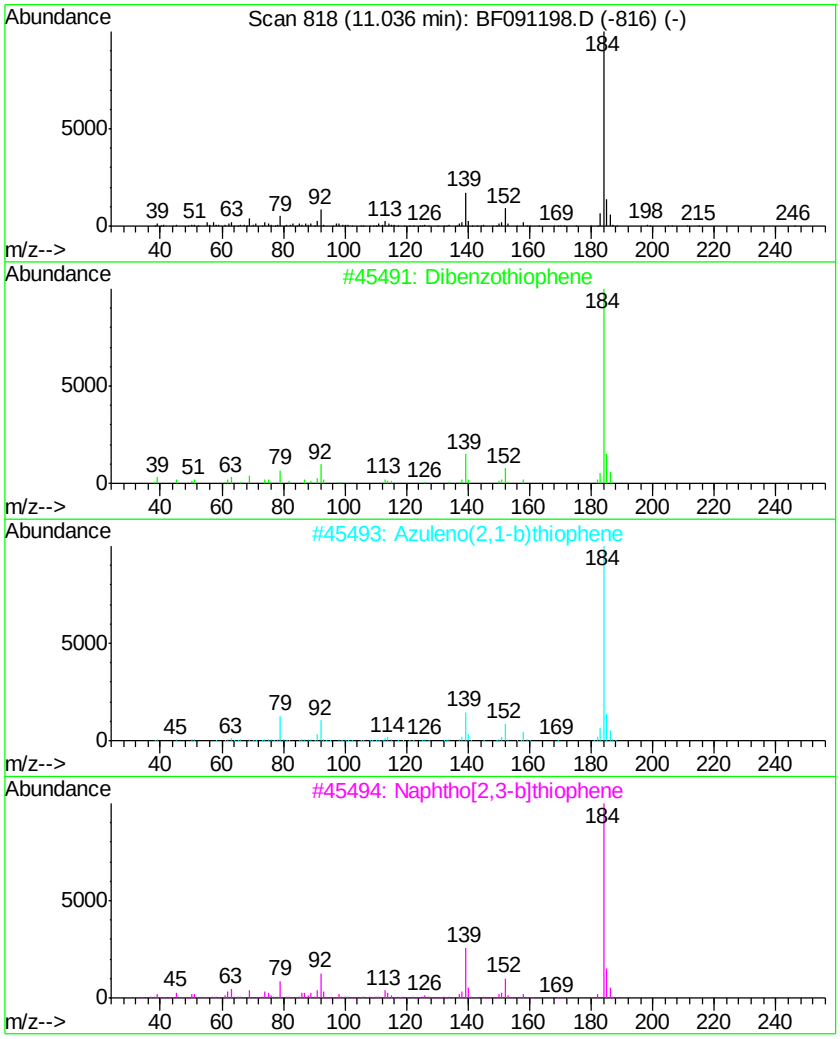
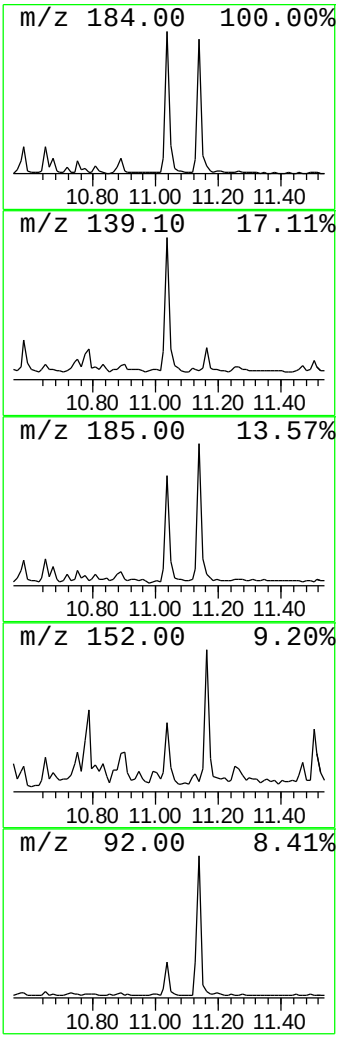
Peak Number 20 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	9.92 ng	760747	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72





Tentatively Identified Compound (LSC) summary

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Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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...	4.74	16.6	ng	778200	1	6.61	936298	20.0
Benzene, propyl-	6.06	4.0	ng	186833	1	6.61	936298	20.0
unknown6.38	6.38	81.2	ng	3802110	1	6.61	936298	20.0
Benzene, 1,3-diet...	6.88	7.2	ng	336811	1	6.61	936298	20.0
Benzene, 1,4-diet...	6.94	7.3	ng	339829	1	6.61	936298	20.0
Benzene, 1,2,3,5-...	7.65	9.3	ng	1851650	2	7.90	3965150	20.0
Naphthalene, 1-et...	9.18	17.4	ng	1579030	3	9.65	1812900	20.0
Naphthalene, 2,6-...	9.25	33.4	ng	3030840	3	9.65	1812900	20.0
Naphthalene, 2,3-...	9.32	54.5	ng	4944200	3	9.65	1812900	20.0
Naphthalene, 1,4-...	9.52	11.6	ng	1050490	3	9.65	1812900	20.0
Naphthalene, 2-(1...	9.77	9.6	ng	870671	3	9.65	1812900	20.0
Naphthalene, 2,3,...	9.98	9.7	ng	879451	3	9.65	1812900	20.0
1-Isopropenylnaph...	10.27	12.7	ng	1152910	3	9.65	1812900	20.0
Tridecane	10.33	5.3	ng	482571	3	9.65	1812900	20.0
Tridecane, 5-propyl-	10.59	10.0	ng	766800	4	11.14	1533030	20.0
9H-Fluorene, 2-me...	10.79	7.6	ng	585635	4	11.14	1533030	20.0
Dibenzothiophene	11.04	9.9	ng	760747	4	11.14	1533030	20.0