LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.555	143	146	156	rVB	41710	89256	1.82%	0.142%
2	4.893	262	263	275	rVB	210206	418360	8.52%	0.665%
3	5.338	301	302	312	rBV	1499248	2802558	57.05%	4.458%
4	5.750	333	338	340	rBV3	30359	87389	1.78%	0.139%
5	5.887	346	350	353	rBV	145573	213725	4.35%	0.340%
6	6.196	375	377	380	rBV	253187	266688	5.43%	0.424%
7	6.253	380	382	387	rVB3	51242	70921	1.44%	0.113%
8	6.401	394	395	403	rBV	1298017	1958536	39.87%	3.115%
9	6.516	403	405	408	rBV	3192213	4213331	85.77%	6.702%
10	6.699	417	421	423	rBV2	292893	398824	8.12%	0.634%
11	6.744	423	425	429	rVB	1109657	1164830	23.71%	1.853%
12	6.904	436	439	445	rBV	4105782	4466785	90.93%	7.105%
13	6.996	445	447	450	rVV	653200	576858	11.74%	0.918%
14	7.087	451	455	458	rVV2	480331	731979	14.90%	1.164%
15	7.133	458	459	461	rVB	79574	64905	1.32%	0.103%
16	7.281	469	472	474	rBV	785821	974327	19.83%	1.550%
17	7.327	474	476	478	rVV2	3748008	4414934	89.87%	7.022%
18	7.396	480	482	484	rVV	239391	272407	5.55%	0.433%
19	7.441	484	486	487	rVV	179413	233880	4.76%	0.372%
20	7.521	490	493	494	rVV	1019810	1011978	20.60%	1.610%
21	7.544	494	495	498	rVV3	164833	244562	4.98%	0.389%
22	7.636	502	503	505	rVB	142663	109413	2.23%	0.174%
23	7.681	505	507	512	rVB3	416901	804248	16.37%	1.279%
24	7.773	512	515	516	rBV	640571	678455	13.81%	1.079%
25	7.807	516	518	520	rVB	154299	152076	3.10%	0.242%
26	7.841	520	521	523	rBV	110569	142568	2.90%	0.227%
27	7.899	525	526	528	rVB	163012	191237	3.89%	0.304%
28	7.979	528	533	534	rBV2	115017	218341	4.44%	0.347%
29	8.036	535	538	541	rVV	1812999	2604502	53.02%	4.143%
30	8.082	541	542	544	rVV	525368	395632	8.05%	0.629%
31	8.127	544	546	547	rVB	160775	154232	3.14%	0.245%
32	8.162	547	549	552	rBV3	123253	212562	4.33%	0.338%
33	8.230	552	555	557	rBV	501499	491829	10.01%	0.782%
34	8.276	557	559	561	rVB	417587	398186	8.11%	0.633%

LSC Area Percent Report

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Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.310	561	562	565	rVB3	104549	189713	3.86%	0.302%
36	8.356	565	566	569	rBV2	58966	98299	2.00%	0.156%
37	8.413	569	571	574	rVB3	267309	349921	7.12%	0.557%
38	8.504	574	579	581	rBV3	264162	524961	10.69%	0.835%
39	8.562	582	584	586	rVV2	89783	93024	1.89%	0.148%
40	8.596	586	587	588	rVB	132791	91028	1.85%	0.145%
41	8.630	588	590	593	rBV4	103012	262999	5.35%	0.418%
42	8.687	593	595	597	rVB	565304	596211	12.14%	0.948%
43	8.722	597	598	601	rVB2	151835	152177	3.10%	0.242%
44	8.779	601	603	605	rBV2	88576	100903	2.05%	0.160%
45	8.847	605	609	614	rBV	1864656	2237381	45.55%	3.559%
46	8.950	614	618	619	rBV3	101668	195925	3.99%	0.312%
47	9.042	624	626	629	rVV3	133885	333521	6.79%	0.530%
48	9.110	629	632	634	rVV	5147970	4912459	100.00%	7.814%
49	9.156	634	636	638	rVV2	45310	86273	1.76%	0.137%
50	9.259	641	645	646	rVV2	143826	267927	5.45%	0.426%
51	9.282	646	647	649	rVV2	106558	160626	3.27%	0.255%
52	9.316	649	650	653	rVB	133506	108866	2.22%	0.173%
53	9.373	653	655	657	rBV3	78672	150283	3.06%	0.239%
54	9.442	657	661	663	rVV	178593	430550	8.76%	0.685%
55	9.510	666	667	668	rVV	139138	119857	2.44%	0.191%
56	9.579	669	673	676	rVB3	158241	396326	8.07%	0.630%
57	9.647	676	679	681	rVB2	188948	236885	4.82%	0.377%
58	9.705	682	684	687	rVB2	66475	101854	2.07%	0.162%
59	9.785	688	691	693	rBV	1827036	1698803	34.58%	2.702%
60	9.819	693	694	696	rVB2	82407	100118	2.04%	0.159%
61	9.933	702	704	705	rBV	37724	55319	1.13%	0.088%
62	9.979	705	708	711	rVV2	245097	436862	8.89%	0.695%
63	10.025	711	712	714	rVV2	112224	141945	2.89%	0.226%
64	10.105	716	719	722	rVV3	153154	307759	6.26%	0.490%
65	10.207	726	728	731	rVB2	237735	359747	7.32%	0.572%
66	10.333	737	739	742	rVB3	81799	93908	1.91%	0.149%
67	10.482	749	752	754	rBV3	56617	93591	1.91%	0.149%
68	10.539	754	757	758	rBV	539863	613914	12.50%	0.976%
69	10.585	758	761	763	rVB	1884456	2797245	56.94%	4.449%
70	10.722	768	773	775	rVV3	409142	749813	15.26%	1.193%
71	10.756	775	776	777	rVV	530862	468750	9.54%	0.746%

LSC Area Percent Report

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Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.790	777	779	781	rVV2	606613	835158	17.00%	1.328%
73	10.825	781	782	785	rVV2	563087	712033	14.49%	1.133%
74	10.905	785	789	790	rVV2	191091	470629	9.58%	0.749%
75	10.939	790	792	793	rVV2	345926	498250	10.14%	0.792%
76	10.973	793	795	796	rVV	524528	500988	10.20%	0.797%
77	11.008	796	798	801	rVB2	160337	328381	6.68%	0.522%
78	11.133	806	809	811	rBV2	114193	177307	3.61%	0.282%
79	11.168	811	812	815	rVB	77841	76500	1.56%	0.122%
80	11.270	819	821	823	rBV	1662645	1455885	29.64%	2.316%
81	11.476	837	839	842	rBV3	35989	61034	1.24%	0.097%
82	11.625	851	852	856	rVB	38476	50401	1.03%	0.080%
83	11.808	865	868	872	rVB3	73545	113703	2.31%	0.181%
84	12.048	887	889	893	rBV4	38088	69703	1.42%	0.111%
85	12.745	949	950	957	rVB2	33514	55817	1.14%	0.089%
86	12.859	957	960	962	rBV	2776588	3981188	81.04%	6.332%
87	13.751	1035	1038	1042	rBV	89834	138710	2.82%	0.221%
88	13.911	1050	1052	1055	rBV	1067954	991254	20.18%	1.577%
89	15.317	1172	1175	1180	rVB	781164	1008131	20.52%	1.603%

Sum of corrected areas: 62871129

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
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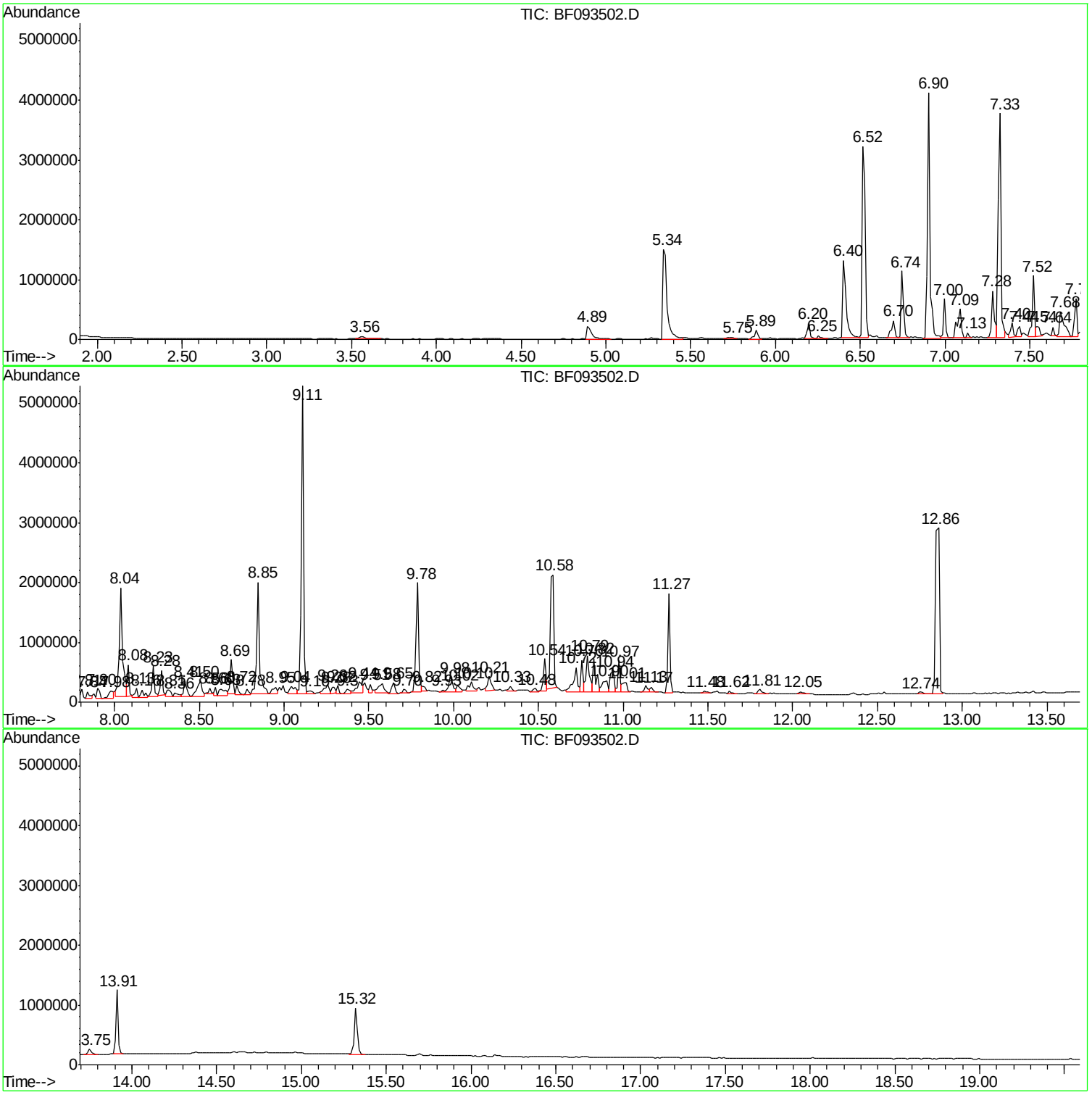
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

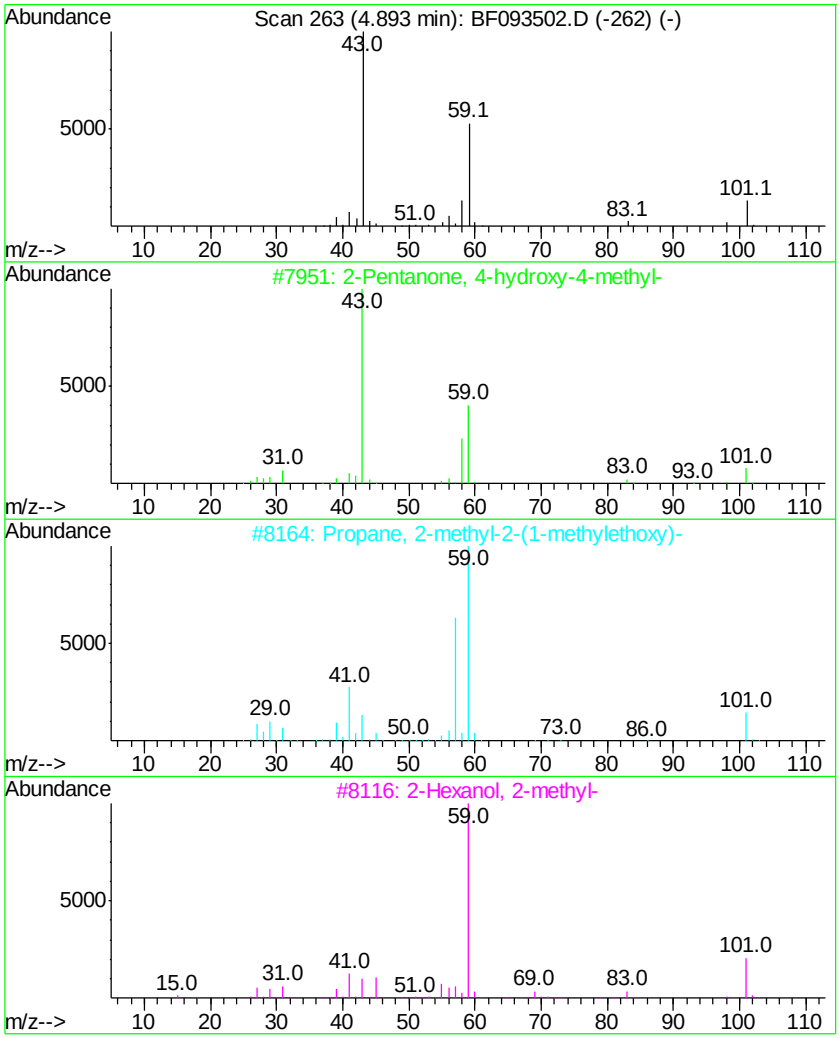
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

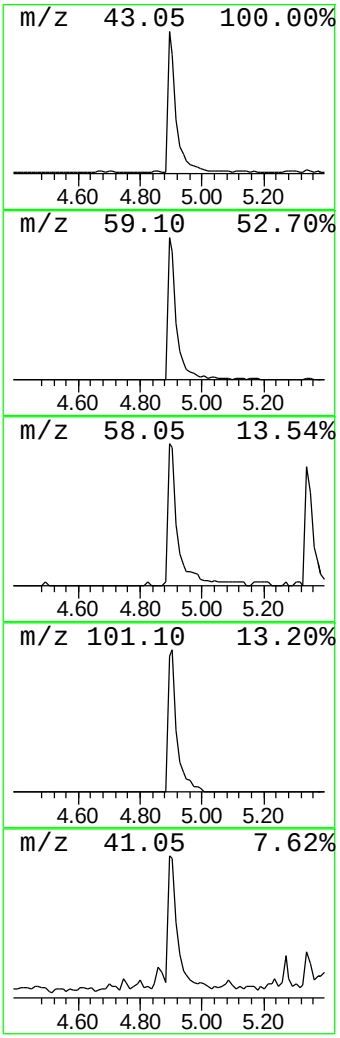
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	7.18 ng	418360	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

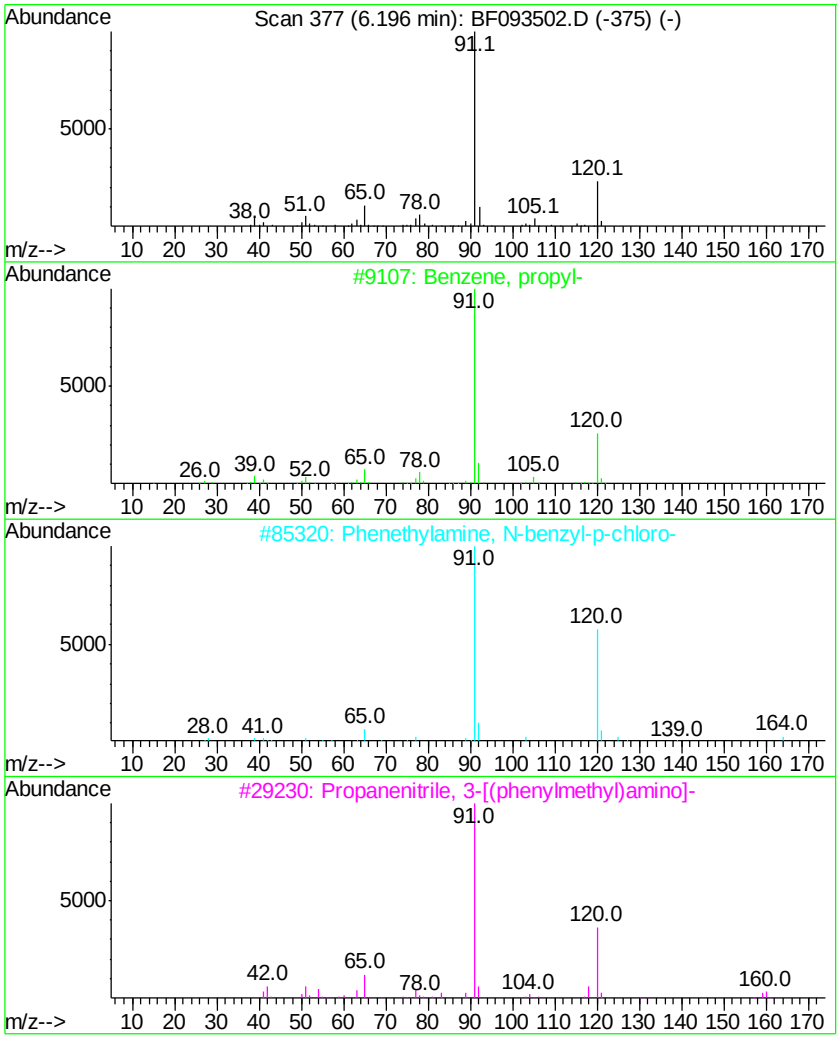
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

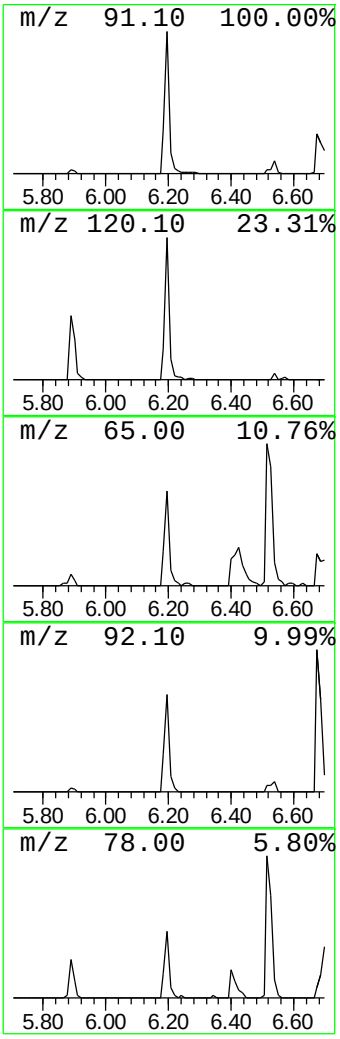
****

Peak Number 2 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.58 ng	266688	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53





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Data File : BF093502.D
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Sample : I2176-05
Misc :
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Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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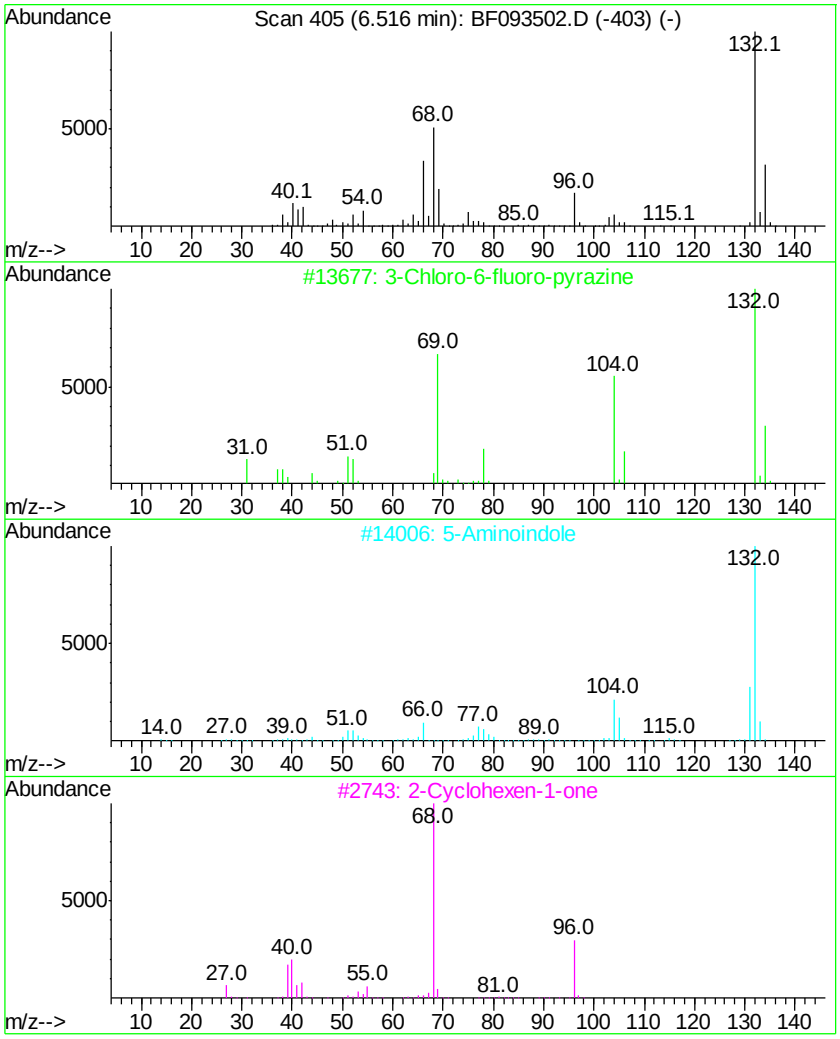
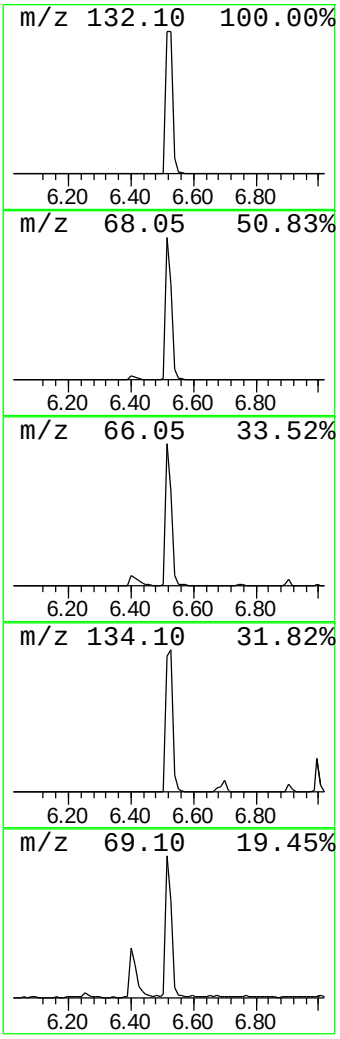
****

Peak Number 3 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	72.34 ng	4213330	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

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

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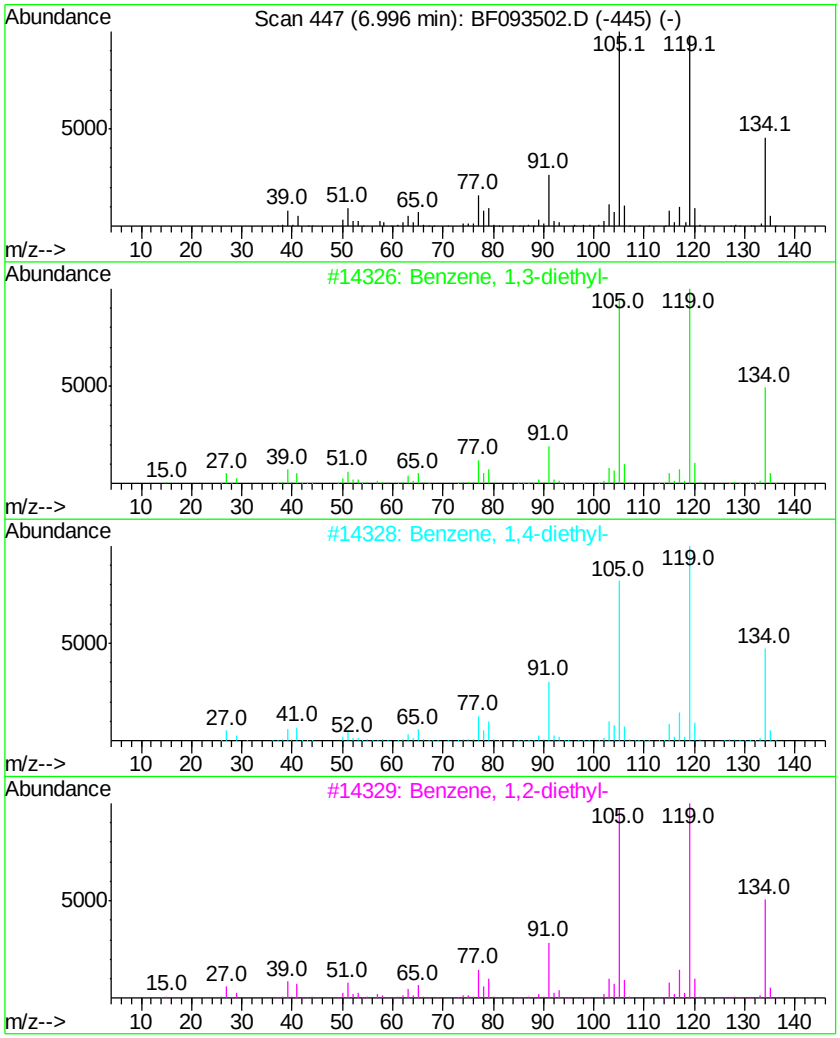
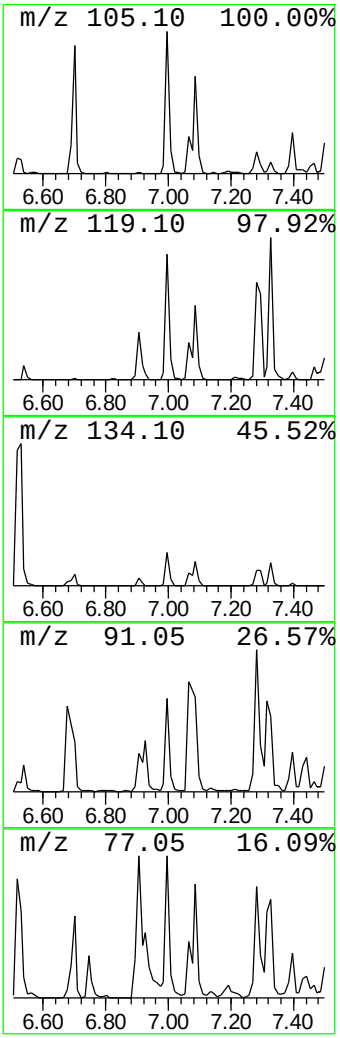
Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	9.90 ng	576858	1,4-Dichlorobenzene-d4	6.74

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	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
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	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

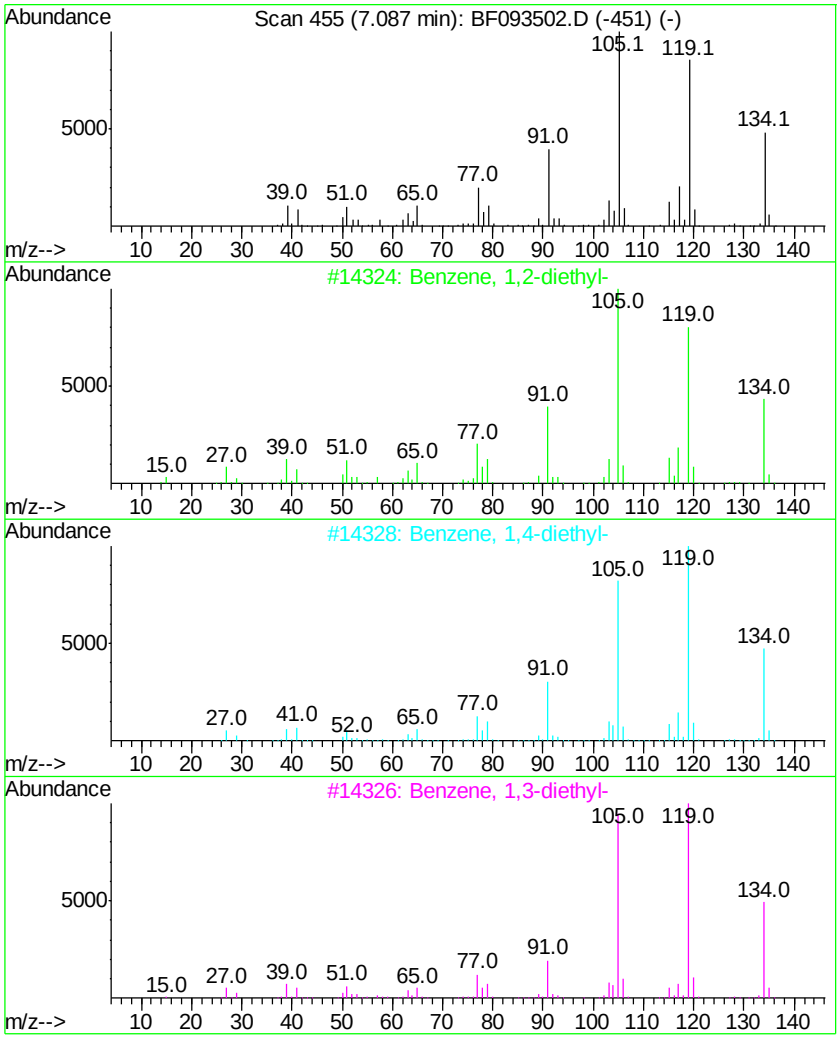
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

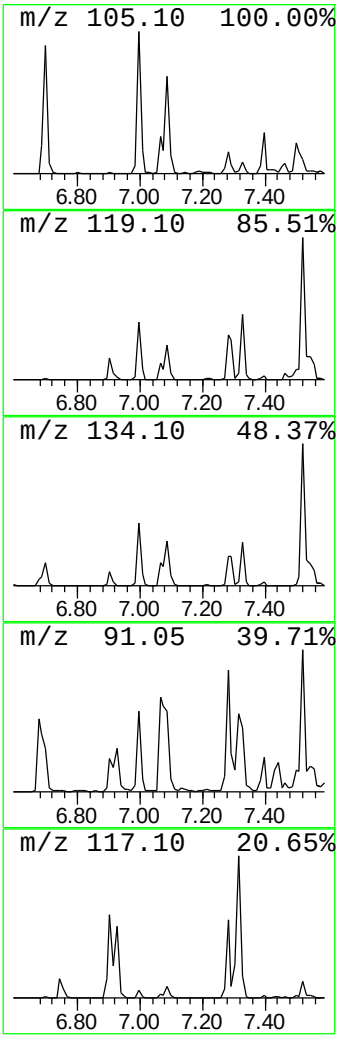
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	12.57 ng	731979	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

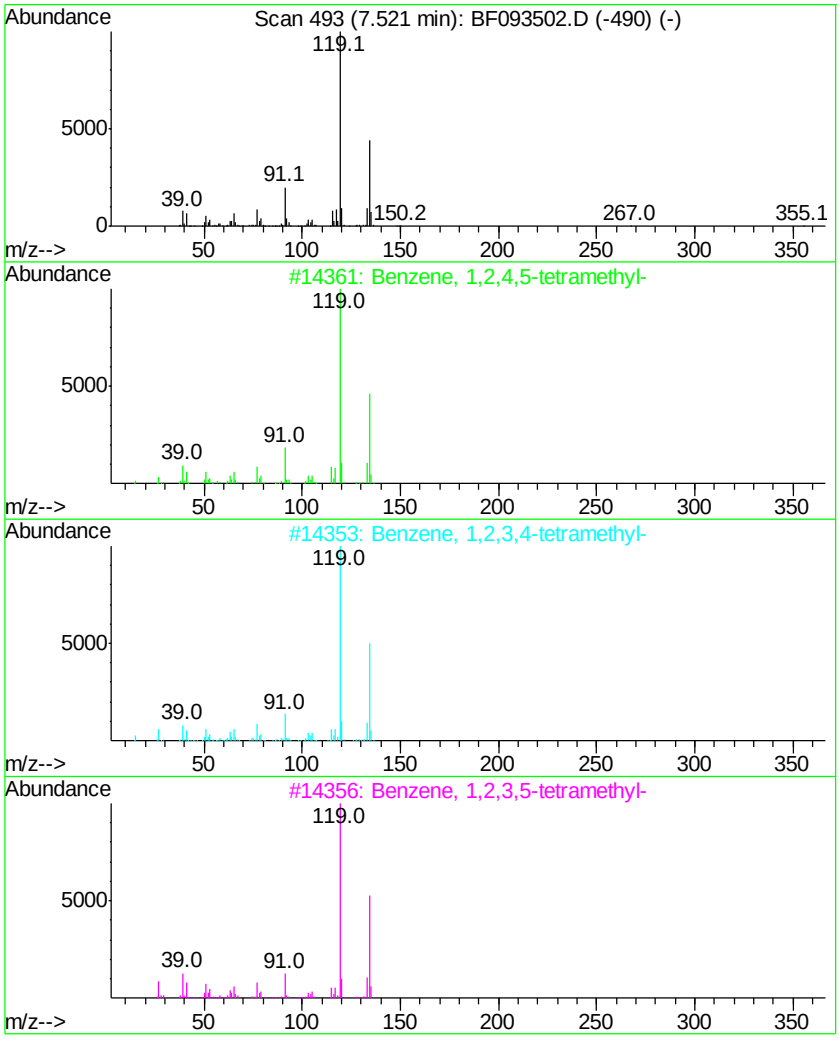
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

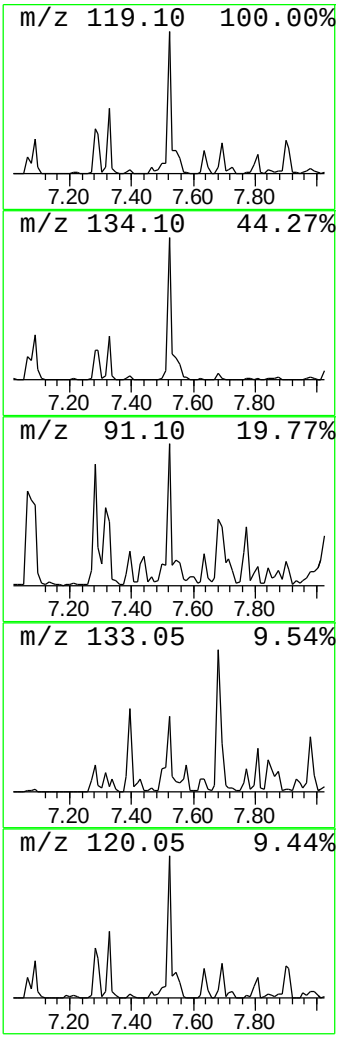
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	7.77 ng	1011980	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

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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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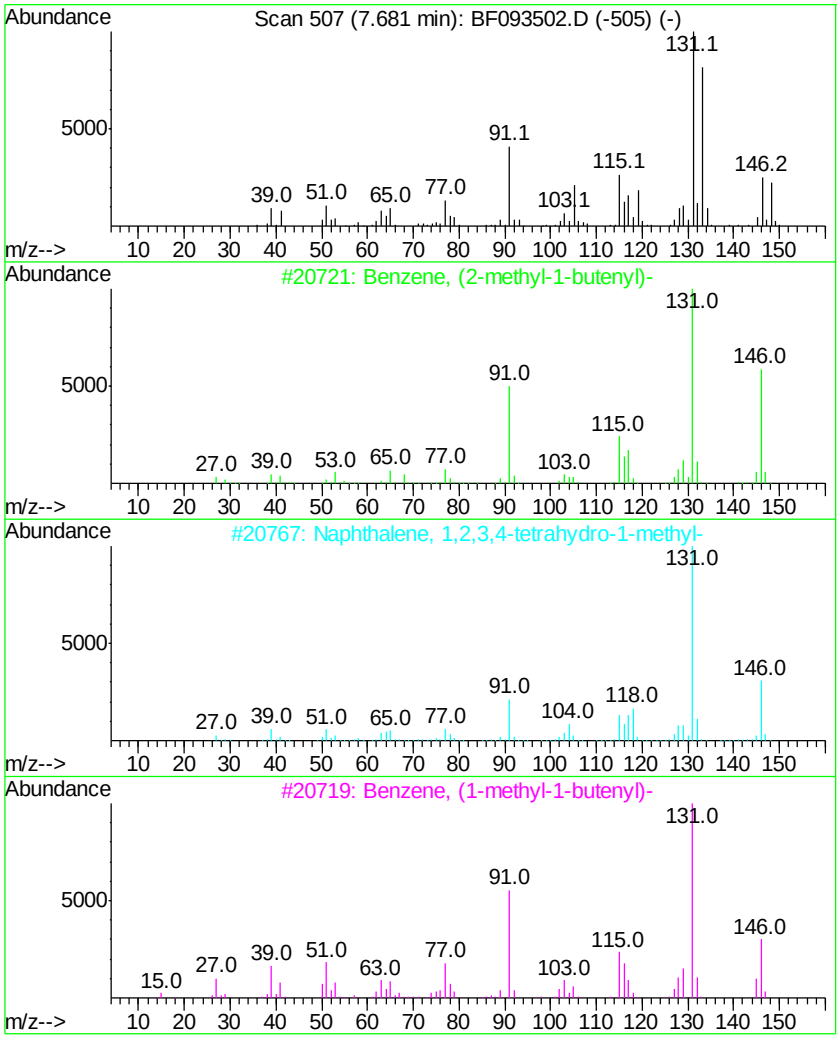
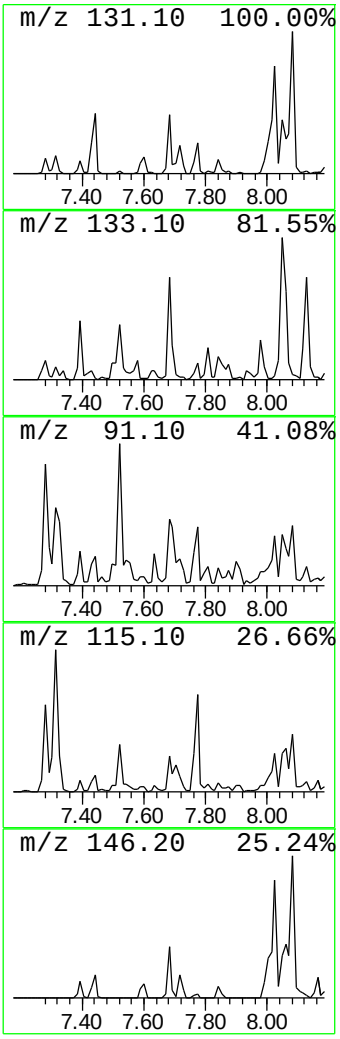
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	6.18 ng	804248	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	55
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : P-03

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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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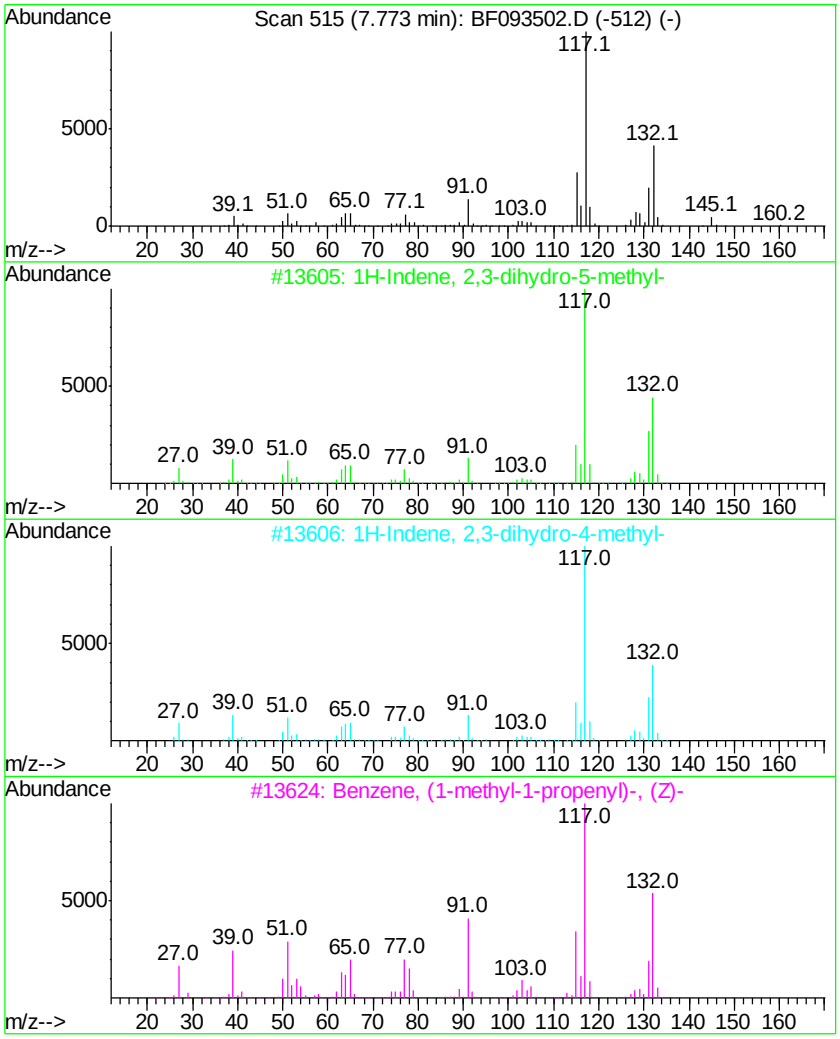
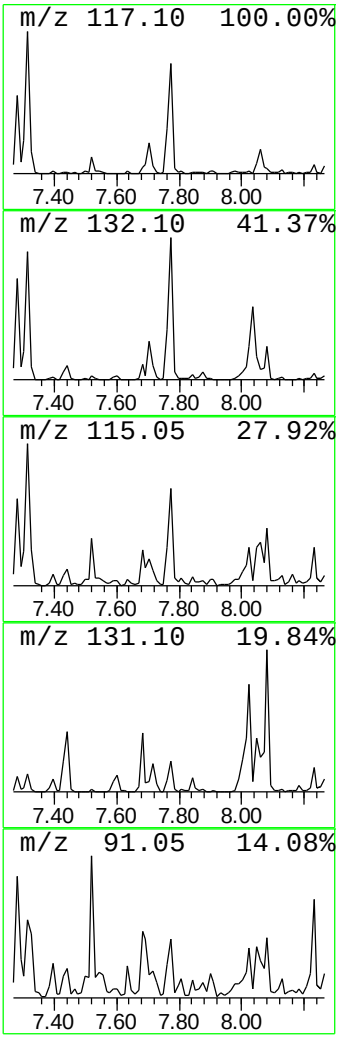
Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.21 ng	678455	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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ClientSampleId : P-03

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

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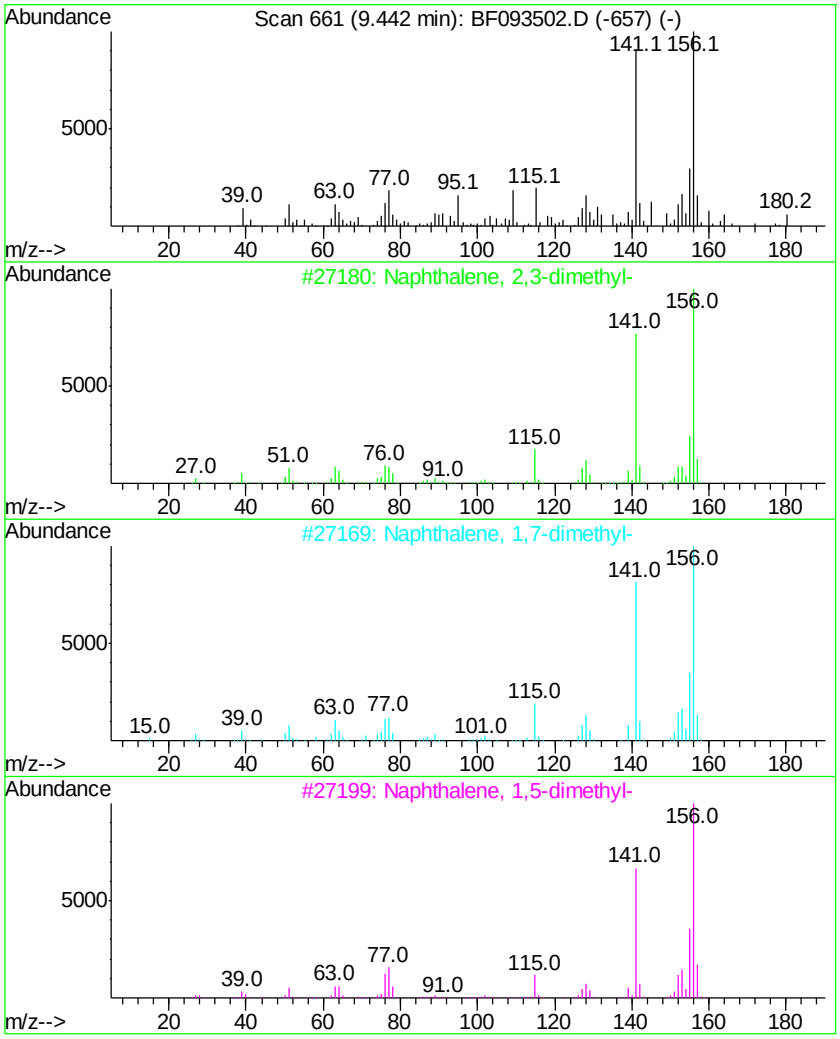
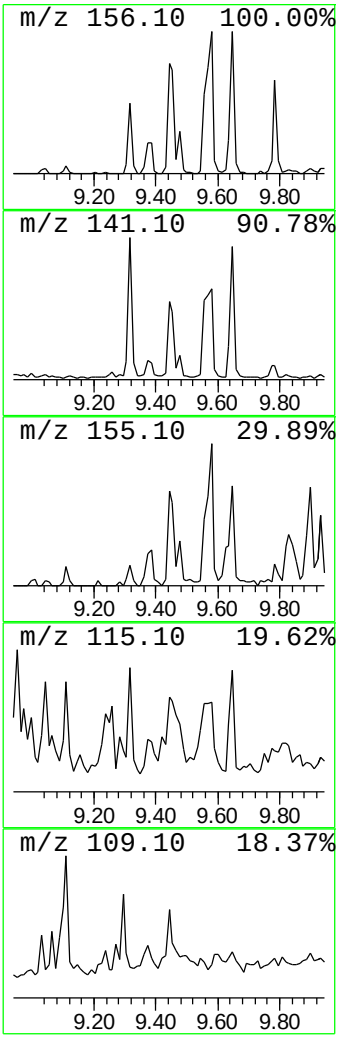
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	5.07 ng	430550	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : I2176-05
Misc :
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Instrument : BNA_F
ClientSampleId : P-03

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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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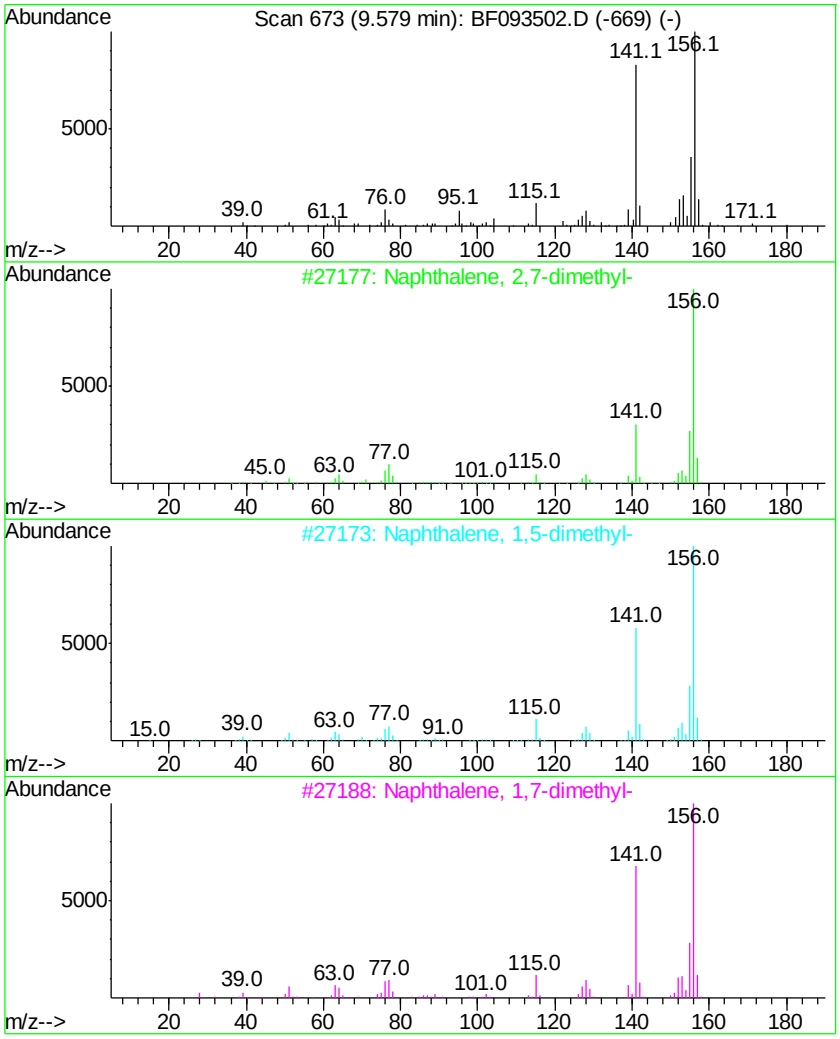
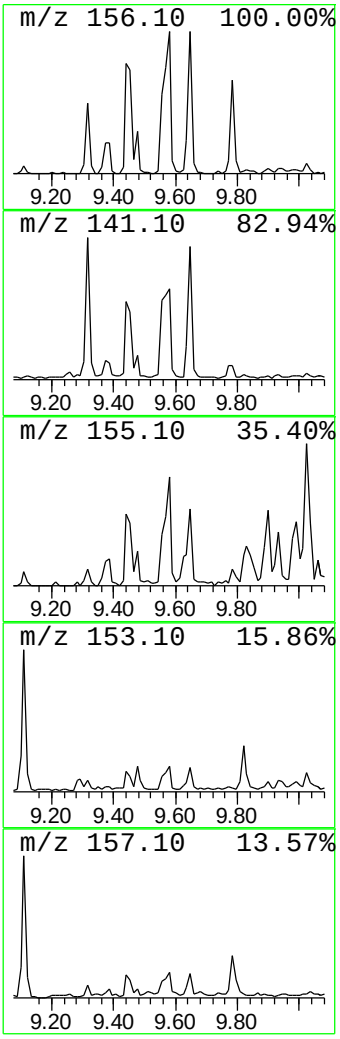
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.67 ng	396326	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





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Instrument : BNA_F
ClientSampleId : P-03

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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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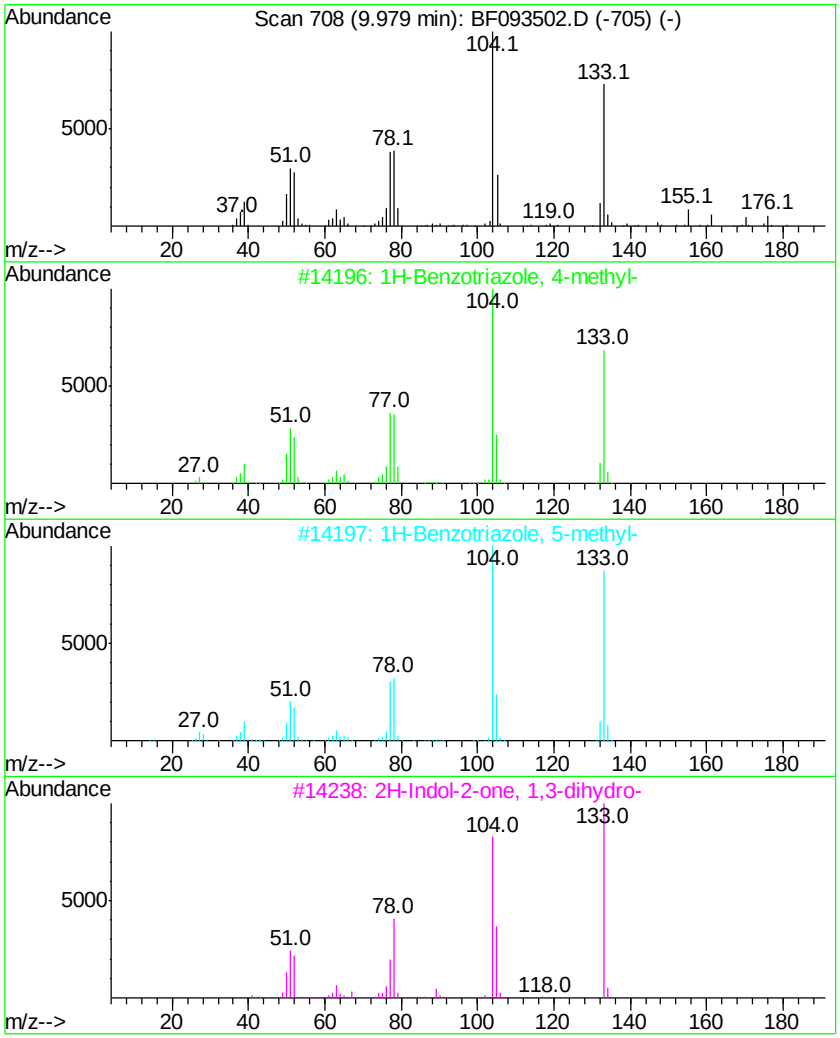
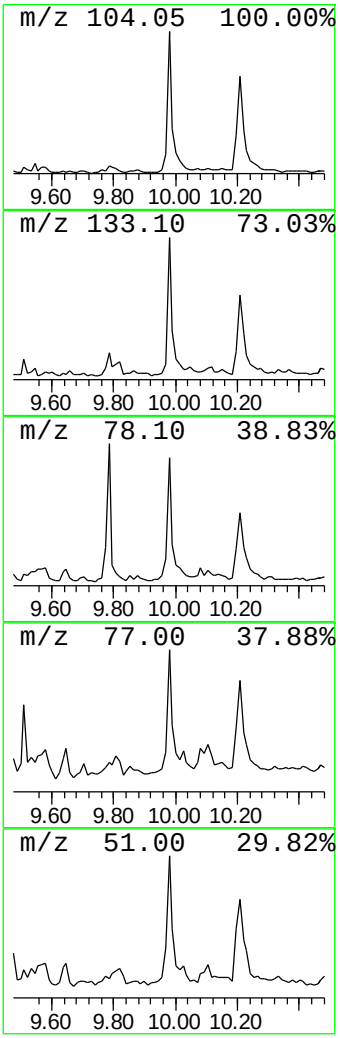
Peak Number 13 1H-Benzotriazole, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	5.14 ng	436862	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	87
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	59
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	53





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Misc :
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Instrument : BNA_F
ClientSampleId : P-03

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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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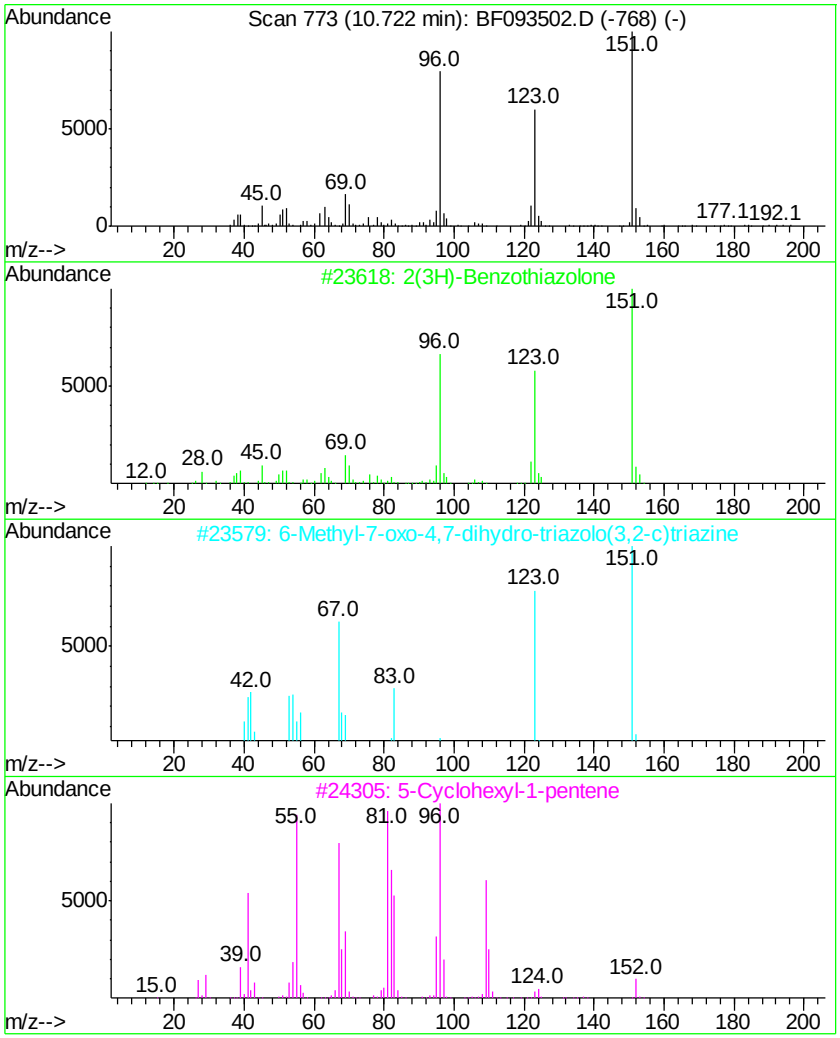
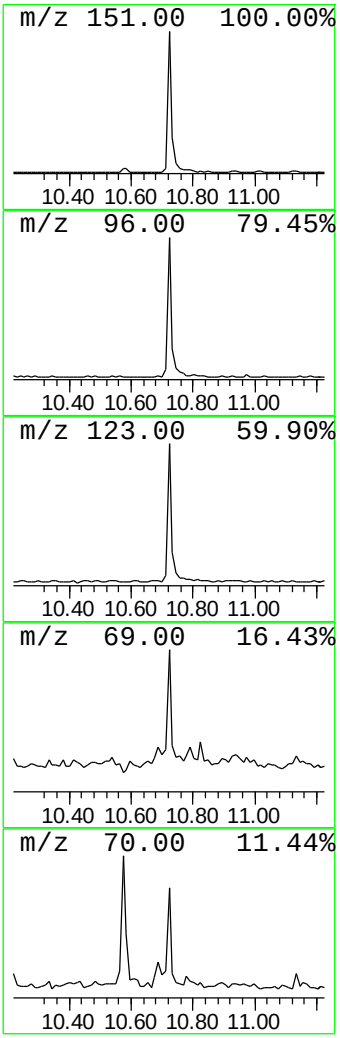
Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	10.30 ng	749813	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
3	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	38
4	1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	37
5	Isoxazole, 5,5'-(1,3-propanediyl...	178	C9H10N2O2	037704-51-1	35





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Sample : I2176-05
Misc :
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Instrument : BNA_F
ClientSampleId : P-03

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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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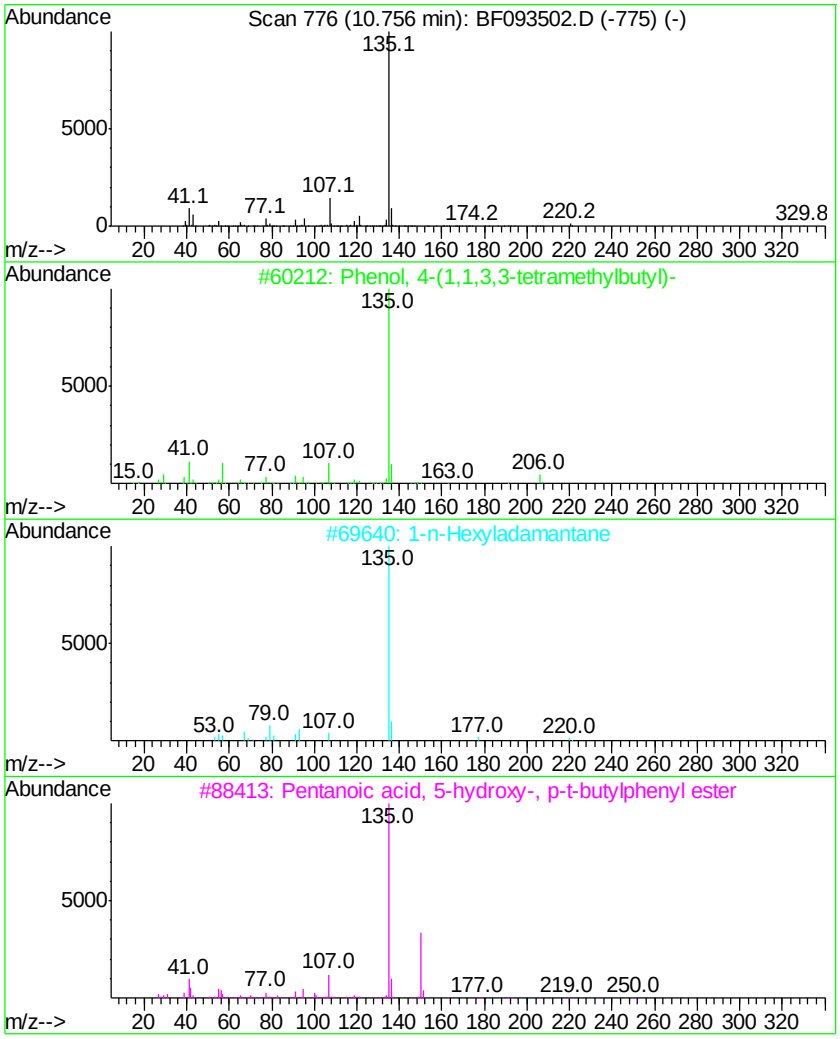
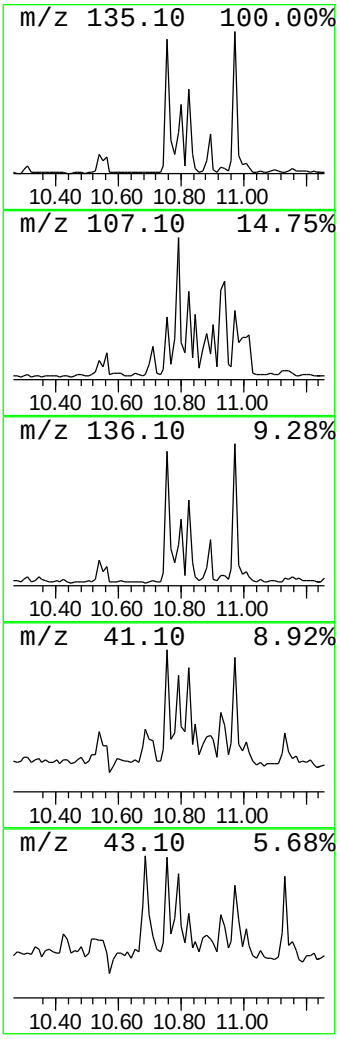
Peak Number 15 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	6.44 ng	468750	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43





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Sample : I2176-05
Misc :
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Instrument : BNA_F
ClientSampleId : P-03

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TIC Library : C:\DATABASE\NIST02.L
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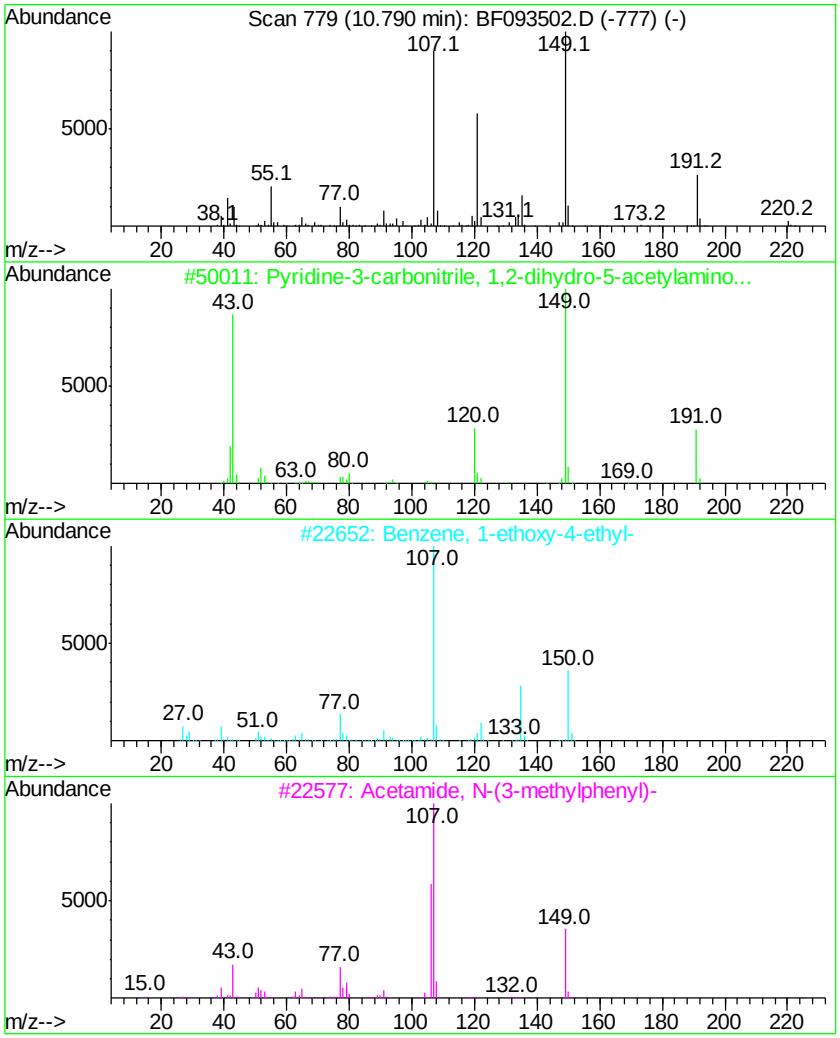
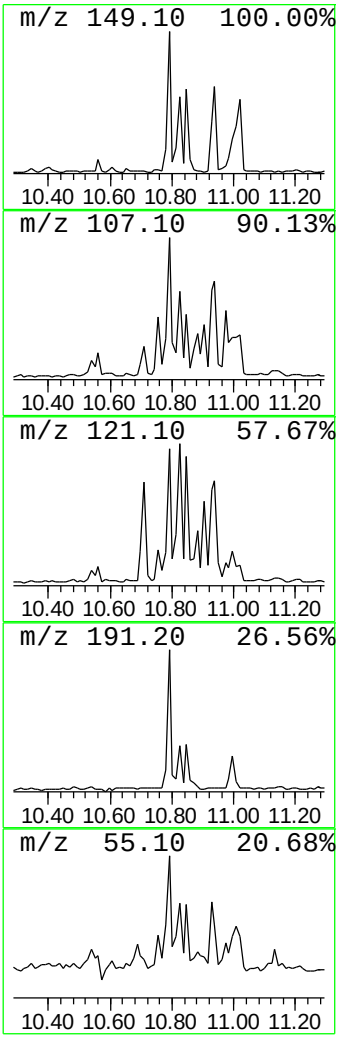
Peak Number 16 unknown10.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	11.47 ng	835158	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
2	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	38
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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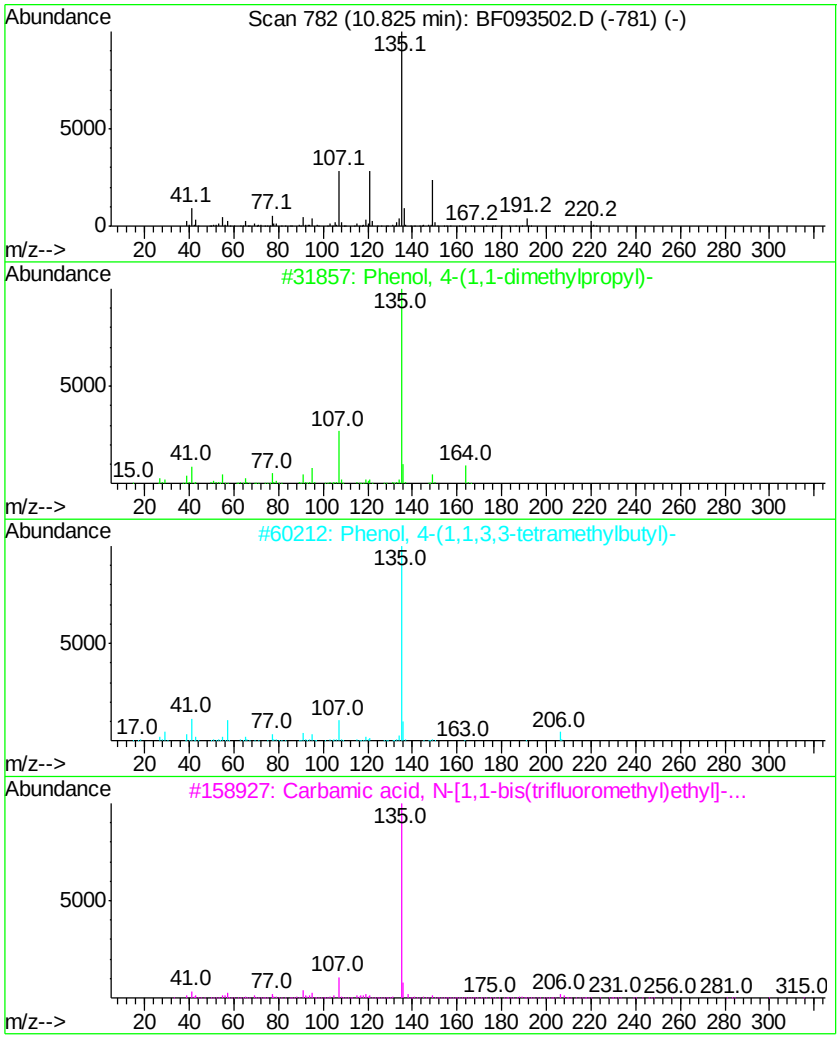
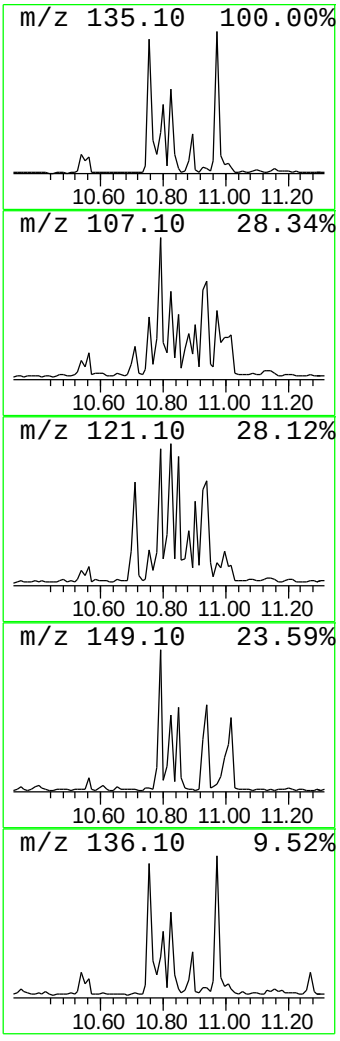
Peak Number 17 Phenol, 4-(1,1-dimethylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	9.78 ng	712033	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	53
4	Hexestrol	270	C18H22O2	005635-50-7	53
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	53





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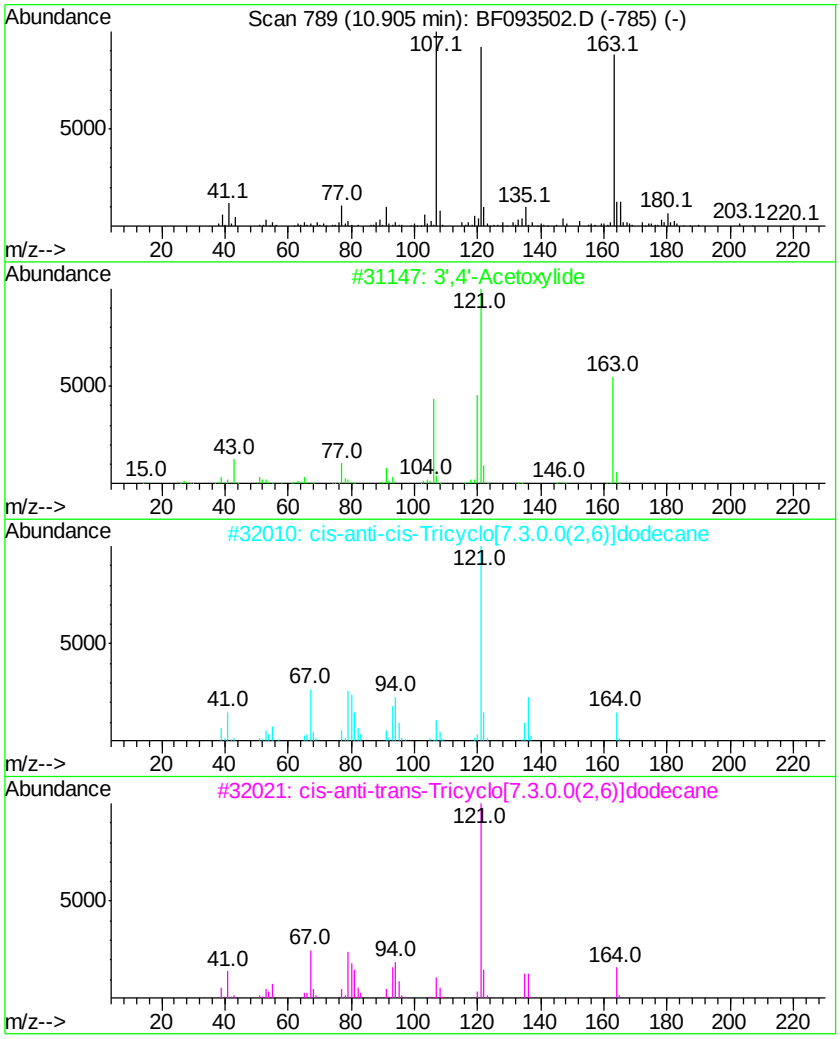
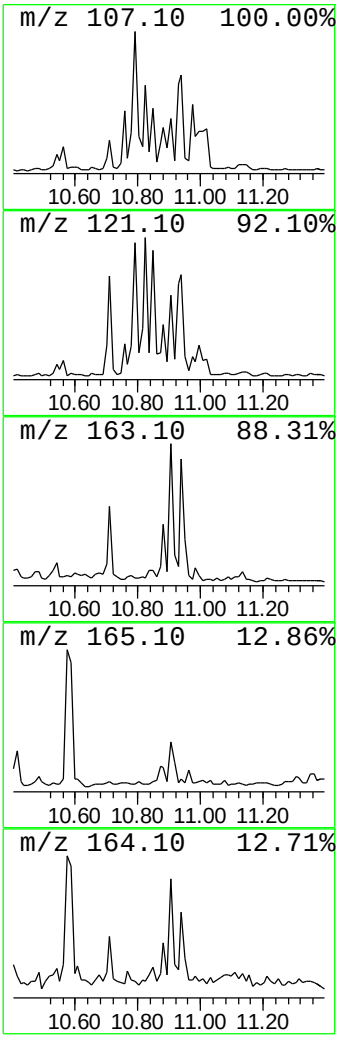
Peak Number 18 unknown10.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.47 ng	470629	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	47
2	cis-anti-cis-Tricyclo[7.3.0.0(2,...	164	C12H20	030159-15-0	27
3	cis-anti-trans-Tricyclo[7.3.0.0(...	164	C12H20	030159-13-8	27
4	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	22
5	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	22





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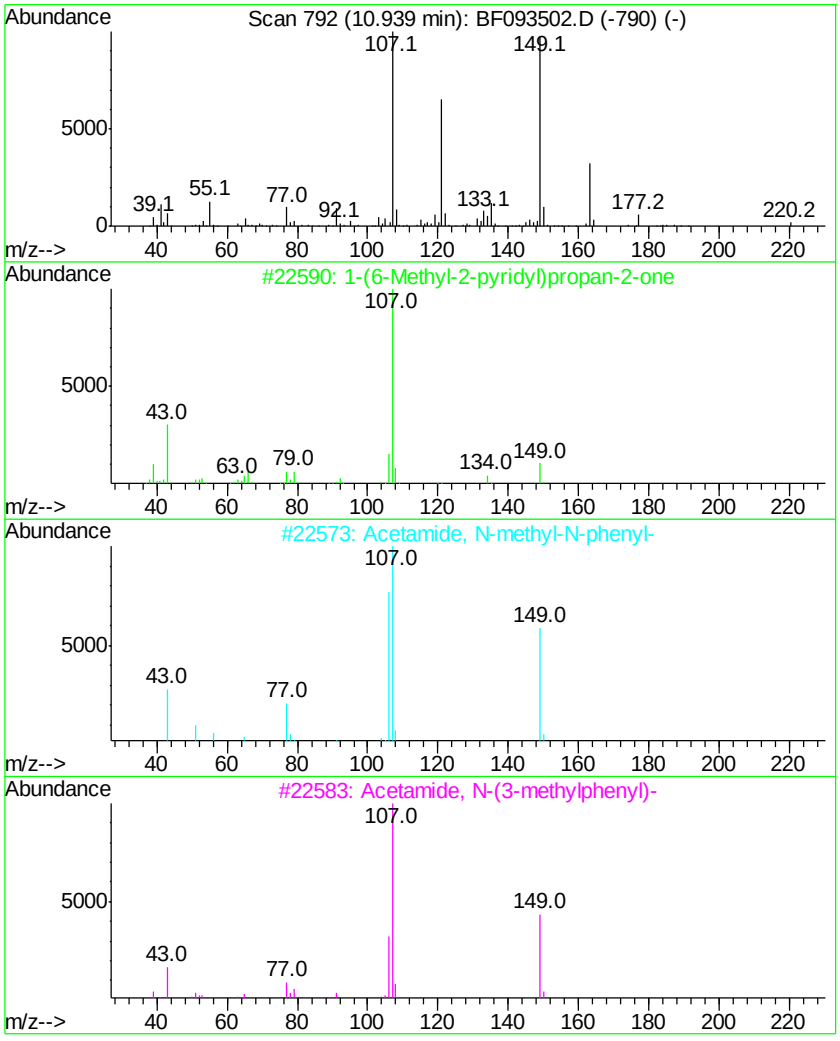
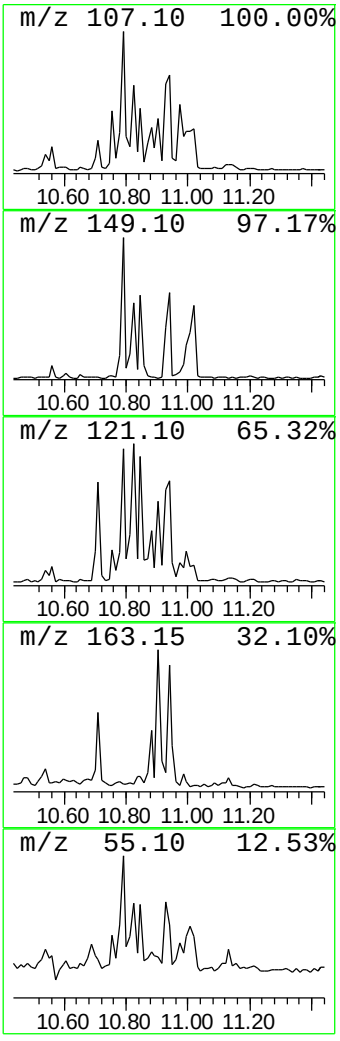
Peak Number 19 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	6.84 ng	498250	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
2	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	43
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	3-Methyl-4-(3,7,7-trimethyl-2-ox...	220	C14H20O2	1000189-10-9	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

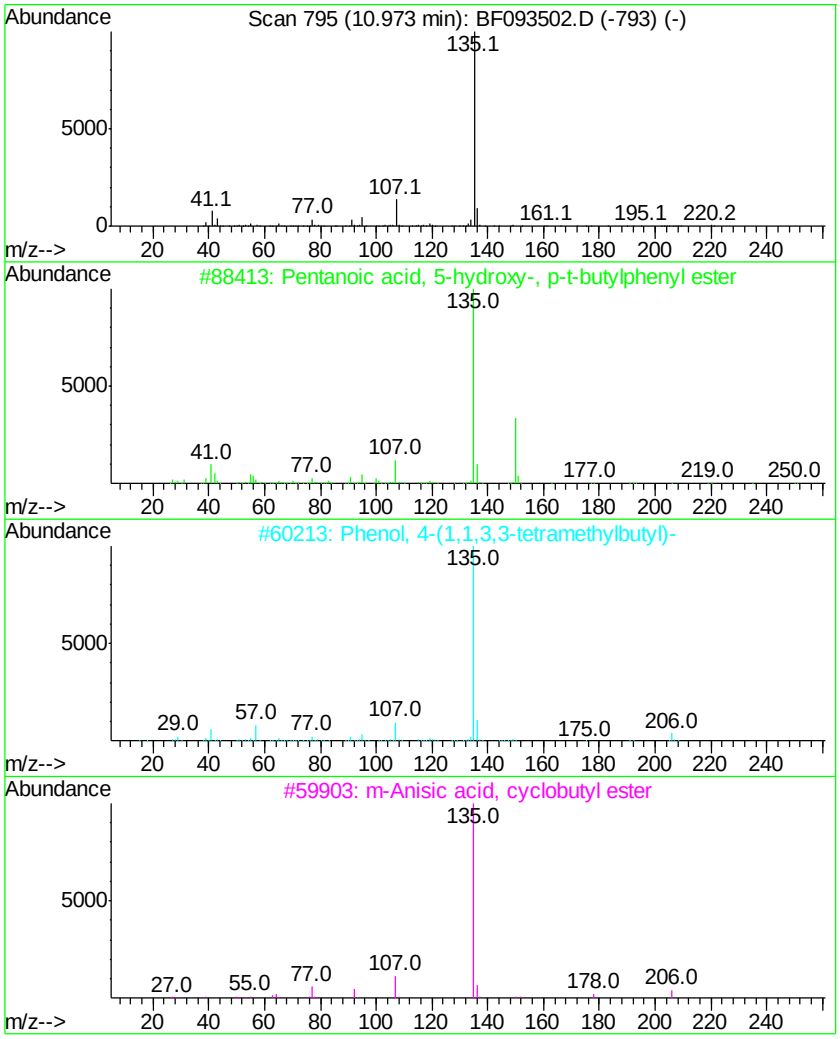
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

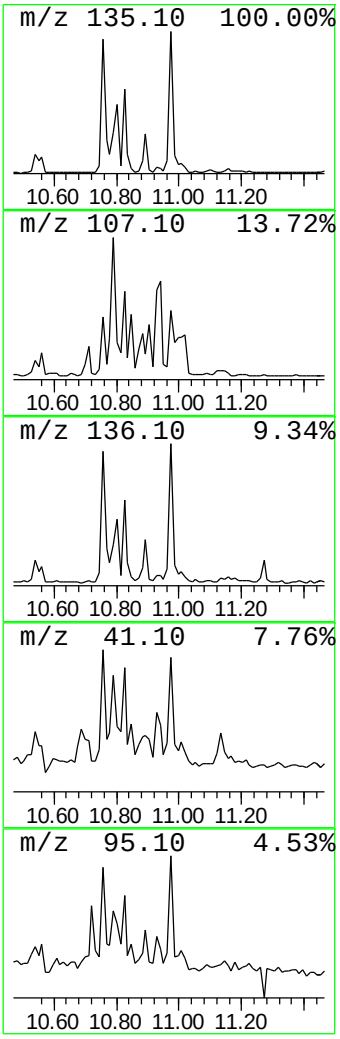
****

Peak Number 20 Pentanoic acid, 5-hydroxy-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	6.88 ng	500988	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	50
4	2-(2-Adamantan-1-yl-2-oxo-ethyl)...	242	C15H18N2O	1000296-74-8	45
5	Bicyclo[4.1.0]heptane-7-methanol...	232	C10H17BrO	082252-98-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093502.D
Acq On : 10 Mar 2017 3:37
Operator : SJ/MA
Sample : I2176-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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...	4.89	7.2	ng	418360	1	6.74	1164830	20.0
Benzene, propyl-	6.20	4.6	ng	266688	1	6.74	1164830	20.0
unknown6.52	6.52	72.3	ng	4213330	1	6.74	1164830	20.0
Benzene, 1,3-diet...	7.00	9.9	ng	576858	1	6.74	1164830	20.0
Benzene, 1,2-diet...	7.09	12.6	ng	731979	1	6.74	1164830	20.0
Benzene, 1,2,4,5-...	7.52	7.8	ng	1011980	2	8.04	2604500	20.0
Benzene, (2-methy...	7.68	6.2	ng	804248	2	8.04	2604500	20.0
1H-Indene, 2,3-di...	7.77	5.2	ng	678455	2	8.04	2604500	20.0
Naphthalene, 2,3-...	9.44	5.1	ng	430550	3	9.78	1698800	20.0
Naphthalene, 2,7-...	9.58	4.7	ng	396326	3	9.78	1698800	20.0
1H-Benzotriazole,...	9.98	5.1	ng	436862	3	9.78	1698800	20.0
2(3H)-Benzothiazo...	10.72	10.3	ng	749813	4	11.27	1455890	20.0
Phenol, 4-(1,1,3,...	10.76	6.4	ng	468750	4	11.27	1455890	20.0
unknown10.79	10.79	11.5	ng	835158	4	11.27	1455890	20.0
Phenol, 4-(1,1-di...	10.82	9.8	ng	712033	4	11.27	1455890	20.0
unknown10.90	10.90	6.5	ng	470629	4	11.27	1455890	20.0
1-(6-Methyl-2-pyr...	10.94	6.8	ng	498250	4	11.27	1455890	20.0
Pentanoic acid, 5...	10.97	6.9	ng	500988	4	11.27	1455890	20.0