LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

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-BF050217.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	3.378	234	245	253	rBV	48231	102199	1.35%	0.240%
2	5.043	522	528	545	rBV	686553	1130364	14.91%	2.654%
3	5.572	613	618	620	rBV	105618	133320	1.76%	0.313%
4	5.595	620	622	629	rVB	85127	109684	1.45%	0.257%
5	5.701	636	640	662	rBV	219780	393307	5.19%	0.923%
6	5.954	678	683	691	rVB	225619	288981	3.81%	0.678%
7	7.131	879	883	893	rVB	149786	182243	2.40%	0.428%
8	7.272	901	907	923	rBV	263828	467888	6.17%	1.098%
9	7.395	923	928	938	rVV	825609	1068675	14.09%	2.509%
10	7.478	938	942	943	rVV	85618	107269	1.41%	0.252%
11	7.501	943	946	951	rVB2	162520	197995	2.61%	0.465%
12	7.731	981	985	995	rBV	475338	546162	7.20%	1.282%
13	7.831	995	1002	1007	rVV2	116072	147749	1.95%	0.347%
14	7.972	1021	1026	1030	rBV	1423994	1632227	21.53%	3.832%
15	8.007	1030	1032	1040	rVB	123618	129712	1.71%	0.305%
16	8.136	1048	1054	1063	rBV	1420989	1660971	21.91%	3.899%
17	8.625	1130	1137	1145	rBV	1085313	1345738	17.75%	3.159%
18	8.766	1157	1161	1169	rVB	125516	144969	1.91%	0.340%
19	8.854	1169	1176	1180	rVV	181785	302232	3.99%	0.709%
20	9.372	1253	1264	1268	rBV3	226308	388823	5.13%	0.913%
21	9.419	1268	1272	1274	rVV	236835	265527	3.50%	0.623%
22	9.442	1274	1276	1283	rVB	130153	144209	1.90%	0.339%
23	9.754	1322	1329	1331	rBV	503215	744770	9.82%	1.748%
24	9.807	1331	1338	1341	rVV	4701712	7582520	100.00%	17.800%
25	9.866	1344	1348	1354	rVB	616173	655661	8.65%	1.539%
26	9.919	1354	1357	1361	rBV2	64496	89699	1.18%	0.211%
27	10.072	1375	1383	1388	rBV4	76980	170409	2.25%	0.400%
28	10.589	1468	1471	1478	rVB	88106	112711	1.49%	0.265%
29	10.824	1502	1511	1520	rBV3	86650	147761	1.95%	0.347%
30	10.907	1520	1525	1530	rBV	1344158	1549752	20.44%	3.638%
31	10.989	1534	1539	1543	rBV	63311	81383	1.07%	0.191%
32	11.060	1543	1551	1557	rVV	1260599	1536266	20.26%	3.606%
33	11.524	1624	1630	1634	rBV	2293073	2620113	34.55%	6.151%
34	11.836	1676	1683	1687	rBV3	57223	105876	1.40%	0.249%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.924	1693	1698	1700	rBV2	139131	207046	2.73%	0.486%
36	12.048	1713	1719	1723	rBV	320730	450312	5.94%	1.057%
37	12.089	1723	1726	1732	rVB	182485	212207	2.80%	0.498%
38	12.230	1742	1750	1752	rBV2	180012	285633	3.77%	0.671%
39	12.254	1752	1754	1760	rVV	102919	117906	1.55%	0.277%
40	12.342	1764	1769	1782	rBV	923682	1264458	16.68%	2.968%
41	12.577	1799	1809	1813	rBV2	698286	870089	11.47%	2.043%
42	12.630	1813	1818	1824	rVB	621516	721722	9.52%	1.694%
43	12.713	1829	1832	1839	rVB	110208	130470	1.72%	0.306%
44	12.848	1852	1855	1861	rVB2	55380	77653	1.02%	0.182%
45	12.918	1861	1867	1870	rBV	552359	698113	9.21%	1.639%
46	13.124	1897	1902	1906	rBV	68943	90417	1.19%	0.212%
47	13.318	1932	1935	1939	rVB	84541	89806	1.18%	0.211%
48	13.418	1944	1952	1956	rBV5	151701	247122	3.26%	0.580%
49	13.471	1956	1961	1969	rVB	761701	960944	12.67%	2.256%
50	13.560	1969	1976	1982	rBV4	53210	108396	1.43%	0.254%
51	13.742	2003	2007	2009	rBV	79483	90034	1.19%	0.211%
52	13.830	2018	2022	2025	rBV	92821	117262	1.55%	0.275%
53	13.871	2025	2029	2036	rVV2	497116	674471	8.90%	1.583%
54	14.371	2112	2114	2118	rVV	71106	89137	1.18%	0.209%
55	14.418	2118	2122	2127	rVV2	62633	105720	1.39%	0.248%
56	14.495	2130	2135	2142	rVB4	66984	114436	1.51%	0.269%
57	14.807	2185	2188	2192	rBV	90377	111655	1.47%	0.262%
58	14.977	2212	2217	2220	rBV	768194	905279	11.94%	2.125%
59	15.012	2220	2223	2228	rVB	1044451	1173337	15.47%	2.754%
60	15.095	2233	2237	2243	rVB	189602	224378	2.96%	0.527%
61	15.165	2243	2249	2255	rBV2	64035	116464	1.54%	0.273%
62	15.377	2280	2285	2296	rVB	622372	792668	10.45%	1.861%
63	15.483	2296	2303	2311	rBV4	42412	114132	1.51%	0.268%
64	15.759	2346	2350	2352	rBV	76205	85904	1.13%	0.202%
65	15.824	2359	2361	2365	rVB2	81223	80539	1.06%	0.189%
66	15.906	2371	2375	2380	rVV3	198951	294190	3.88%	0.691%
67	16.089	2402	2406	2414	rVV3	53018	92027	1.21%	0.216%
68	16.753	2515	2519	2525	rVB	254035	272260	3.59%	0.639%
69	17.053	2564	2570	2575	rBV	262760	300260	3.96%	0.705%
70	17.306	2607	2613	2617	rBV	2183133	2487127	32.80%	5.839%
71	18.642	2835	2840	2844	rBV	605021	672330	8.87%	1.578%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.306	3119	3123	3132	rBV	483259	554077	7.31%	1.301%
73	20.412	3137	3141	3147	rVB	79451	99388	1.31%	0.233%
74	20.794	3201	3206	3212	rBV	78528	106794	1.41%	0.251%
75	21.224	3274	3279	3288	rVB2	61710	104990	1.38%	0.246%

Sum of corrected areas: 42598318

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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Operator : SJ/MA
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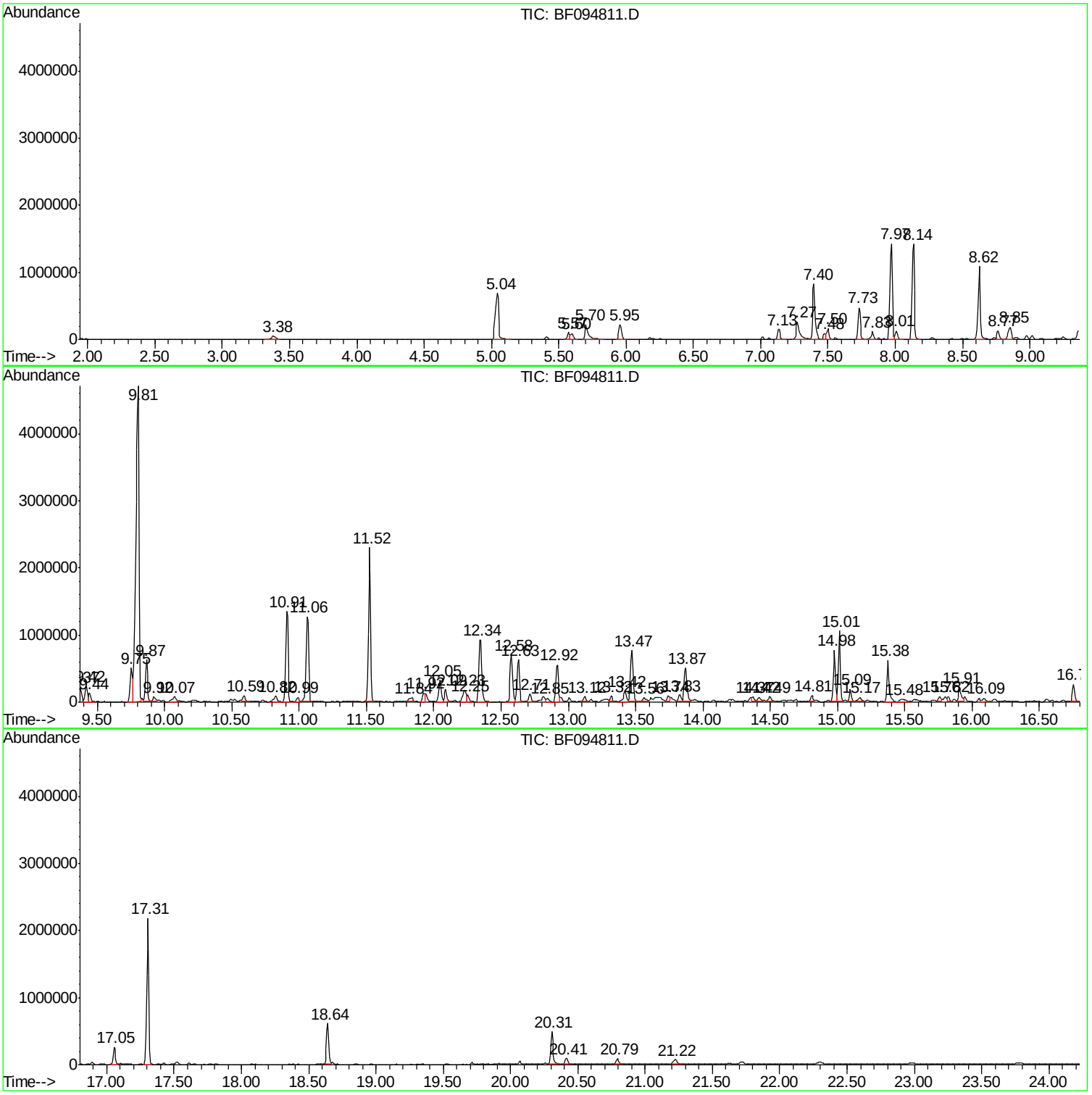
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

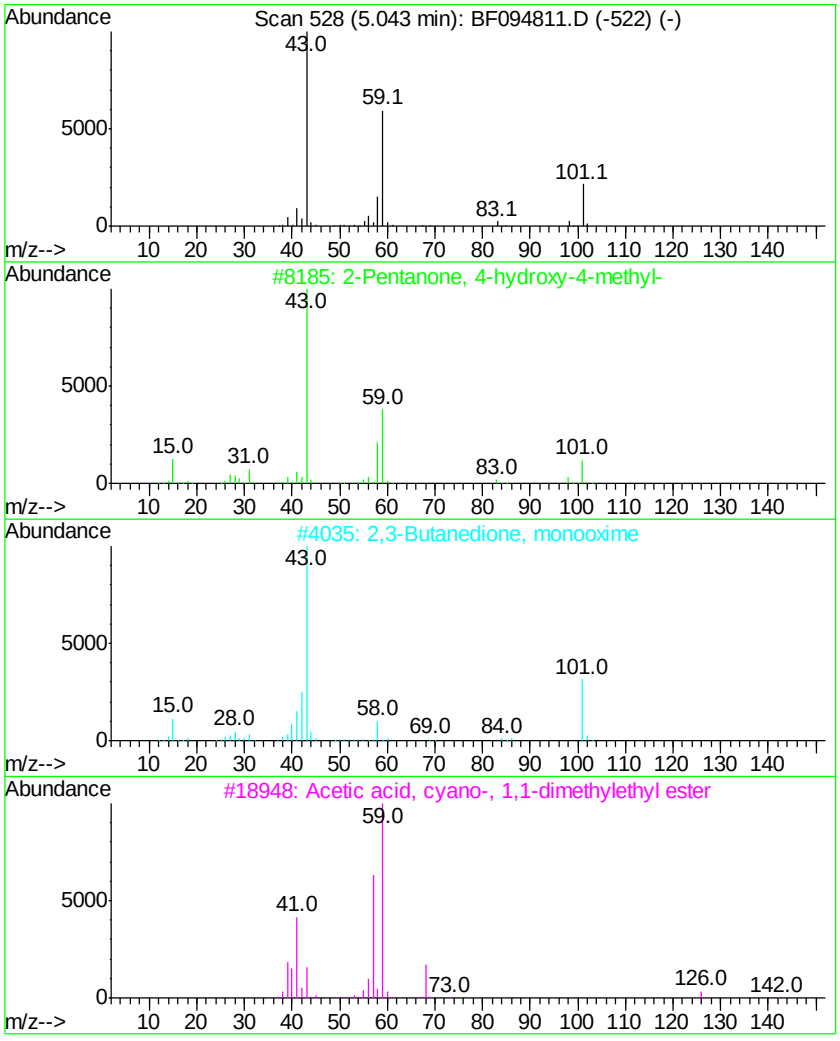
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

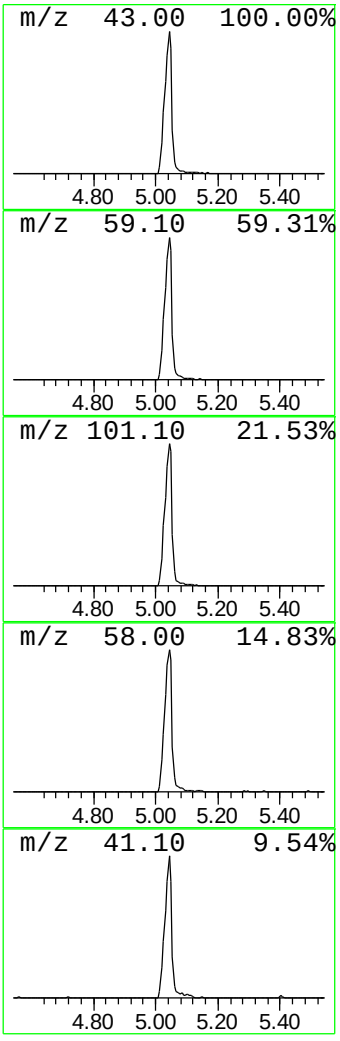
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	41.39 ng	1130360	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

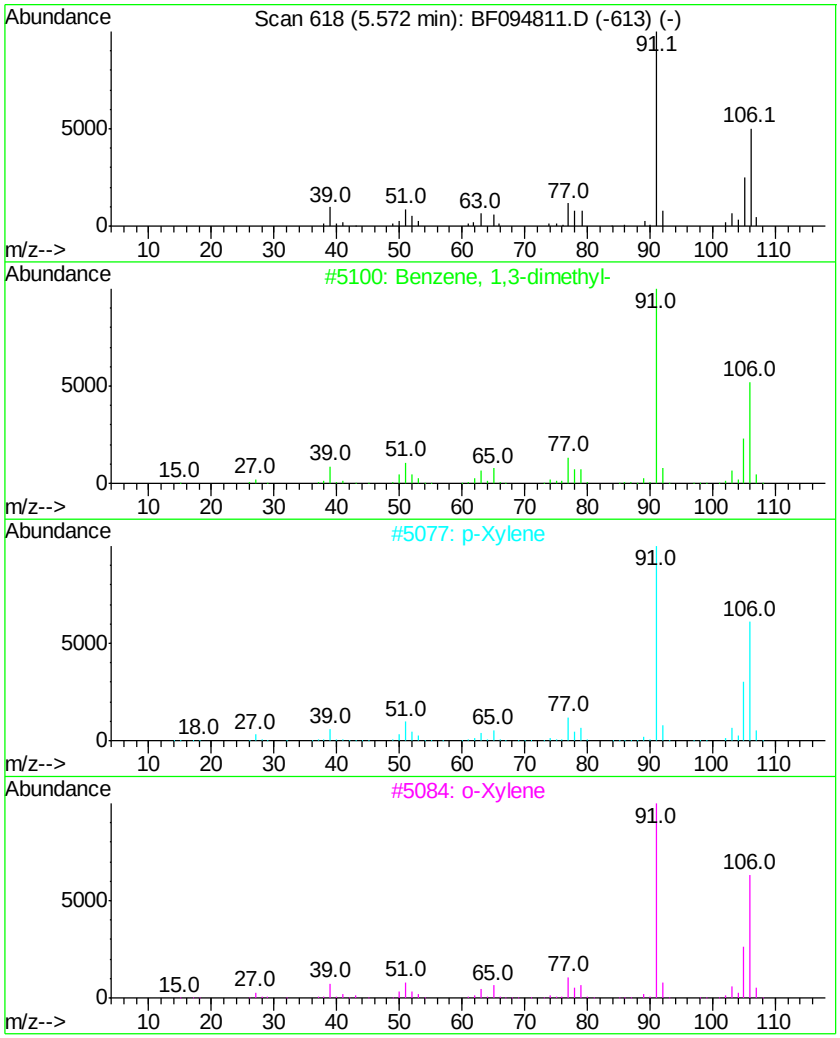
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

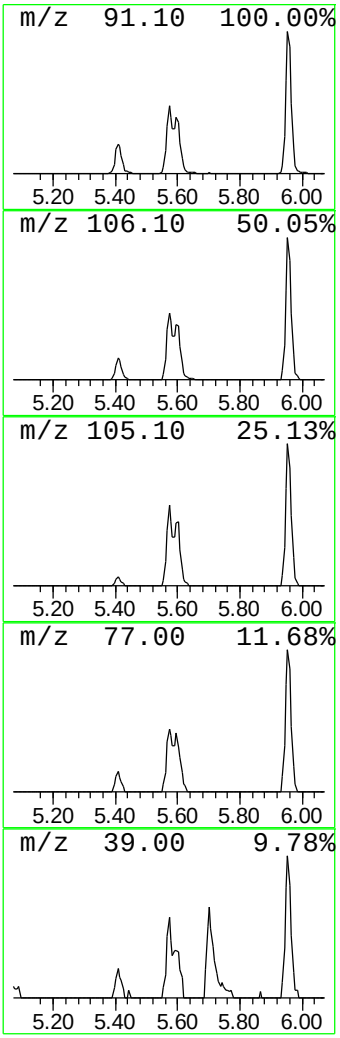
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	4.88 ng	133320	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	94
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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Sample : I2923-06
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

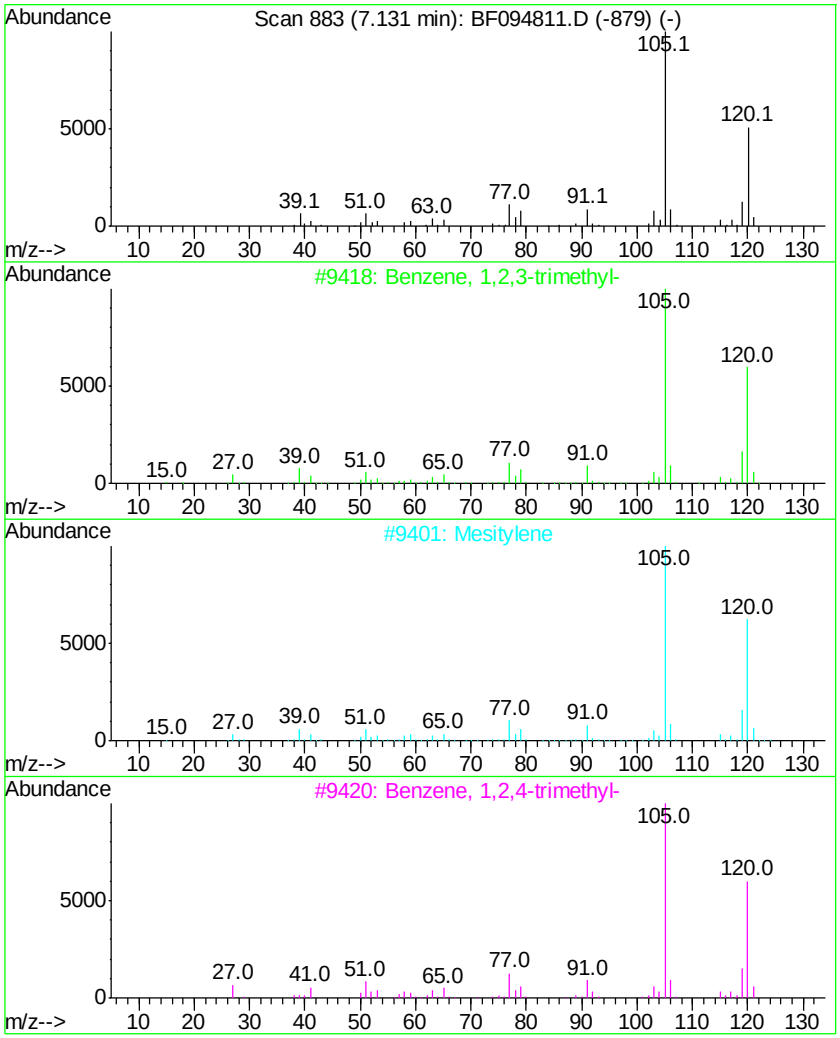
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

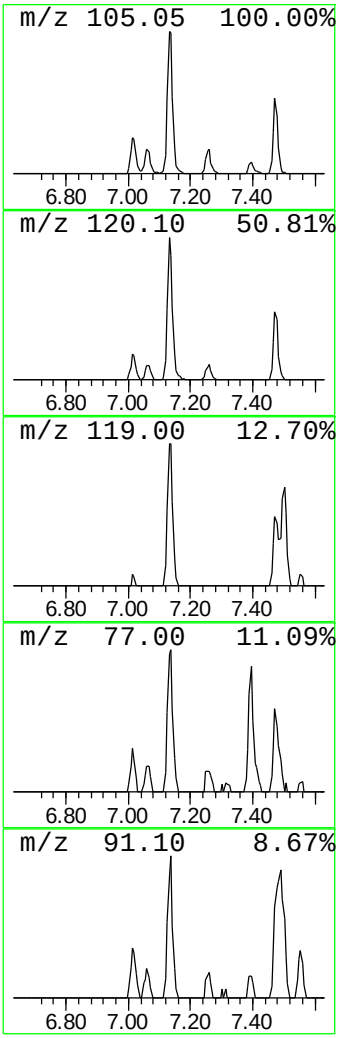
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	6.67 ng	182243	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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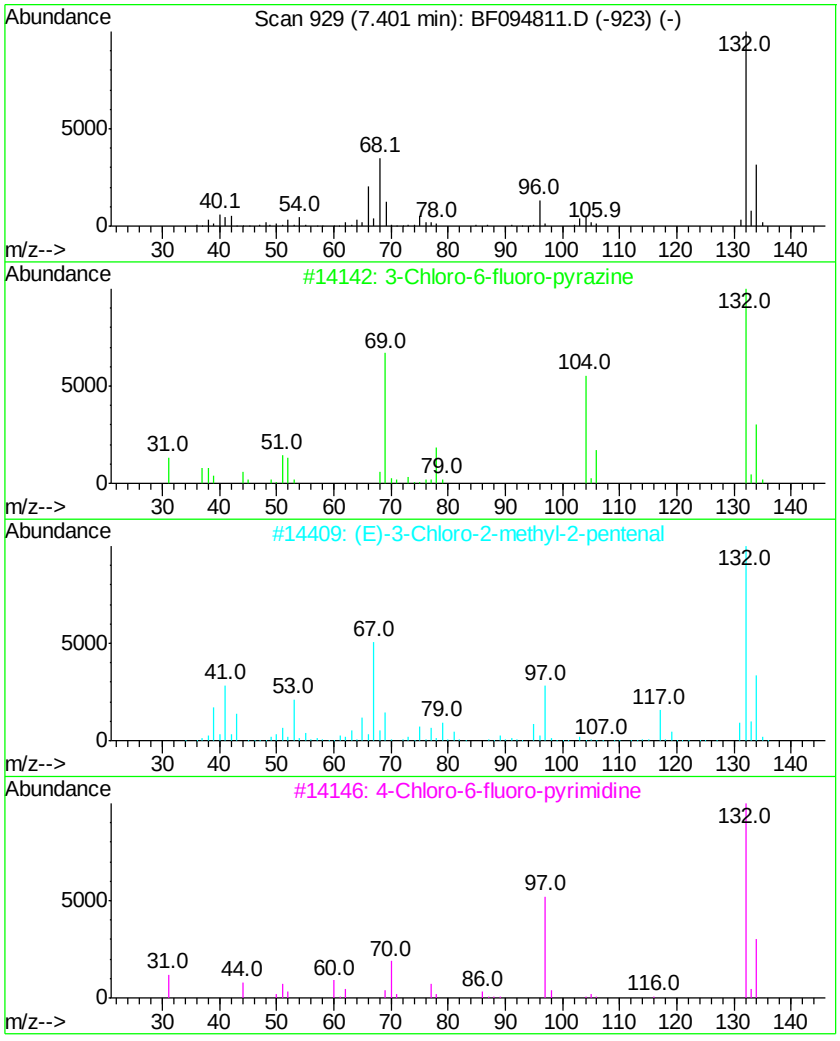
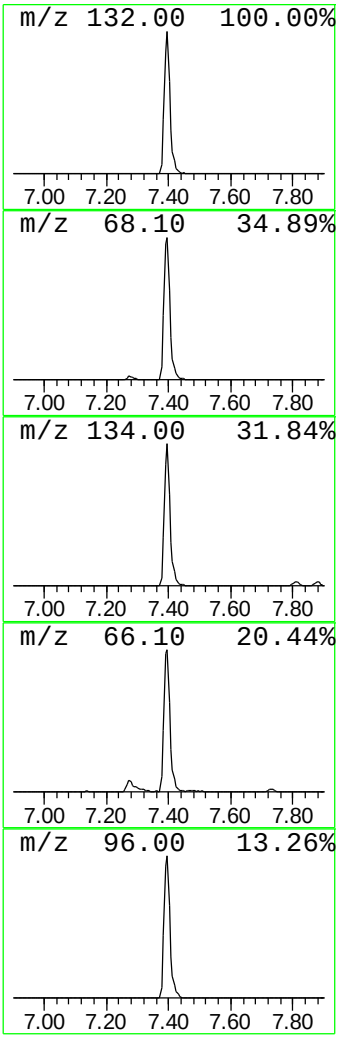
Peak Number 5 unknown7.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	39.13 ng	1068680	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : I2923-06
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Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

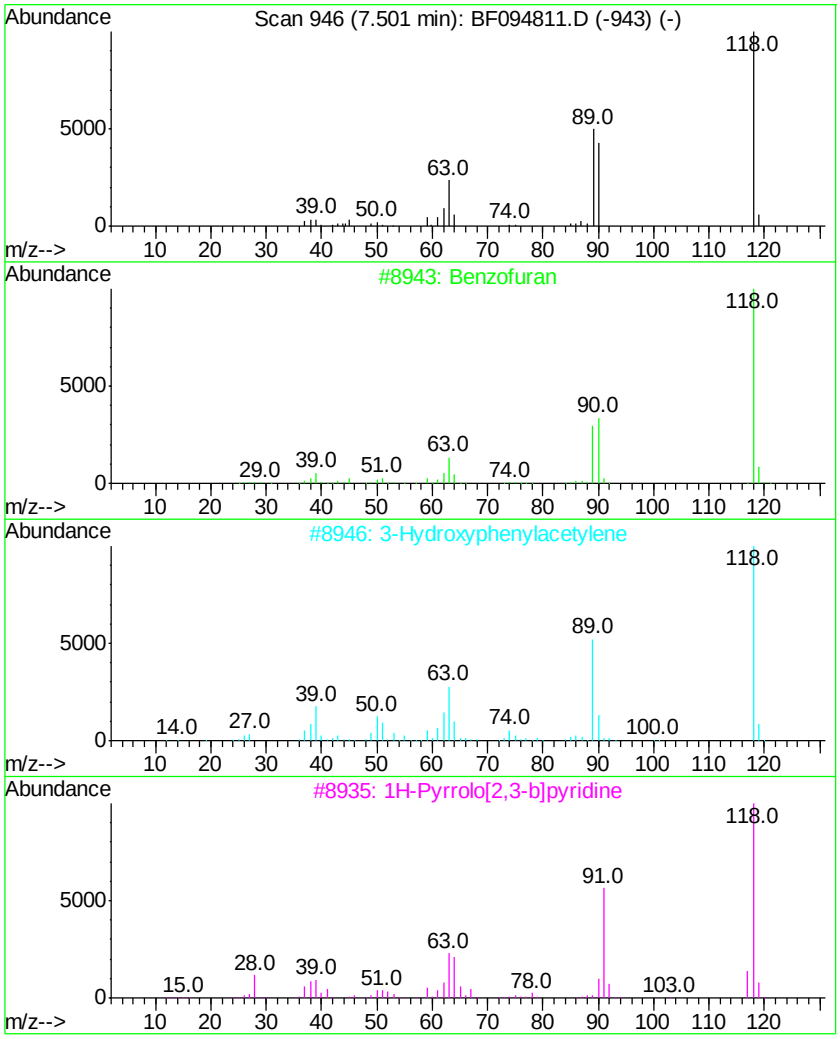
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

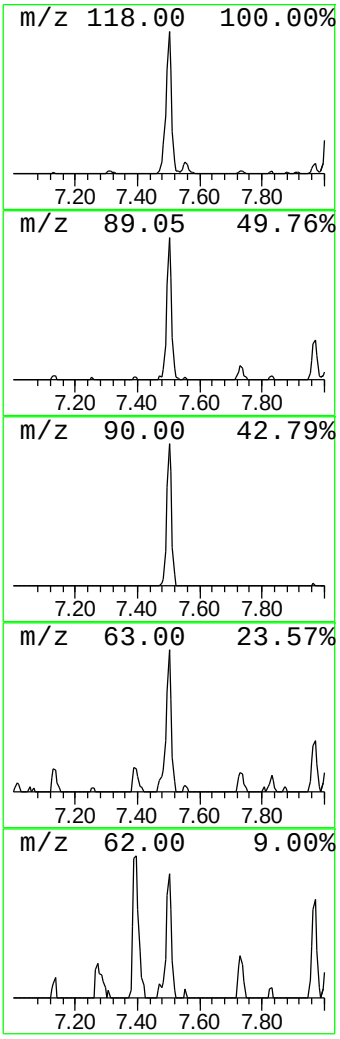
****

Peak Number 6 Benzofuran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	7.25 ng	197995	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	47
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	38
5	1H-Benzimidazole	118	C7H6N2	000051-17-2	32





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Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

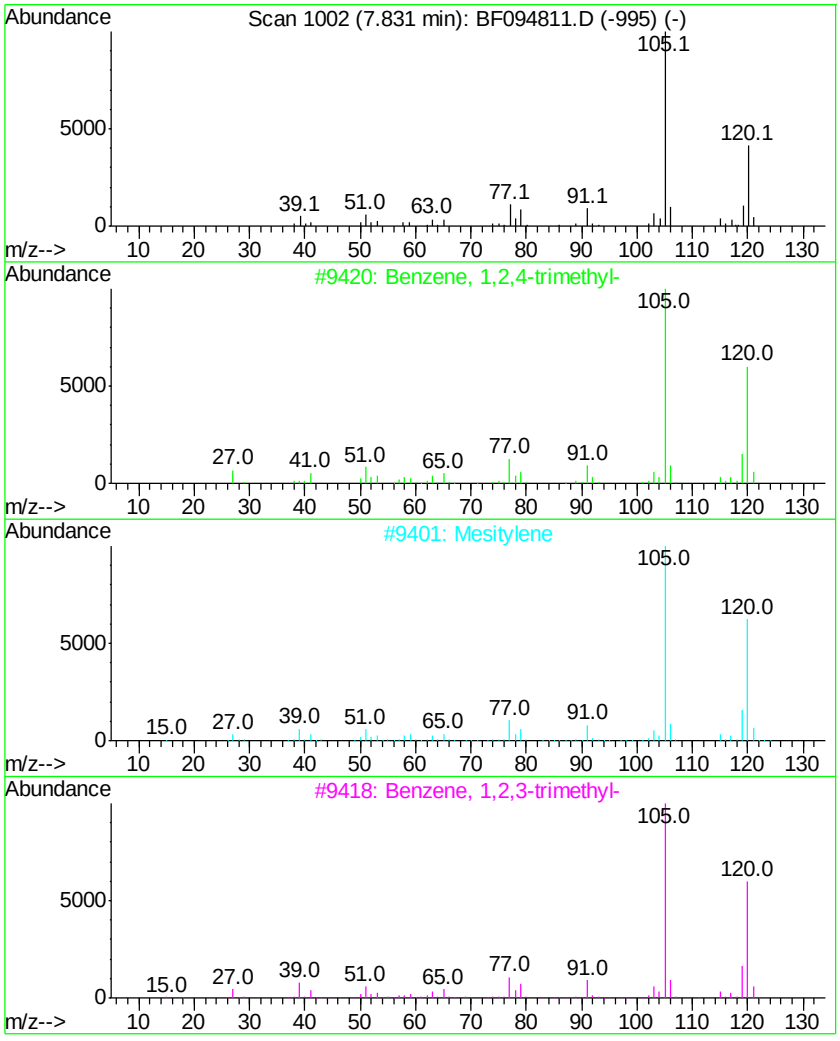
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

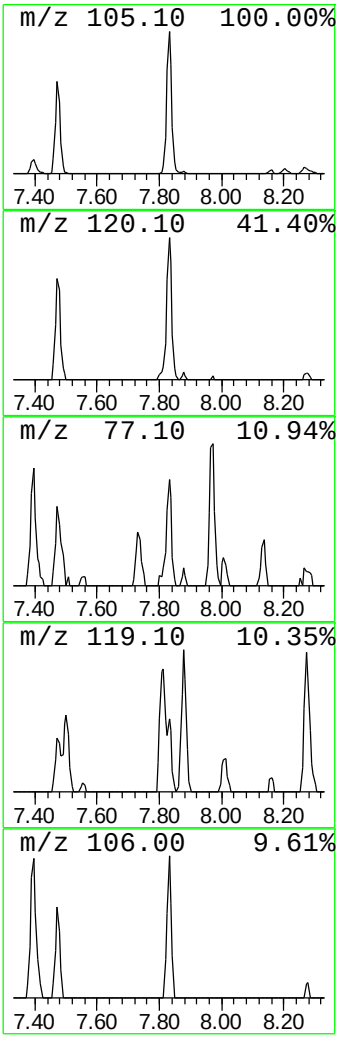
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	5.41 ng	147749	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

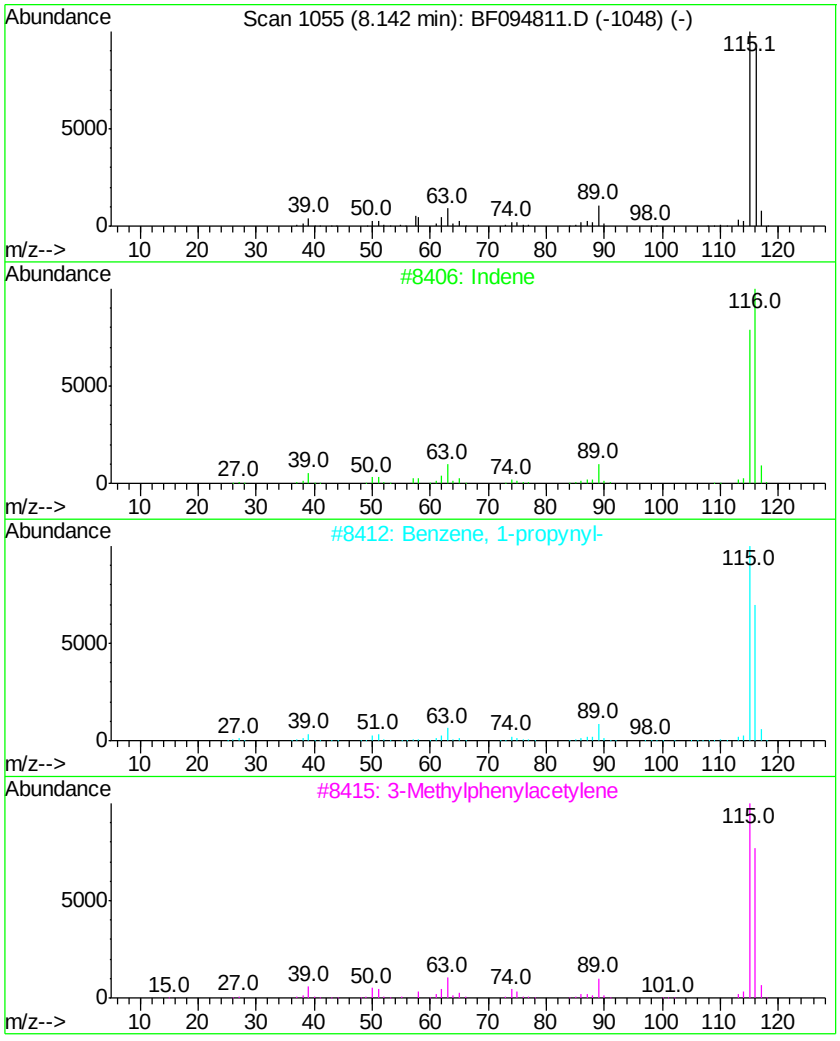
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

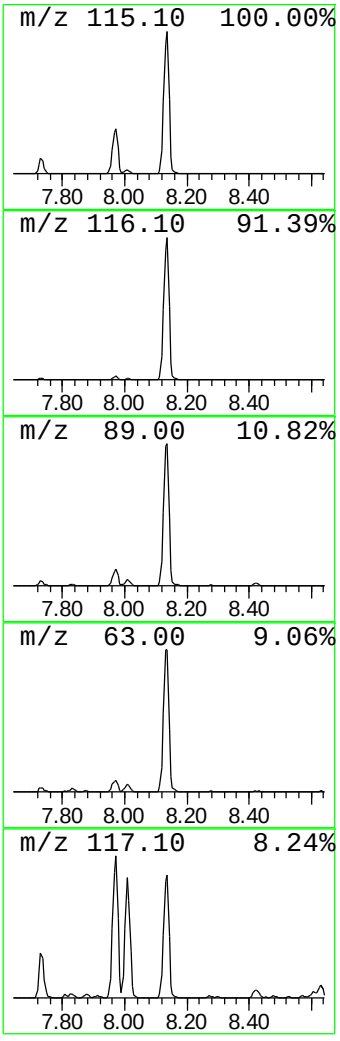
****

Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	60.82 ng	1660970	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





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Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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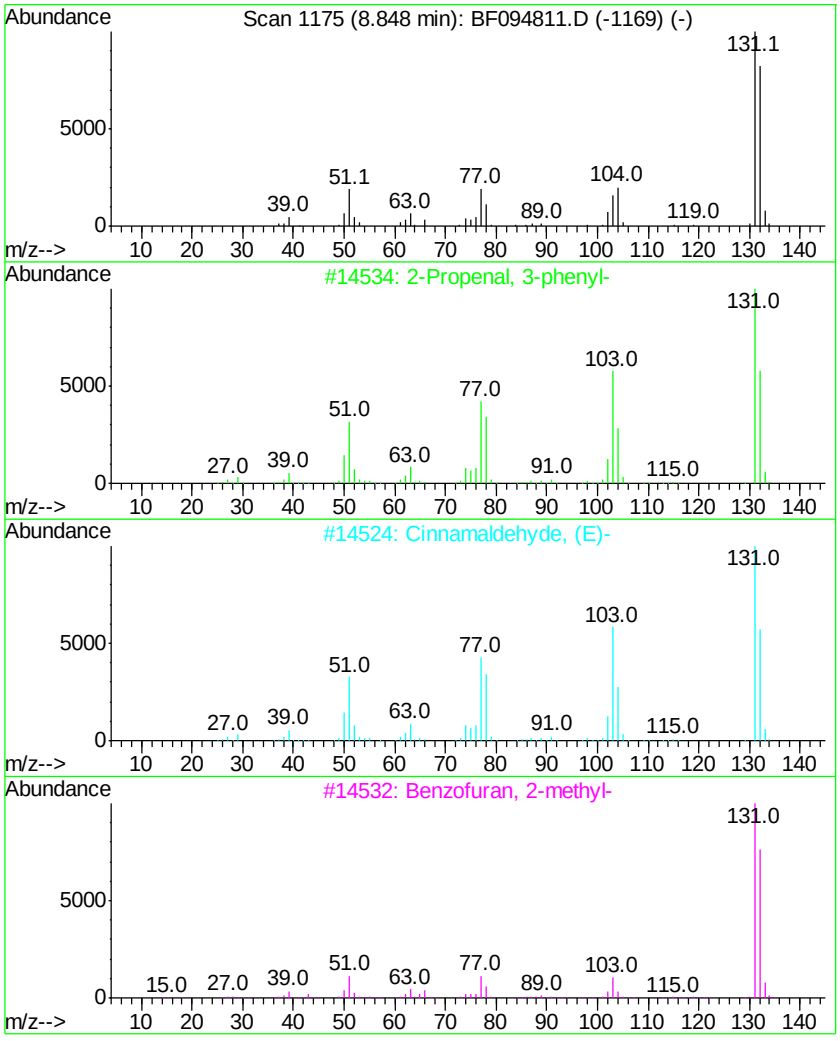
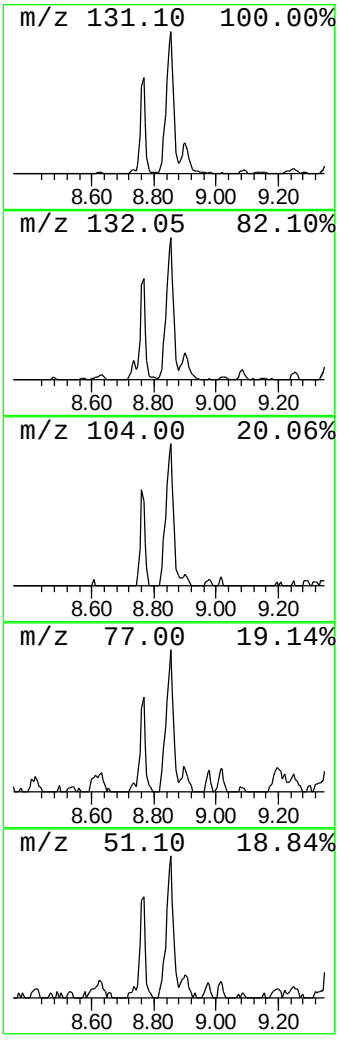
Peak Number 10 2-Propenal, 3-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	8.12 ng	302232	Naphthalene-d8	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	86
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	83





Library Search Compound Report

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Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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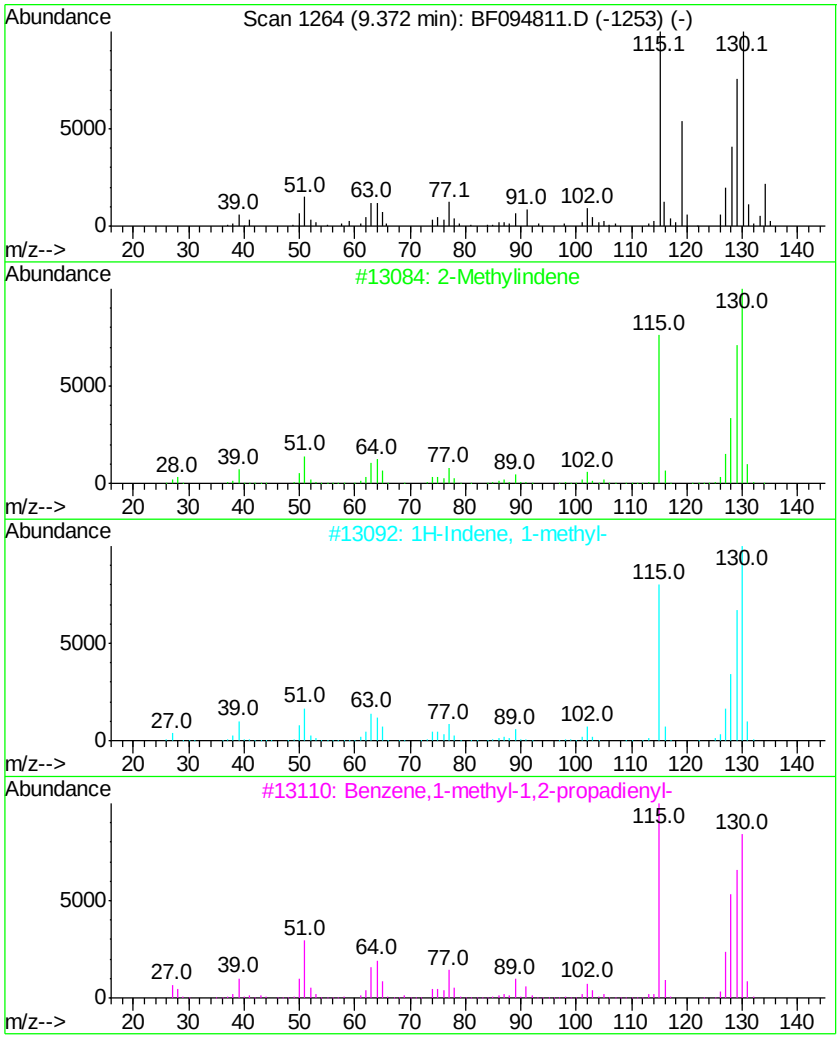
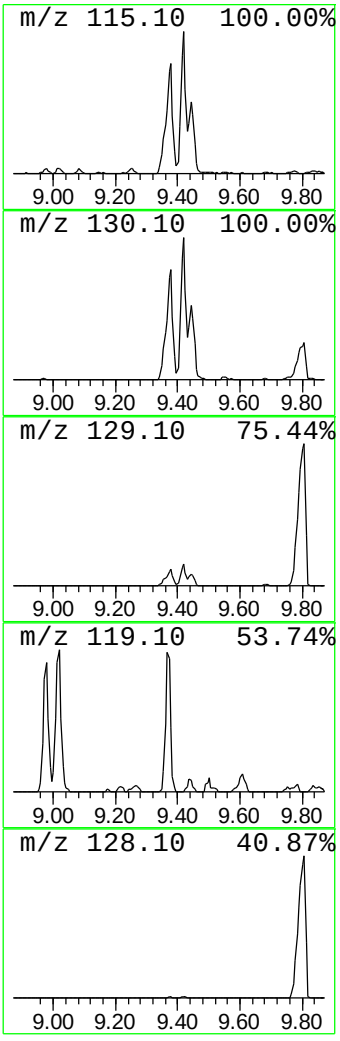
Peak Number 11 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	10.44 ng	388823	Naphthalene-d8	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95





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Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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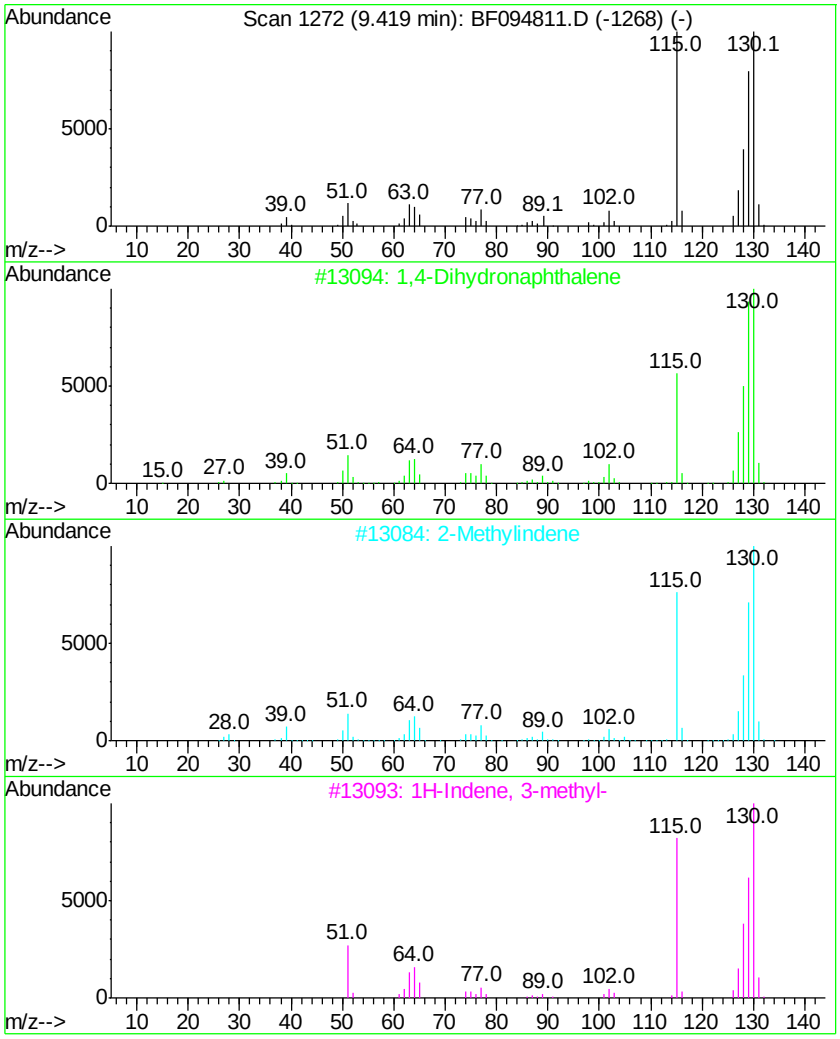
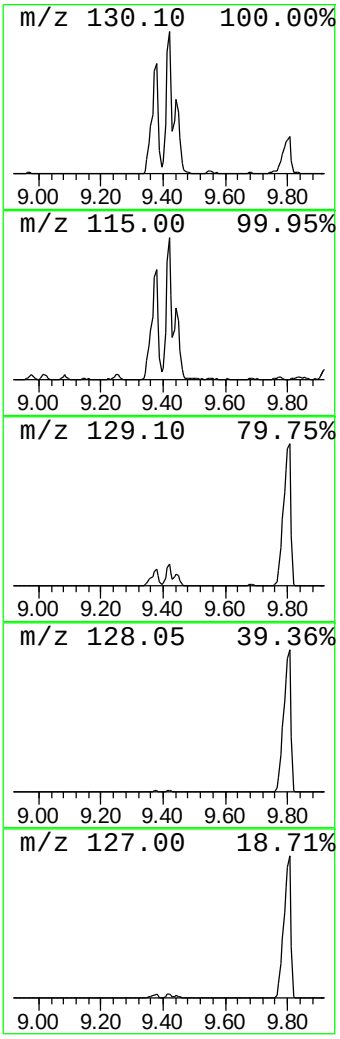
Peak Number 12 1,4-Dihydronaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	7.13 ng	265527	Naphthalene-d8	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





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Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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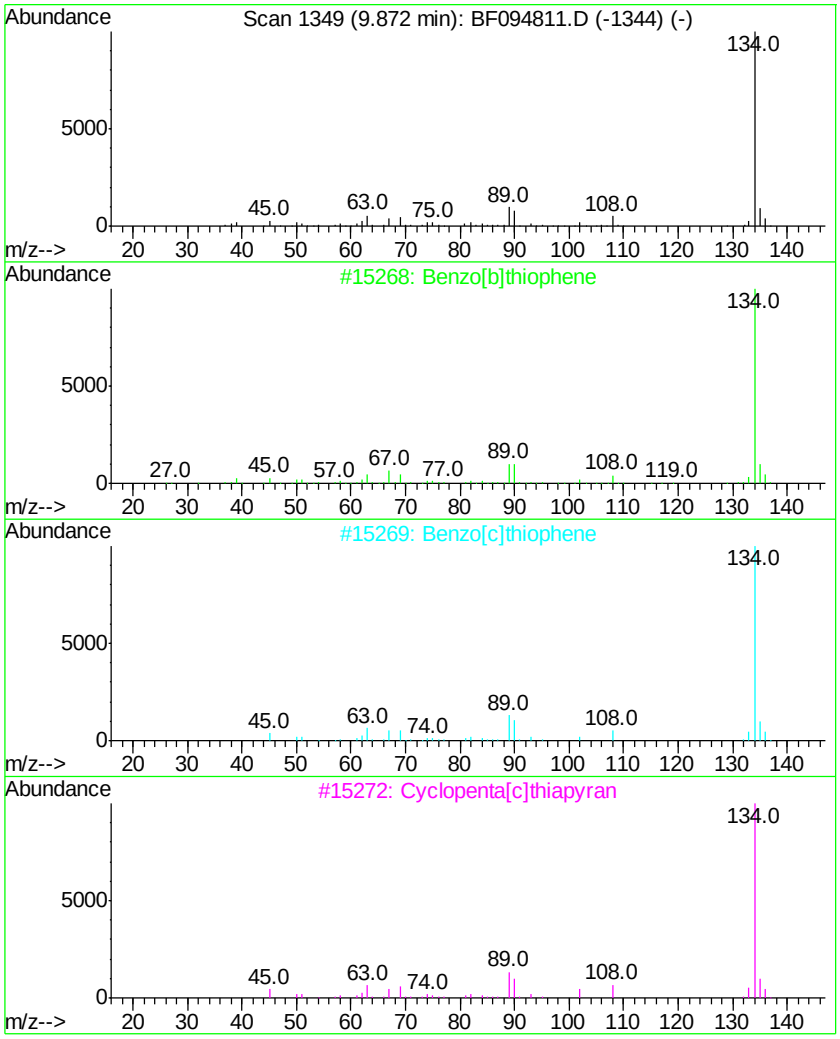
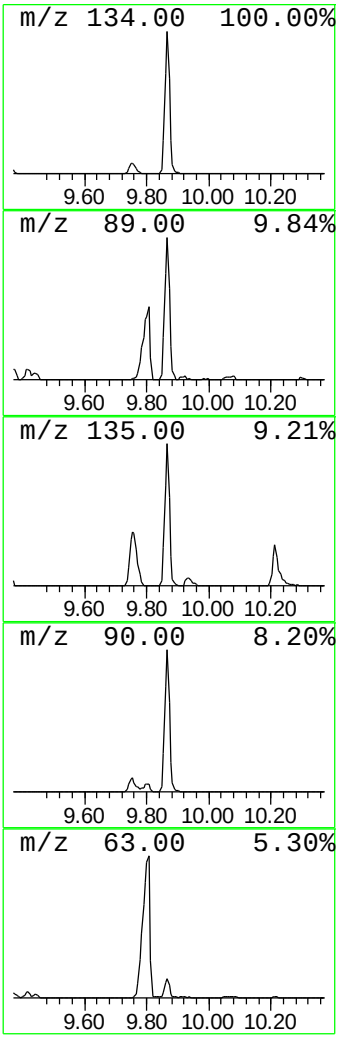
Peak Number 13 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	17.61 ng	655661	Naphthalene-d8	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	50





Library Search Compound Report

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Data File : BF094811.D
Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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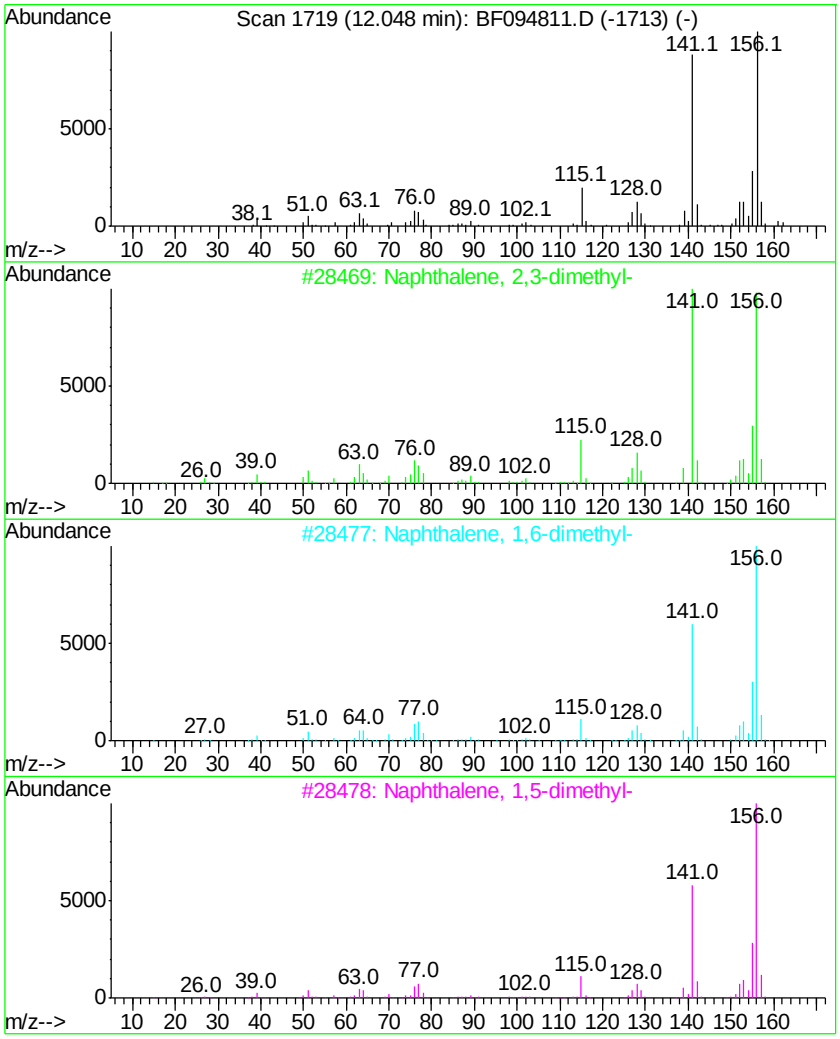
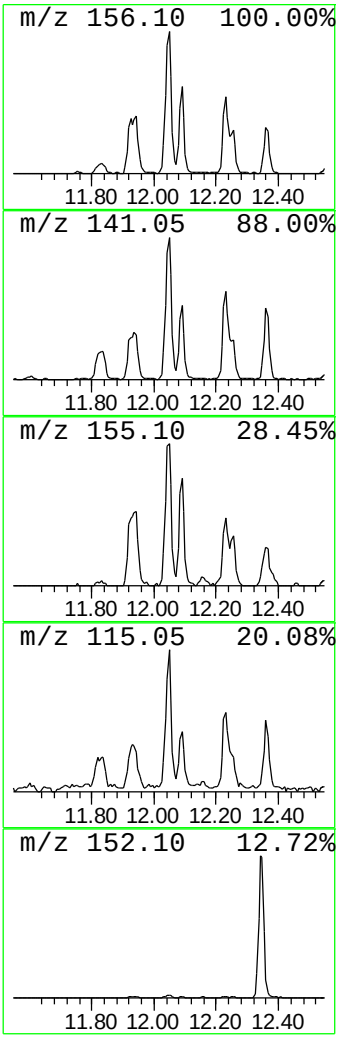
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	10.35 ng	450312	Acenaphthene-d10	12.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 3 May 2017 00:40
Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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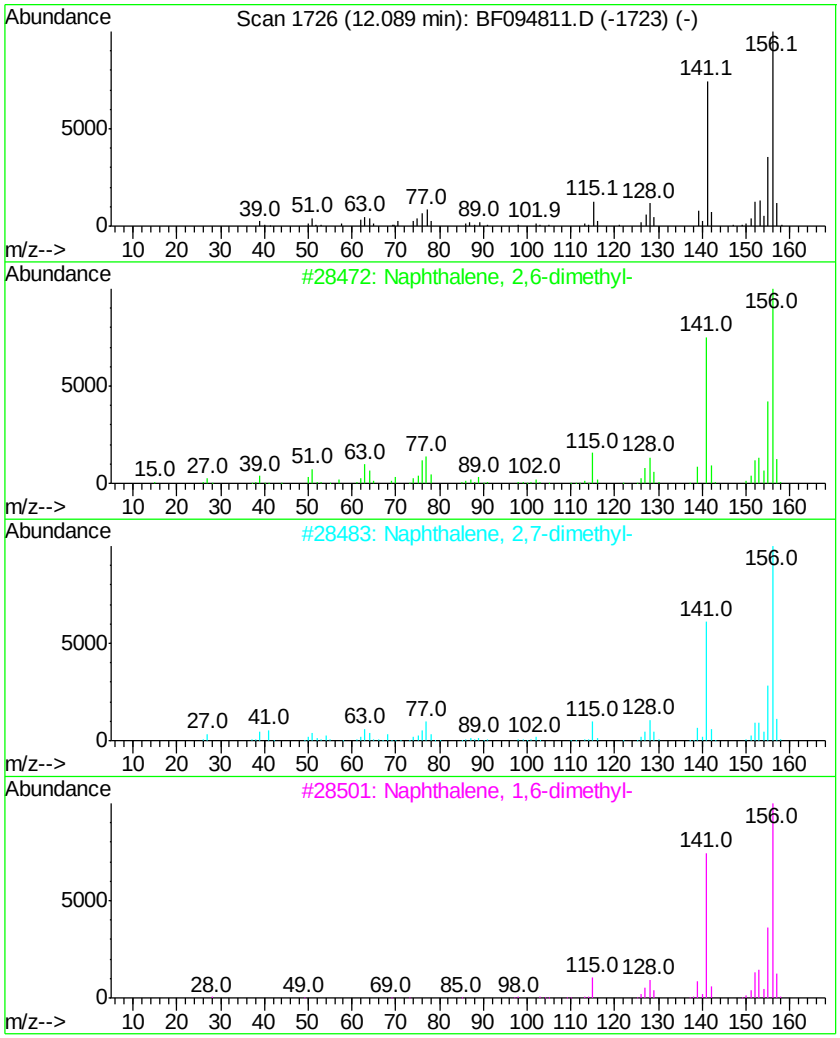
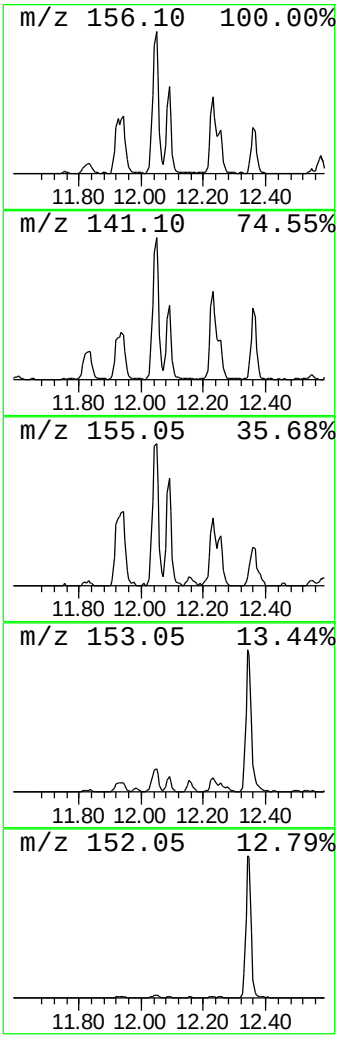
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.88 ng	212207	Acenaphthene-d10	12.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : SJ/MA
Sample : I2923-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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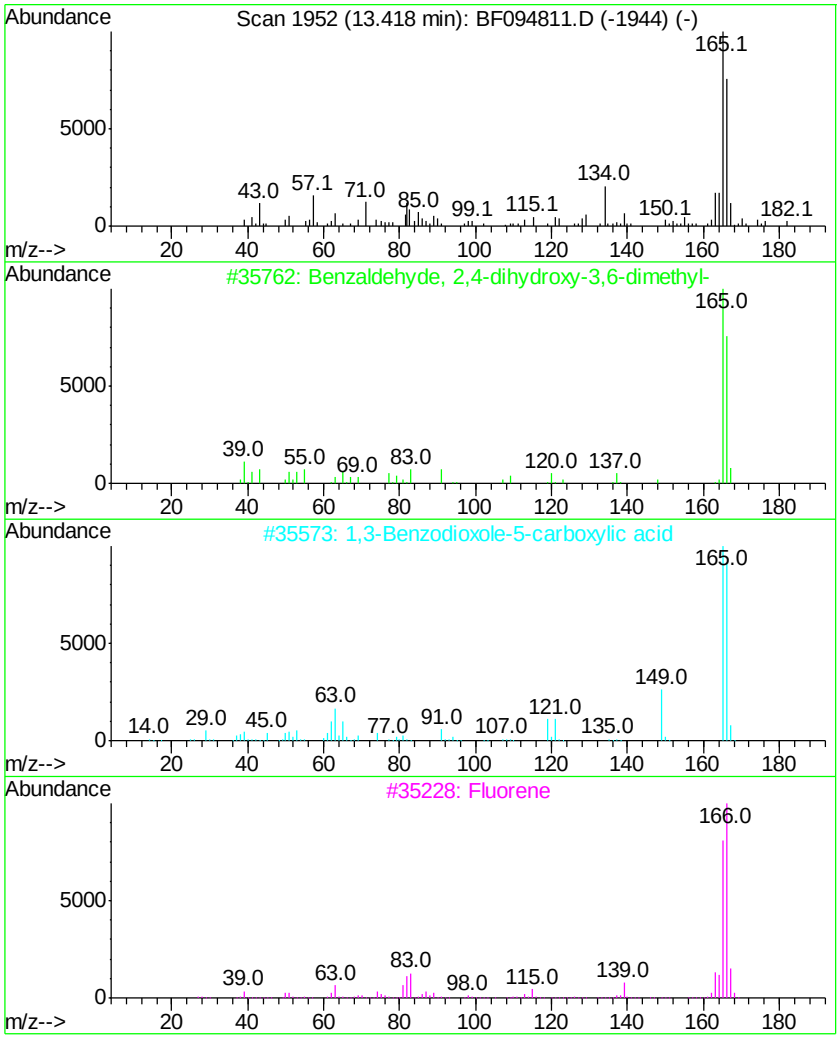
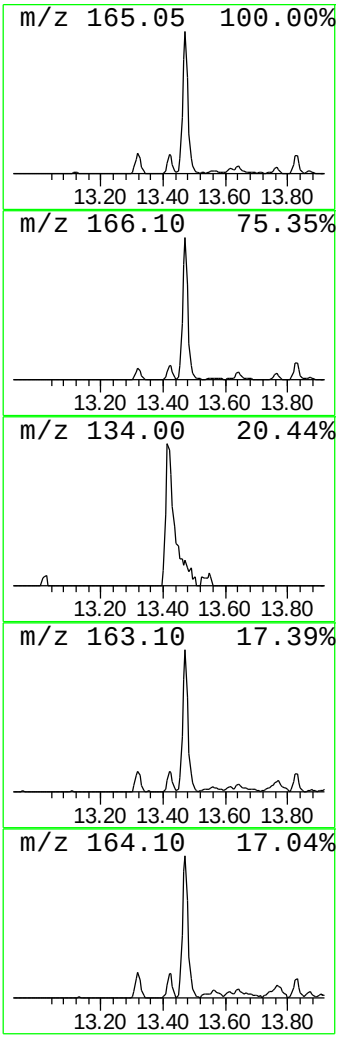
Peak Number 19 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.68 ng	247122	Acenaphthene-d10	12.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
2	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59
3	Fluorene	166	C13H10	000086-73-7	58
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	45
5	Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	45





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-PURGE-WATER(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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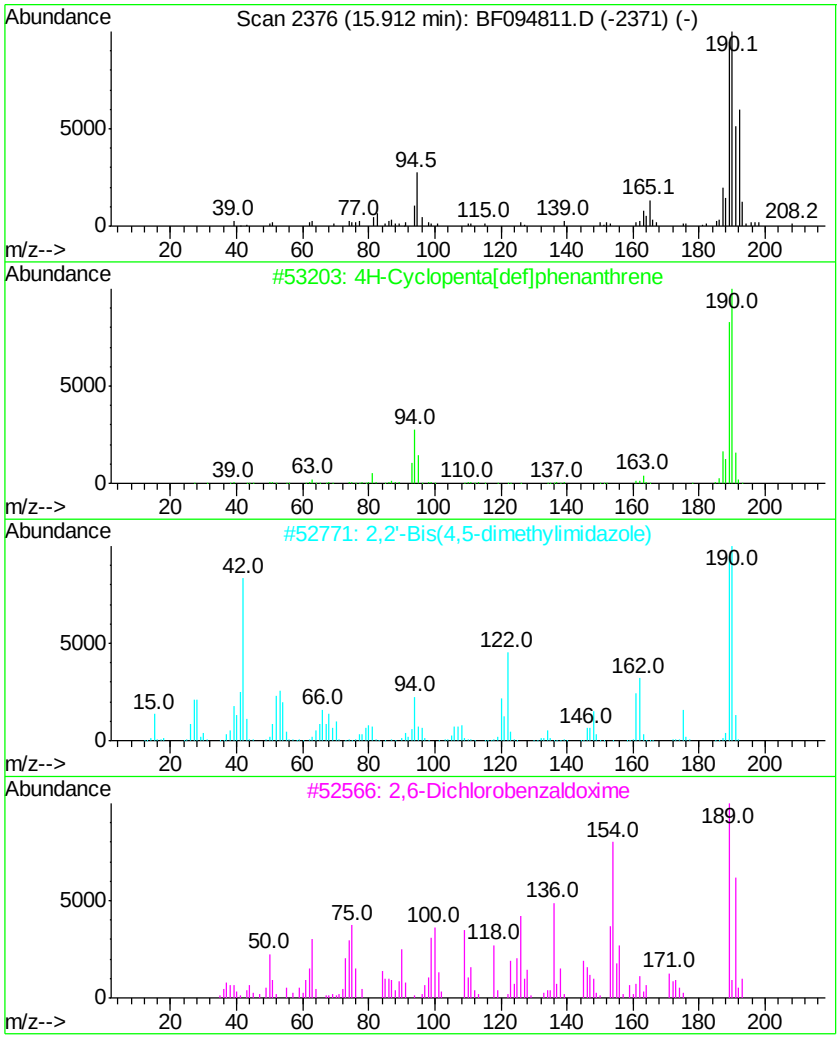
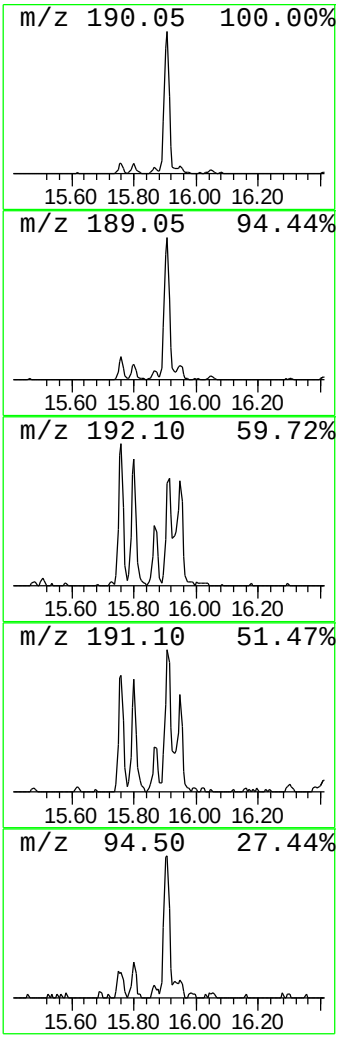
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.50 ng	294190	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	41.4	ng	1130360	1	7.73	546162	20.0
Benzene, 1,3-dime...	5.57	4.9	ng	133320	1	7.73	546162	20.0
Benzene, 1,2,3-tr...	7.13	6.7	ng	182243	1	7.73	546162	20.0
unknown7.40	7.40	39.1	ng	1068680	1	7.73	546162	20.0
Benzofuran	7.50	7.3	ng	197995	1	7.73	546162	20.0
Benzene, 1,2,4-tr...	7.83	5.4	ng	147749	1	7.73	546162	20.0
Indene	8.14	60.8	ng	1660970	1	7.73	546162	20.0
2-Propenal, 3-phe...	8.85	8.1	ng	302232	2	9.75	744770	20.0
2-Methylindene	9.37	10.4	ng	388823	2	9.75	744770	20.0
1,4-Dihydronaphth...	9.42	7.1	ng	265527	2	9.75	744770	20.0
Benzo[b]thiophene	9.87	17.6	ng	655661	2	9.75	744770	20.0
Naphthalene, 2,3-...	12.05	10.4	ng	450312	3	12.58	870089	20.0
Naphthalene, 2,6-...	12.09	4.9	ng	212207	3	12.58	870089	20.0
Benzaldehyde, 2,4...	13.42	5.7	ng	247122	3	12.58	870089	20.0
4H-Cyclopenta[def...	15.91	6.5	ng	294190	4	14.98	905279	20.0