LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

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-BF041717.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	2.972	168	176	180	rBV	1587205	1766314	11.74%	1.766%
2	4.184	374	382	385	rBV	6491335	10096549	67.09%	10.093%
3	4.295	393	401	403	rBV	2985759	4649384	30.89%	4.648%
4	4.325	403	406	417	rVB	1310352	1327161	8.82%	1.327%
5	4.537	436	442	445	rBV	3842532	4078398	27.10%	4.077%
6	4.860	493	497	501	rBV	987078	863124	5.74%	0.863%
7	5.166	544	549	554	rVB	357823	376724	2.50%	0.377%
8	5.242	558	562	565	rVV	1401880	1263240	8.39%	1.263%
9	5.278	565	568	571	rVV	1410423	1208848	8.03%	1.208%
10	5.325	572	576	580	rVB	887881	777951	5.17%	0.778%
11	5.413	586	591	595	rBV2	976951	1413842	9.39%	1.413%
12	5.448	595	597	605	rVV	122218	180569	1.20%	0.181%
13	5.525	605	610	615	rVV	2395608	2636207	17.52%	2.635%
14	5.578	615	619	622	rVV	2494884	2618629	17.40%	2.618%
15	5.766	647	651	654	rBV	736893	691581	4.60%	0.691%
16	5.807	654	658	660	rVV	388586	356749	2.37%	0.357%
17	5.837	660	663	665	rVV	1061578	993904	6.60%	0.994%
18	5.942	677	681	683	rBV	2325157	2329231	15.48%	2.328%
19	5.972	683	686	689	rVB	2212751	1917821	12.74%	1.917%
20	6.078	697	704	707	rBV	5986289	8568647	56.94%	8.566%
21	6.137	711	714	721	rVB	276822	290211	1.93%	0.290%
22	6.389	750	757	758	rVV2	236420	277180	1.84%	0.277%
23	6.419	758	762	765	rVV	1945312	1987178	13.20%	1.986%
24	6.448	765	767	770	rVV	210225	208230	1.38%	0.208%
25	6.519	776	779	784	rVV2	176428	208372	1.38%	0.208%
26	6.578	784	789	792	rVV3	136930	228188	1.52%	0.228%
27	6.695	806	809	813	rBV	215797	178649	1.19%	0.179%
28	6.872	834	839	842	rBV2	255878	330853	2.20%	0.331%
29	6.960	849	854	859	rBV3	1118637	1837362	12.21%	1.837%
30	7.007	859	862	869	rVB	983112	1560154	10.37%	1.560%
31	7.101	875	878	882	rVB	335407	296830	1.97%	0.297%
32	7.319	902	915	917	rBV	6744056	15049703	100.00%	15.044%
33	7.354	917	921	931	rVB	624709	685504	4.55%	0.685%
34	7.701	975	980	984	rBV2	161044	200473	1.33%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.883	989	1011	1014	rVV4	1407080	6842230	45.46%	6.840%
36	8.125	1047	1052	1057	rBV	282964	288053	1.91%	0.288%
37	8.248	1068	1073	1077	rVB	2408191	2258479	15.01%	2.258%
38	8.583	1125	1130	1133	rBV	3585969	3595933	23.89%	3.595%
39	8.695	1145	1149	1153	rVB	798294	672419	4.47%	0.672%
40	8.825	1165	1171	1178	rVB2	112681	204207	1.36%	0.204%
41	8.983	1193	1198	1201	rBV	219303	238964	1.59%	0.239%
42	9.013	1201	1203	1209	rVV2	134607	160251	1.06%	0.160%
43	9.125	1218	1222	1229	rVB3	108915	156314	1.04%	0.156%
44	9.219	1233	1238	1244	rVB3	230617	307599	2.04%	0.307%
45	9.307	1249	1253	1261	rBV3	83251	166589	1.11%	0.167%
46	9.395	1261	1268	1271	rBV3	1040468	1309080	8.70%	1.309%
47	9.436	1271	1275	1278	rVB	2563881	2494450	16.57%	2.494%
48	10.066	1379	1382	1390	rVB	629508	580595	3.86%	0.580%
49	10.377	1430	1435	1438	rBV	1613123	1847513	12.28%	1.847%
50	11.213	1571	1577	1580	rBV	840615	914432	6.08%	0.914%
51	11.242	1580	1582	1586	rVV	762661	677760	4.50%	0.678%
52	11.954	1696	1703	1709	rBV3	249278	376533	2.50%	0.376%
53	12.777	1837	1843	1845	rBV	396051	394190	2.62%	0.394%
54	12.836	1845	1853	1865	rVV	670987	1334482	8.87%	1.334%
55	13.195	1908	1914	1917	rBV	2253110	2542485	16.89%	2.542%
56	14.465	2126	2130	2135	rBV	603189	618352	4.11%	0.618%
57	16.095	2403	2407	2415	rVB	533815	600952	3.99%	0.601%

Sum of corrected areas: 100035622

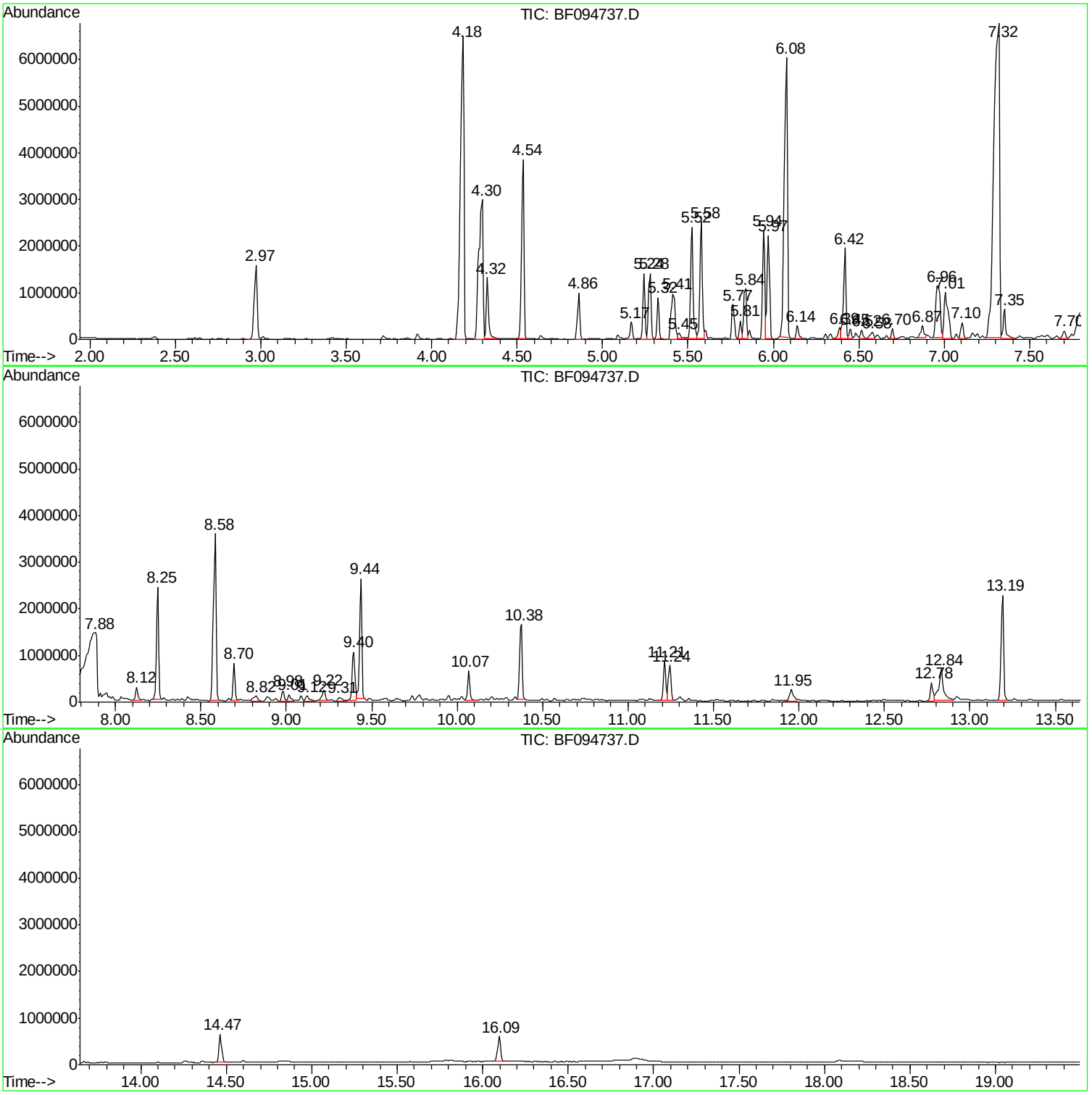
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

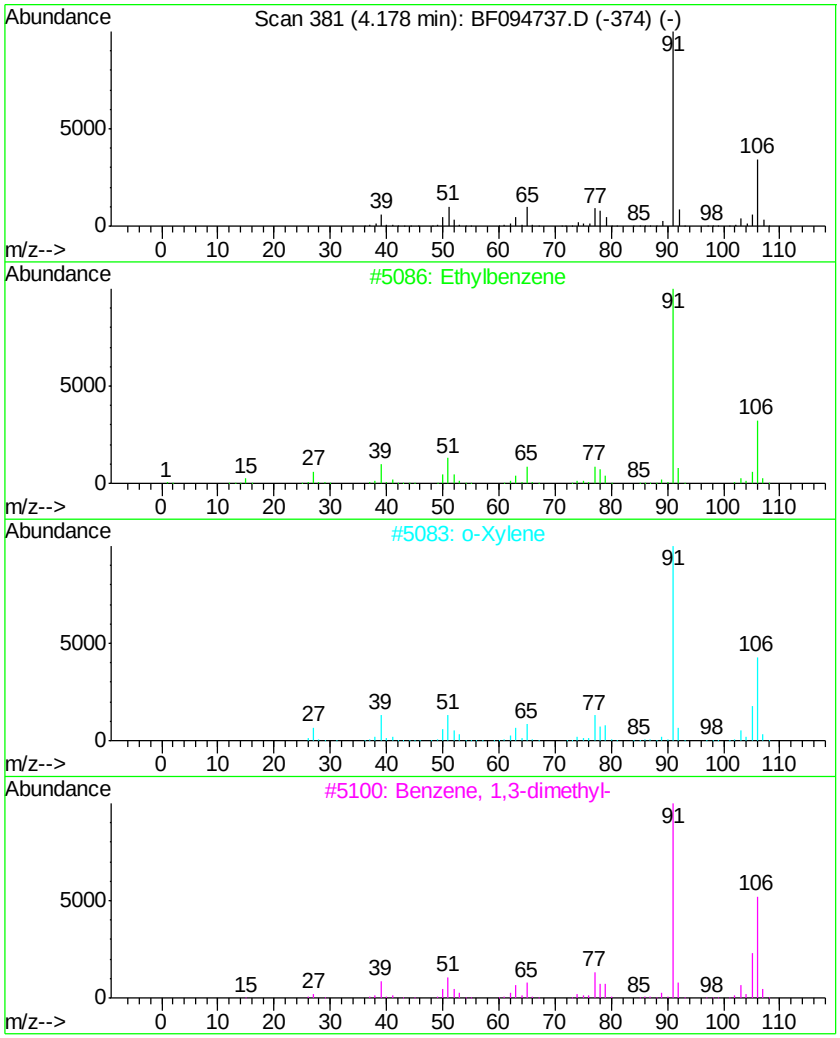
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

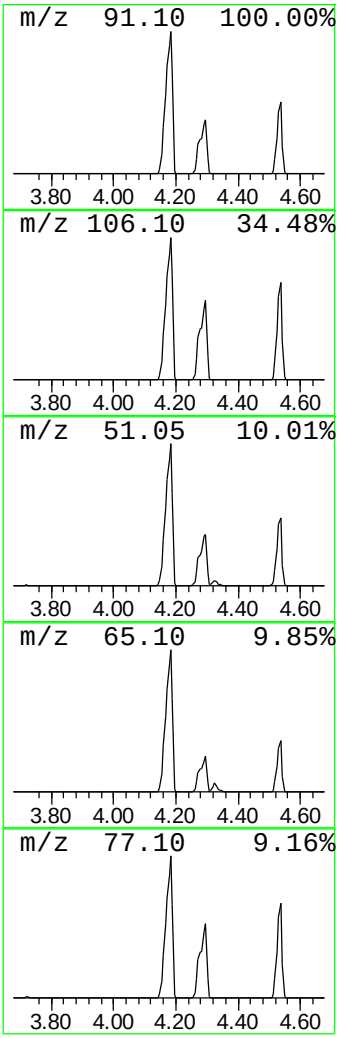
****

Peak Number 2 Ethylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	291.99 ng	10096500	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	81
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
4	p-Xylene	106	C8H10	000106-42-3	64
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

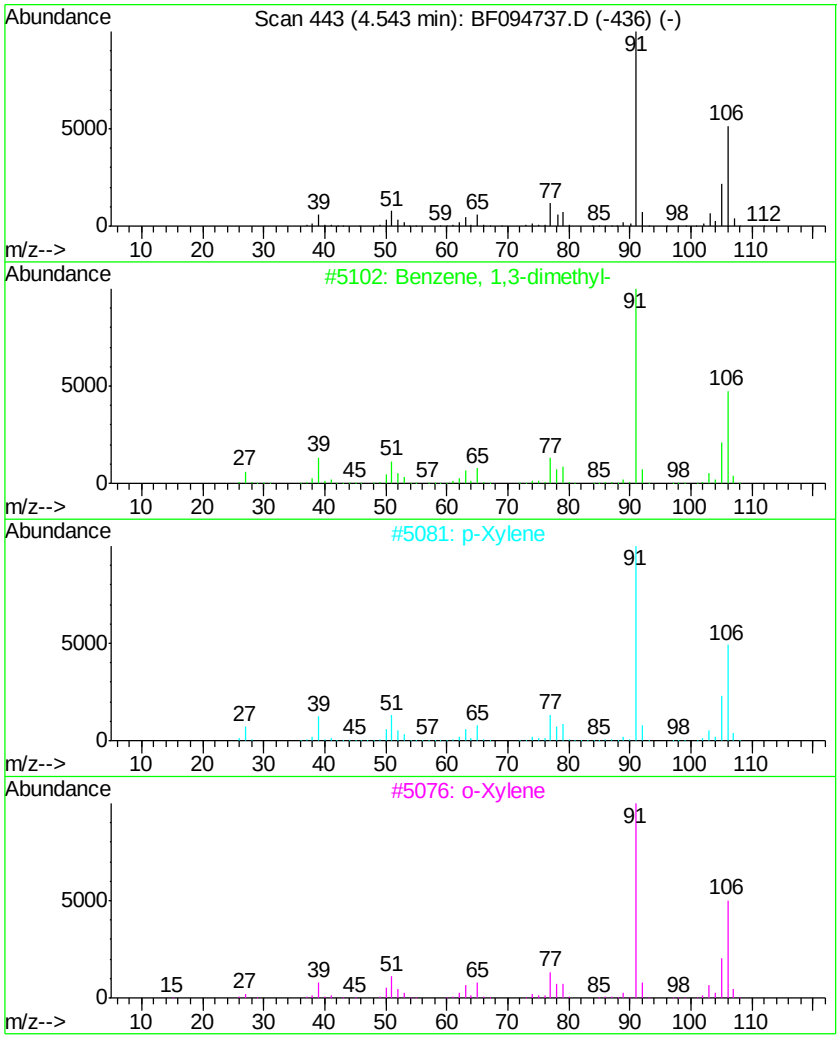
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

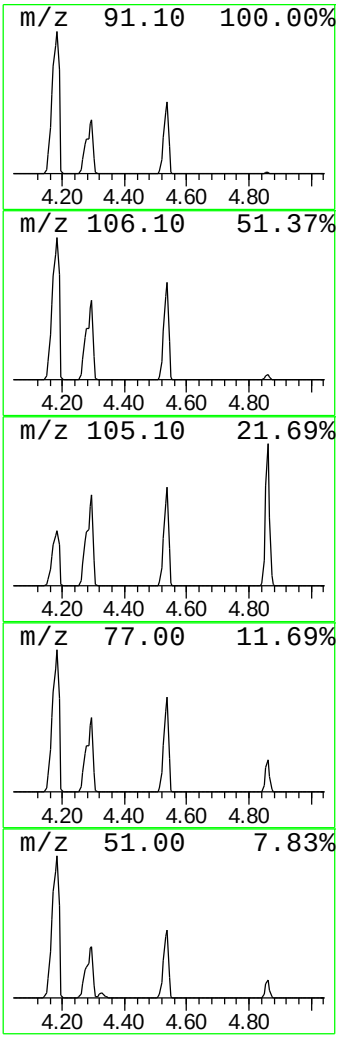
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	117.94 ng	4078400	1,4-Dichlorobenzene-d4	5.77

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	97
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

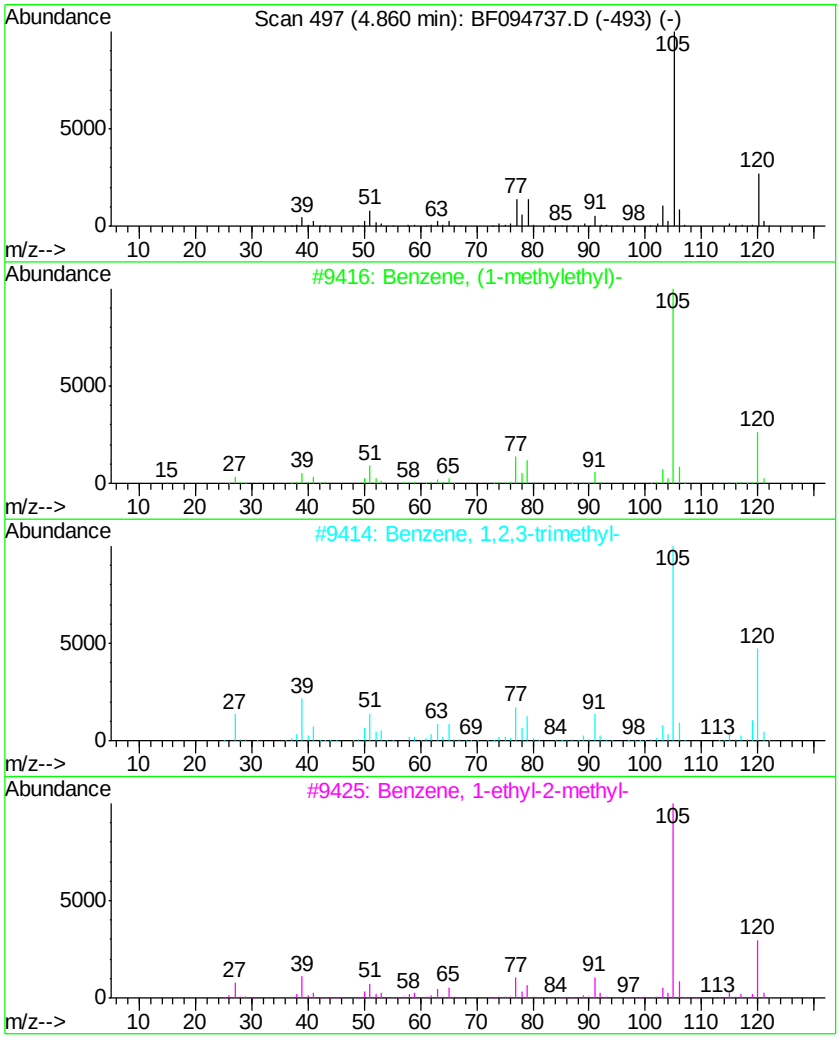
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

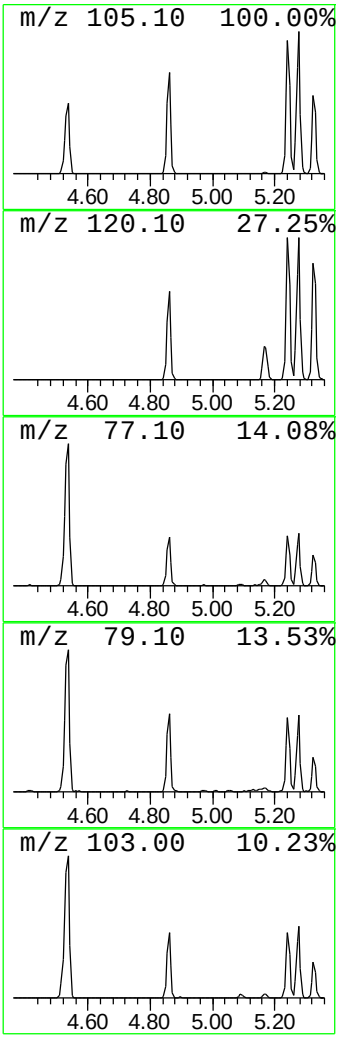
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	24.96 ng	863124	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

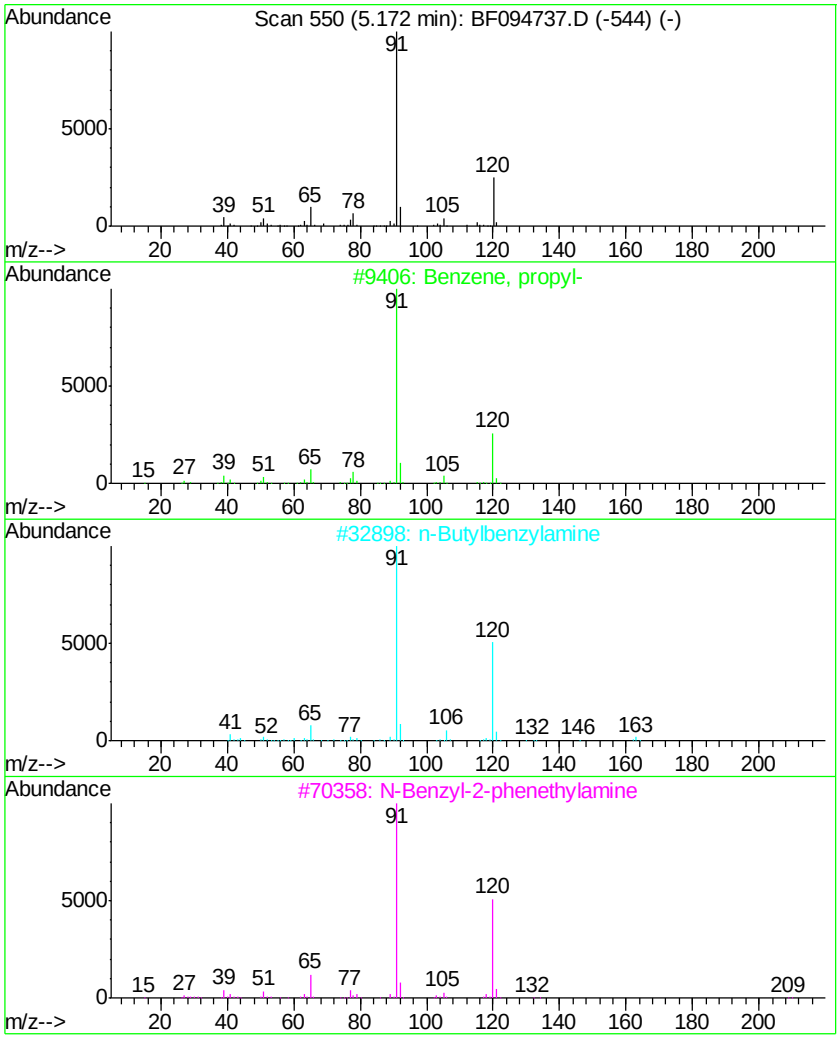
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

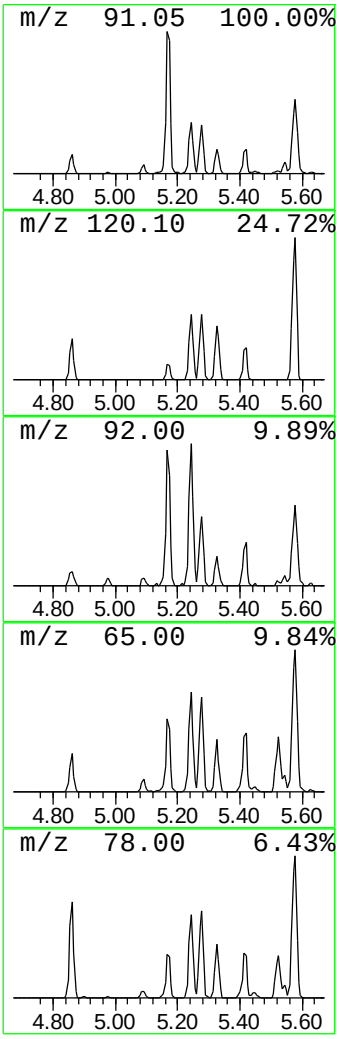
****

Peak Number 5 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	10.89 ng	376724	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

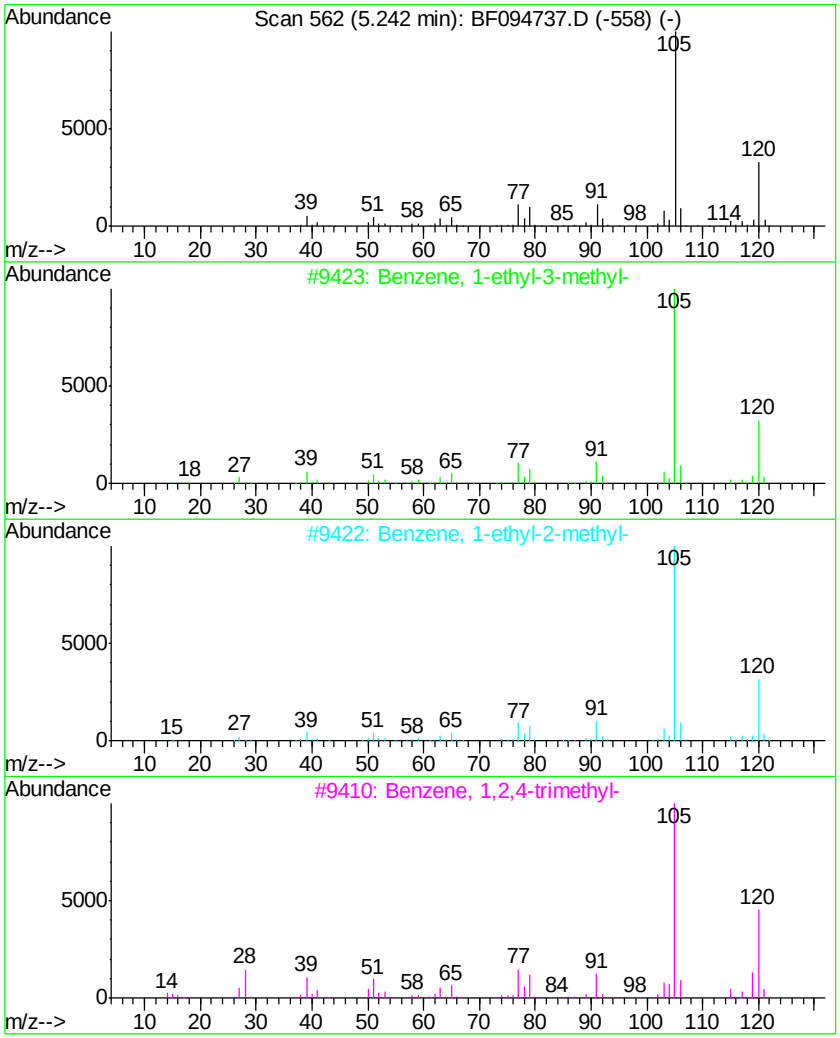
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

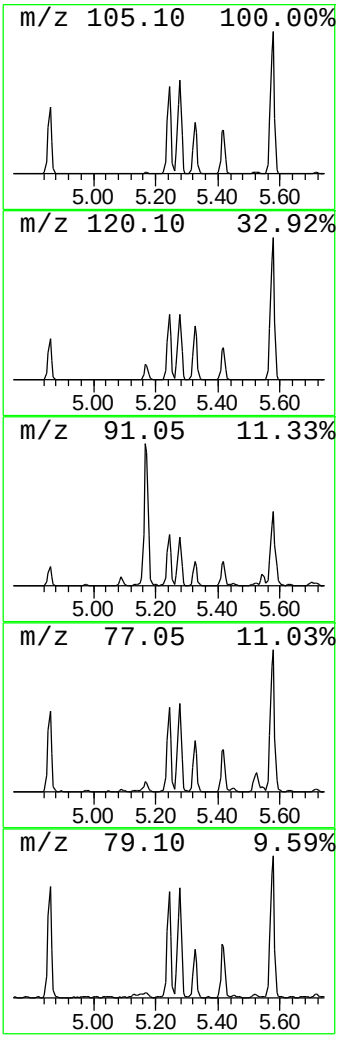
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	36.53 ng	1263240	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

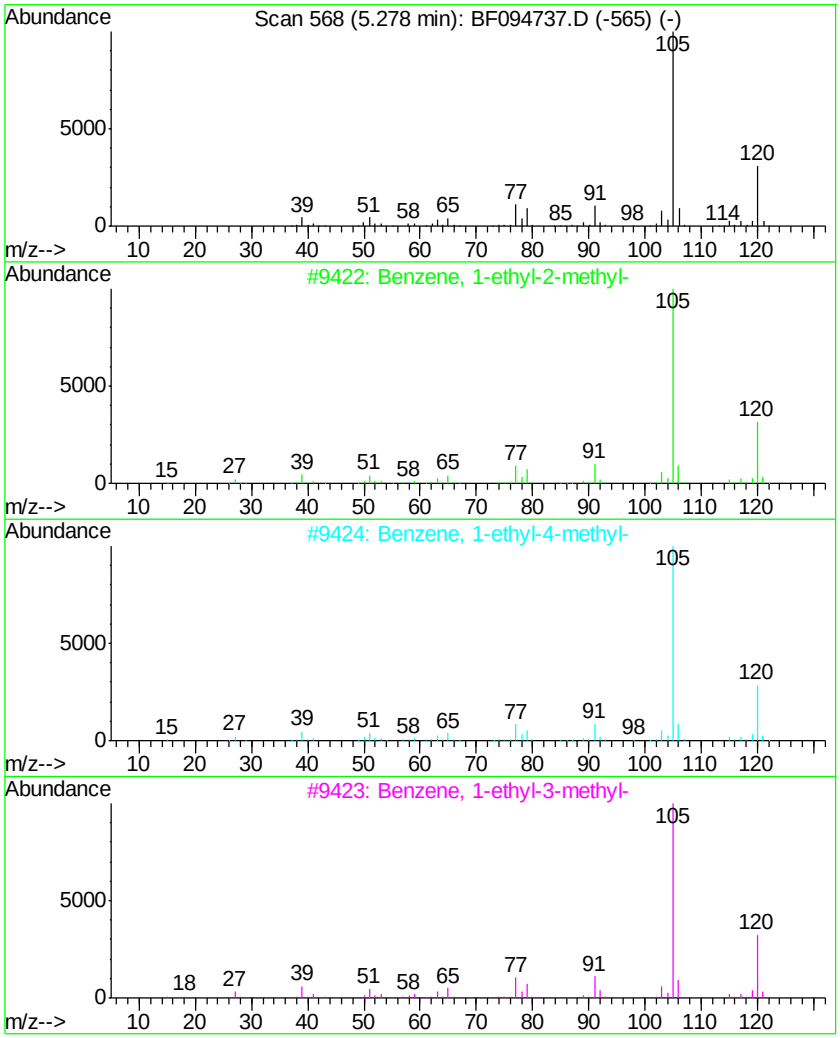
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

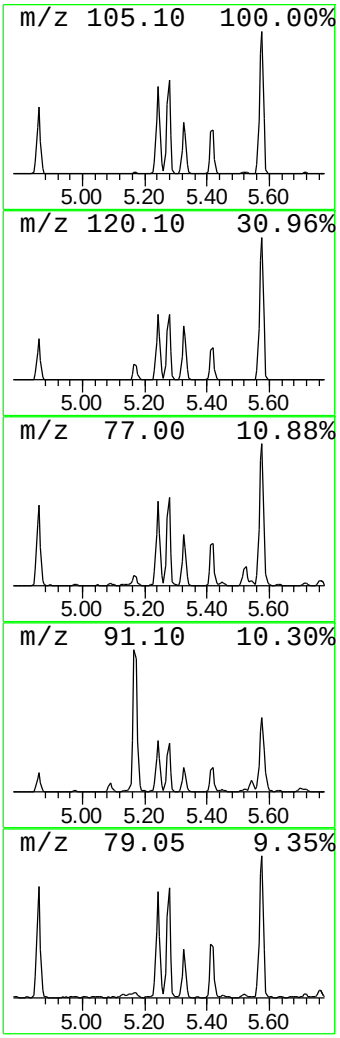
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	34.96 ng	1208850	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

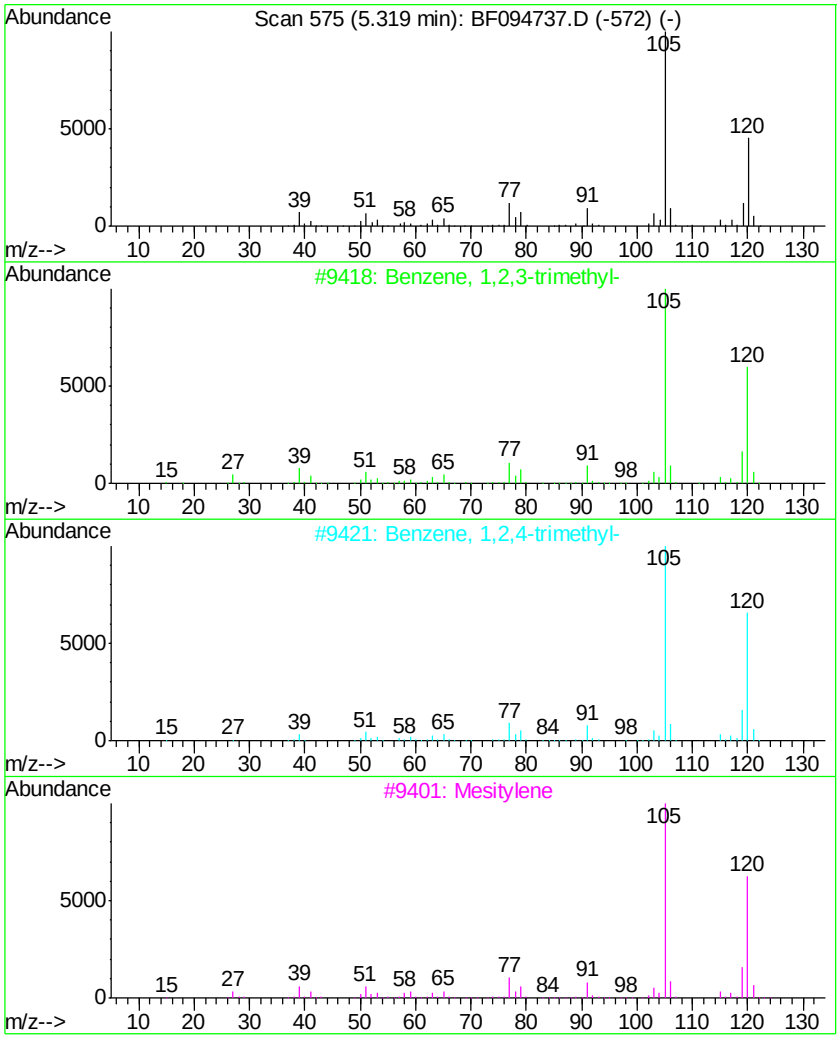
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

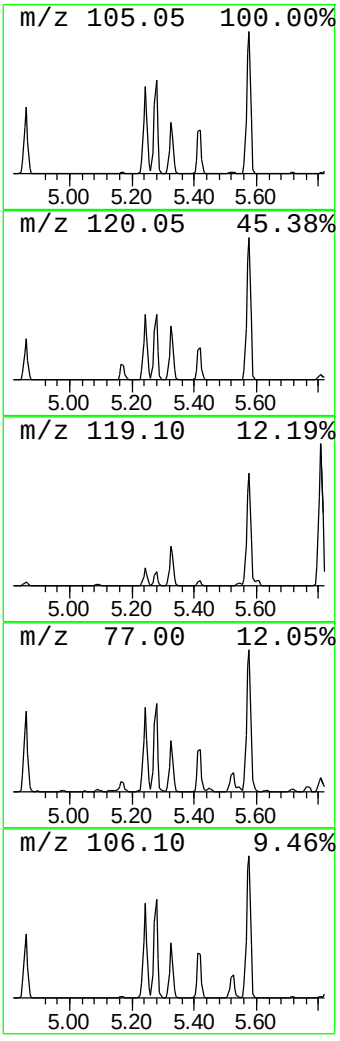
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	22.50 ng	777951	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

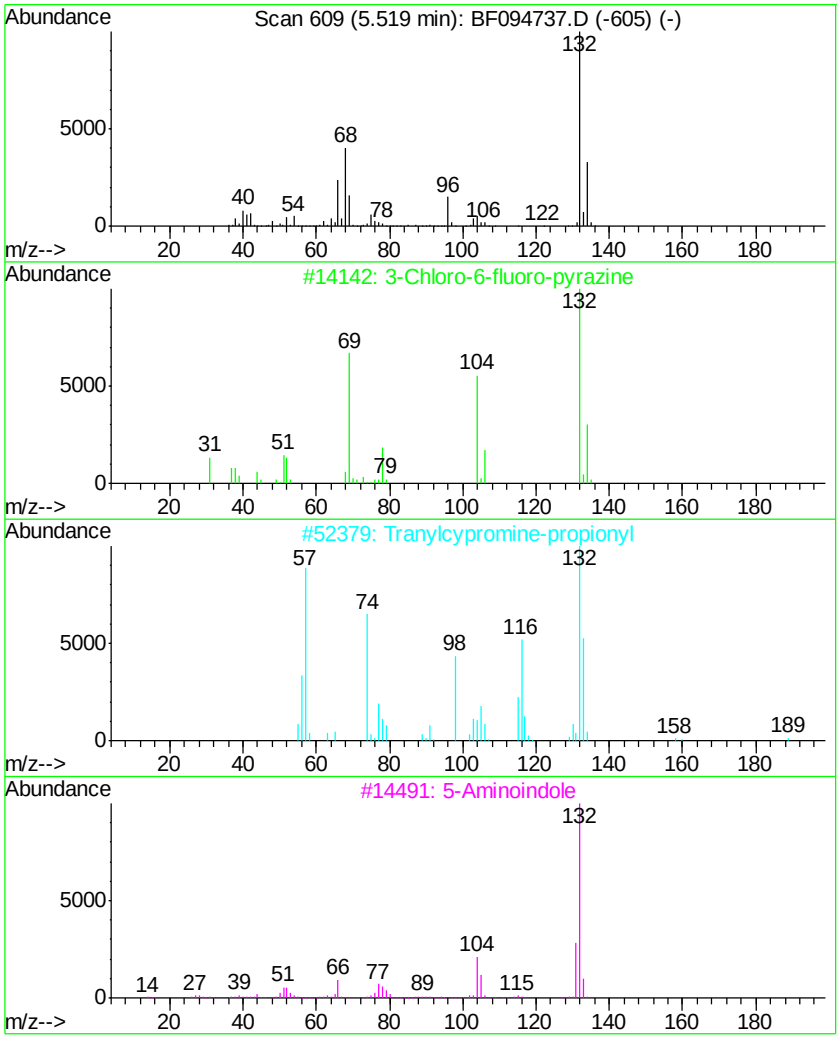
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

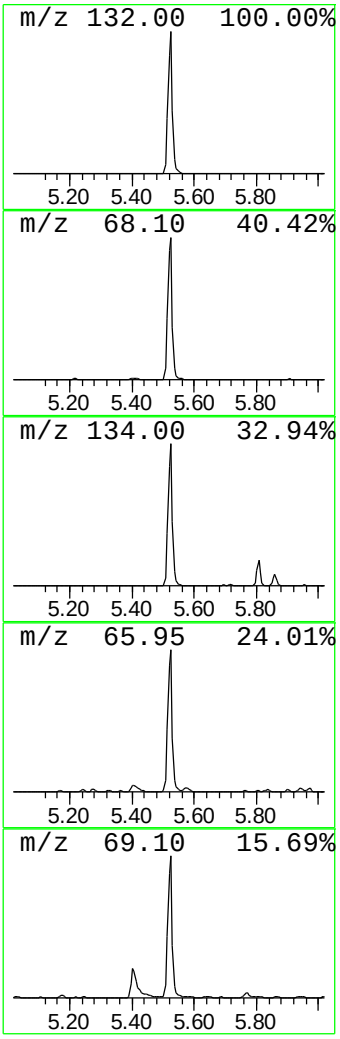
****

Peak Number 9 unknown5.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	76.24 ng	2636210	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

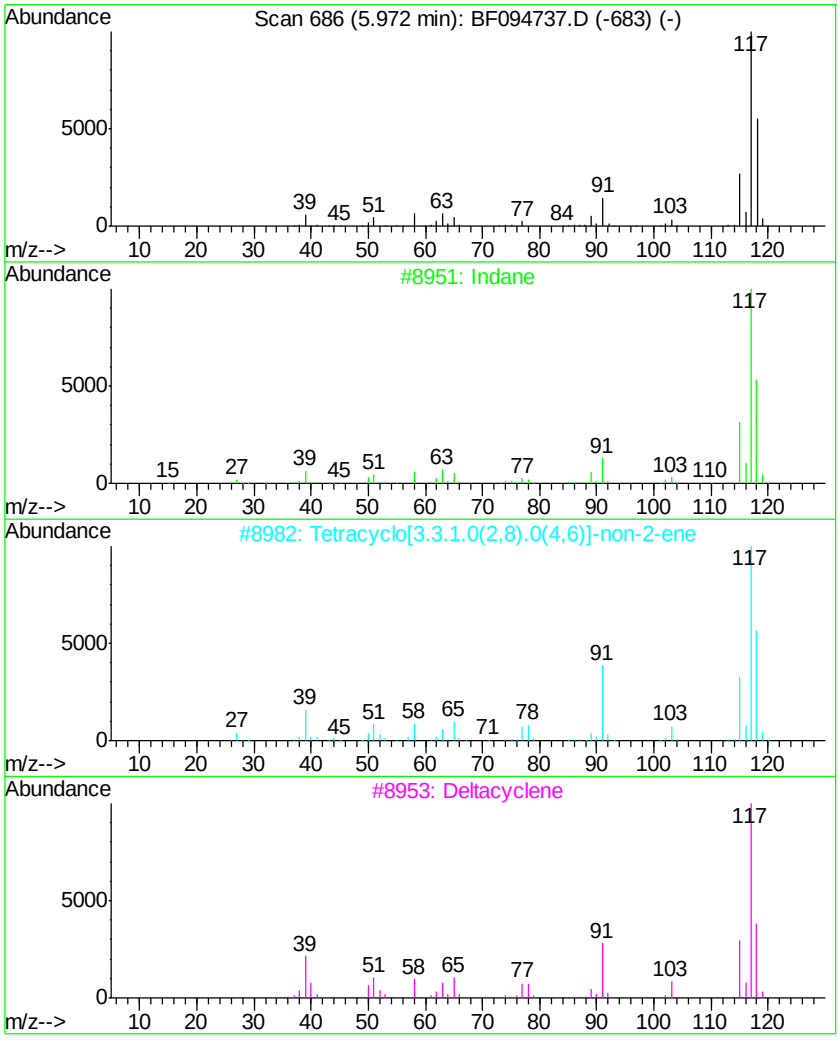
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

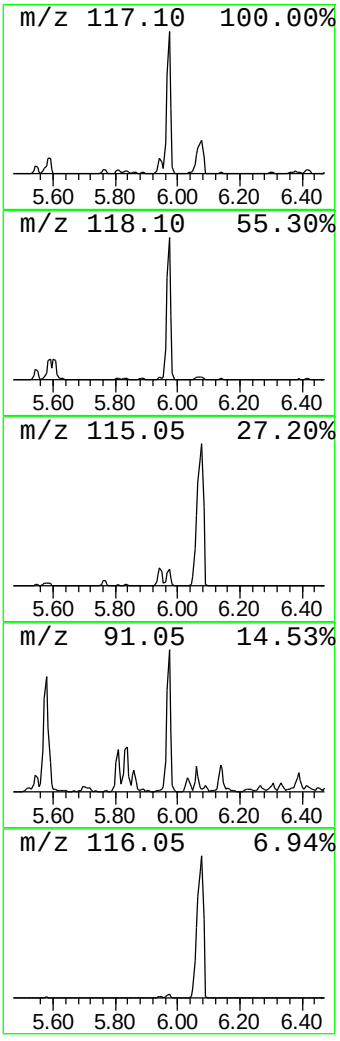
****

Peak Number 13 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	55.46 ng	1917820	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

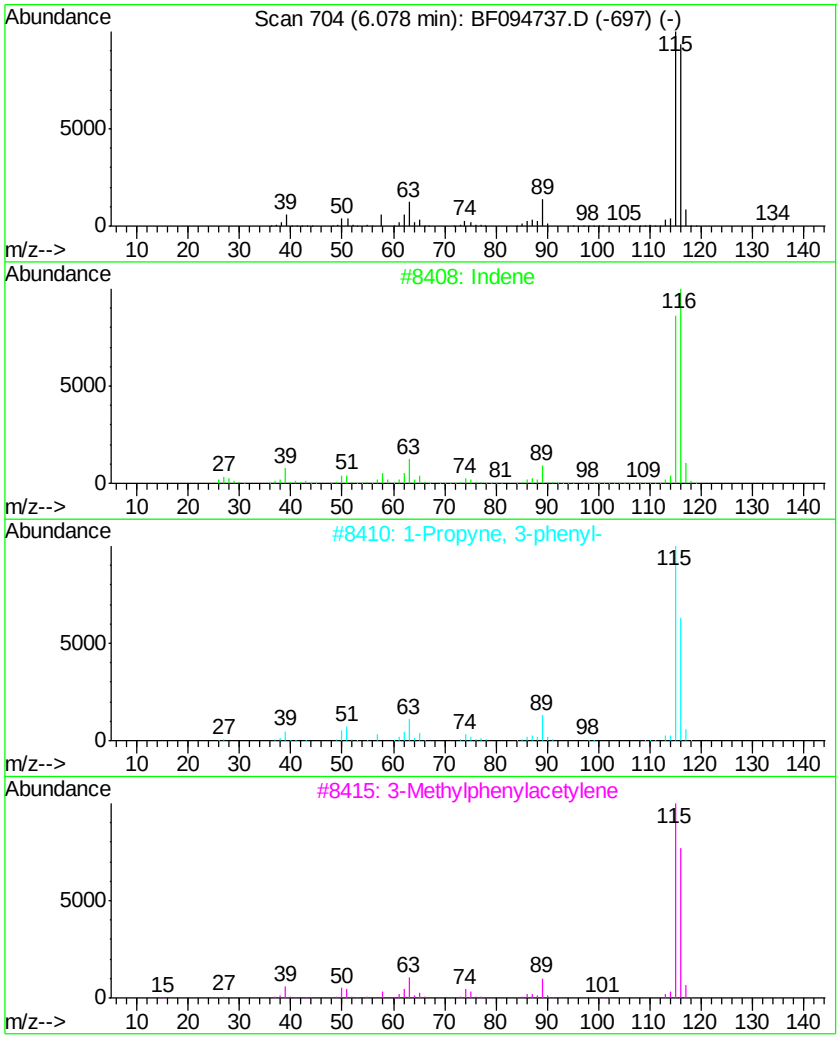
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

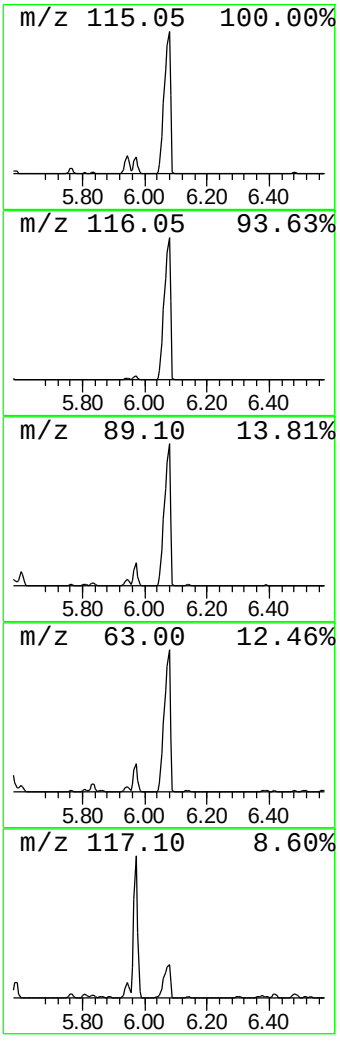
****

Peak Number 14 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	247.80 ng	8568650	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

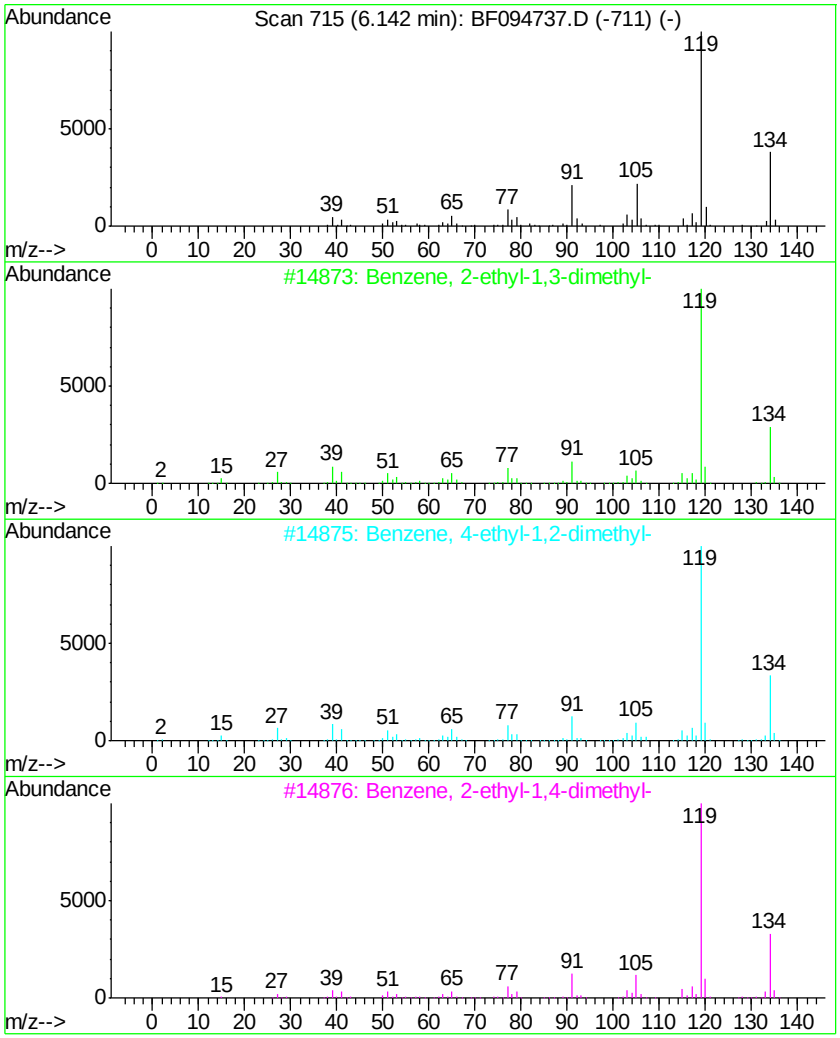
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

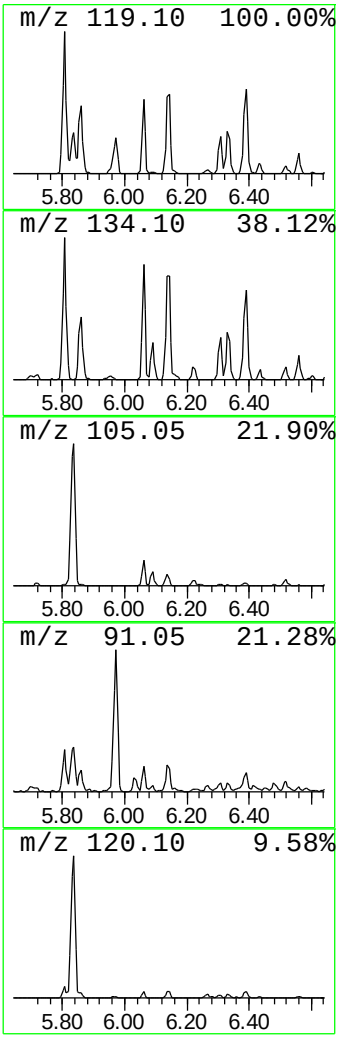
****

Peak Number 15 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	8.39 ng	290211	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

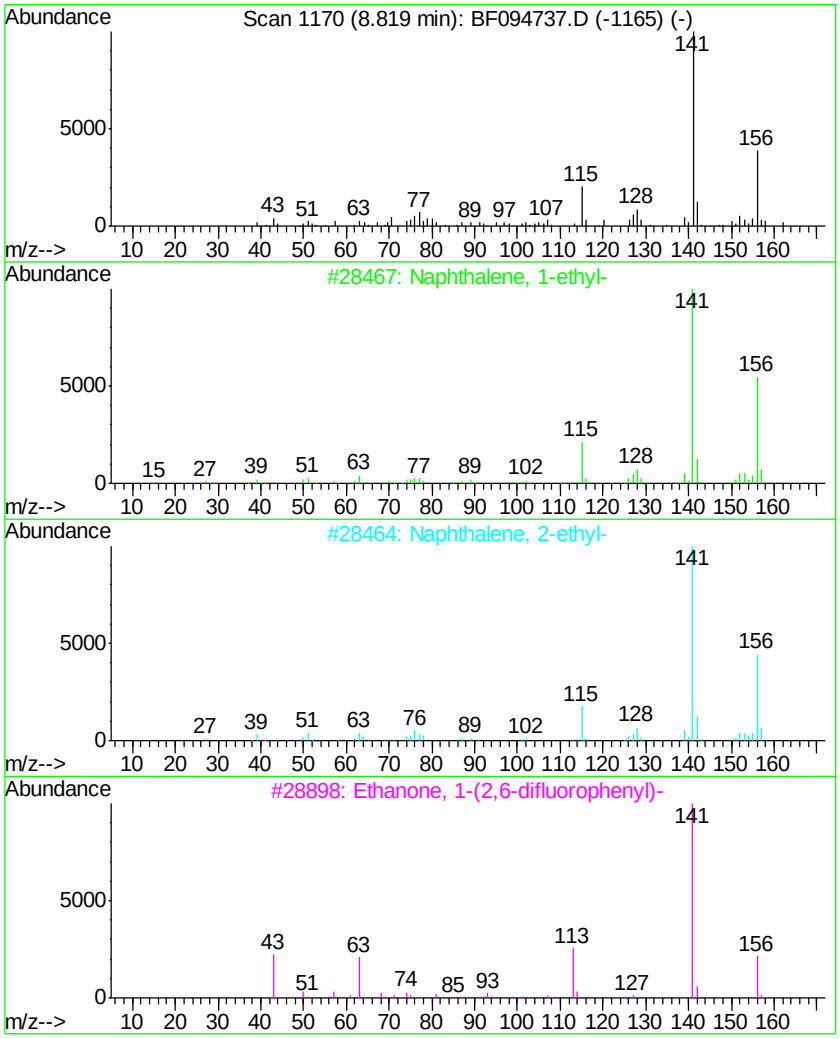
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

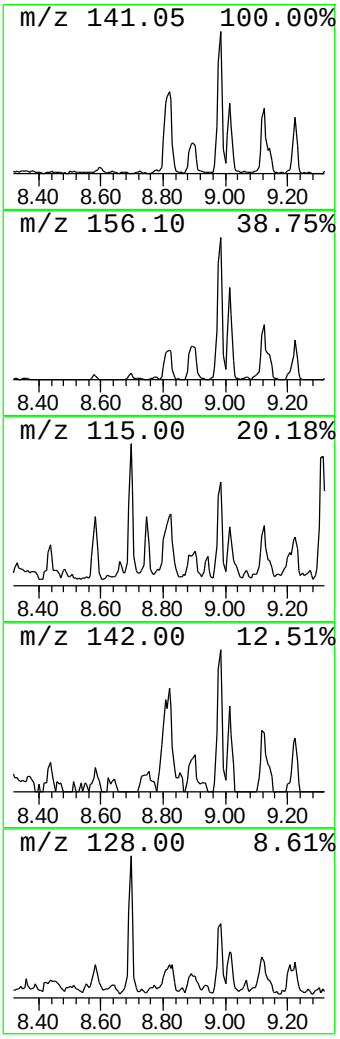
****

Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	3.12 ng	204207	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
3	Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	52
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	50
5	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

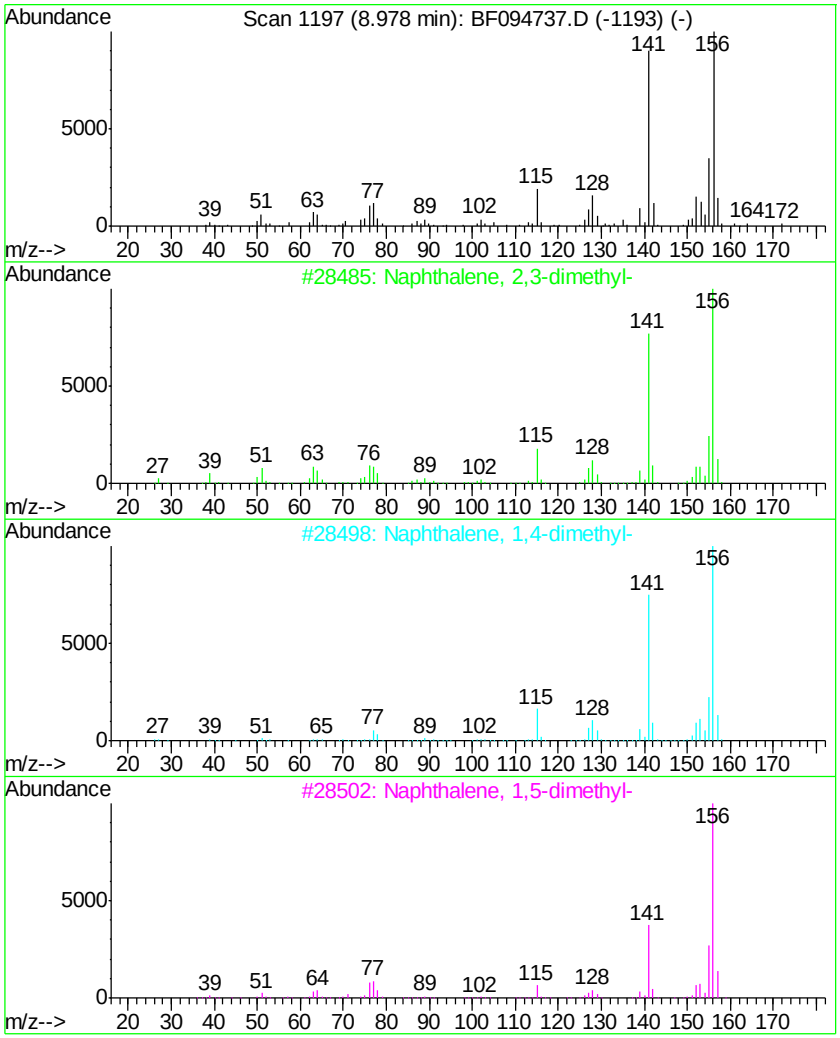
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

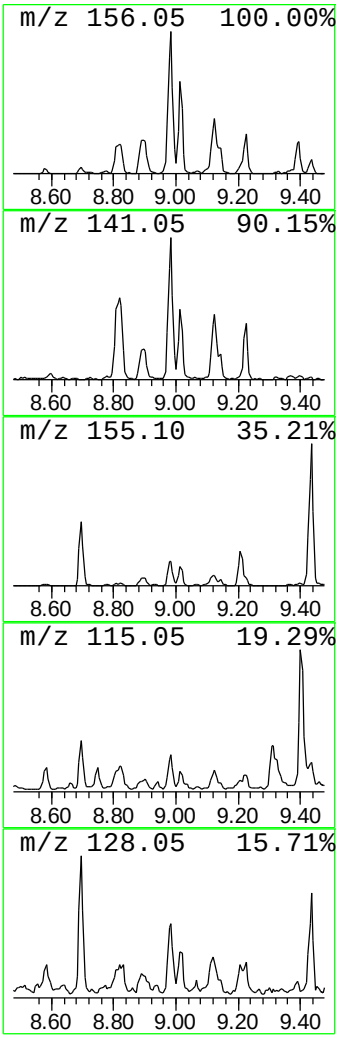
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	3.65 ng	238964	Acenaphthene-d10	9.39

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

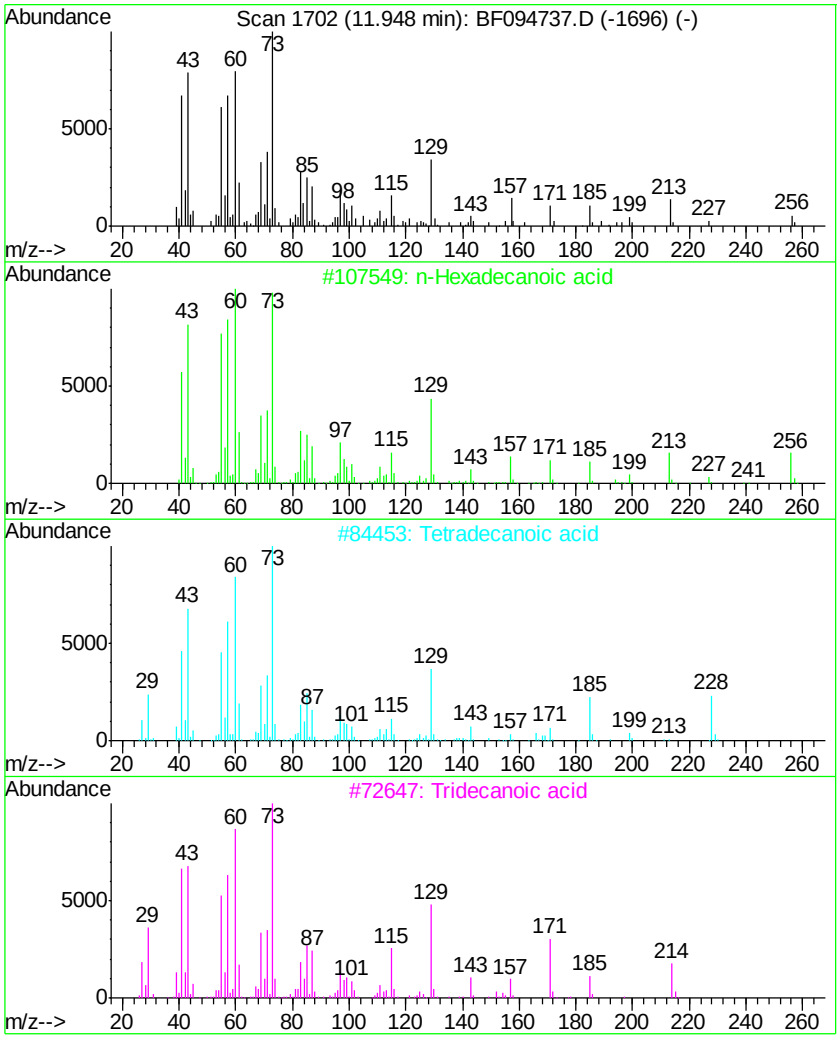
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

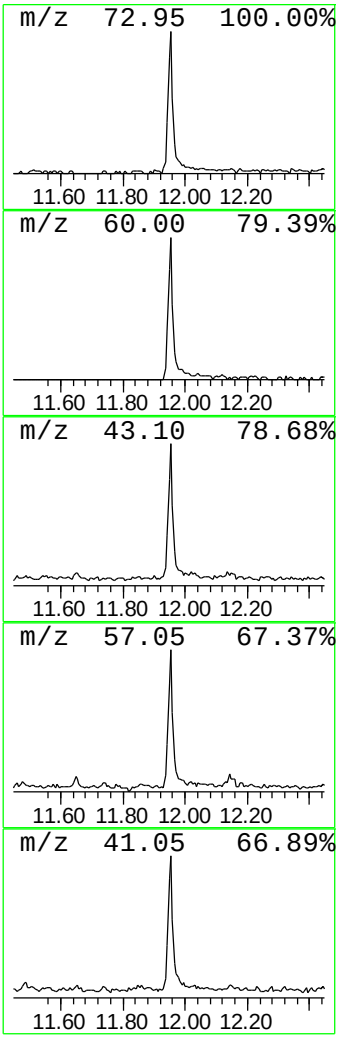
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.24 ng	376533	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

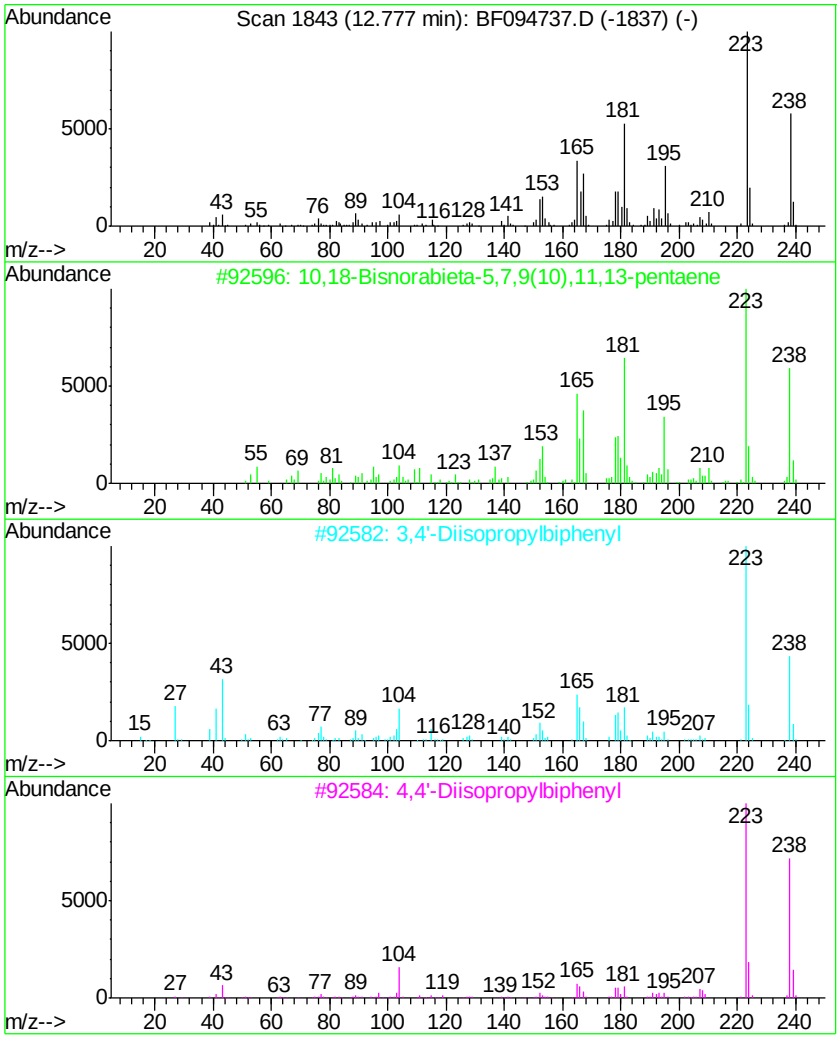
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

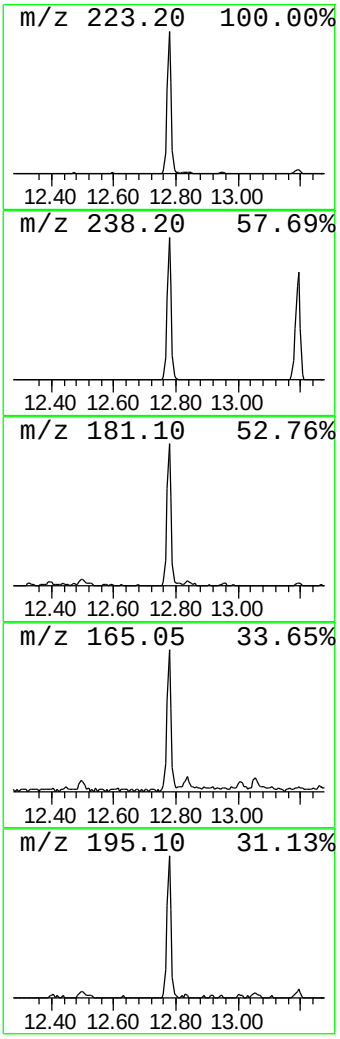
****

Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.62 ng	394190	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	49
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

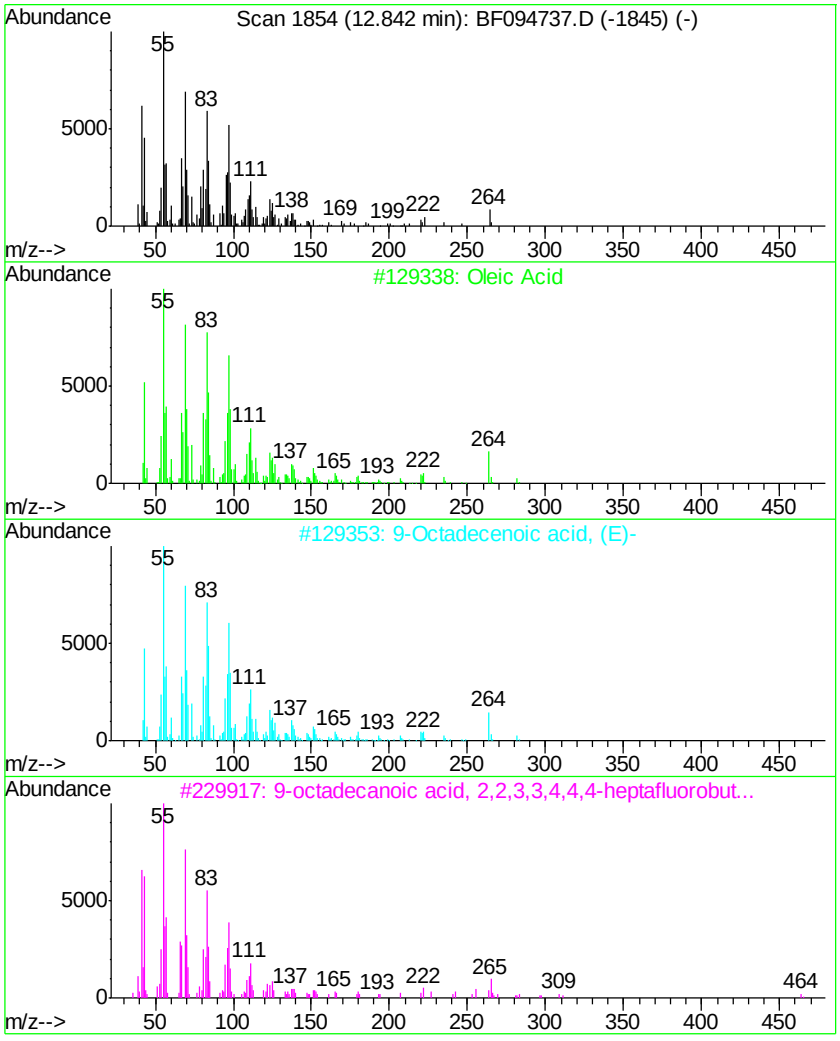
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

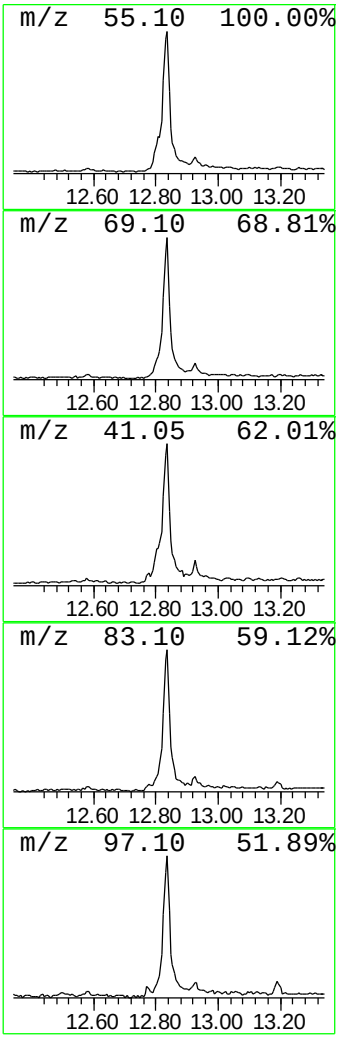
****

Peak Number 20 Oleic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	29.19 ng	1334480	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	87
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	64
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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
Ethylbenzene	4.18	292.0	ng	10096500	1	5.77	691581	20.0
Benzene, 1,3-dime...	4.54	117.9	ng	4078400	1	5.77	691581	20.0
Benzene, (1-methy...	4.86	25.0	ng	863124	1	5.77	691581	20.0
Benzene, propyl-	5.17	10.9	ng	376724	1	5.77	691581	20.0
Benzene, 1-ethyl-...	5.24	36.5	ng	1263240	1	5.77	691581	20.0
Benzene, 1-ethyl-...	5.28	35.0	ng	1208850	1	5.77	691581	20.0
Benzene, 1,2,3-tr...	5.32	22.5	ng	777951	1	5.77	691581	20.0
unknown5.52	5.52	76.2	ng	2636210	1	5.77	691581	20.0
Indane	5.97	55.5	ng	1917820	1	5.77	691581	20.0
Indene	6.08	247.8	ng	8568650	1	5.77	691581	20.0
Benzene, 2-ethyl-...	6.14	8.4	ng	290211	1	5.77	691581	20.0
Naphthalene, 1-et...	8.82	3.1	ng	204207	3	9.39	1309080	20.0
Naphthalene, 2,3-...	8.98	3.6	ng	238964	3	9.39	1309080	20.0
n-Hexadecanoic acid	11.95	8.2	ng	376533	4	11.21	914432	20.0
10,18-Bisnorabiet...	12.78	8.6	ng	394190	4	11.21	914432	20.0
Oleic Acid	12.84	29.2	ng	1334480	4	11.21	914432	20.0