

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072318\
 Data File : BN002121.D
 Acq On : 24 Jul 2018 00:13
 Operator : JU/SJ
 Sample : J4038-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 02:26:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 02:24:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	265541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1218338	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	730002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1610187	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1554736	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1345227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16612	2.82	ng/uL	0.00
5) Phenol-d5	6.88	99	416602	16.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	259455	17.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	336368	17.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	325813	16.18	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	177731	17.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	199351	17.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	352686	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	368591	15.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1102494	17.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1409505	18.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	172396	14.58	ng/ul	0.00
57) Fluorene-d10	15.33	176	980761	18.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	138745	13.23	ng/ul	0.00
70) Anthracene-d10	17.17	188	1480879	18.86	ng/ul	0.00
78) Pyrene-d10	19.47	212	1629619	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1369142	18.85	ng/ul	0.00

Target Compounds

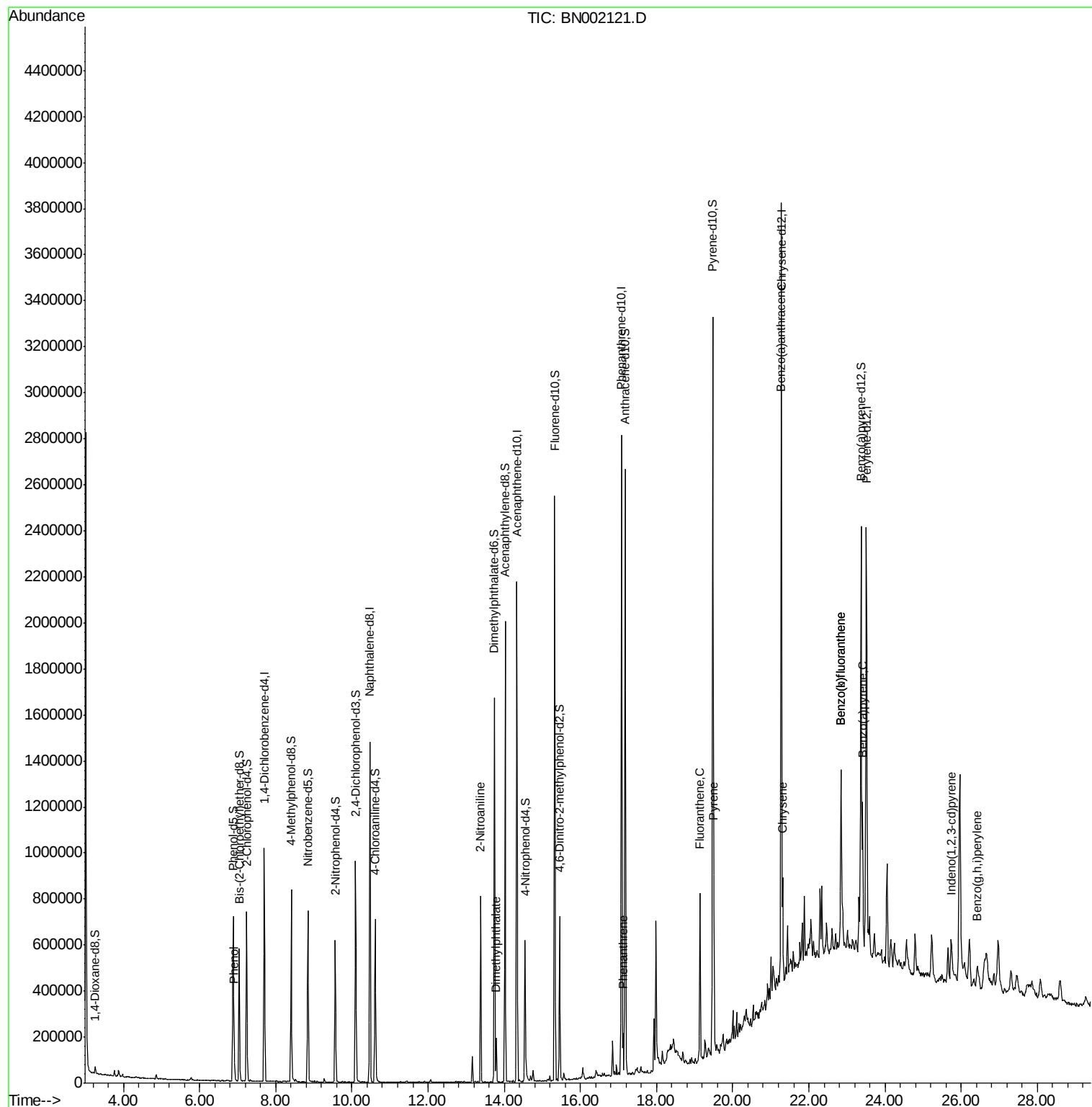
				Ovalue	
6) Phenol	6.90	94	60583	2.413	ng/ul# 89
42) 2-Nitroaniline	13.38	65	23915	1.575	ng/ul# 1
44) Dimethylphthalate	13.79	163	119072	1.965	ng/ul 99
69) Phenanthrene	17.12	178	104070	1.151	ng/ul 98
76) Fluoranthene	19.14	202	425975	4.439	ng/ul 99
79) Pyrene	19.50	202	410499	4.115	ng/ul 99
82) Benzo(a)anthracene	21.26	228	261535	2.641	ng/ul 98
84) Chrysene	21.32	228	268992	2.914	ng/ul 97
87) Benzo(b)fluoranthene	22.84	252	374747	4.526	ng/ul 96
88) Benzo(k)fluoranthene	22.84	252	374747	4.764	ng/ul 96
90) Benzo(a)pyrene	23.41	252	259176	3.294	ng/ul# 97
91) Indeno(1,2,3-cd)pyrene	25.74	276	169534	1.864	ng/ul# 92
93) Benzo(g,h,i)perylene	26.42	276	114771	1.502	ng/ul 97

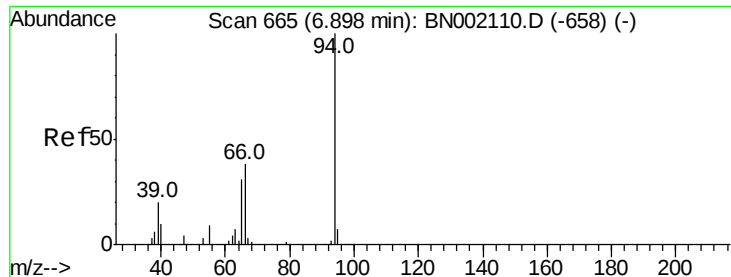
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 02:24:22 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.413 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

Instrument :

BNA_N

ClientSampleId :

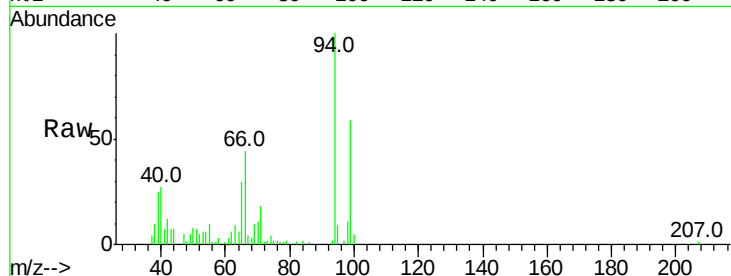
Tot Ion: 94 Resp: 60583

Ion Ratio Lower Upper

94 100

65 30.5 21.0 31.6

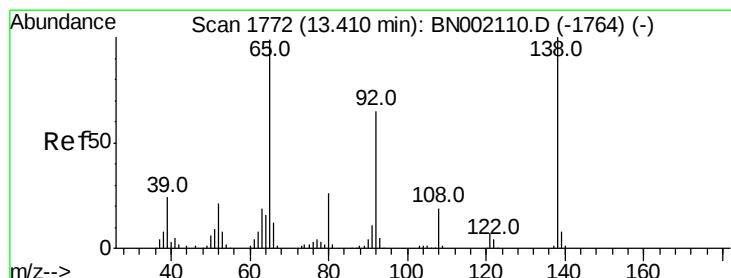
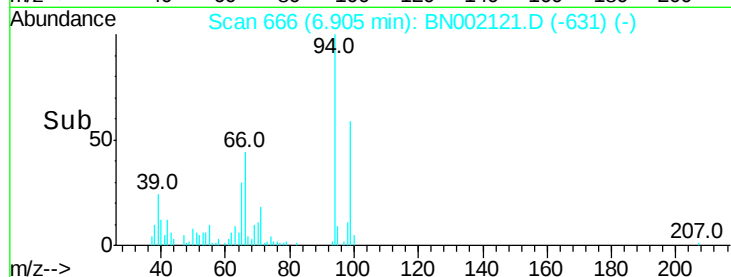
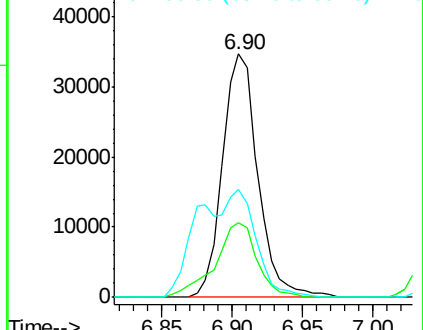
66 44.4 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BN002110.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN002110.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN002110.D (-658) (-)



#42

2-Nitroaniline

Concen: 1.575 ng/ul

RT: 13.38 min Scan# 1767

Delta R.T. -0.03 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

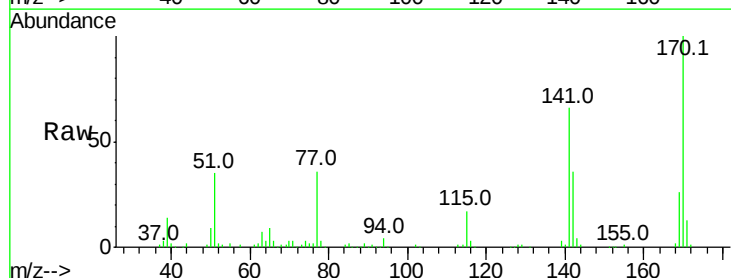
Tgt Ion: 65 Resp: 23915

Ion Ratio Lower Upper

65 100

92 3.2 60.4 90.6#

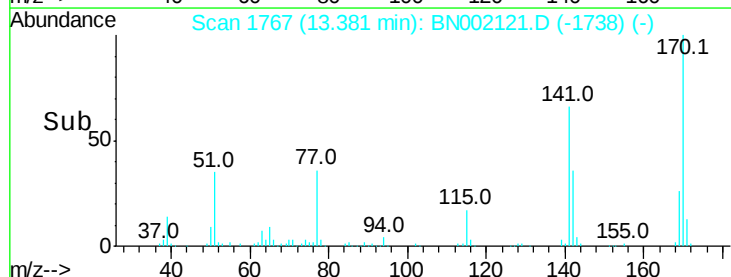
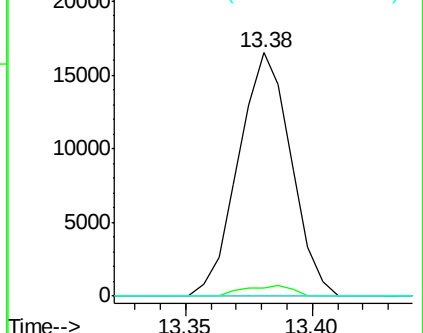
138 0.0 99.8 149.6#

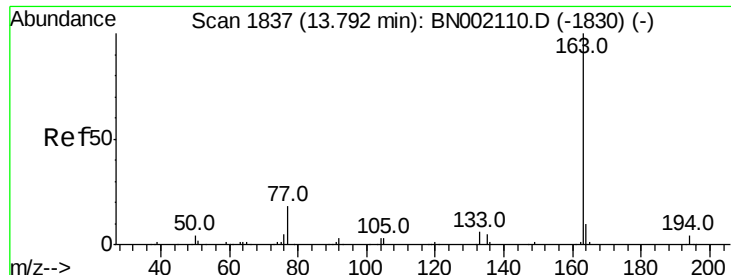


Abundance Ion 65.00 (64.70 to 65.70): BN002110.D (-1764) (-)

Ion 92.00 (91.70 to 92.70): BN002110.D (-1764) (-)

Ion 138.00 (137.70 to 138.70): BN002110.D (-1764) (-)

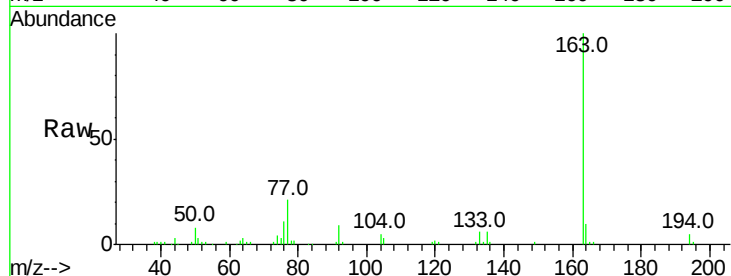




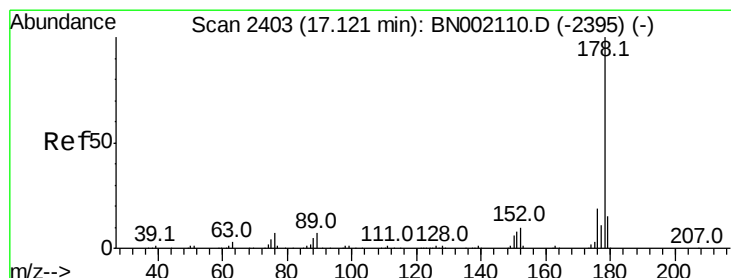
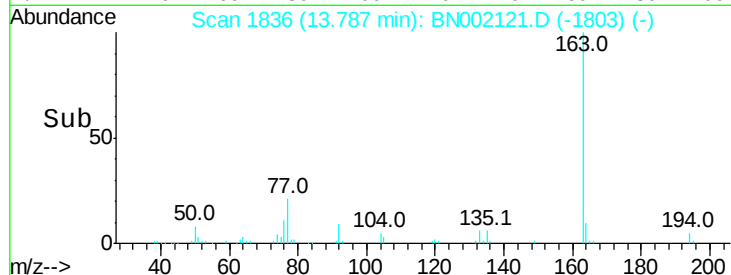
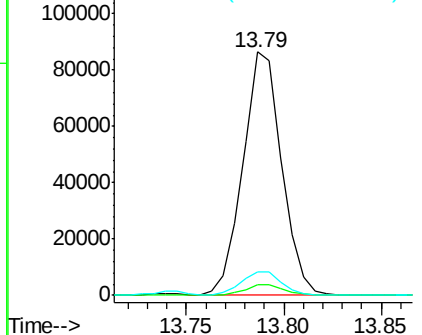
#44
Dimethylphthalate
Concen: 1.965 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN002121.D
Acq: 24 Jul 2018 00:13

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.8	7.8	11.8

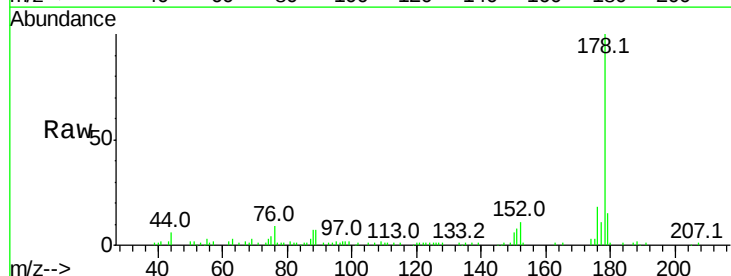


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

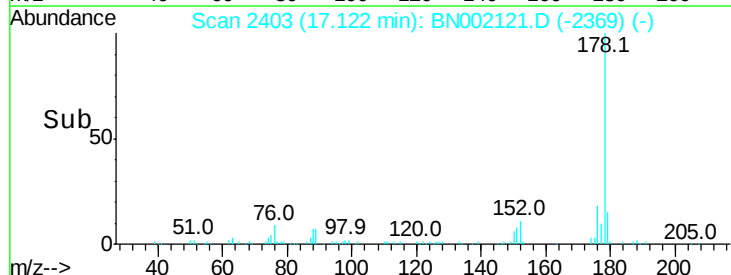
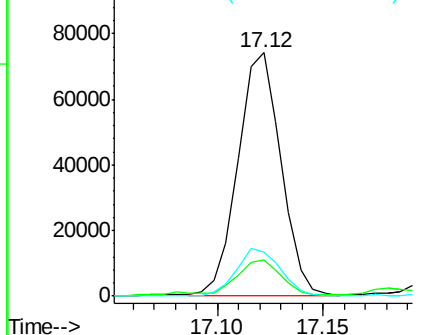


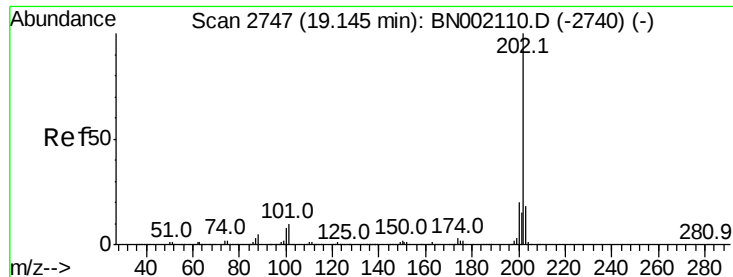
#69
Phenanthrene
Concen: 1.151 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN002121.D
Acq: 24 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.0	15.6	23.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 4.439 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

Instrument :

BNA_N

ClientSampleId :

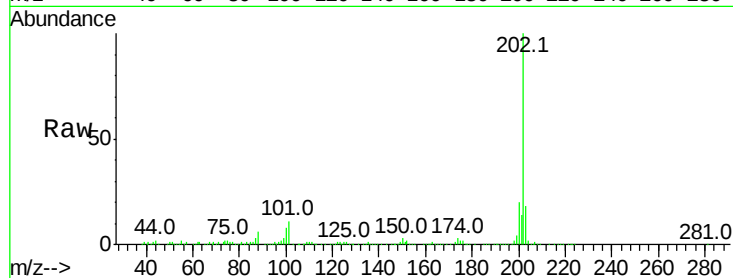
Tot Ion:202 Resp: 425975

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

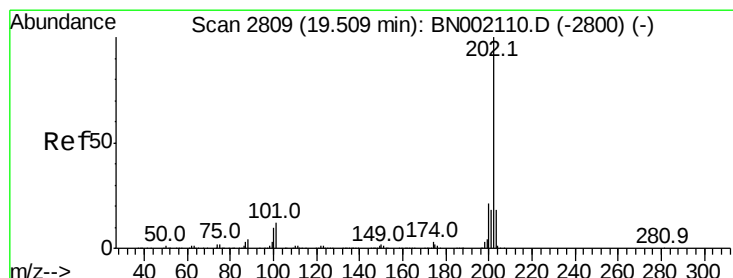
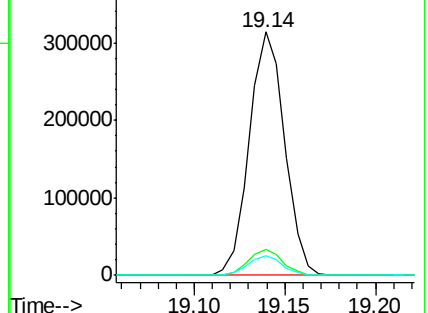
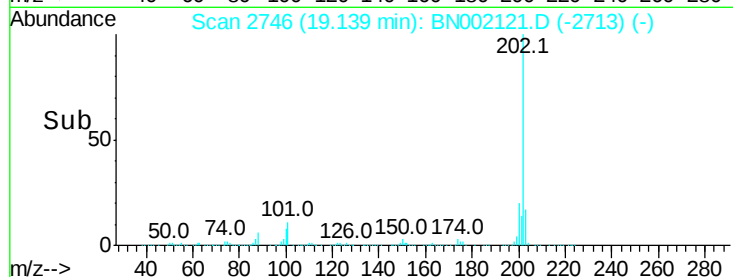
100 7.9 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 4.115 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

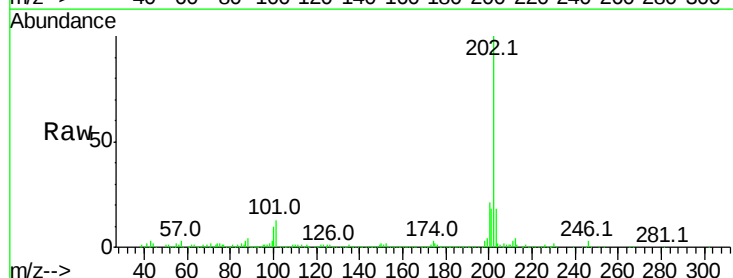
Tgt Ion:202 Resp: 410499

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

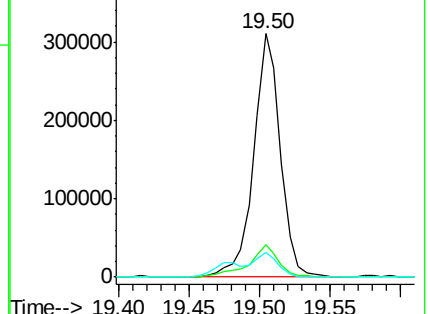
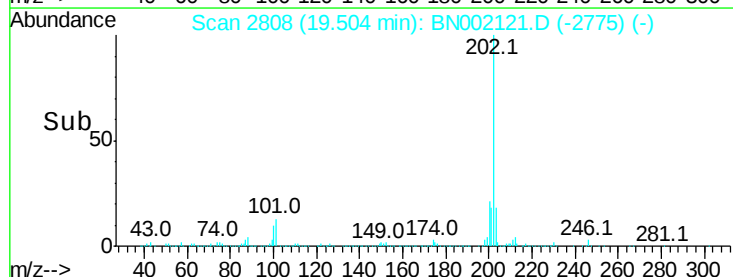
100 10.2 8.5 12.7

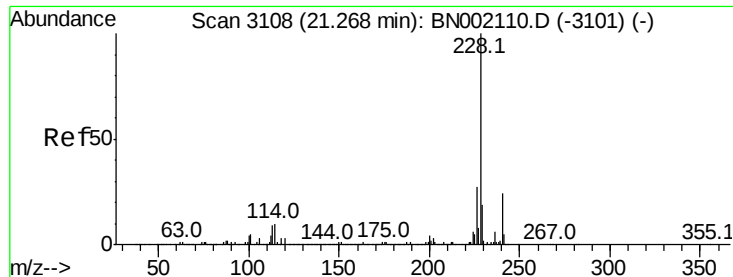


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

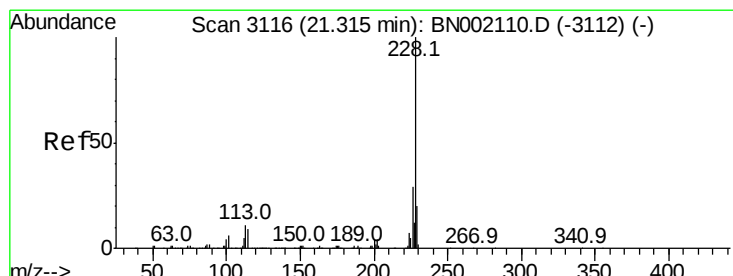
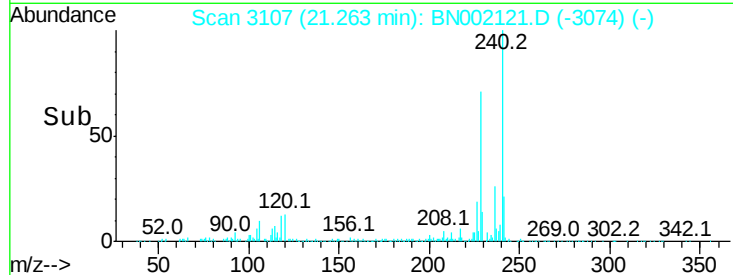
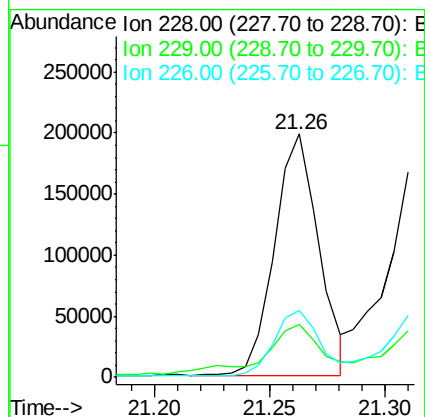
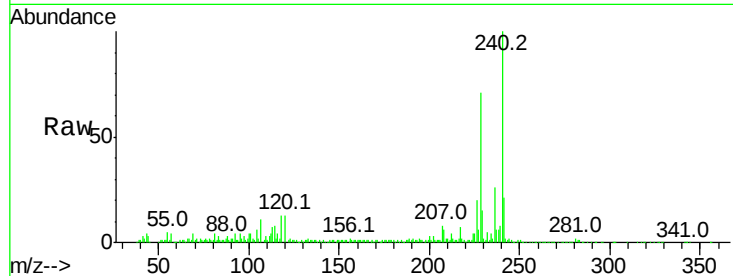




#82
Benzo(a)anthracene
Concen: 2.641 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN002121.D
Acq: 24 Jul 2018 00:13

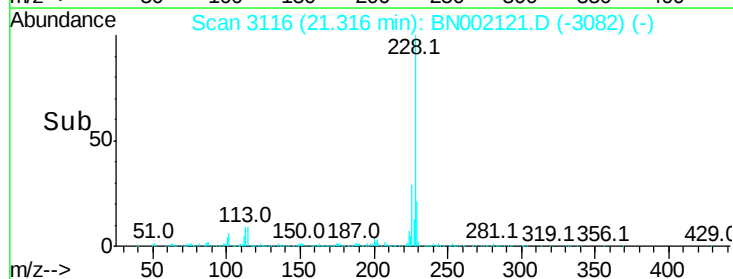
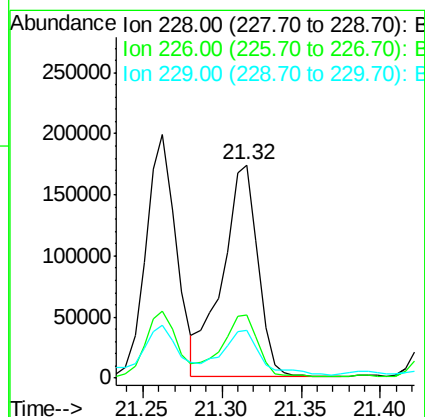
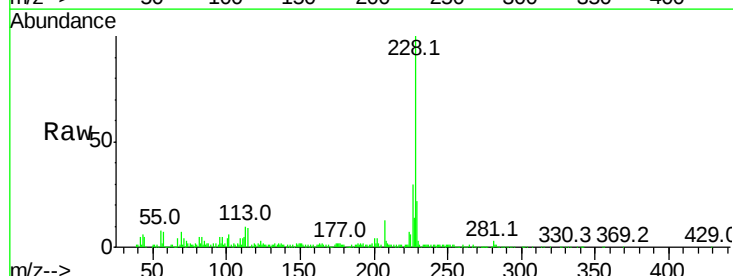
Instrument :
BNA_N
ClientSampled :

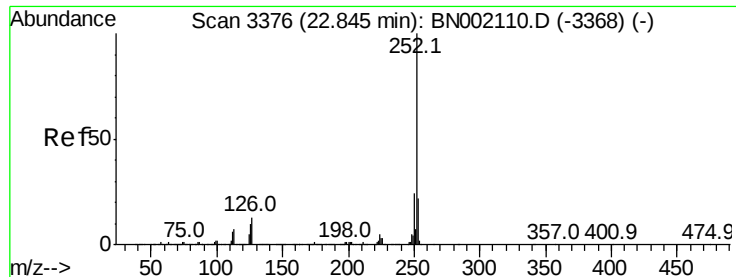
Tot Ion:228 Resp: 261535
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 27.7 21.8 32.6



#84
Chrysene
Concen: 2.914 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN002121.D
Acq: 24 Jul 2018 00:13

Tgt Ion:228 Resp: 268992
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 22.3 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 4.526 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN002121.D

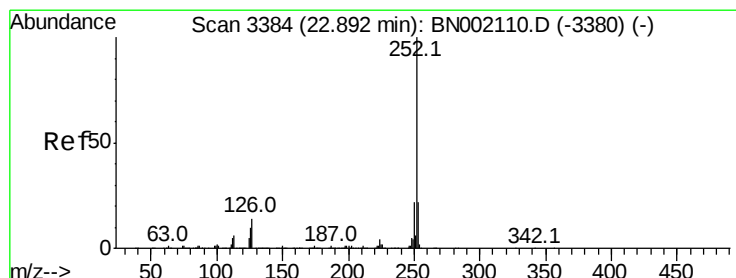
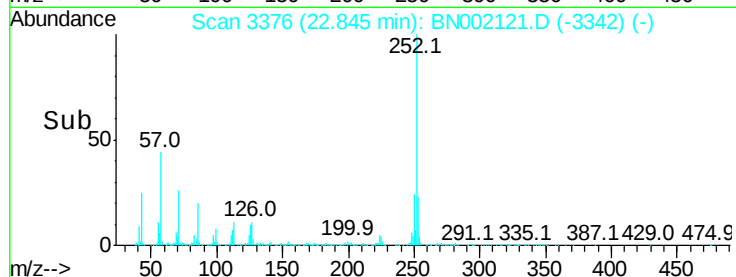
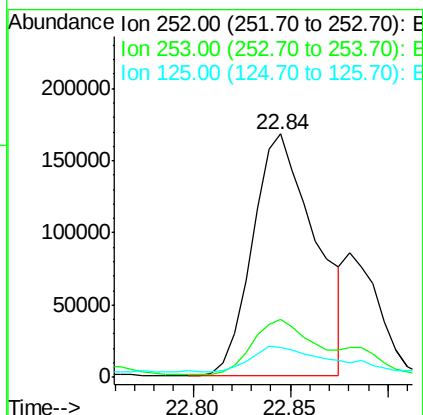
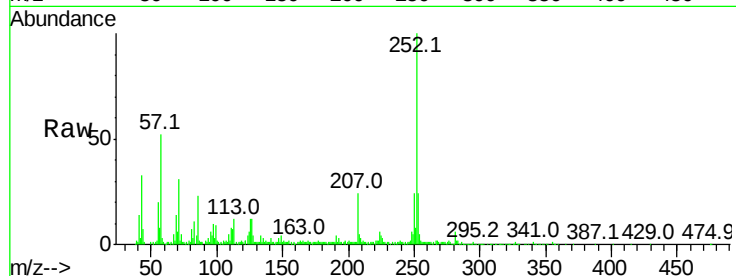
Acq: 24 Jul 2018 00:13

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	374747
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.5 26.3
125	12.0	8.5 12.7



#88

Benzo(k)fluoranthene

Concen: 4.764 ng/ul

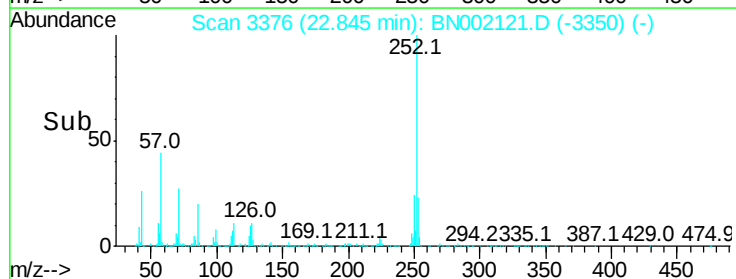
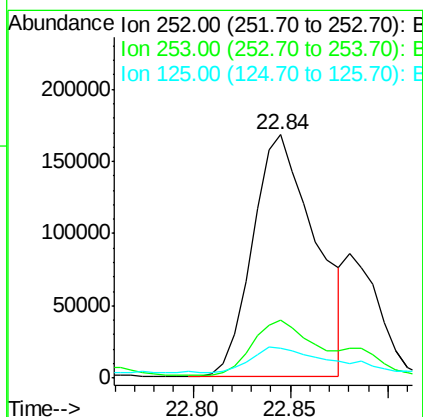
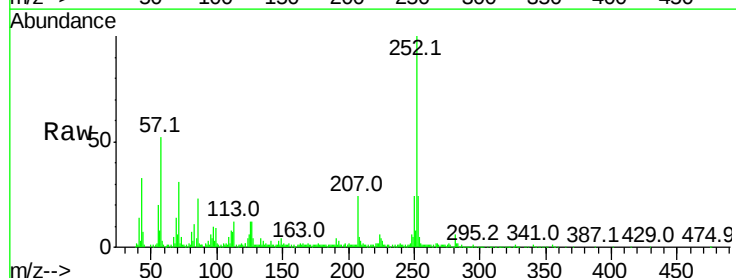
RT: 22.84 min Scan# 3376

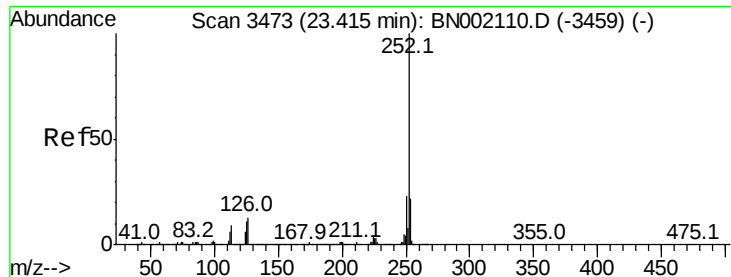
Delta R.T. -0.05 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

Tgt Ion:252	Resp:	374747
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.3 25.9
125	12.0	8.2 12.2





#90

Benzo(a)pyrene

Concen: 3.294 ng/ul

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

Instrument :

BNA_N

ClientSampleId :

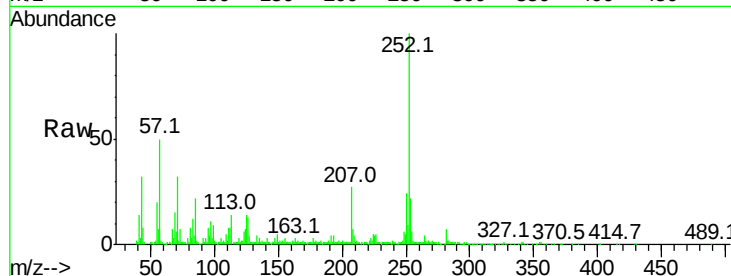
Tot Ion:252 Resp: 259176

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

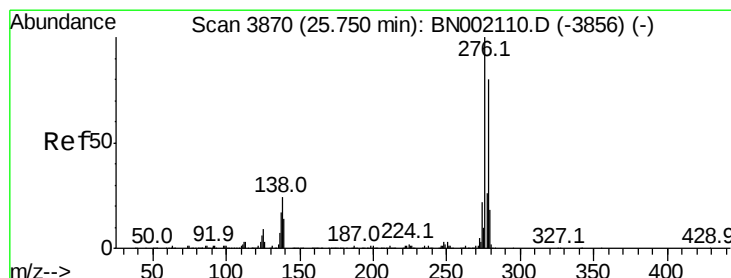
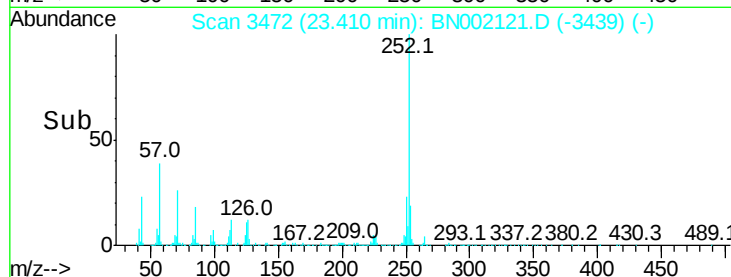
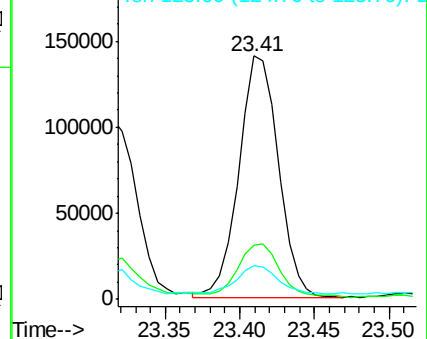
125 13.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.864 ng/ul

RT: 25.74 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

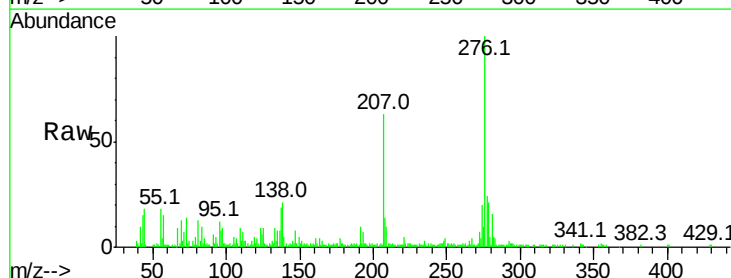
Tgt Ion:276 Resp: 169534

Ion Ratio Lower Upper

276 100

138 20.8 22.3 33.5#

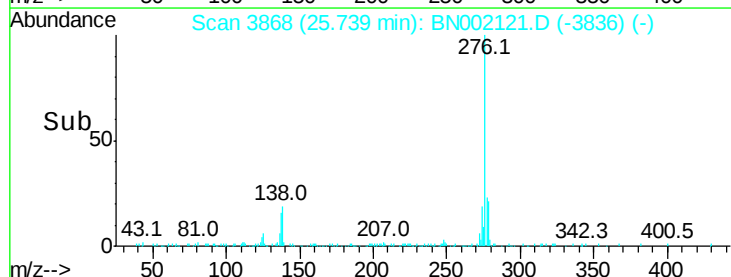
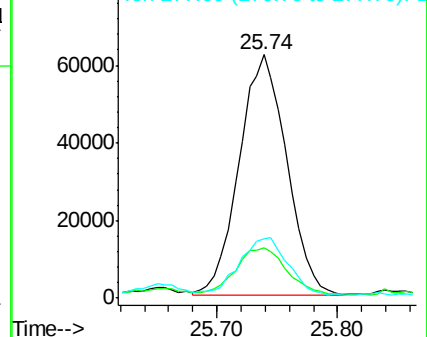
277 24.5 20.2 30.2

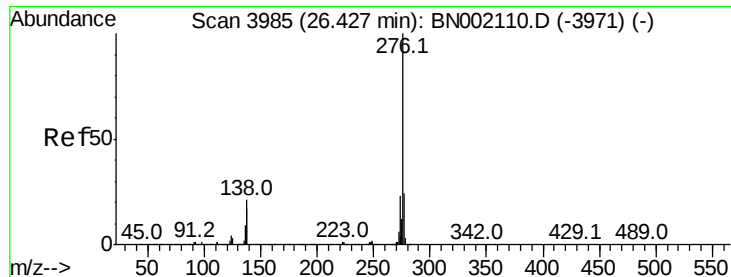


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.502 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. -0.01 min

Lab File: BN002121.D

Acq: 24 Jul 2018 00:13

Instrument :

BNA_N

ClientSampleId :

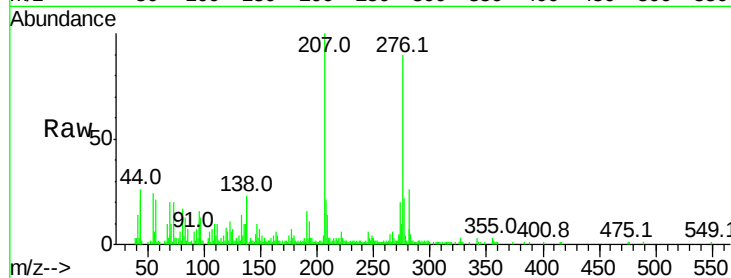
Tot Ion:276 Resp: 114771

Ion Ratio Lower Upper

276 100

138 25.4 18.9 28.3

277 25.0 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

