

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009546.D
 Acq On : 04 Feb 2020 01:46
 Operator : CG/JU
 Sample : L1342-02 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 04 02:55:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	156843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	681865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	424664	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	866853	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	763868	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	853964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	618	0.16	ng/uL	0.01
5) Phenol-d5	6.65	99	19508	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	18229	1.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	17908	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	16867	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	8861	1.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	8331	1.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	15730	1.48	ng/ul	0.01
29) 4-Chloroaniline-d4	10.36	131	15765	1.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	67649	2.18	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	63008	1.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	4273	0.73	ng/ul	0.02
57) Fluorene-d10	15.08	176	55018	2.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2603	0.48	ng/ul	0.01
70) Anthracene-d10	16.83	188	866853	22.01	ng/ul	-0.10
78) Pyrene-d10	19.23	212	86803	2.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	78679	1.87	ng/ul	0.00

Target Compounds

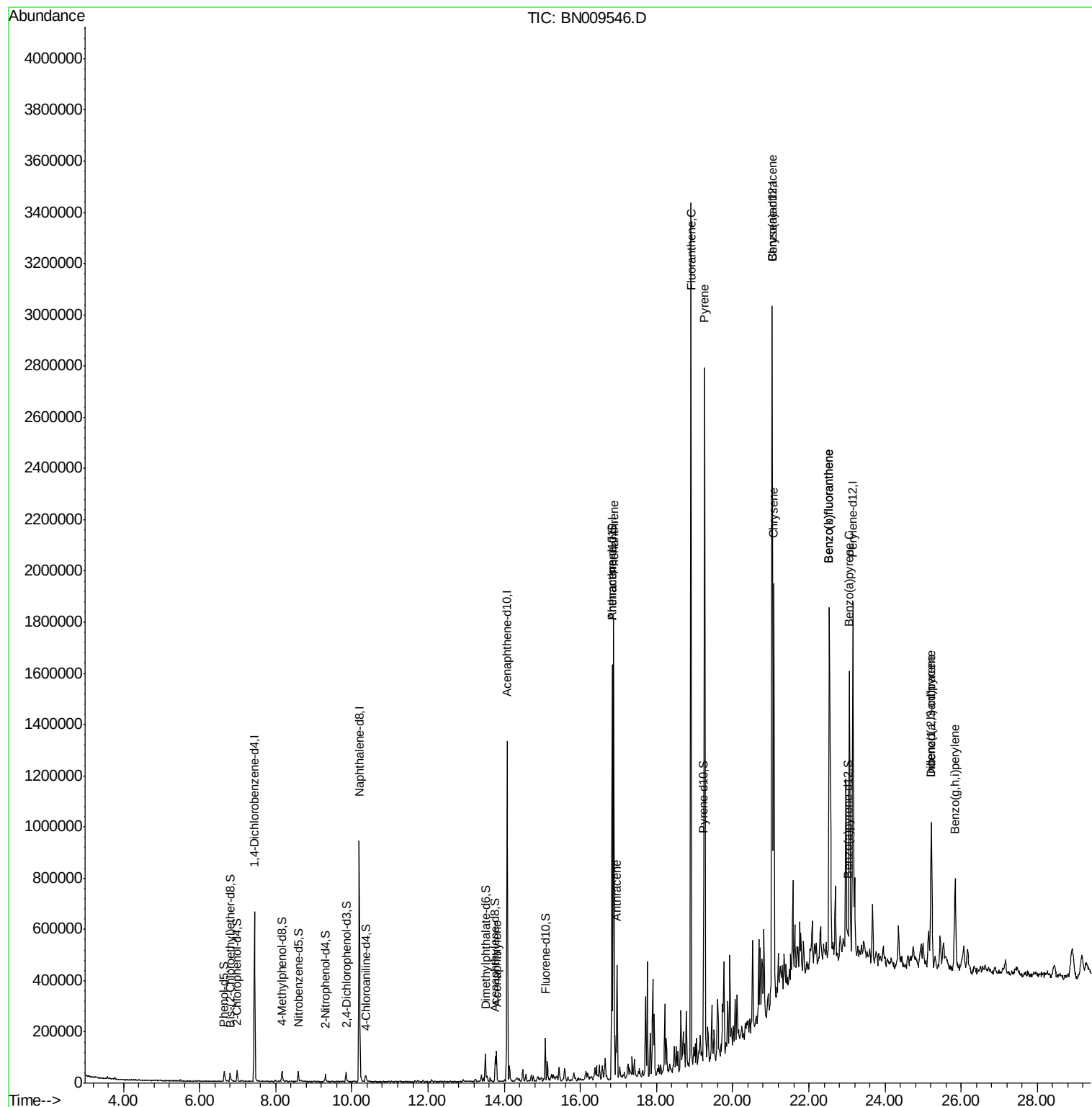
					Ovalue
47) Acenaphthylene	13.80	152	80880	1.973	ng/ul 98
69) Phenanthrene	16.87	178	986055	19.946	ng/ul 99
71) Anthracene	16.96	178	255705	5.098	ng/ul 99
76) Fluoranthene	18.90	202	1900902	33.691	ng/ul 100
79) Pyrene	19.26	202	1604526	28.774	ng/ul 97
82) Benzo(a)anthracene	21.03	228	976013	18.506	ng/ul 98
84) Chrysene	21.07	228	881568	16.790	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	1066665	19.964	ng/ul 97
88) Benzo(k)fluoranthene	22.53	252	1066665	20.272	ng/ul 97
90) Benzo(a)pyrene	23.06	252	709869	14.340	ng/ul# 93
91) Indeno(1,2,3-cd)pyrene	25.22	276	444597	7.554	ng/ul 96
92) Dibenzo(a,h)anthracene	25.22	278	123564	2.494	ng/ul# 92
93) Benzo(g,h,i)perylene	25.84	276	337082	6.834	ng/ul# 91

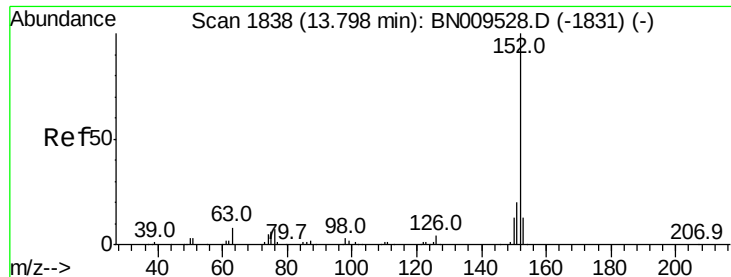
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 1.973 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

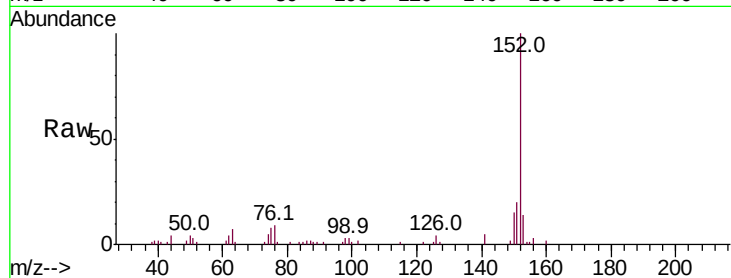
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 80880

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	14.3	10.6	15.8

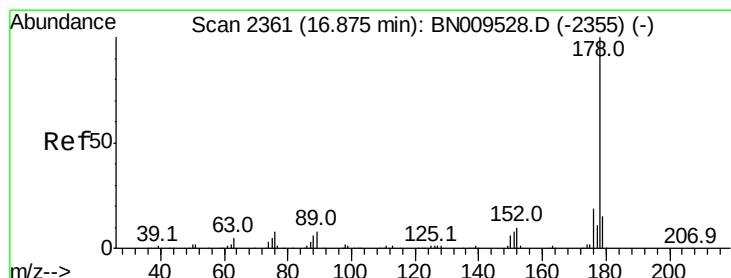
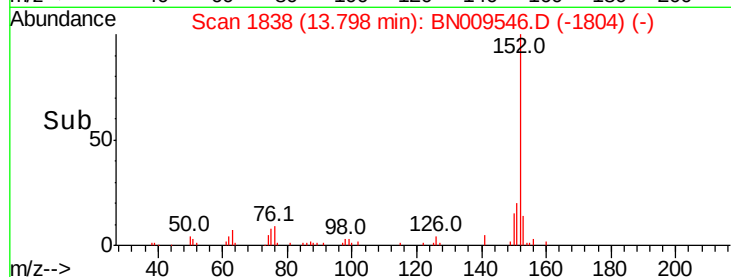
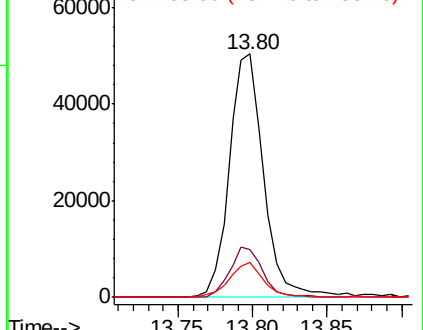


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 19.946 ng/ul

RT: 16.87 min Scan# 2361

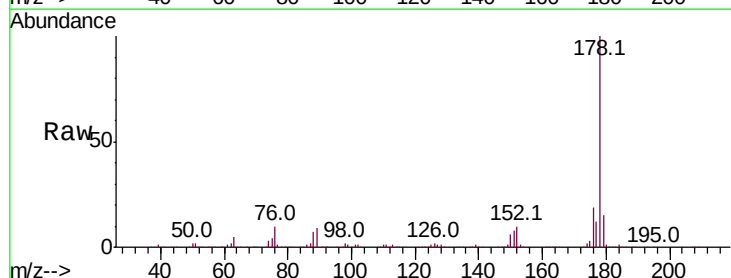
Delta R.T. 0.00 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Tgt Ion:178 Resp: 986055

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	14.8	22.2

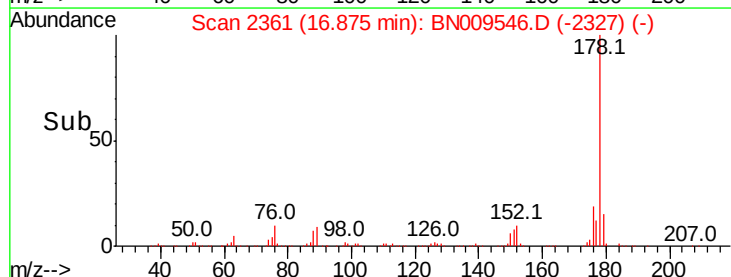
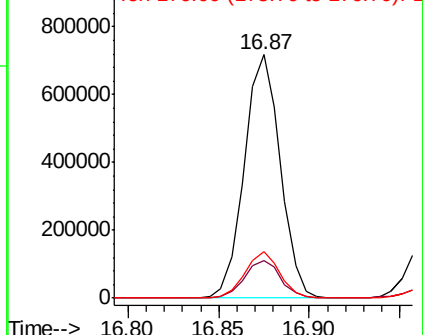


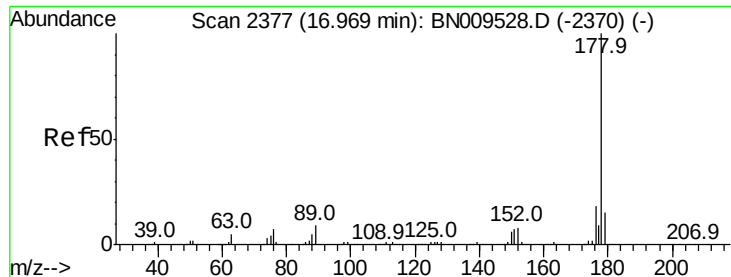
Abundance

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





#71

Anthracene

Concen: 5.098 ng/ul

RT: 16.96 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

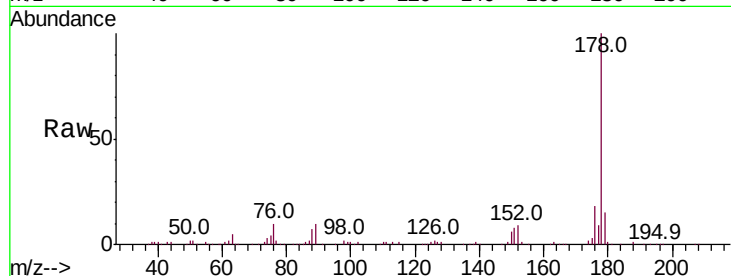
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 255705

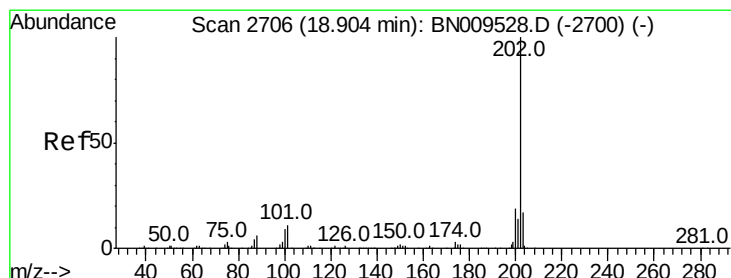
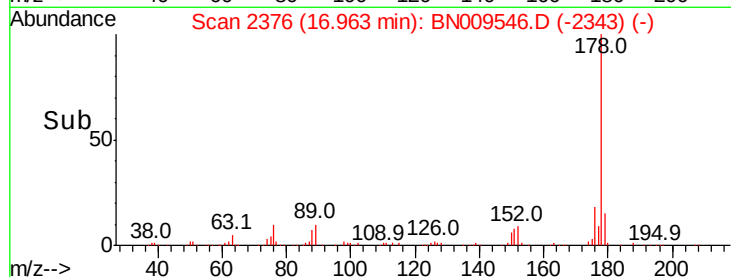
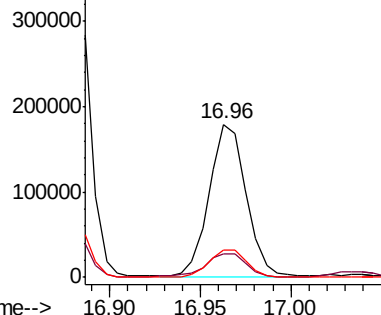
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	17.6	14.6	21.8



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: 33.691 ng/ul

RT: 18.90 min Scan# 2706

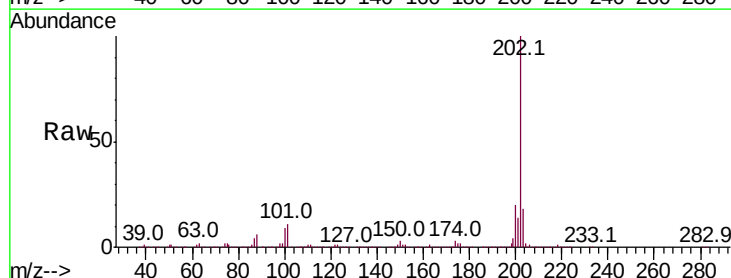
Delta R.T. 0.00 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Tgt Ion:202 Resp: 1900902

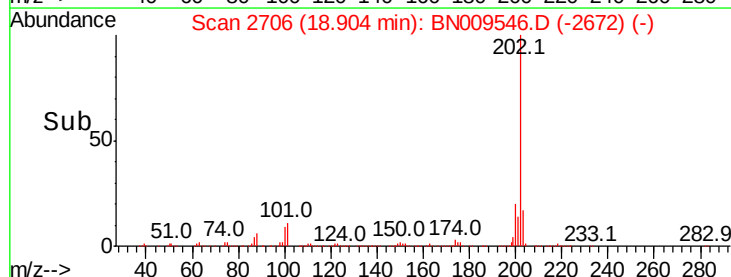
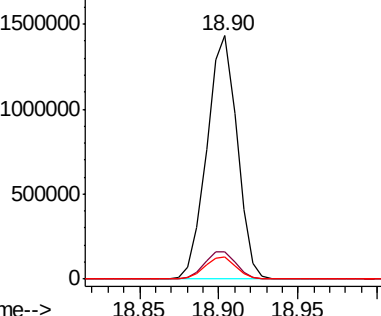
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.9	6.9	10.3

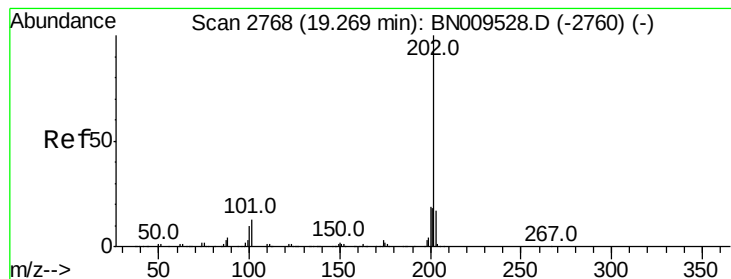


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 28.774 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Instrument :

BNA_N

ClientSampleId :

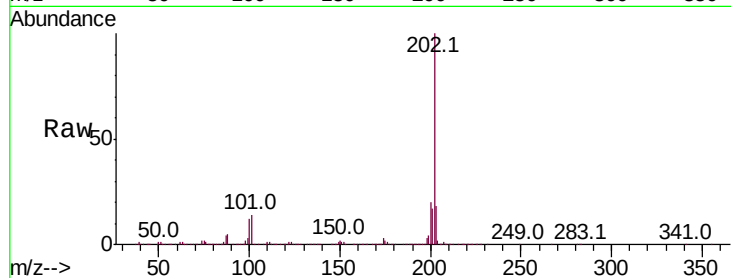
Tot Ion:202 Resp: 1604526

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

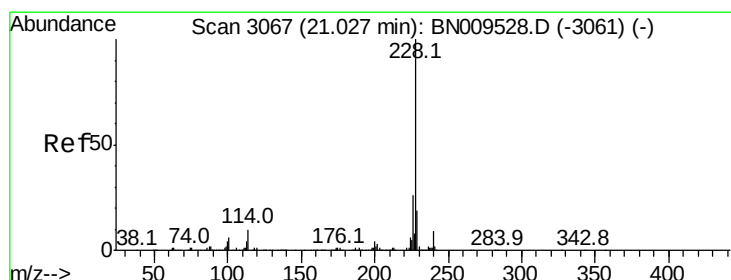
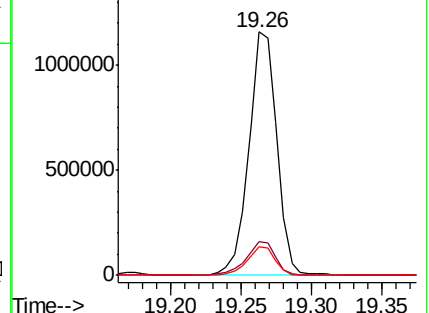
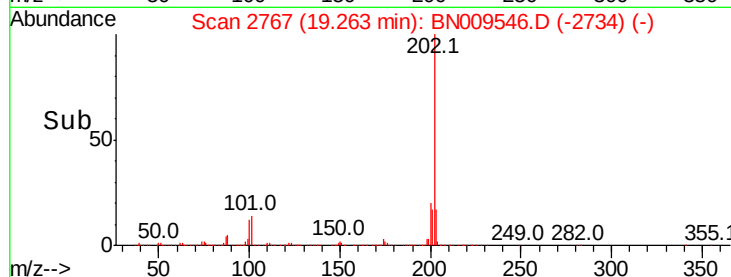
100 11.7 8.4 12.6



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: 18.506 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

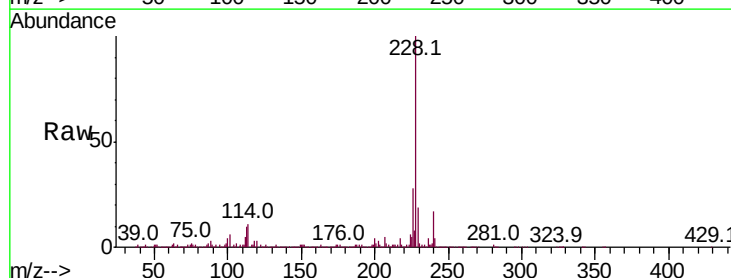
Tgt Ion:228 Resp: 976013

Ion Ratio Lower Upper

228 100

229 18.7 15.0 22.4

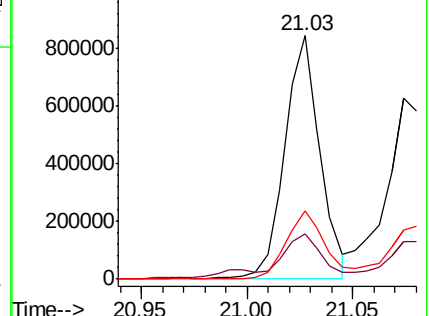
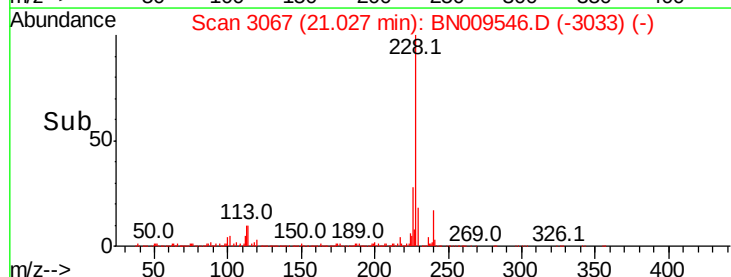
226 27.8 20.9 31.3

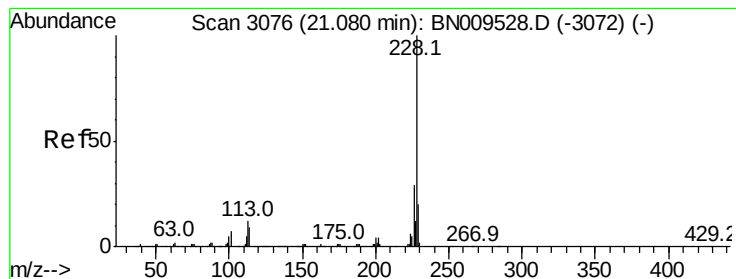


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 16.790 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Instrument :

BNA_N

ClientSampleId :

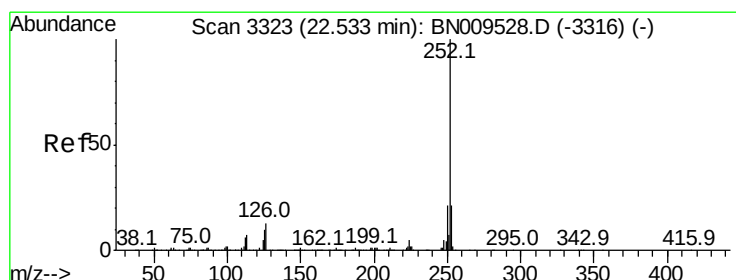
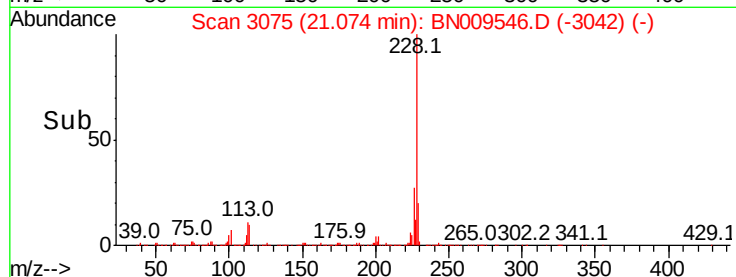
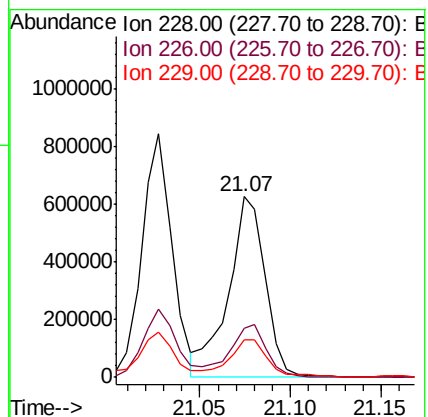
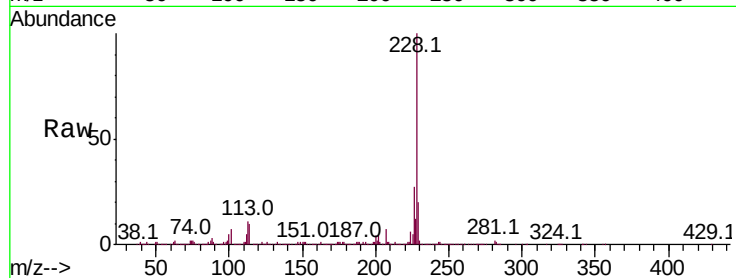
Tot Ion:228 Resp: 881568

Ion Ratio Lower Upper

228 100

226 27.3 23.5 35.3

229 20.5 15.8 23.8



#87

Benzo(b)fluoranthene

Concen: 19.964 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

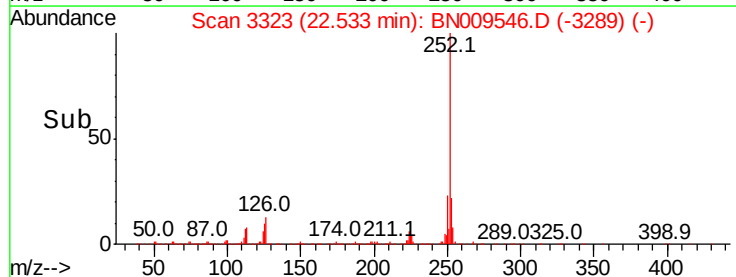
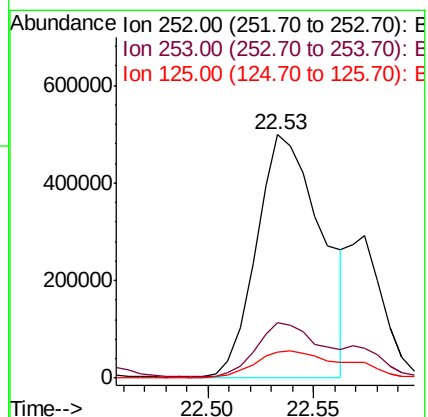
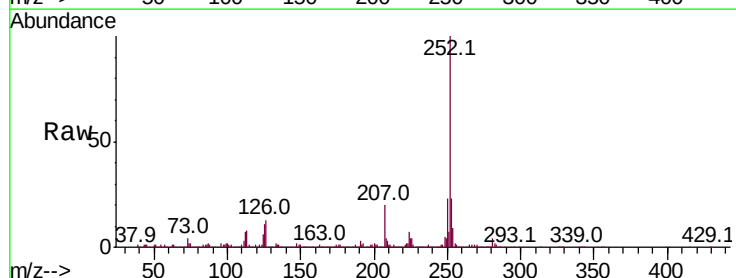
Tgt Ion:252 Resp: 1066665

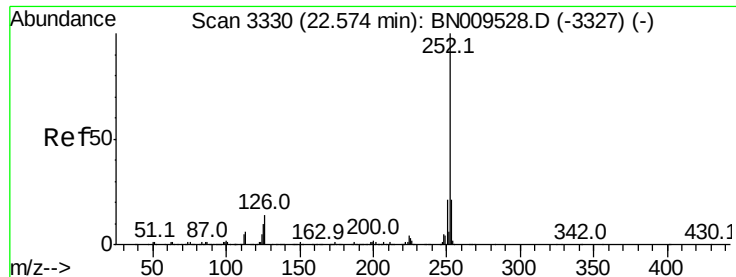
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

125 10.7 8.2 12.2





#88

Benzo(k)fluoranthene

Concen: 20.272 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.04 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Instrument :

BNA_N

ClientSampleId :

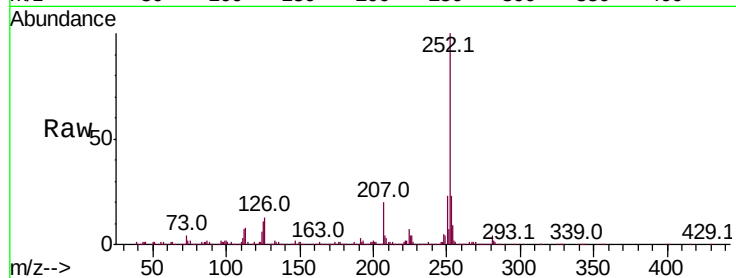
Tot Ion:252 Resp: 1066665

Ion Ratio Lower Upper

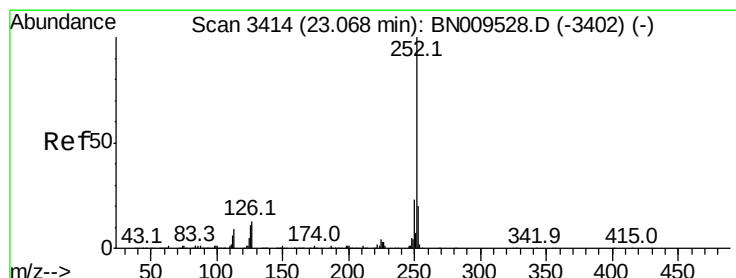
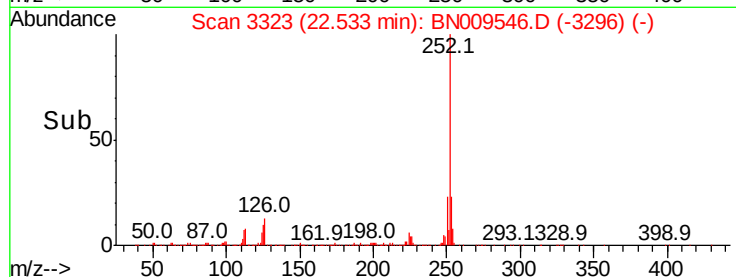
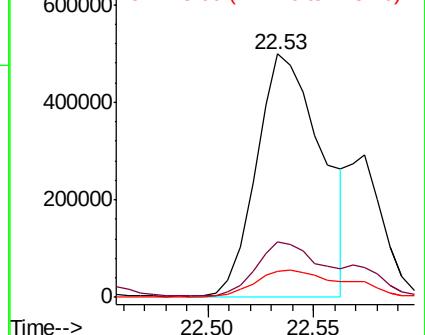
252 100

253 23.0 17.0 25.4

125 10.7 8.0 12.0



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



#90

Benzo(a)pyrene

Concen: 14.340 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

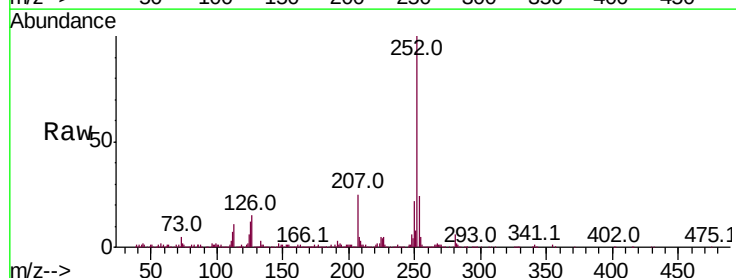
Tgt Ion:252 Resp: 709869

Ion Ratio Lower Upper

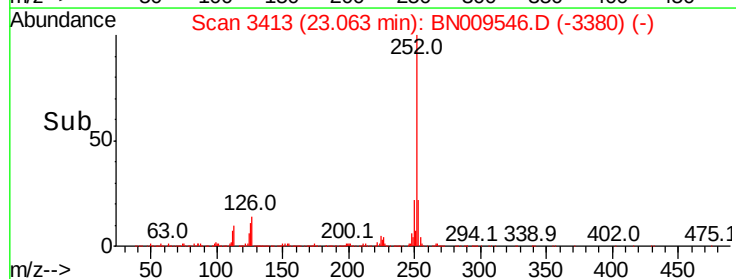
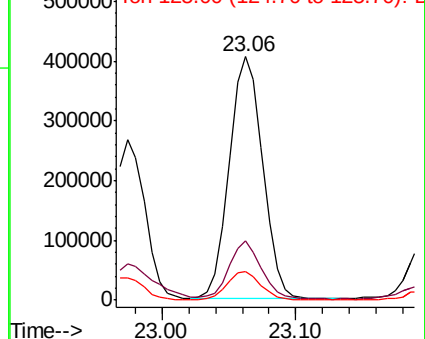
252 100

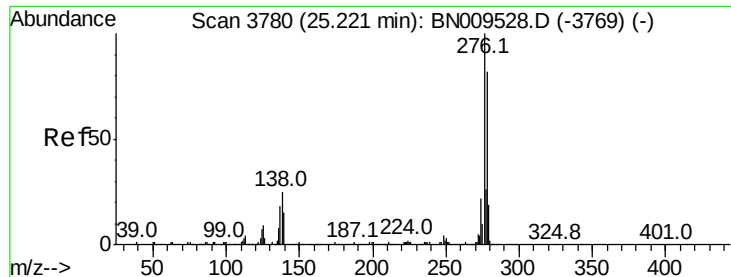
253 24.4 15.8 23.8#

125 11.6 8.7 13.1



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

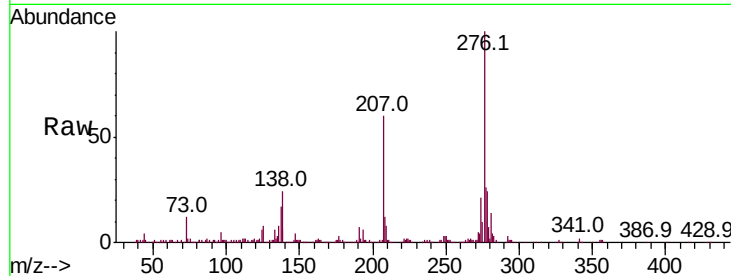




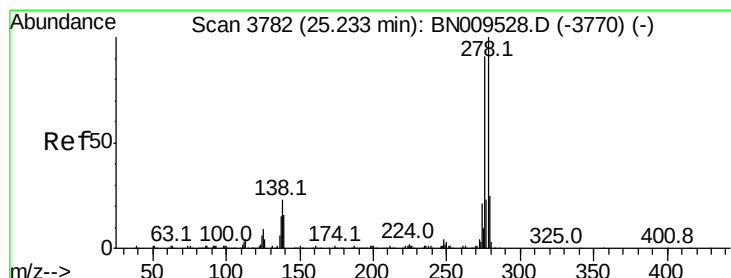
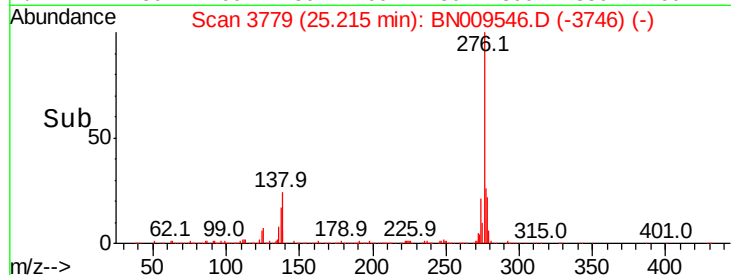
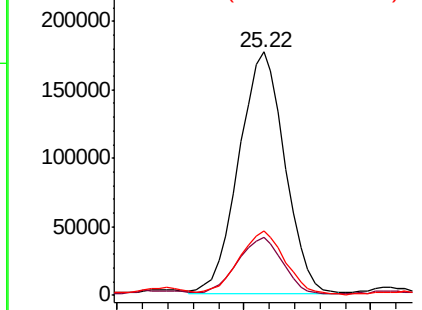
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 7.554 ng/ul
 RT: 25.22 min Scan# 3779
 Delta R.T. -0.01 min
 Lab File: BN009546.D
 Acq: 04 Feb 2020 01:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	20.3	30.5
277	26.4	21.2	31.8

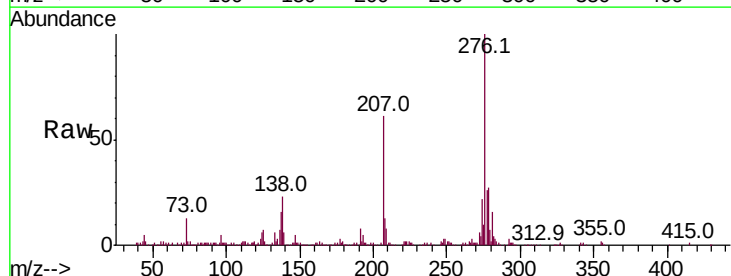


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

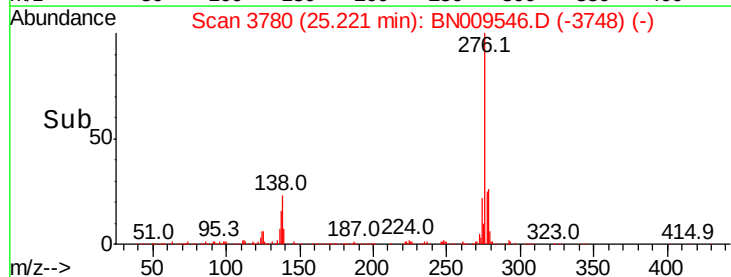
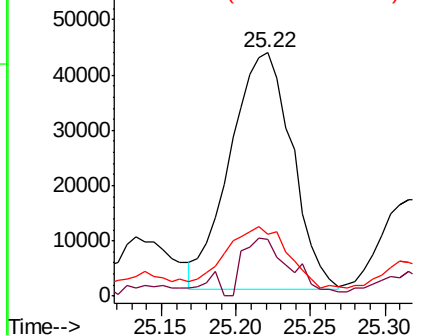


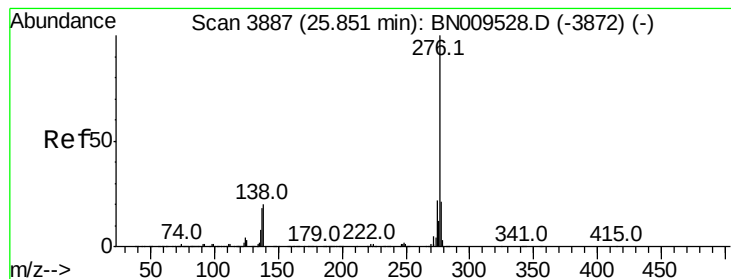
#92
 Dibenzo(a,h)anthracene
 Concen: 2.494 ng/ul
 RT: 25.22 min Scan# 3780
 Delta R.T. -0.01 min
 Lab File: BN009546.D
 Acq: 04 Feb 2020 01:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	12.7	19.1#
279	25.7	19.8	29.8



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 6.834 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009546.D

Acq: 04 Feb 2020 01:46

Instrument :

BNA_N

ClientSampleId :

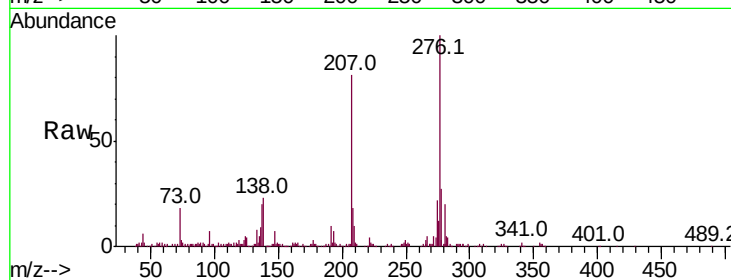
Tot Ion:276 Resp: 337082

Ion Ratio Lower Upper

276 100

138 23.0 16.0 24.0

277 26.9 17.0 25.6#



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

