

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024169.D
 Acq On : 19 Dec 2019 01:10
 Operator : JU
 Sample : K6171-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	440834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1997994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1216372	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2458662	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1690466	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1720556	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.01	96	32975	3.30	ng/uL	0.00
5) Phenol-d5	6.65	99	758822	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	486505	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	602435	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	483140	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	307082	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	340686	21.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	611609	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	390700	10.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1932082	21.48	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2398219	22.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	140505	8.70	ng/ul	0.00
58) Fluorene-d10	15.11	176	1729268	21.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	131862	8.79	ng/ul	0.00
71) Anthracene-d10	16.96	188	2497115	22.32	ng/ul	0.00
79) Pyrene-d10	19.27	212	2440028	30.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1925658	22.53	ng/ul	0.00

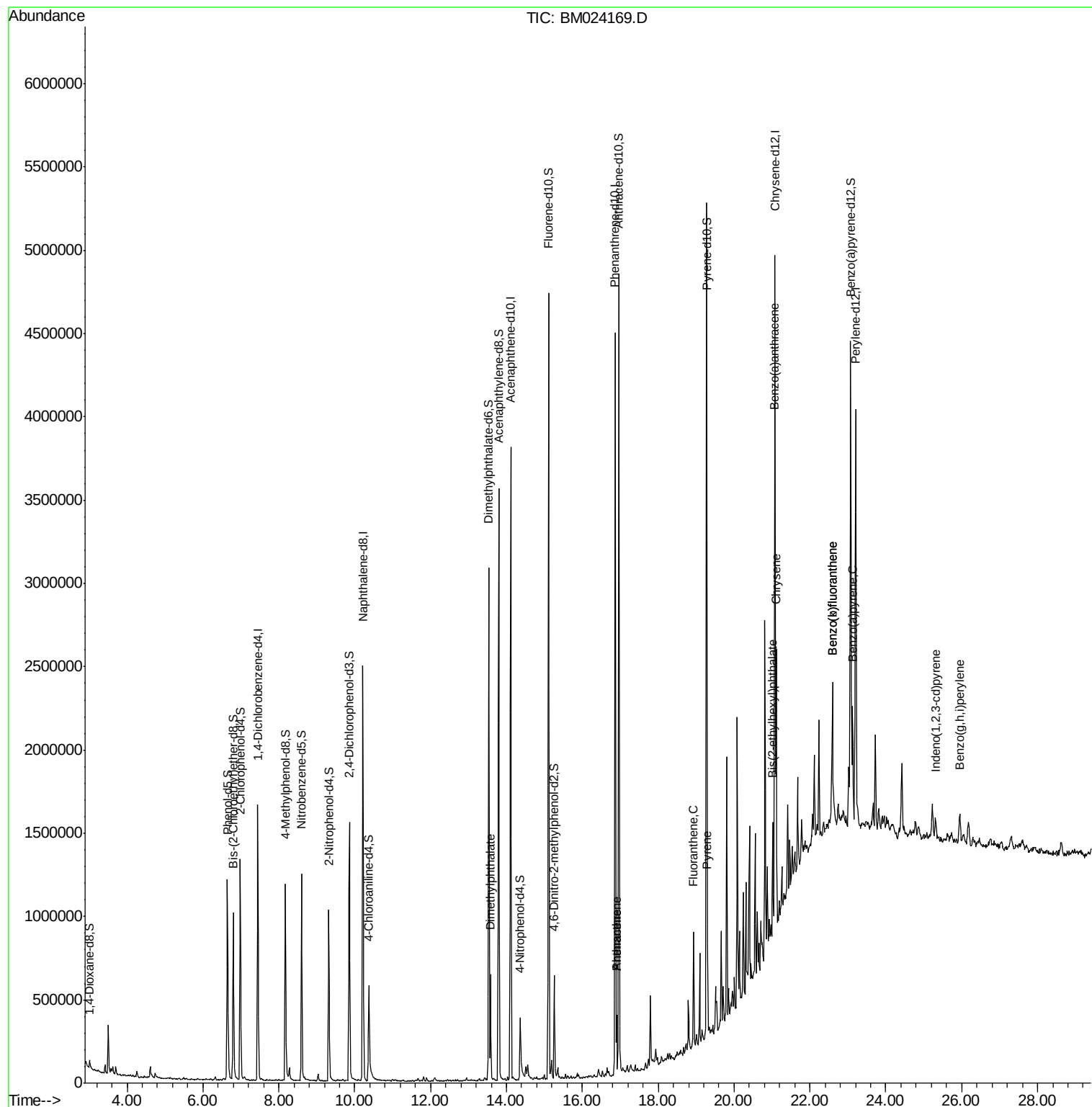
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.58	163	400493	4.284	ng/ul	99
70) Phenanthrene	16.90	178	182821	1.328	ng/ul	99
72) Anthracene	16.90	178	183556	1.326	ng/ul	98
77) Fluoranthene	18.93	202	402831	2.685	ng/ul	99
80) Pyrene	19.30	202	349980	3.171	ng/ul	98
83) Benzo(a)anthracene	21.06	228	161411	1.499	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.02	149	219048	3.381	ng/ul	98
85) Chrysene	21.11	228	196610	1.862	ng/ul#	92
88) Benzo(b)fluoranthene	22.58	252	224279	2.179	ng/ul#	89
89) Benzo(k)fluoranthene	22.58	252	224279	2.220	ng/ul#	91
91) Benzo(a)pyrene	23.12	252	178991	1.922	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.31	276	127203	1.137	ng/ul	95
94) Benzo(g,h,i)perylene	25.95	276	197591	2.164	ng/ul	98

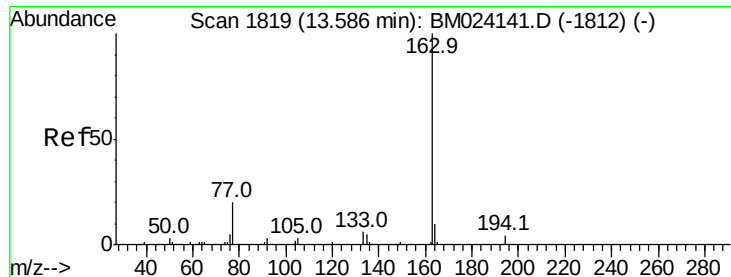
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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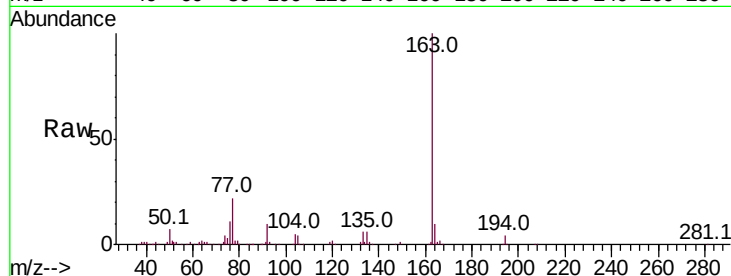




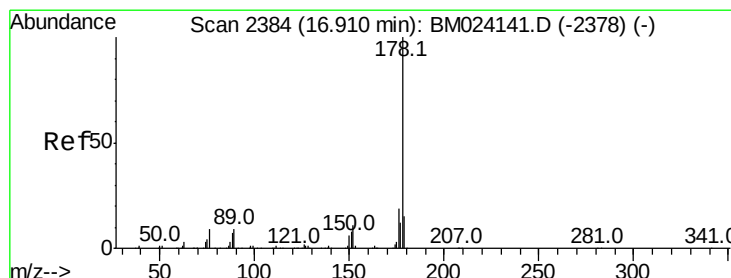
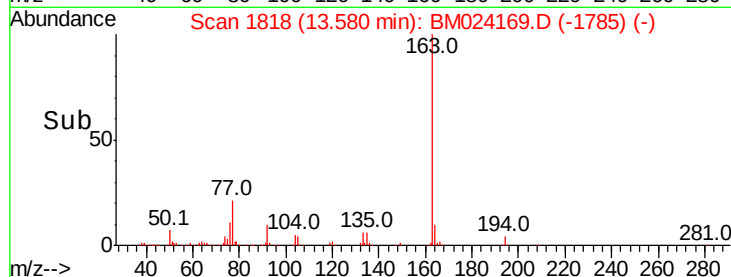
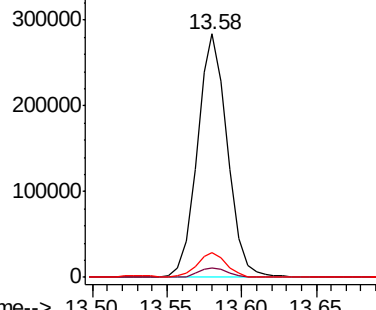
#45
Dimethylphthalate
Concen: 4.284 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024169.D
Acq: 19 Dec 2019 01:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.8	11.6

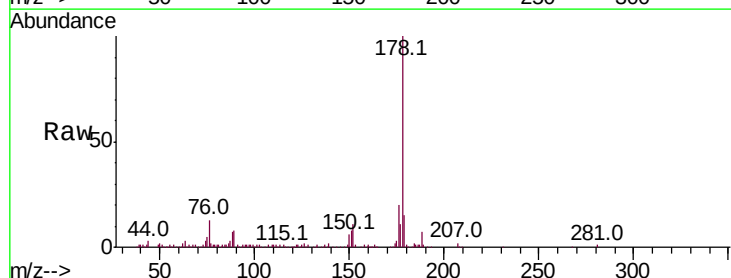


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

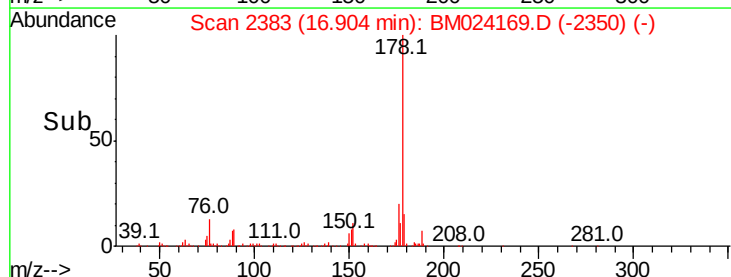
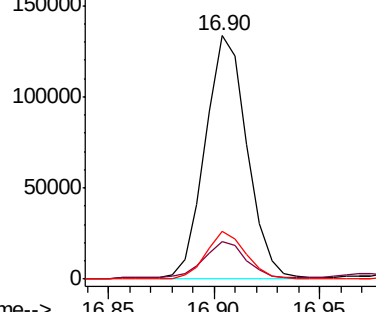


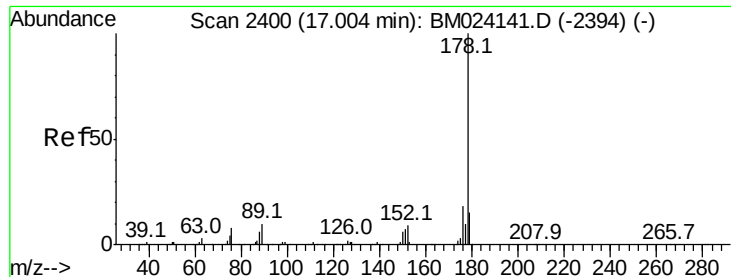
#70
Phenanthrene
Concen: 1.328 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024169.D
Acq: 19 Dec 2019 01:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.7	15.1	22.7



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





#72

Anthracene

Concen: 1.326 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.10 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

Instrument :

BNA_M

ClientSampleId :

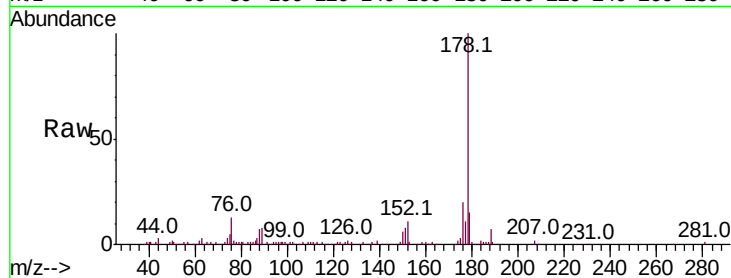
Tot Ion:178 Resp: 183556

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

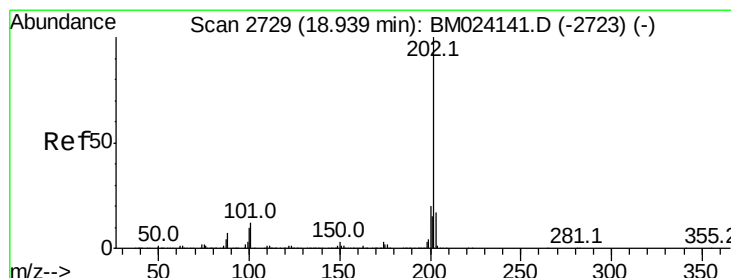
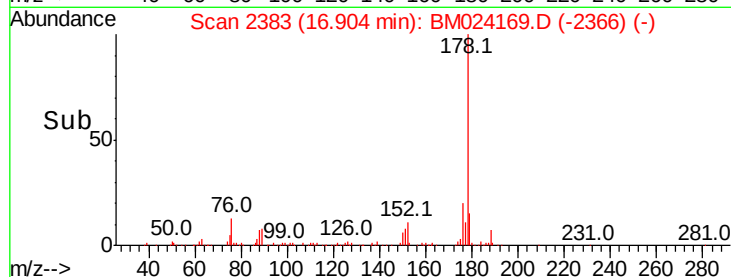
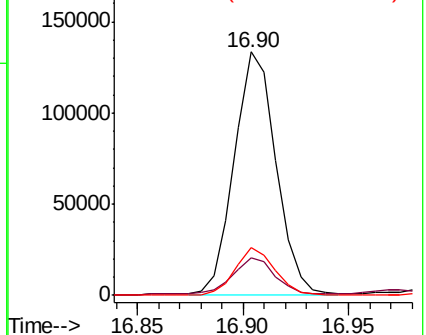
176 19.7 14.7 22.1



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



#77

Fluoranthene

Concen: 2.685 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

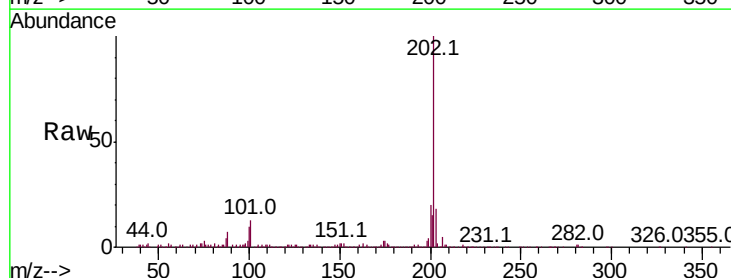
Tgt Ion:202 Resp: 402831

Ion Ratio Lower Upper

202 100

101 12.8 10.6 15.8

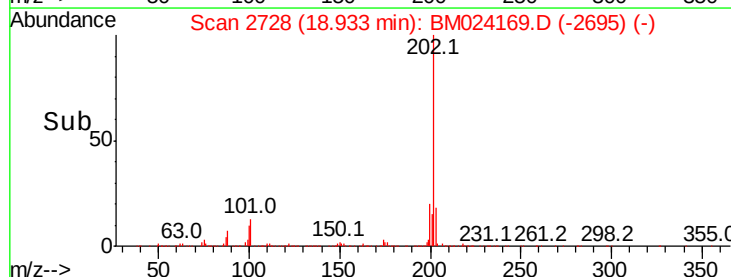
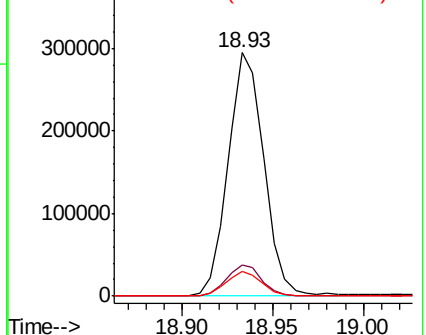
100 10.0 8.1 12.1

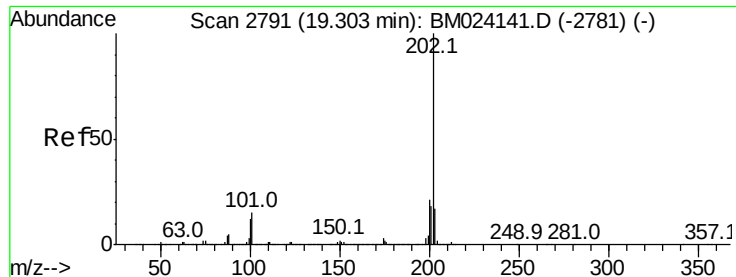


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

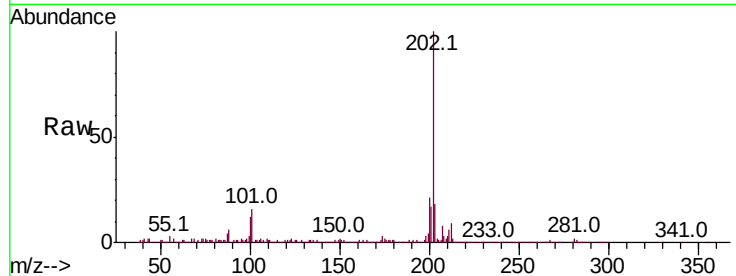




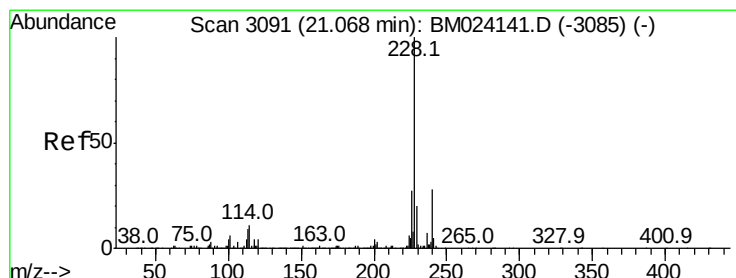
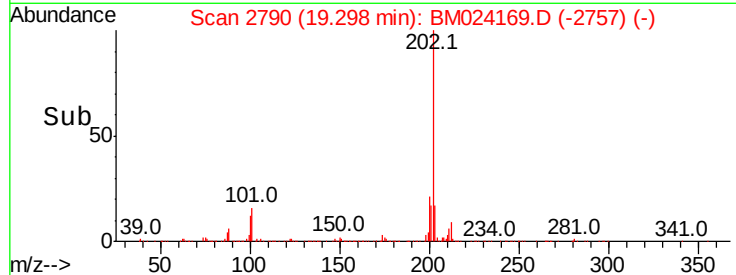
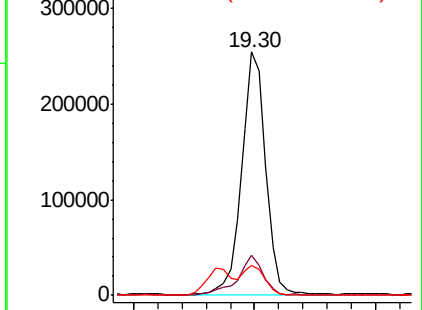
#80
Pvrene
Concen: 3.171 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024169.D
Acq: 19 Dec 2019 01:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.2	18.4
100	12.4	10.0	15.0

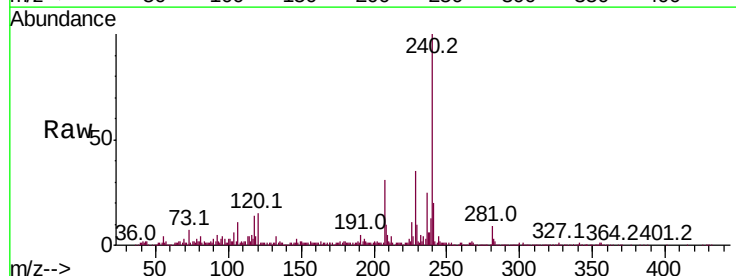


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

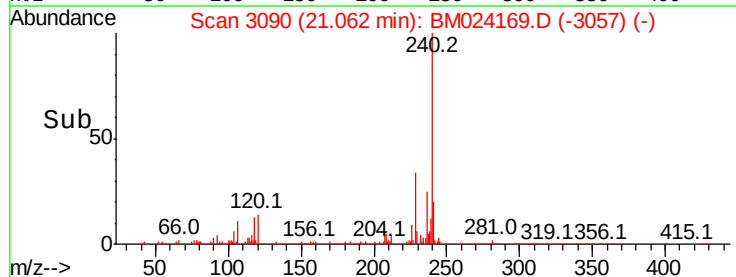
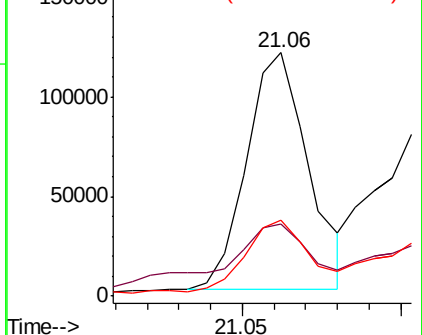


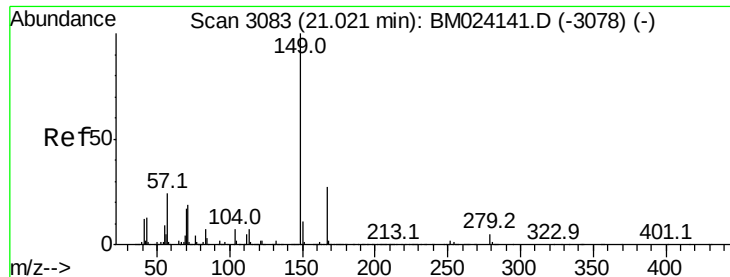
#83
Benzo(a)anthracene
Concen: 1.499 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024169.D
Acq: 19 Dec 2019 01:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.8	23.8#
226	30.9	22.2	33.2



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

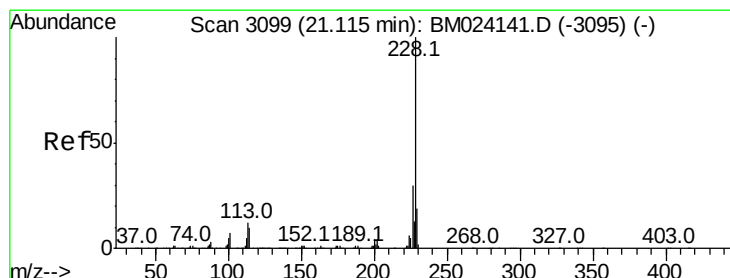
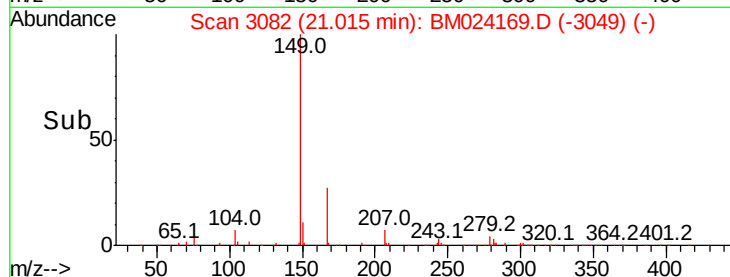
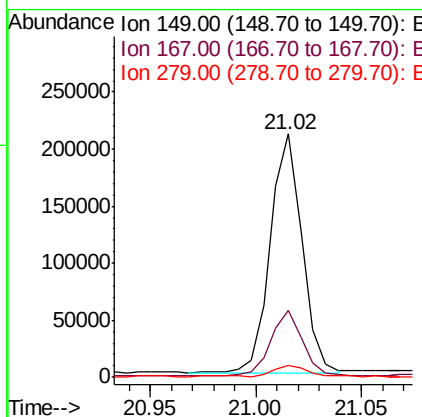
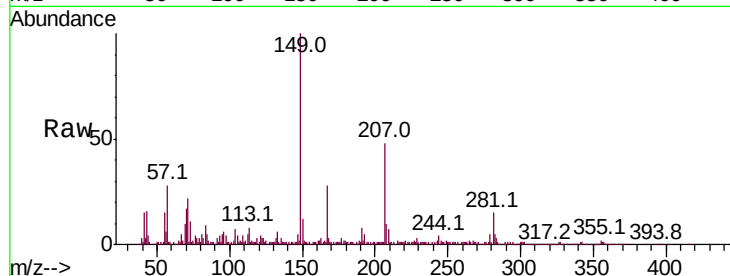




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.381 ng/ul
 RT: 21.02 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BM024169.D
 Acq: 19 Dec 2019 01:10

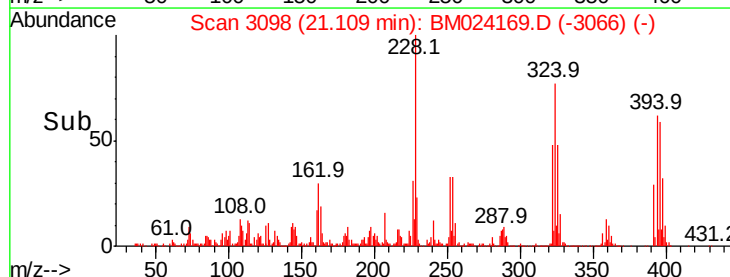
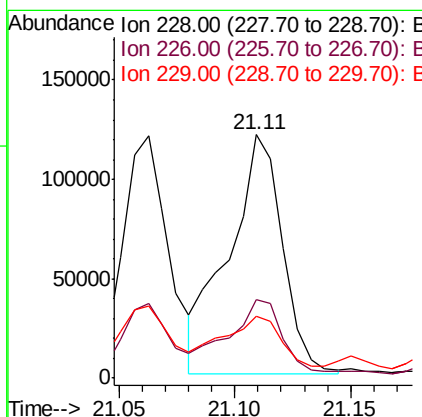
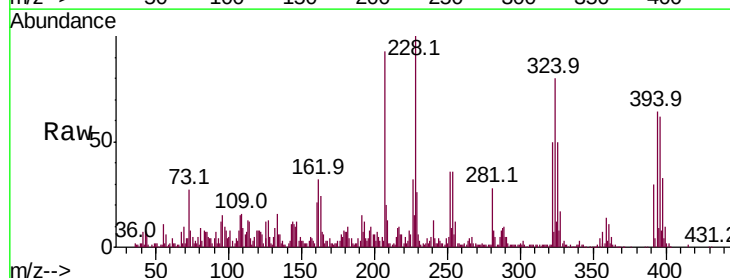
Instrument :
 BNA_M
 ClientSampleId :

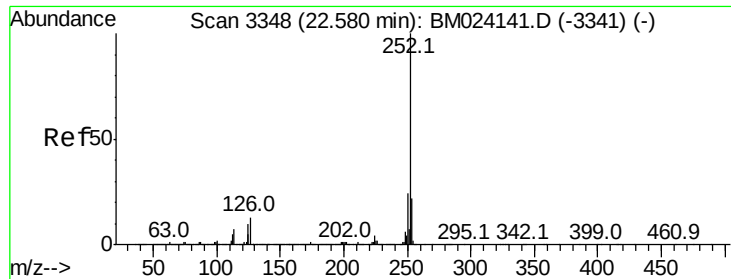
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.9	3.7	5.5



#85
 Chrysene
 Concen: 1.862 ng/ul
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM024169.D
 Acq: 19 Dec 2019 01:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	25.6	15.4	23.2





#88

Benzo(b)fluoranthene

Concen: 2.179 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

Instrument :

BNA_M

ClientSampled :

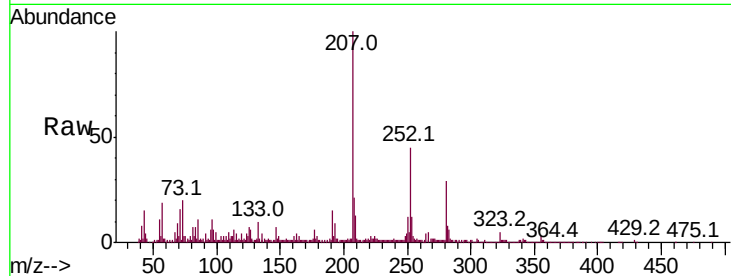
Tot Ion:252 Resp: 224279

Ion Ratio Lower Upper

252 100

253 25.8 17.2 25.8

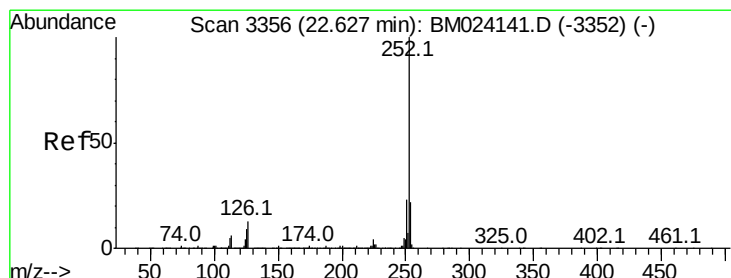
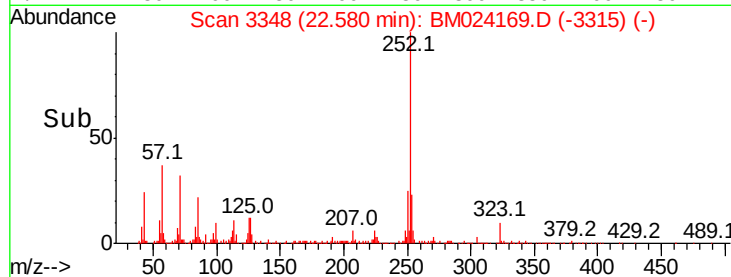
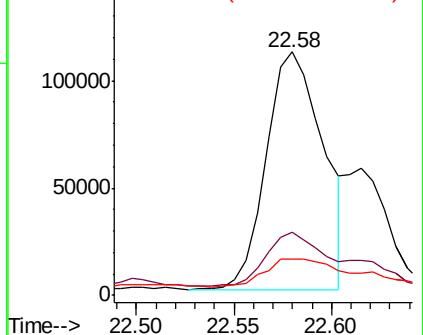
125 15.0 7.8 11.8#



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



#89

Benzo(k)fluoranthene

Concen: 2.220 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

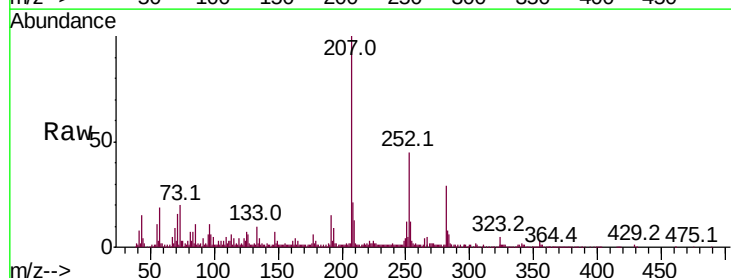
Tgt Ion:252 Resp: 224279

Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

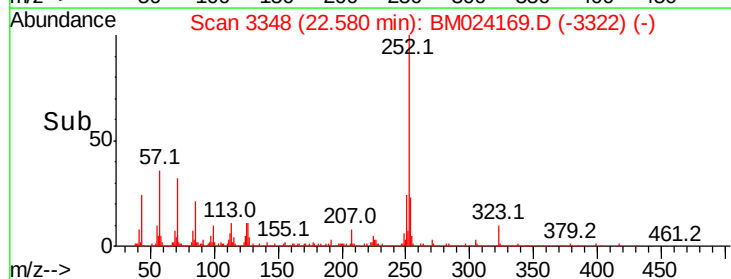
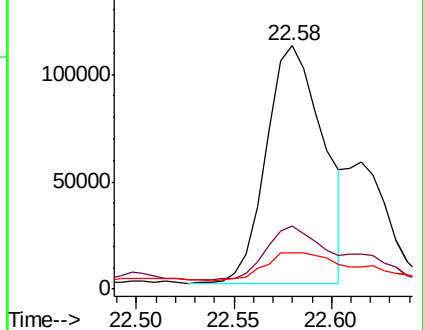
125 15.0 7.9 11.9#

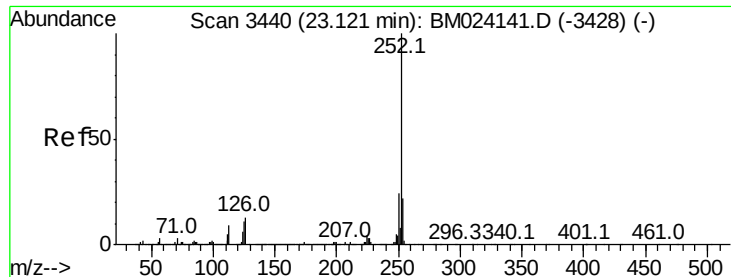


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.922 ng/ul

RT: 23.12 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

Instrument :

BNA_M

ClientSampleId :

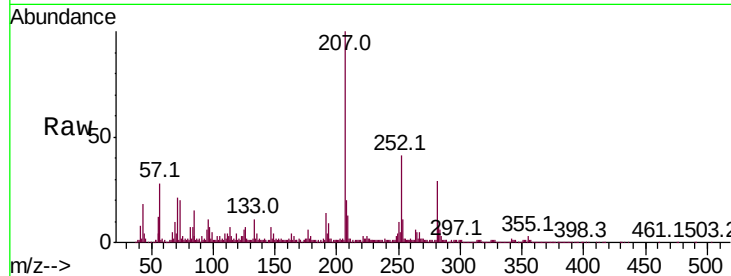
Tot Ion:252 Resp: 178991

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

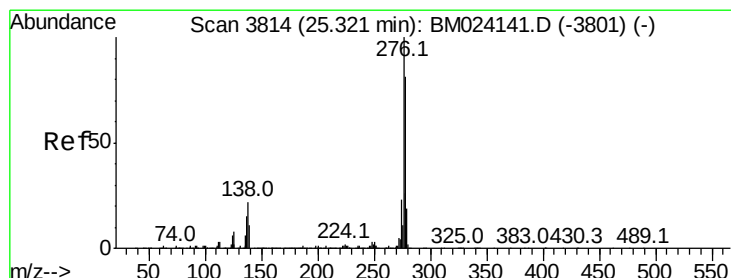
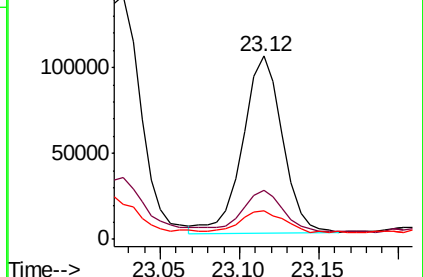
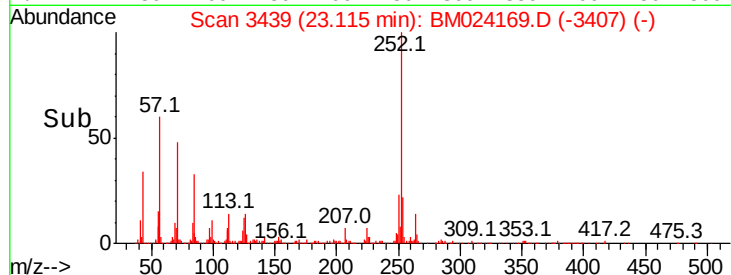
125 15.5 8.2 12.4#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.137 ng/ul

RT: 25.31 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

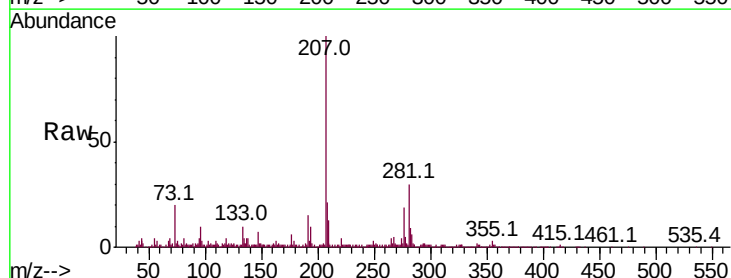
Tgt Ion:276 Resp: 127203

Ion Ratio Lower Upper

276 100

138 18.8 18.3 27.5

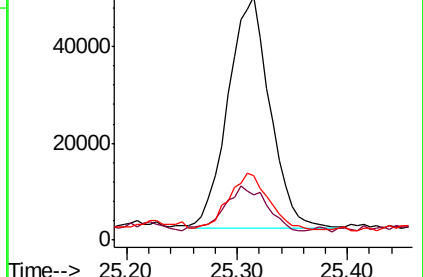
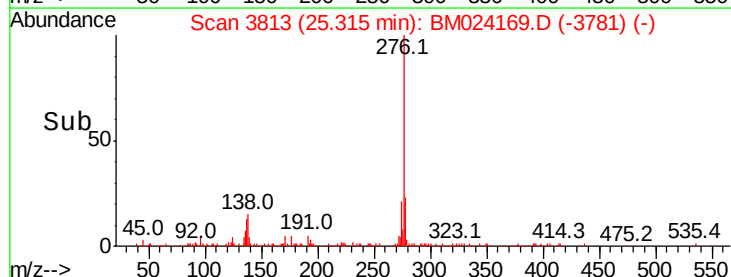
277 26.6 20.2 30.2

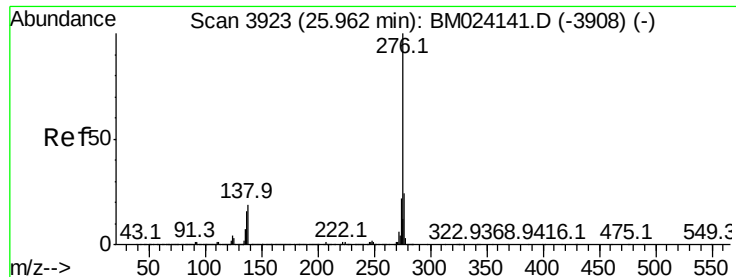


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.164 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024169.D

Acq: 19 Dec 2019 01:10

Instrument :

BNA_M

ClientSampleId :

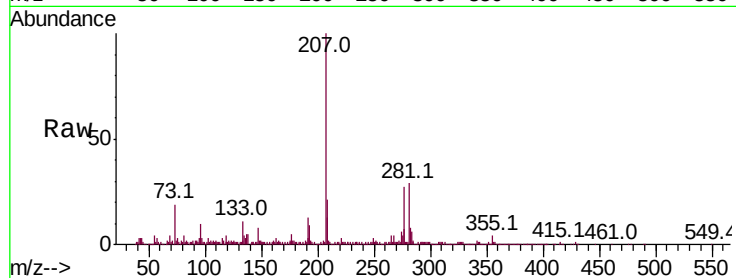
Tot Ion: 276 Resp: 197591

Ion Ratio Lower Upper

276 100

138 19.2 15.3 22.9

277 25.4 19.3 28.9



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

