

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020487.D
 Acq On : 22 May 2019 07:43
 Operator : JU/SJ
 Sample : K2923-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4258

Manual Integrations
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mohammad
 5/23/2019 8:43:59 AM

Quant Time: May 22 12:44:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	63044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	231431	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	140976	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	348491	20.00	ng/ul	0.02
77) Chrysene-d12	21.56	240	398931m	20.00	ng/ul	0.24
85) Perylene-d12	24.46	264	599686m	20.00	ng/ul	0.86

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10094	5.91	ng/uL	0.00
5) Phenol-d5	6.90	99	150946	30.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	92575	28.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	117315	31.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	105447	28.79	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	51120	33.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	57162	34.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	114526	32.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	49283	13.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	334752	33.00	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	430900	33.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	32400m	22.00	ng/ul	0.12
57) Fluorene-d10	15.38	176	312770	34.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	15146	7.63	ng/ul	0.05
70) Anthracene-d10	17.26	188	502788	33.64	ng/ul	0.03
78) Pyrene-d10	19.61	212	610248	31.76	ng/ul	0.08
89) Benzo(a)pyrene-d12	24.41	264	668344m	24.52	ng/ul	0.95

Target Compounds

					Ovalue	
6) Phenol	6.93	94	6306	1.192	ng/ul#	73
44) Dimethylphthalate	13.83	163	124874	12.445	ng/ul	99
47) Acenaphthylene	14.10	152	29267	2.446	ng/ul	99
69) Phenanthrene	17.20	178	222996	13.430	ng/ul	100
71) Anthracene	17.29	178	66323	3.927	ng/ul	98
74) Carbazole	17.61	167	16671	1.163	ng/ul	97
76) Fluoranthene	19.27	202	533240	25.423	ng/ul	99
79) Pyrene	19.64	202	495696	20.702	ng/ul	98
82) Benzo(a)anthracene	21.57	228	294931m	12.283	ng/ul	
84) Chrysene	21.59	228	364547m	15.887	ng/ul	
87) Benzo(b)fluoranthene	23.58	252	638132m	18.645	ng/ul	
88) Benzo(k)fluoranthene	24.37	252	591532m	17.596	ng/ul	
90) Benzo(a)pyrene	24.37	252	625562m	19.422	ng/ul	

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

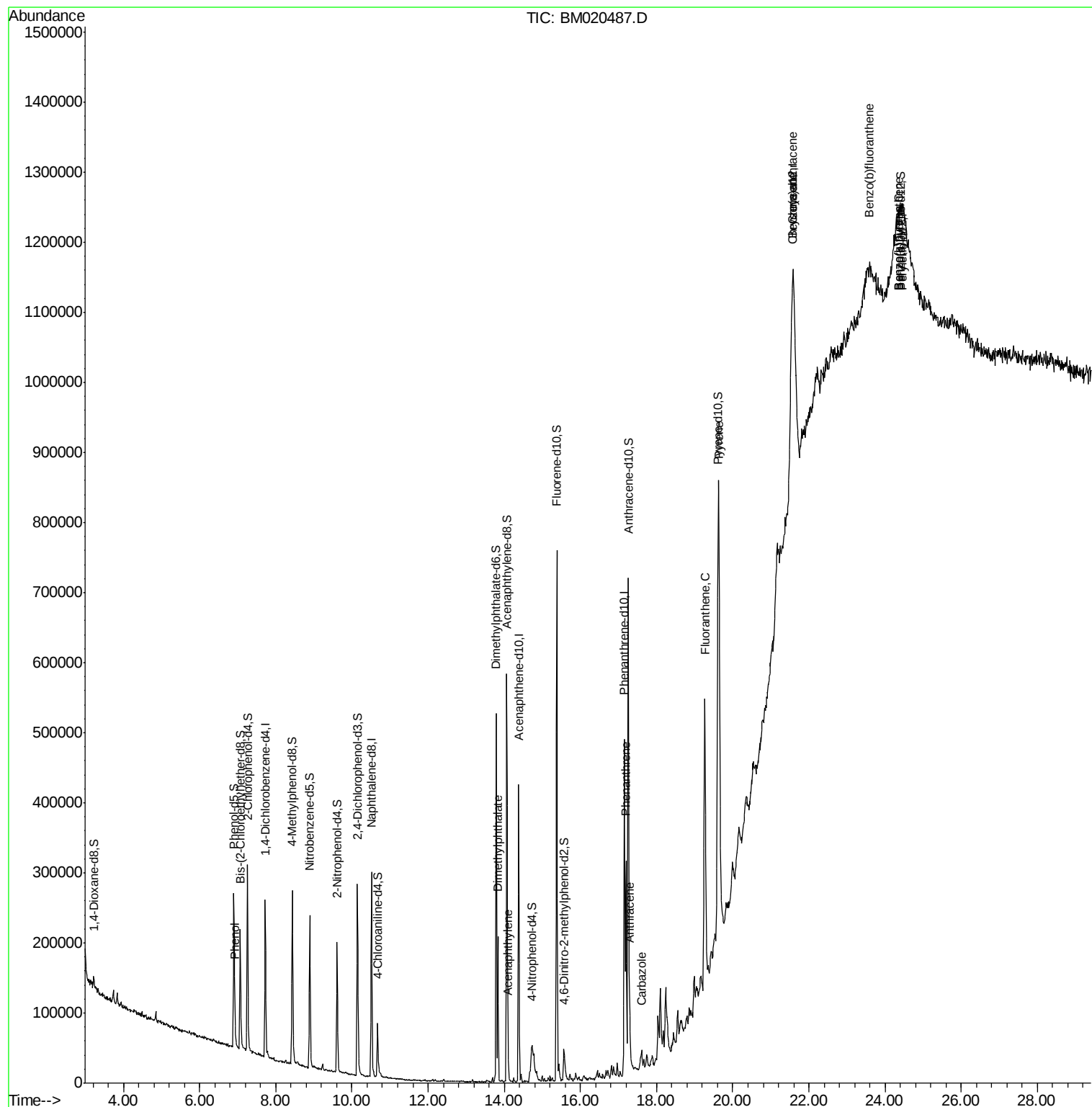
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
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Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

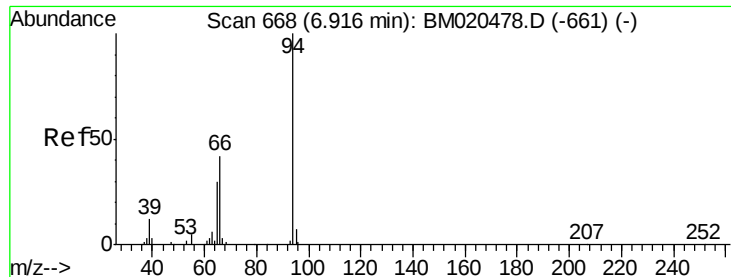
Instrument :
BNA_M
ClientSampled :
A4258

Quant Time: May 22 12:44:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 1.192 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Instrument :

BNA_M

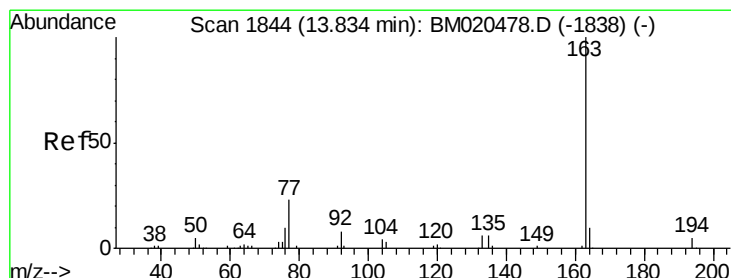
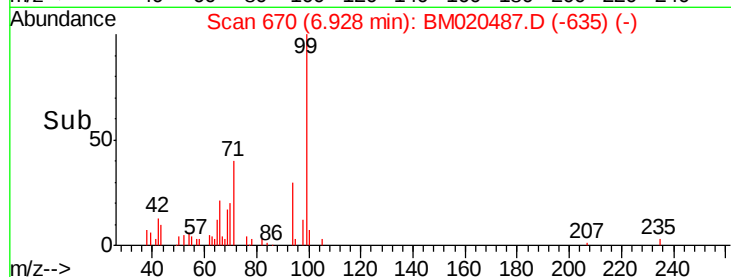
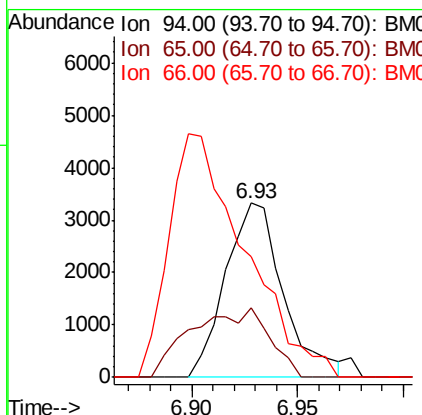
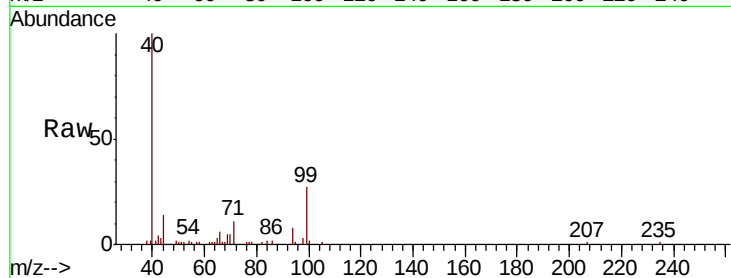
ClientSampleId :

A4258

Tot Ion:	94	Resp:	6306
Ion	Ratio	Lower	Upper
94	100		
65	39.8	25.4	38.0#
66	69.1	36.5	54.7#

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#44

Dimethylphthalate

Concen: 12.445 ng/ul

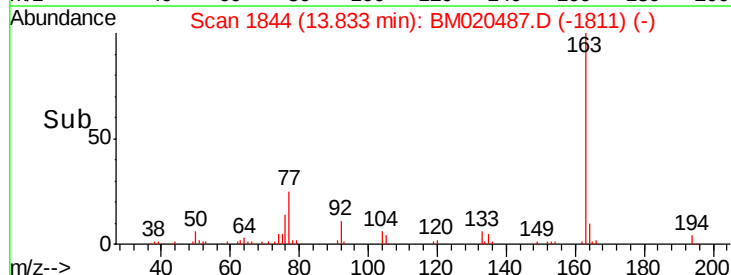
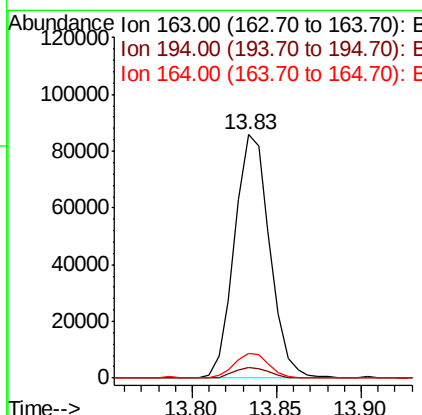
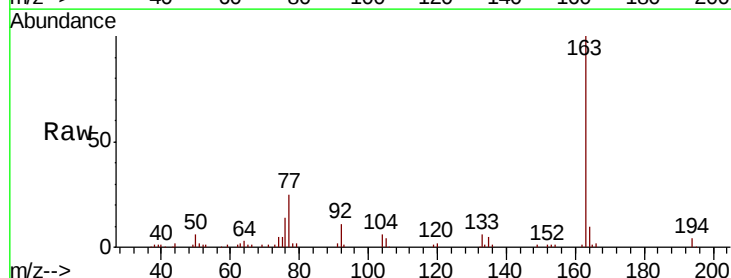
RT: 13.83 min Scan# 1844

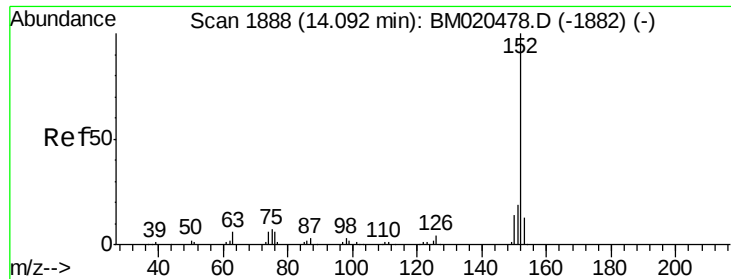
Delta R.T. -0.01 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Tgt Ion:	163	Resp:	124874
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.4	8.0	12.0





#47

Acenaphthylene

Concen: 2.446 ng/ul

RT: 14.10 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Instrument :

BNA_M

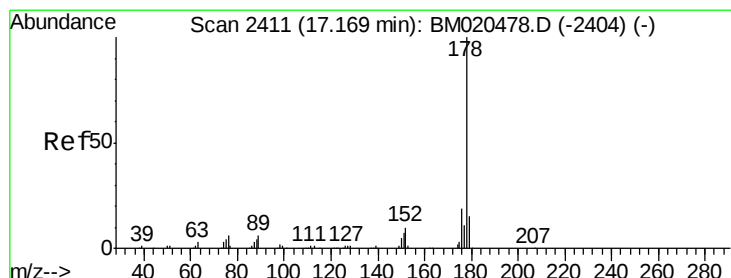
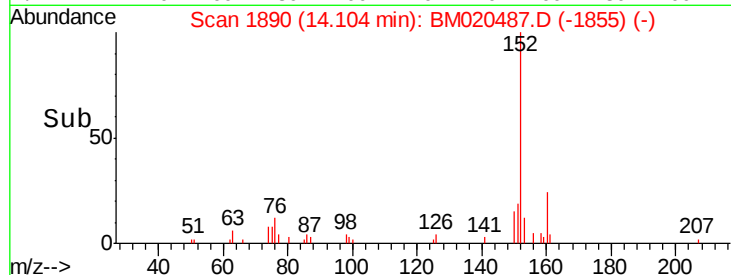
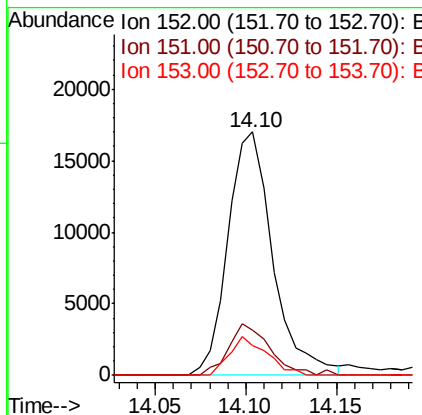
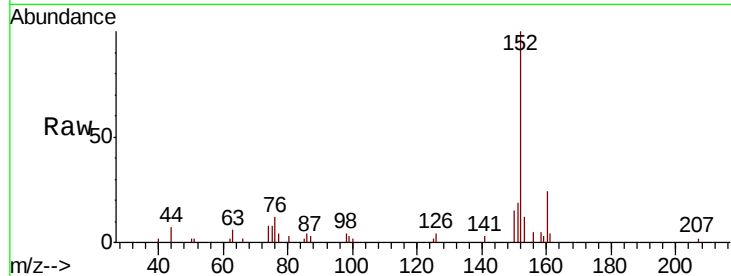
ClientSampleId :

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Tot Ion:	152	Resp:	29267
Ion Ratio	Lower	Upper	
152	100		
151	18.8	15.4	23.0
153	12.5	10.3	15.5

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#69

Phenanthrene

Concen: 13.430 ng/ul

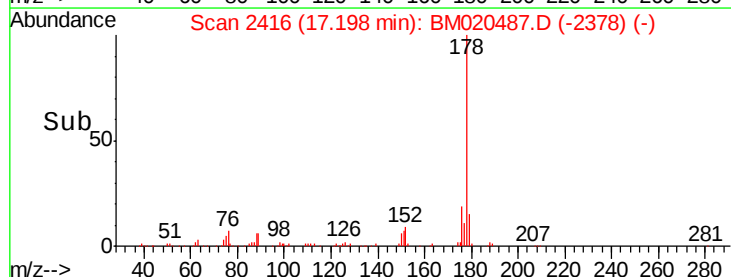
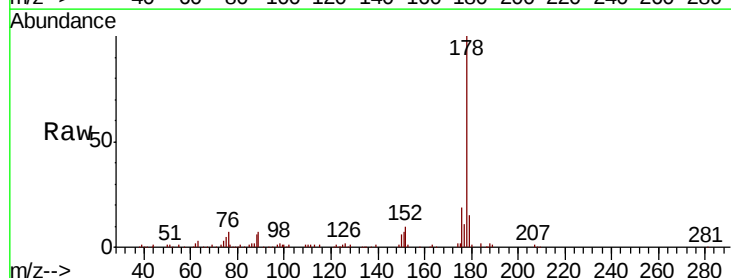
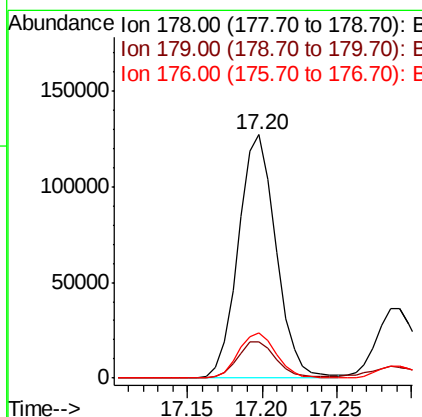
RT: 17.20 min Scan# 2416

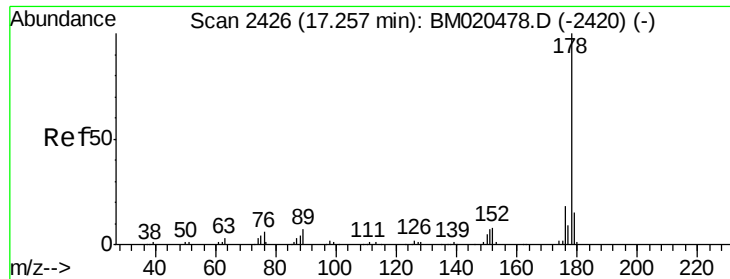
Delta R.T. 0.02 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Tgt Ion:	178	Resp:	222996
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.9	17.9
176	18.6	14.6	22.0





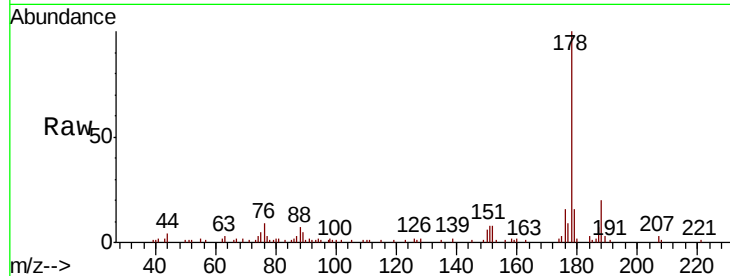
#71
 Anthracene
 Concen: 3.927 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. 0.03 min
 Lab File: BM020487.D
 Acq: 22 May 2019 07:43

Instrument :
 BNA_M
 ClientSampleId :
 A4258

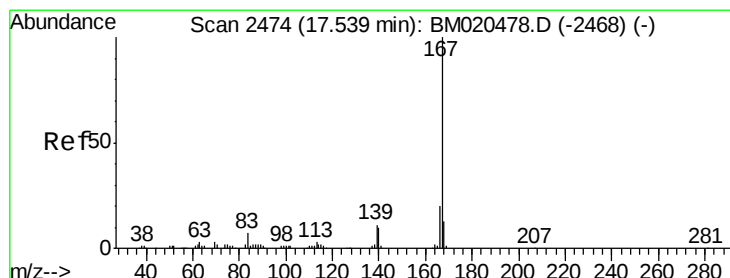
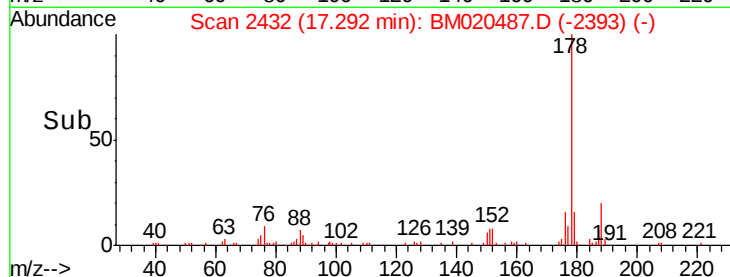
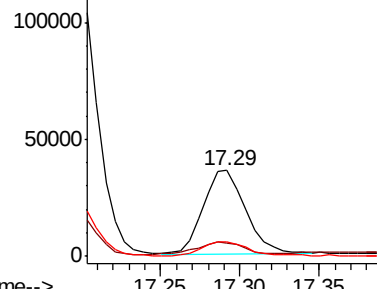
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	16.4	14.4	21.6

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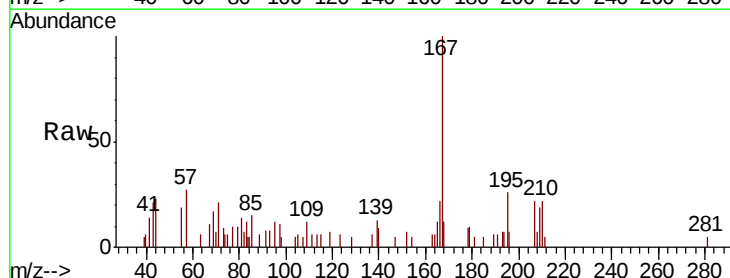


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

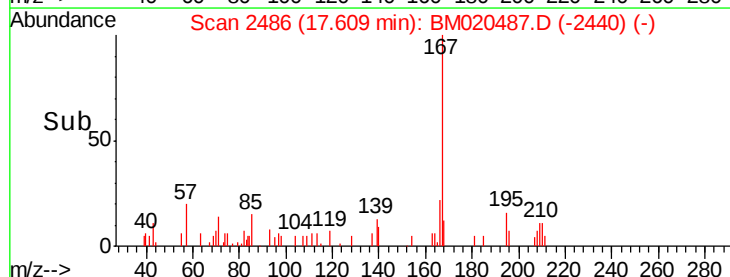
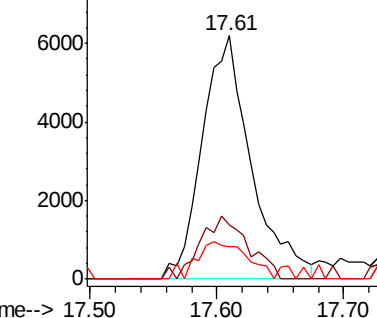


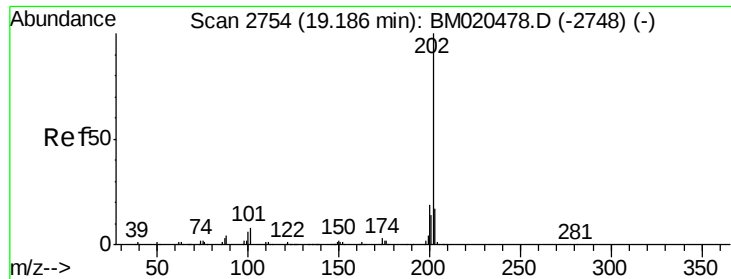
#74
 Carbazole
 Concen: 1.163 ng/ul
 RT: 17.61 min Scan# 2486
 Delta R.T. 0.07 min
 Lab File: BM020487.D
 Acq: 22 May 2019 07:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	16.6	24.8
139	13.2	9.8	14.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 25.423 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.08 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Instrument :

BNA_M

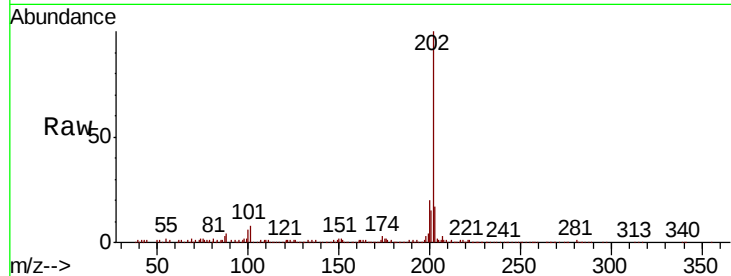
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A4258

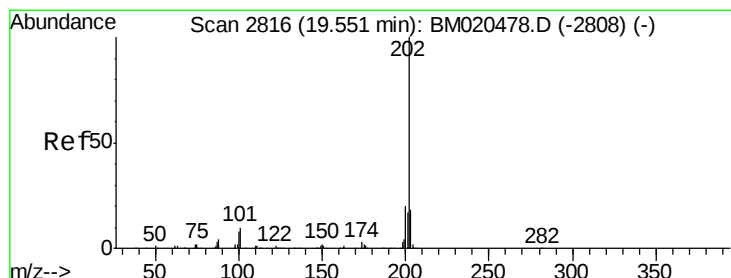
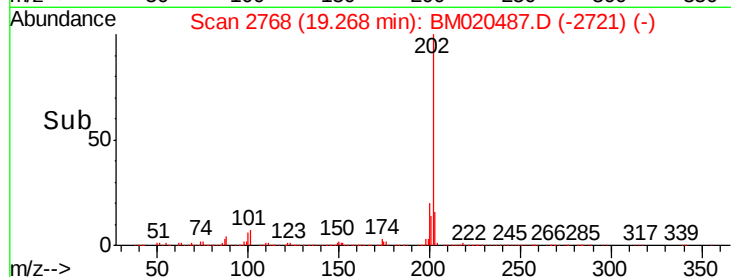
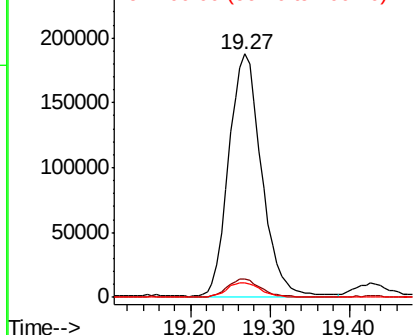
Tot Ion:	202	Resp:	533240
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.4	9.6
100	6.1	5.2	7.8

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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: 20.702 ng/ul

RT: 19.64 min Scan# 2832

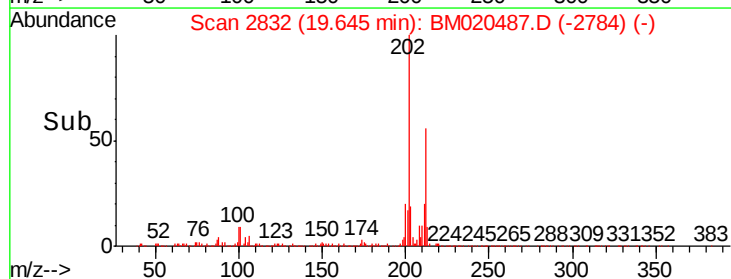
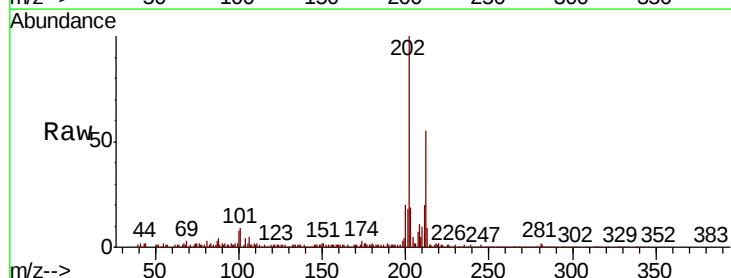
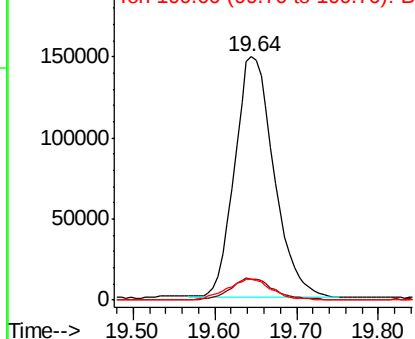
Delta R.T. 0.08 min

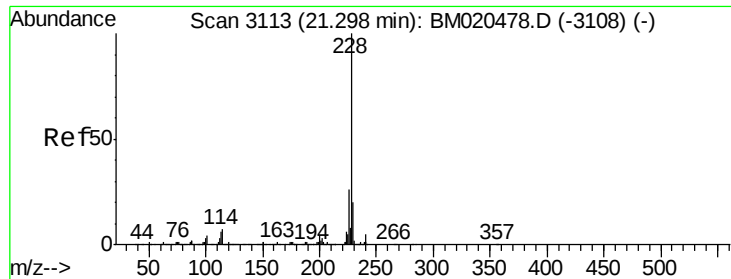
Lab File: BM020487.D

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Tgt Ion:	202	Resp:	495696
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.1	10.7
100	8.5	5.9	8.9

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





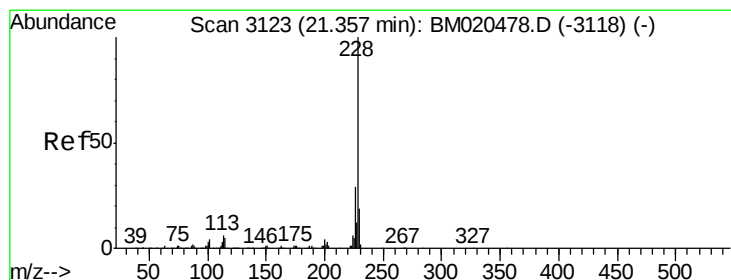
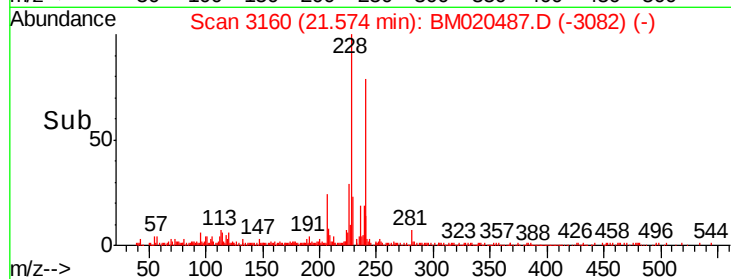
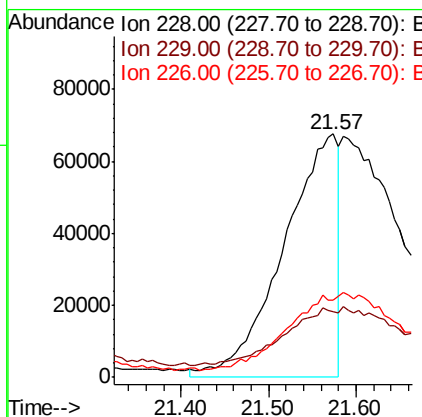
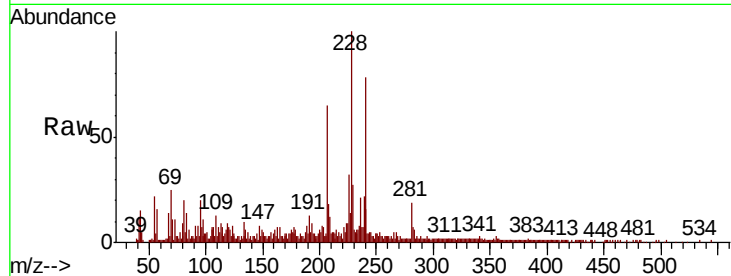
#82
Benzo(a)anthracene
Concen: 12.283 ng/ul m
RT: 21.57 min Scan# 3160
Delta R.T. 0.26 min
Lab File: BM020487.D
Acq: 22 May 2019 07:43

Instrument :
BNA_M
ClientSampleId :
A4258

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.8	23.8#
226	32.0	20.6	30.8#

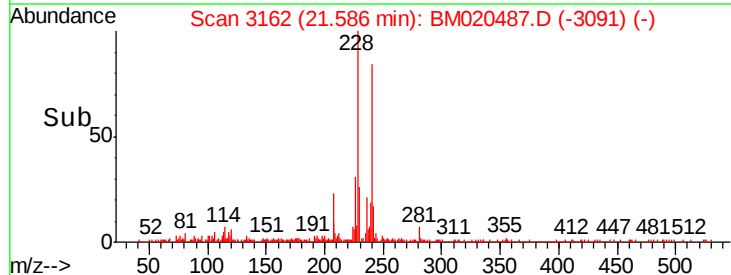
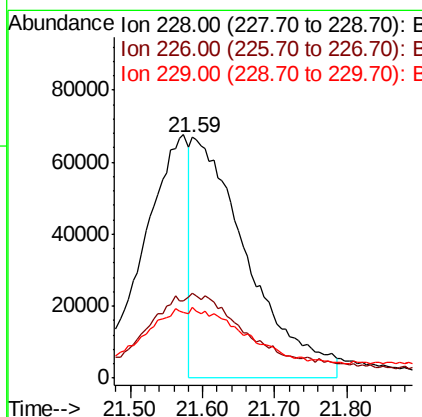
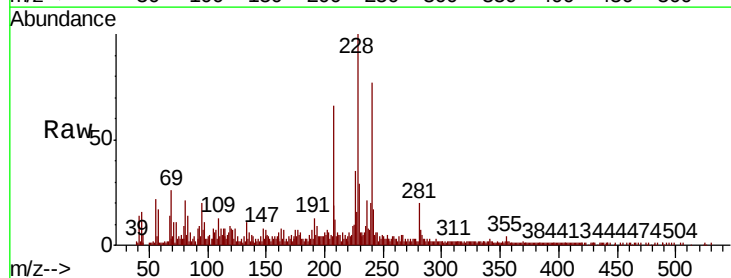
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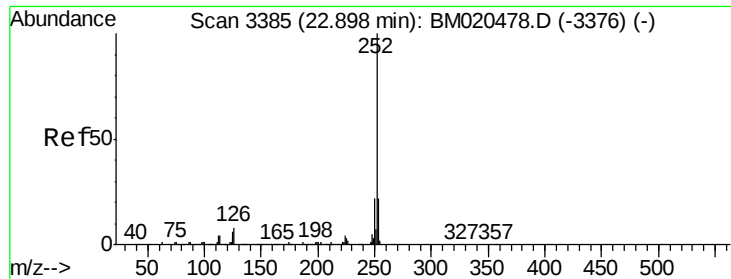
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#84
Chrysene
Concen: 15.887 ng/ul m
RT: 21.59 min Scan# 3162
Delta R.T. 0.22 min
Lab File: BM020487.D
Acq: 22 May 2019 07:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	22.2	33.4#
229	29.2	15.4	23.2#





#87

Benzo(b)fluoranthene

Concen: 18.645 ng/ul m

RT: 23.58 min Scan# 3501

Delta R.T. 0.66 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Instrument :

BNA_M

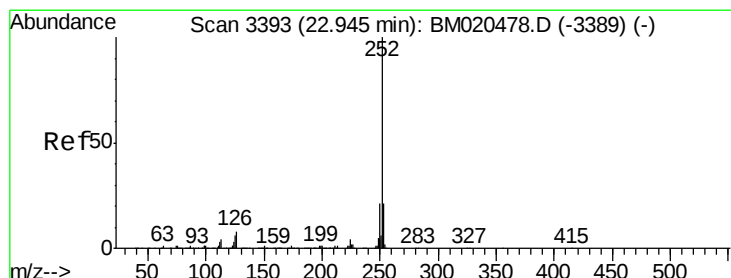
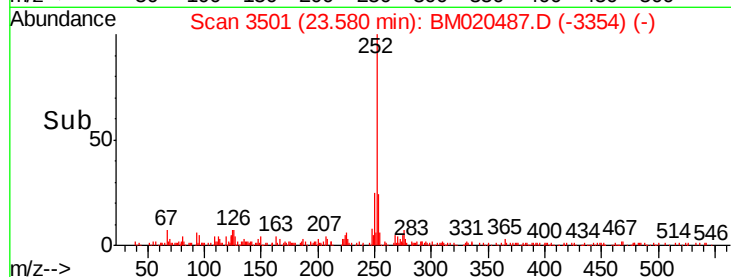
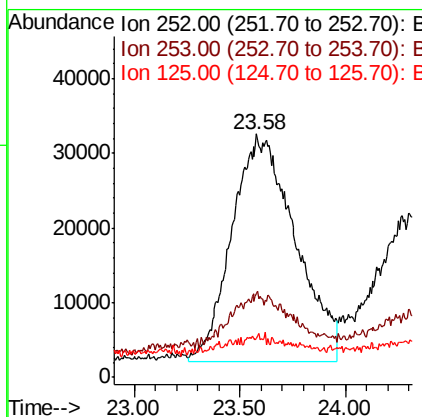
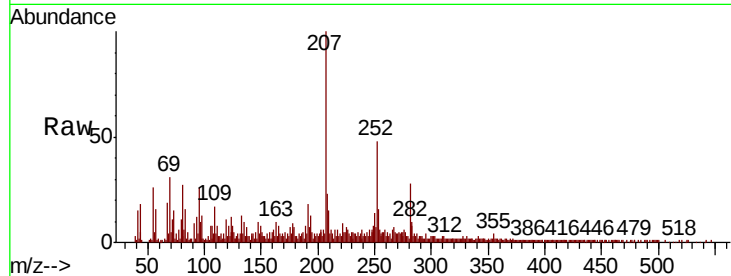
ClientSampleId :

A4258

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.0	25.6#
125	16.2	5.0	7.4#

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#88

Benzo(k)fluoranthene

Concen: 17.596 ng/ul m

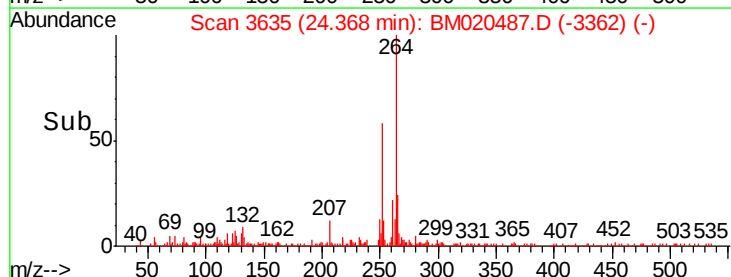
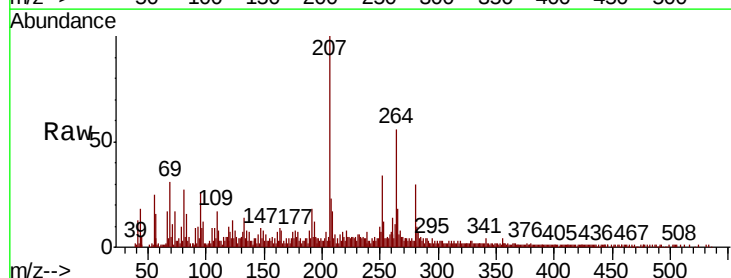
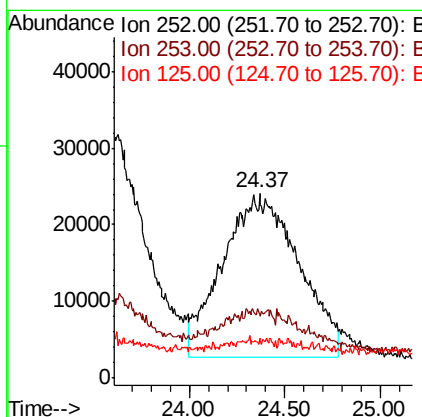
RT: 24.37 min Scan# 3635

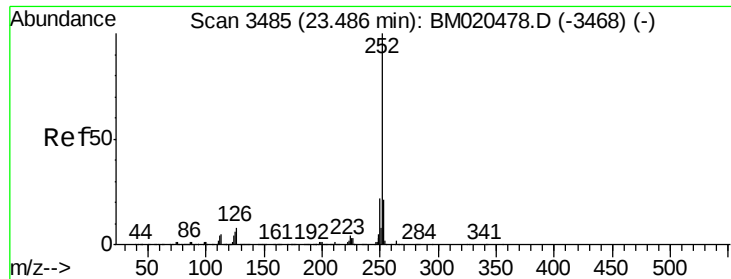
Delta R.T. 1.41 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.6	26.4#
125	21.9	5.0	7.6#





#90

Benzo(a)pyrene

Concen: 19.422 ng/ul m

RT: 24.37 min Scan# 3635

Delta R.T. 0.86 min

Lab File: BM020487.D

Acq: 22 May 2019 07:43

Instrument :

BNA_M

ClientSampleId :

A4258

Tot Ion:	252	Resp:	625562
Ion Ratio	Lower	Upper	
252	100		
253	34.0	17.4	26.2#
125	21.9	5.4	8.2#

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