

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024172.D
 Acq On : 19 Dec 2019 02:57
 Operator : JU
 Sample : K6171-15
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BY9

Manual Integrations
 APPROVED

mohammad
 12/19/2019 11:16:14 AM

Quant Time: Dec 19 04:13:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 19 02:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	432589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1993947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1236875	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2515322	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1988304	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1879825	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	28868	2.95	ng/uL	0.00
5) Phenol-d5	6.65	99	721244	17.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	441830	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	552476	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	569804	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	276285	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	303314	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	565807	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	601981	16.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1780822	19.47	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2159629	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	194468	11.84	ng/ul	0.00
58) Fluorene-d10	15.11	176	1567728	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	123453	8.05	ng/ul	0.00
71) Anthracene-d10	16.96	188	2350987	20.54	ng/ul	0.00
79) Pyrene-d10	19.27	212	2505806	26.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2023971	21.68	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.67	94	56872	1.345 ng/ul	96
16) 4-Methylphenol	8.23	108	106212	3.042 ng/ul	84
45) Dimethylphthalate	13.58	163	319931	3.366 ng/ul	99
70) Phenanthrene	16.90	178	462613	3.285 ng/ul	99
77) Fluoranthene	18.93	202	1166194	7.598 ng/ul	99
80) Pyrene	19.30	202	921323	7.098 ng/ul	100
83) Benzo(a)anthracene	21.06	228	439386	3.468 ng/ul	99
85) Chrysene	21.11	228	468796	3.775 ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	513112	4.562 ng/ul#	96
89) Benzo(k)fluoranthene	22.61	252	170885m	1.548 ng/ul	
91) Benzo(a)pyrene	23.11	252	333675	3.279 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	221970	1.817 ng/ul#	95
94) Benzo(g,h,i)perylene	25.95	276	211455	2.120 ng/ul	97

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

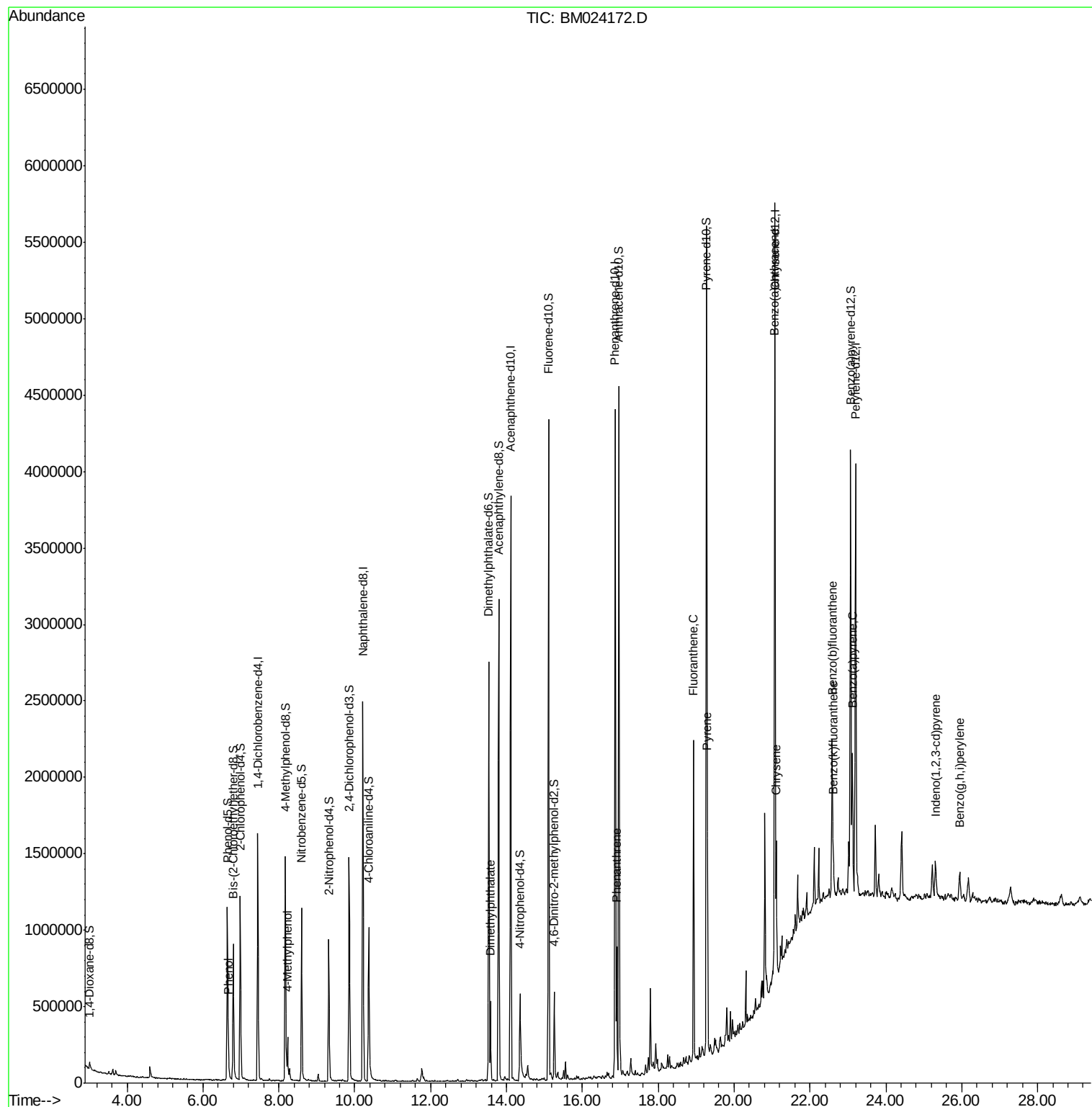
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024172.D
Acq On : 19 Dec 2019 02:57
Operator : JU
Sample : K6171-15
Misc :
ALS Vial : 46 Sample Multiplier: 1

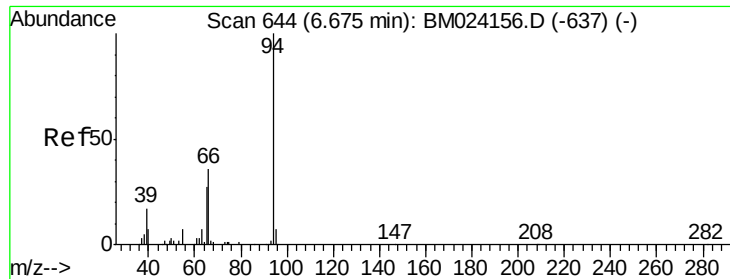
Instrument :
BNA_M
ClientSampleId :
C0BY9

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Quant Time: Dec 19 04:13:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 19 02:44:00 2019
Response via : Initial Calibration





#6

Phenol

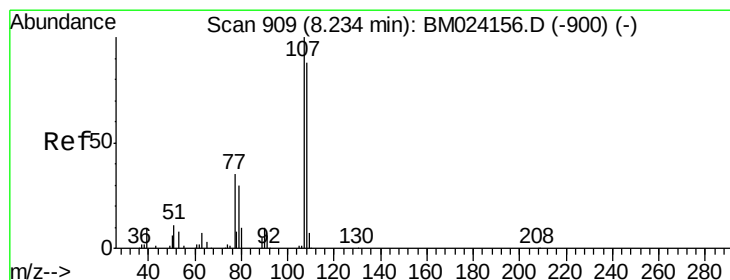
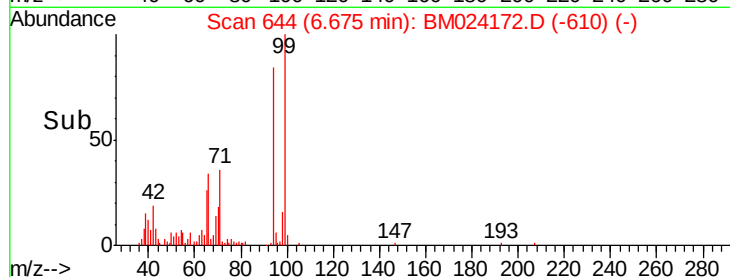
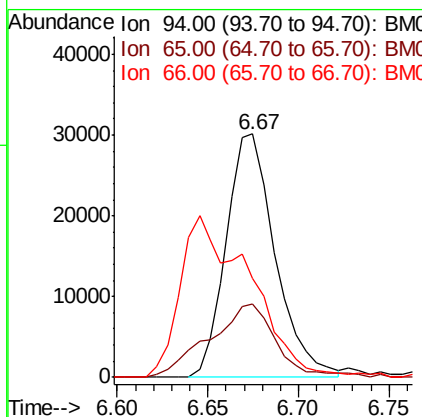
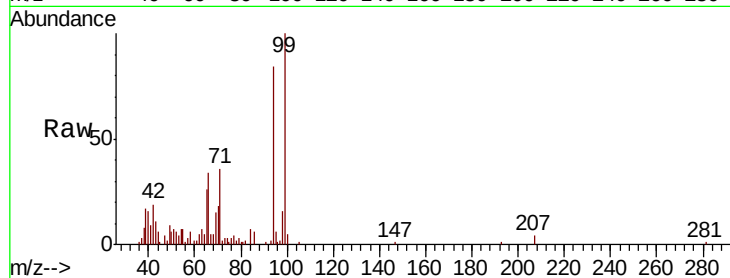
Concen: 1.345 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM024172.D
 Acq: 19 Dec 2019 02:57

Instrument :
 BNA_M
 ClientSampleId :
 C0BY9

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.4	22.6	33.8
66	40.8	30.7	46.1

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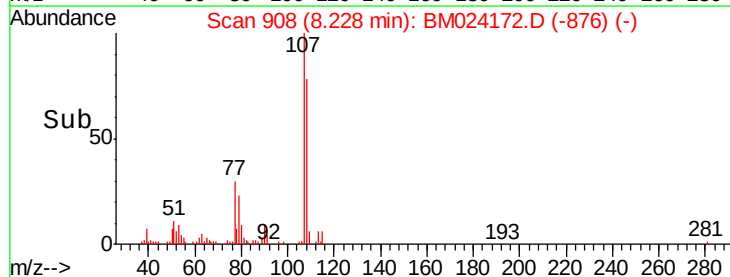
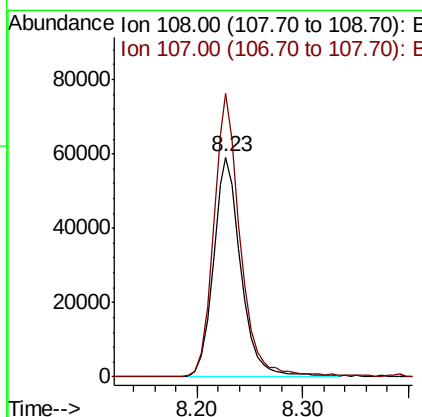
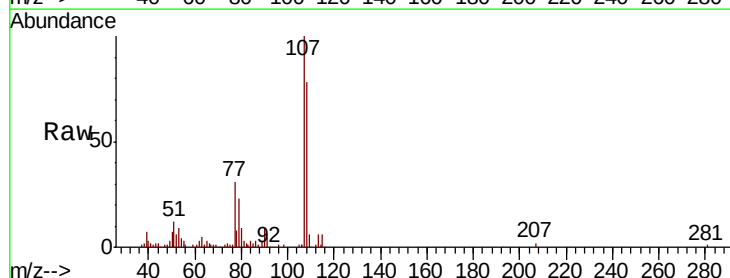


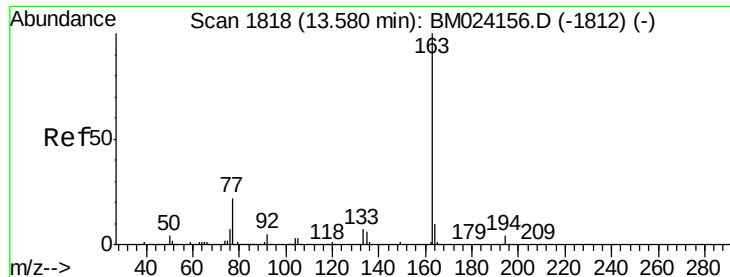
#16

4-Methylphenol

Concen: 3.042 ng/ul
 RT: 8.23 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BM024172.D
 Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Lower	Upper
108	100		
107	128.9	89.1	133.7





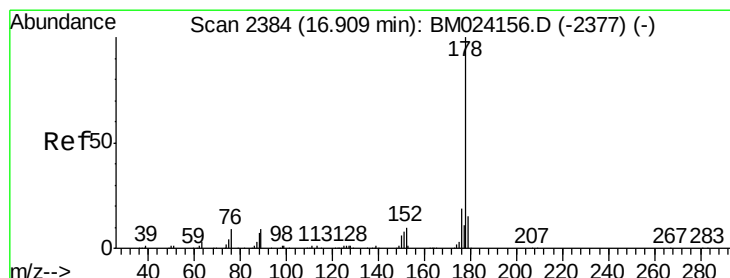
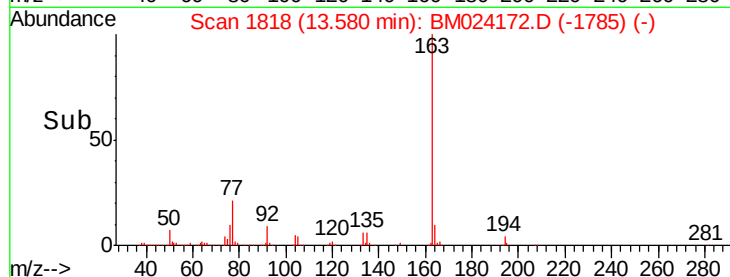
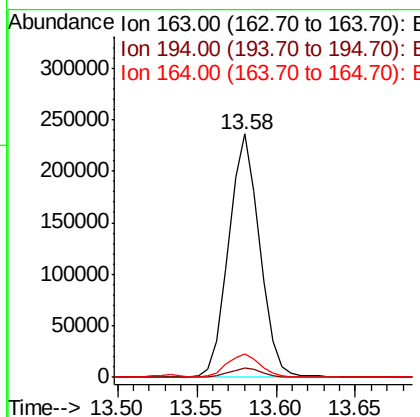
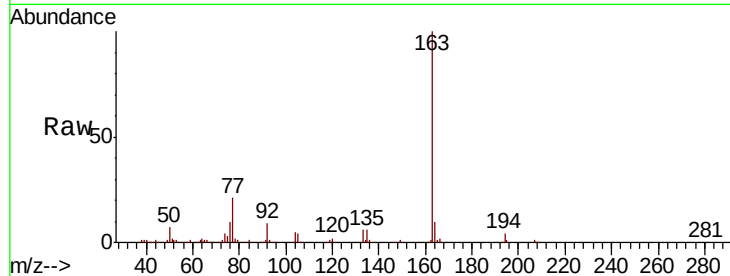
#45
Dimethylphthalate
Concen: 3.366 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0BY9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	319931		
194	3.7		3.2	4.8
164	9.6		7.8	11.6

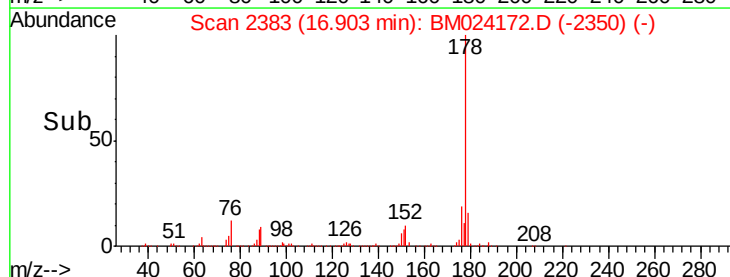
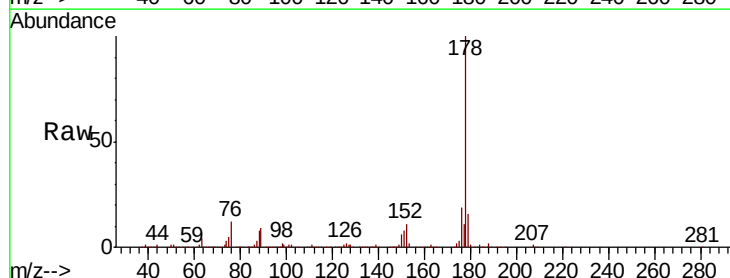
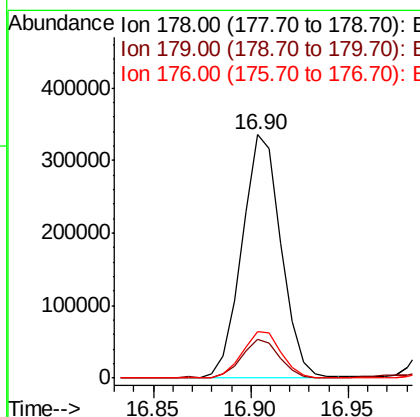
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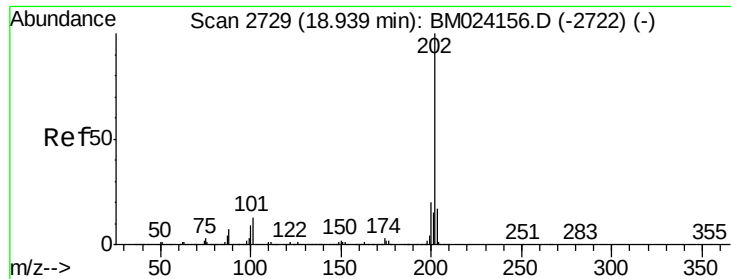
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#70
Phenanthrene
Concen: 3.285 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	462613		
179	15.7		12.6	19.0
176	19.3		15.1	22.7





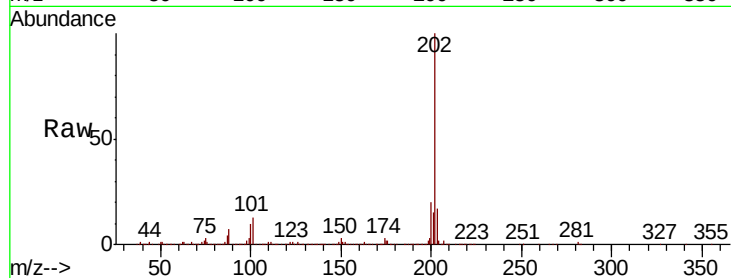
#77
Fluoranthene
Concen: 7.598 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0BY9

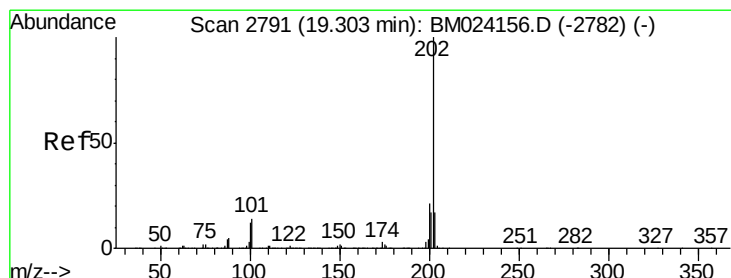
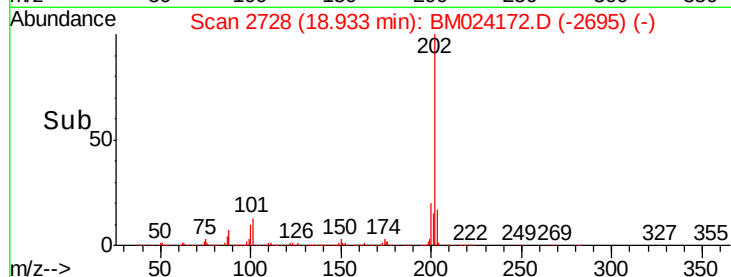
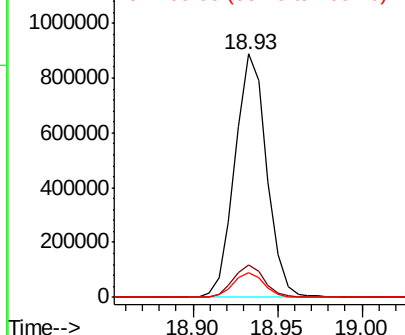
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	9.9	8.1	12.1

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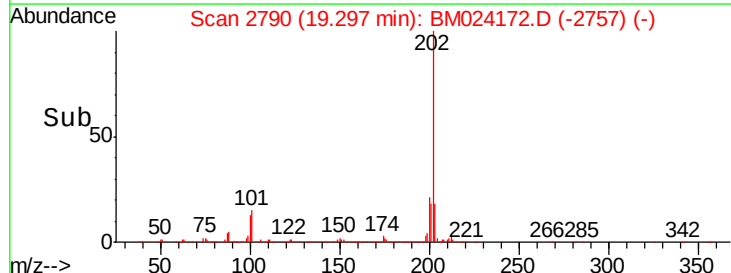
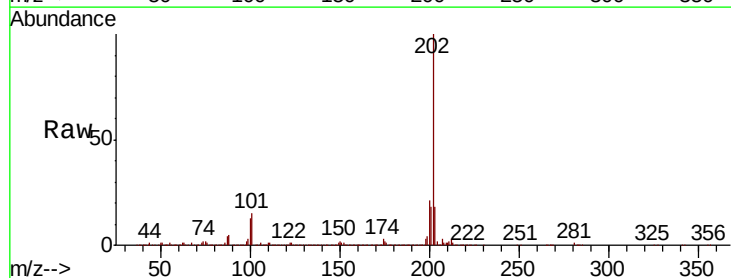
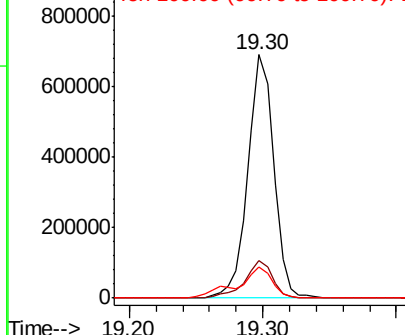
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

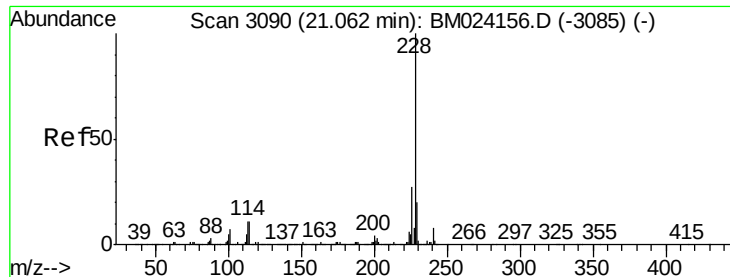


#80
Pyrene
Concen: 7.098 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.8	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





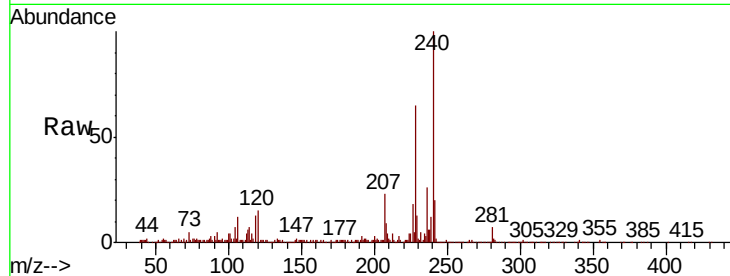
#83
Benzo(a)anthracene
Concen: 3.468 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0BY9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.5	22.2	33.2

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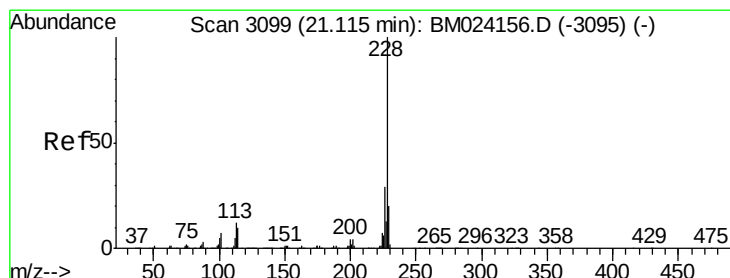
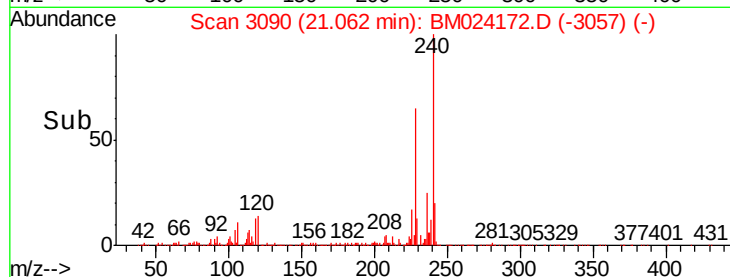
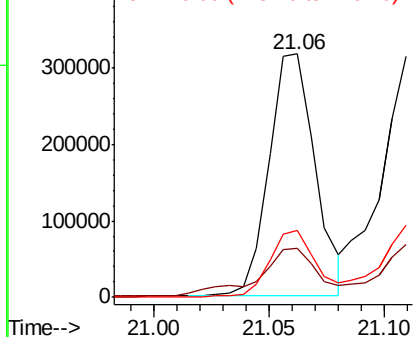


Abundance

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



#85
Chrysene
Concen: 3.775 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

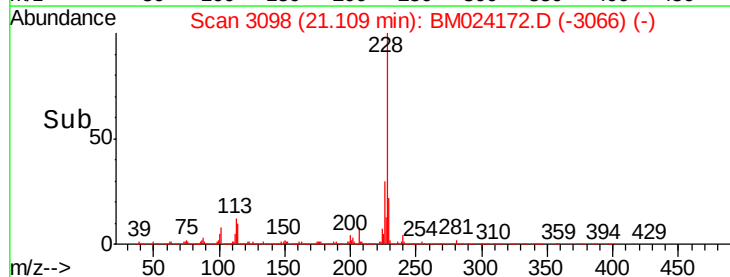
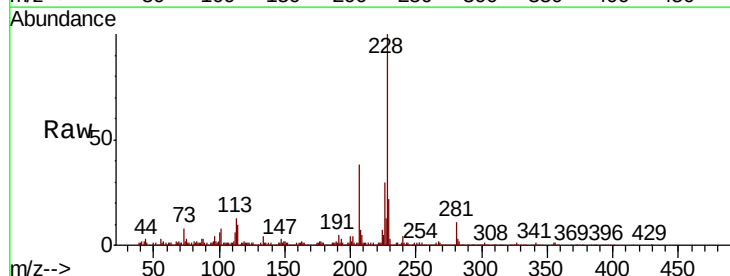
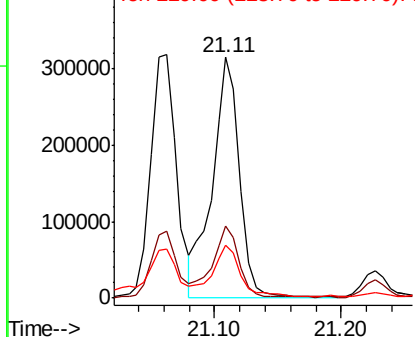
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.9	15.4	23.2

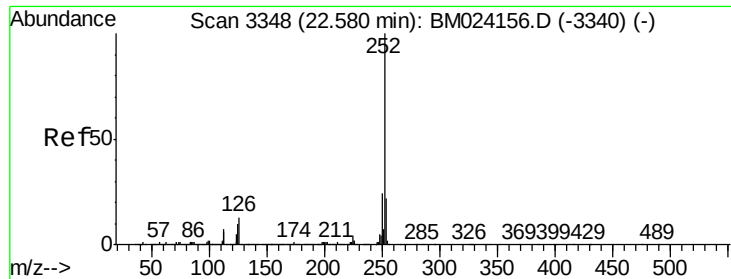
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





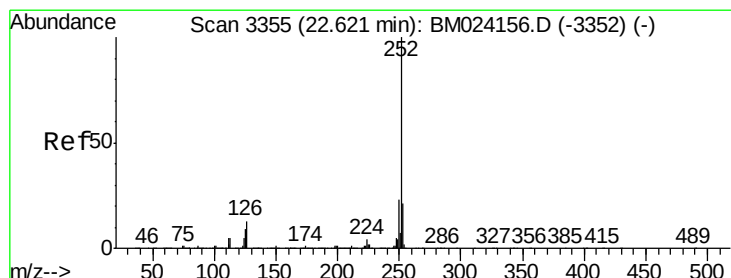
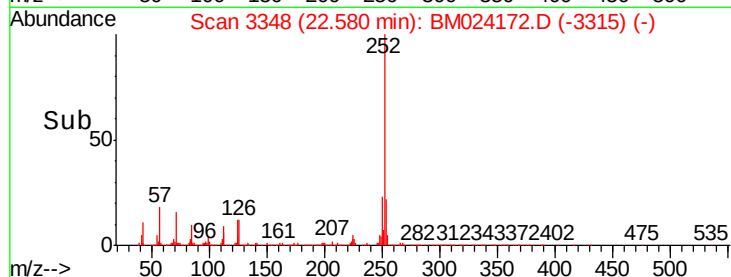
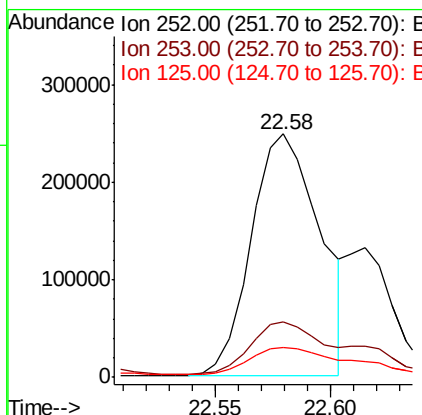
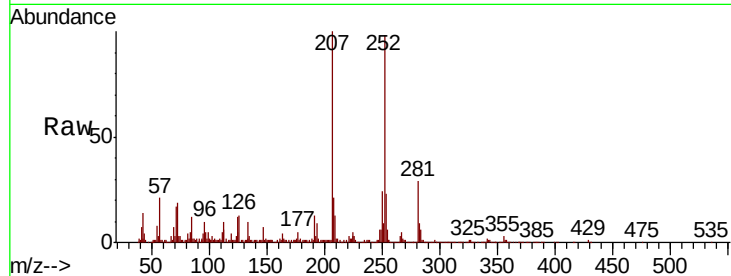
#88
Benzo(b)fluoranthene
Concen: 4.562 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0BY9

Tot Ion	Ratio	Resp	Lower	Upper
252	100	513112		
253	22.9	17.2	25.8	
125	12.5	7.8	11.8	

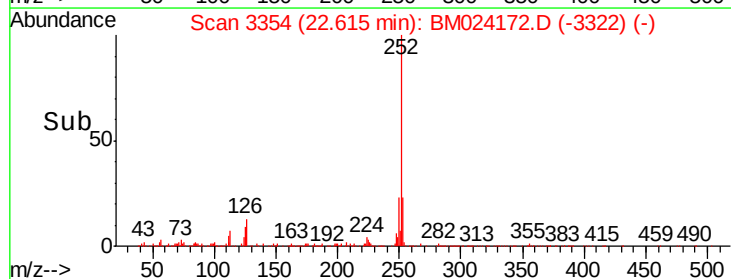
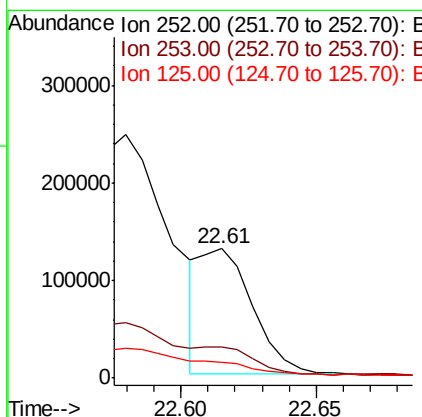
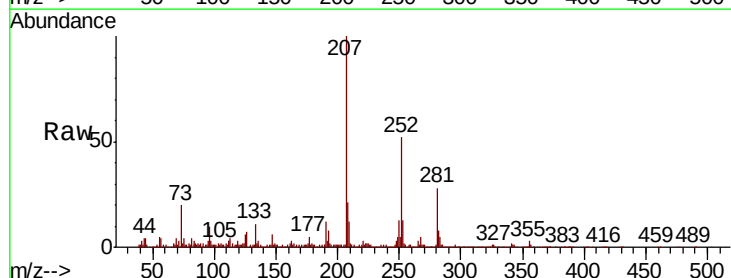
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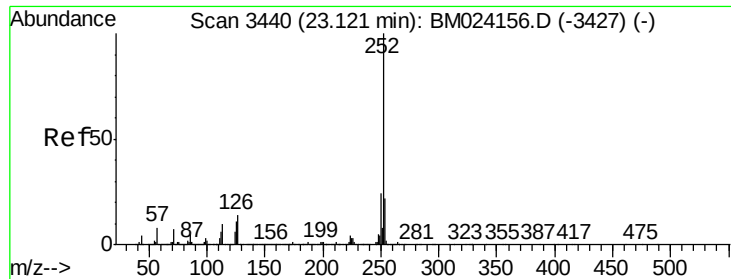
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#89
Benzo(k)fluoranthene
Concen: 1.548 ng/ul m
RT: 22.61 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170885		
253	24.5	17.8	26.8	
125	11.7	7.9	11.9	





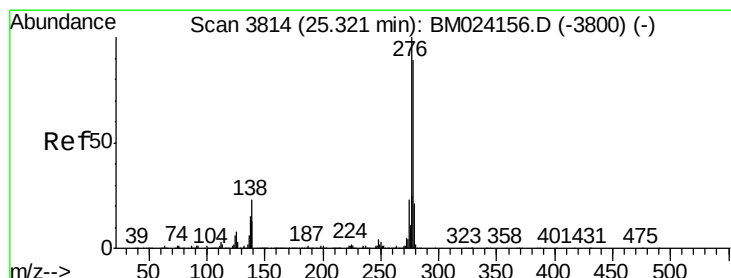
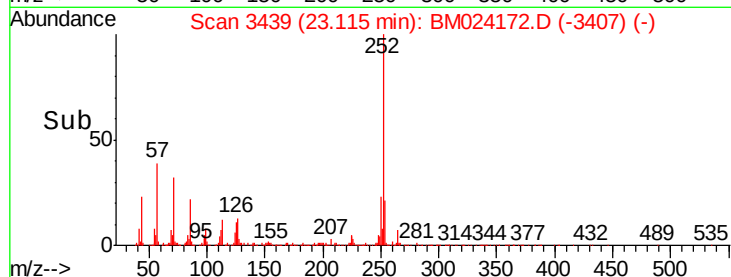
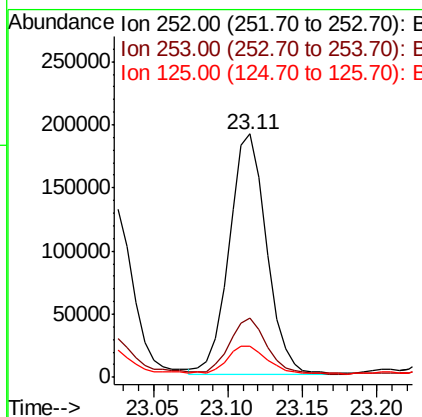
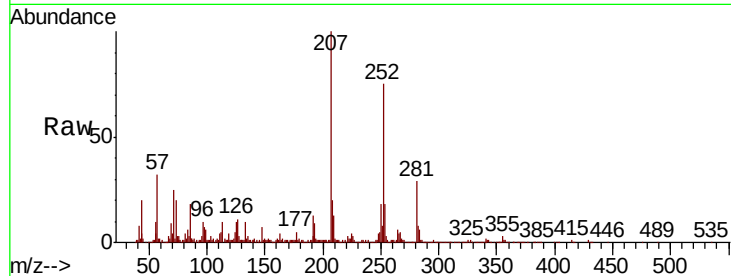
#91
Benzo(a)pyrene
Concen: 3.279 ng/ul
RT: 23.11 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampled :
C0BY9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	12.7	8.2	12.4

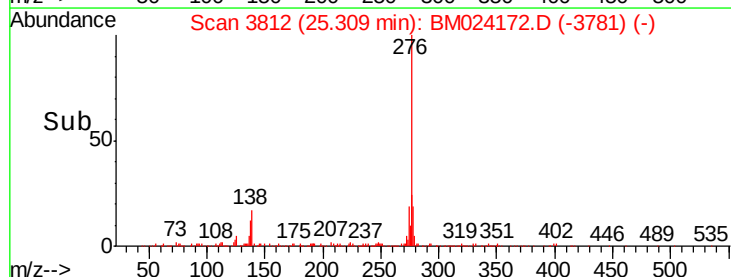
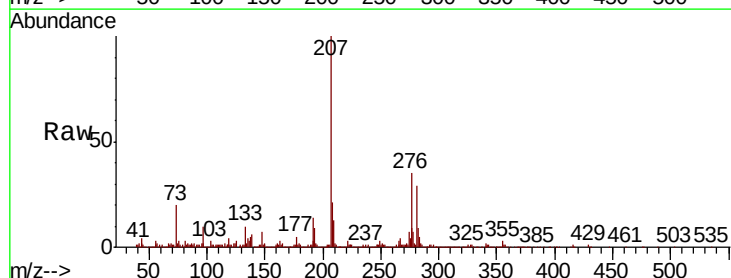
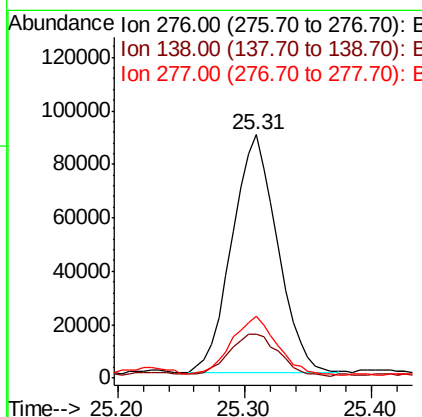
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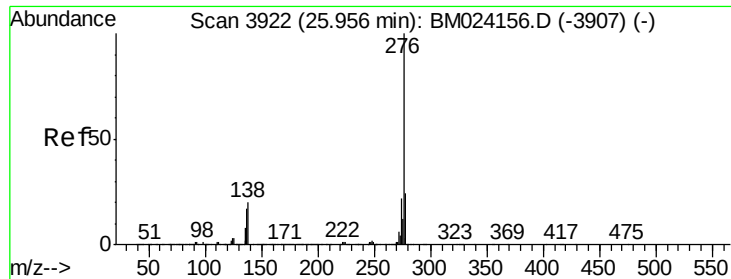
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.817 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	18.3	27.5
277	25.3	20.2	30.2





#94
 Benzo(a,h,i)perylene
 Concen: 2.120 ng/ul
 RT: 25.95 min Scan# 3921
 Delta R.T. -0.02 min
 Lab File: BM024172.D
 Acq: 19 Dec 2019 02:57

Instrument :
 BNA_M
 ClientSampleId :
 C0BY9

Tot Ion:	276	Resp:	211455
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.3	22.9
277	26.1	19.3	28.9

Manual Integrations
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