

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024875.D
 Acq On : 14 Feb 2020 03:57
 Operator : CG/JU
 Sample : L1404-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W4

Manual Integrations
 APPROVED

Quant Time: Feb 14 08:00:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 07:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	451322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1628172	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	978709	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2007451	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1964592	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2065712	20.00	ng/ul	0.00

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System Monitoring Compounds

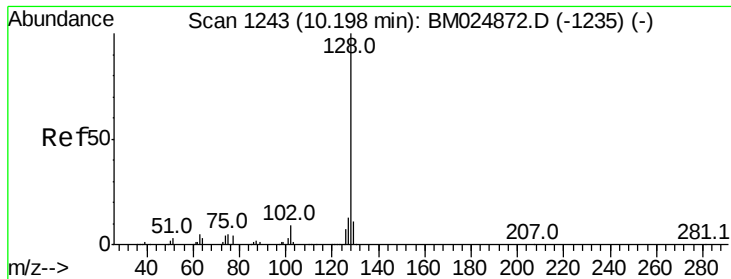
3) 1,4-Dioxane-d8	3.04	96	52716	5.62	ng/uL	0.00
5) Phenol-d5	6.59	99	873157	29.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	549782	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	744944	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	659051	26.05	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	363409m	30.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	434581	31.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	747275	26.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	879901	33.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	2302431	31.17	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2605222	30.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	331974m	27.65	ng/ul	0.00
58) Fluorene-d10	15.04	176	1931433	29.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	355939	27.20	ng/ul	0.00
71) Anthracene-d10	16.90	188	2622051	28.61	ng/ul	0.00
79) Pyrene-d10	19.20	212	3058270	31.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	3268427	31.50	ng/ul	0.00

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Target Compounds

					Ovalue
28) Naphthalene	10.19	128	132243	1.590 ng/ul	98
54) Dibenzofuran	14.45	168	89987	1.000 ng/ul	99
59) Fluorene	15.10	166	90859	1.225 ng/ul	99
70) Phenanthrene	16.84	178	1364154	12.463 ng/ul	99
72) Anthracene	16.93	178	199970	1.801 ng/ul	100
77) Fluoranthene	18.87	202	1924720	14.324 ng/ul#	96
80) Pyrene	19.23	202	1616555	12.431 ng/ul	96
83) Benzo(a)anthracene	21.00	228	835943	6.317 ng/ul	98
85) Chrysene	21.04	228	839644	6.445 ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	1066844	8.122 ng/ul#	99
89) Benzo(k)fluoranthene	22.53	252	381799	3.020 ng/ul#	97
91) Benzo(a)pyrene	23.02	252	682857	5.798 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	475947	3.246 ng/ul	96
93) Dibenzo(a,h)anthracene	25.16	278	139395	1.116 ng/ul#	94
94) Benzo(g,h,i)perylene	25.77	276	426195	3.495 ng/ul	98

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

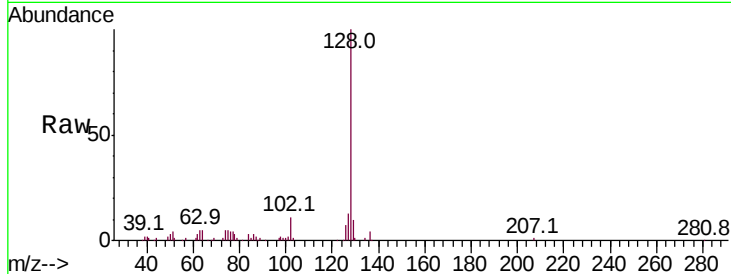


#28
Naphthalene
Concen: 1.590 ng/ul
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Instrument :
BNA_M
ClientSampleId :
CB6W4

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.1	13.7
127	13.4	10.4	15.6

Manual Integrations
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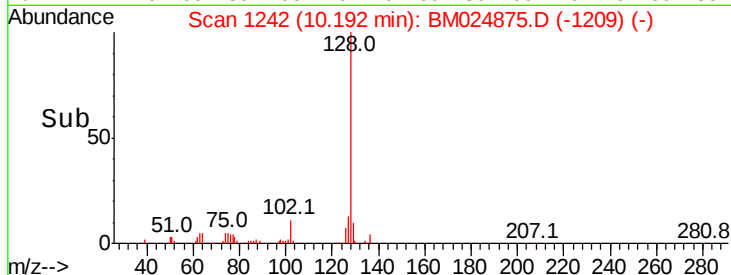
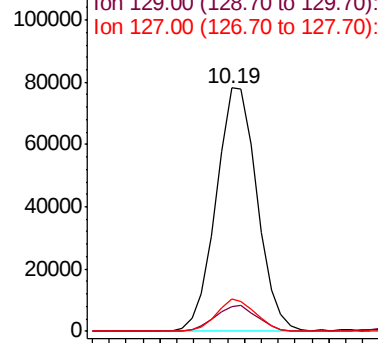


Abundance

Ion 128.00 (127.70 to 128.70): E

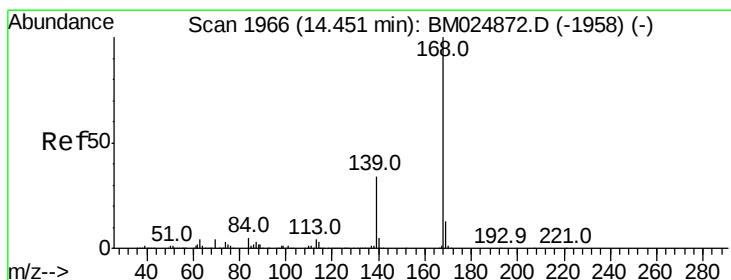
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



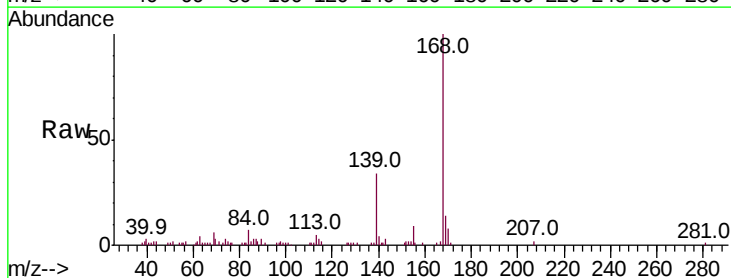
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#54
Dibenzofuran
Concen: 1.000 ng/ul
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

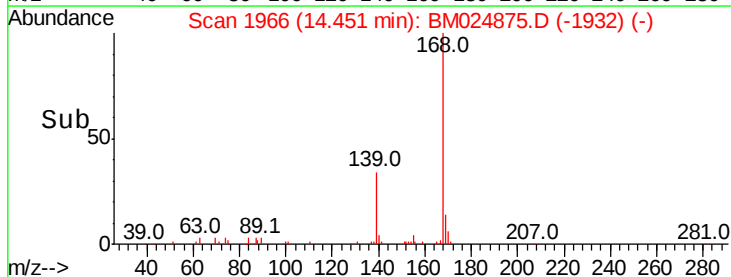
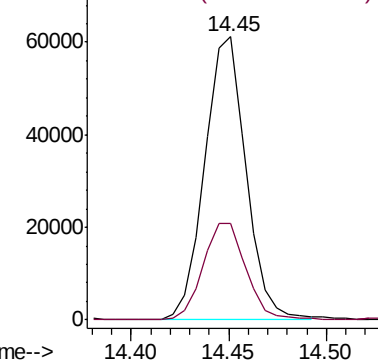
Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.8	41.8

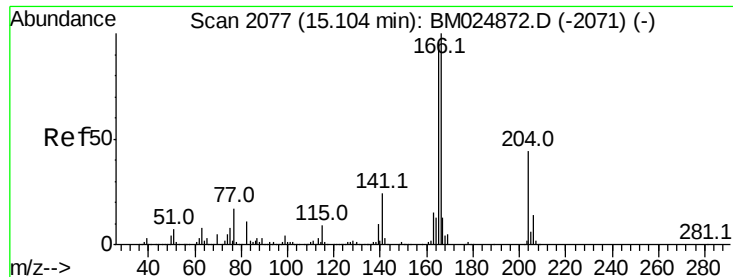


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



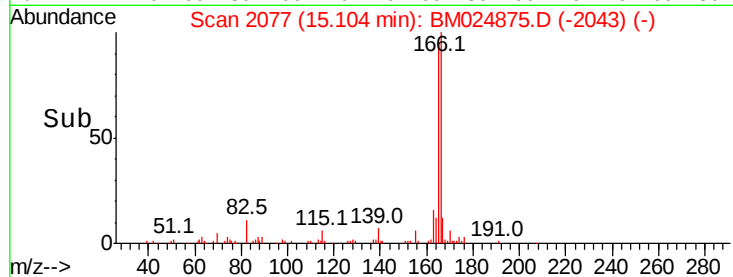
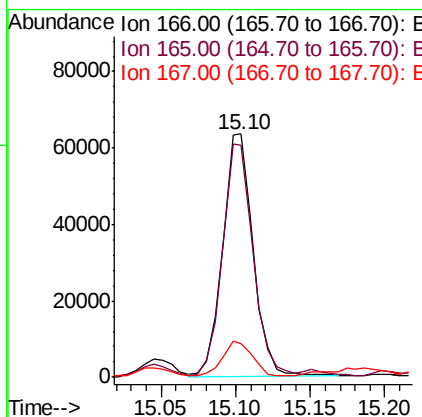
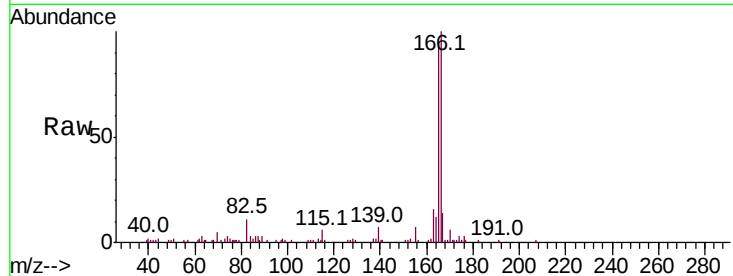


#59
Fluorene
Concen: 1.225 ng/ul
RT: 15.10 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Instrument :
BNA_M
ClientSampled :
CB6W4

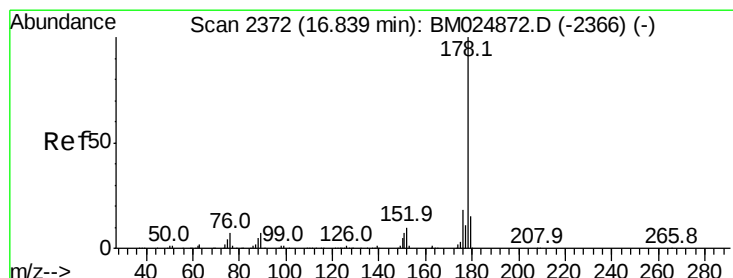
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	75.8	113.8
167	13.8	10.6	16.0

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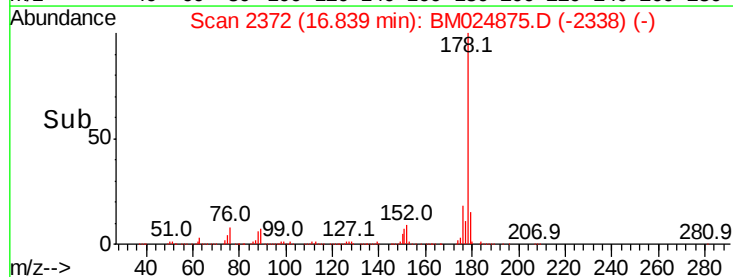
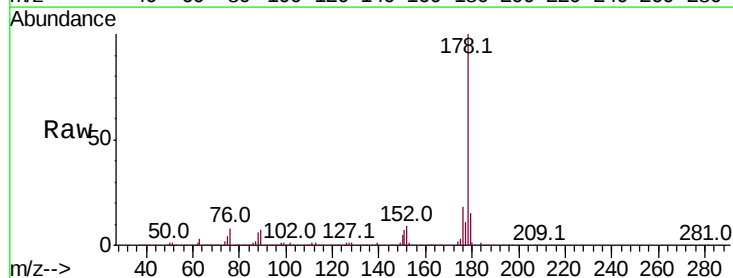
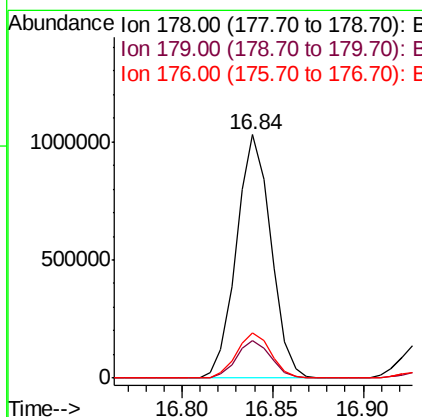
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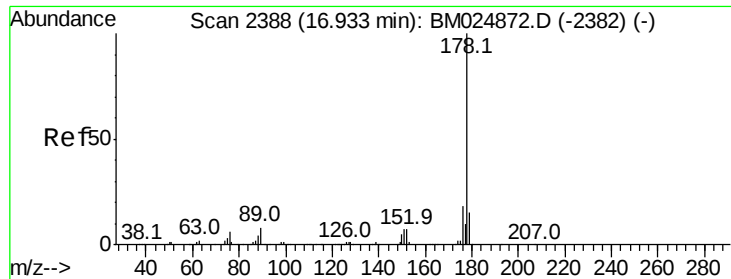
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#70
Phenanthrene
Concen: 12.463 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.4	14.5	21.7





#72

Anthracene

Concen: 1.801 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM024875.D

Acq: 14 Feb 2020 03:57

Instrument :

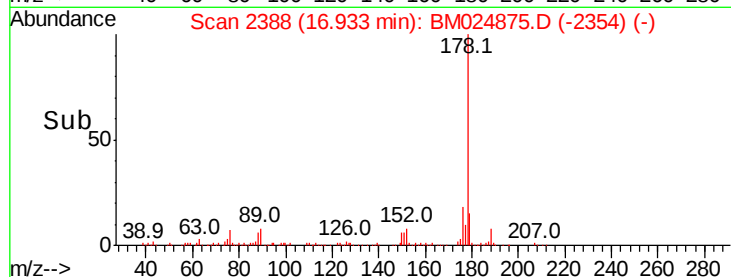
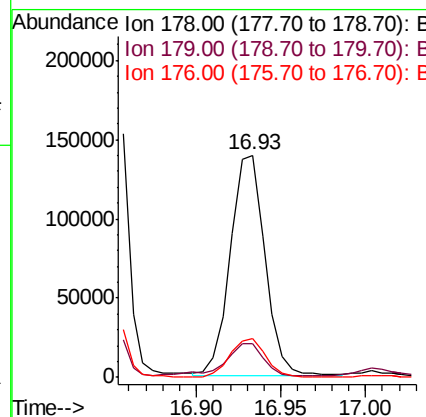
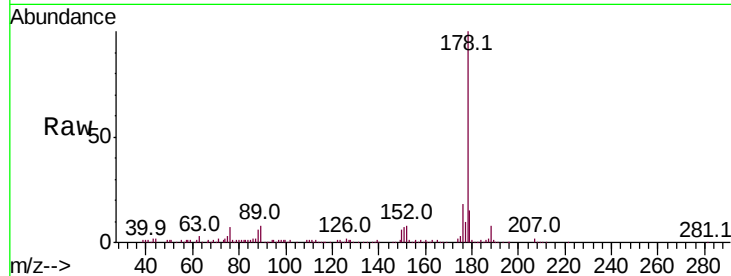
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ClientSampleId :

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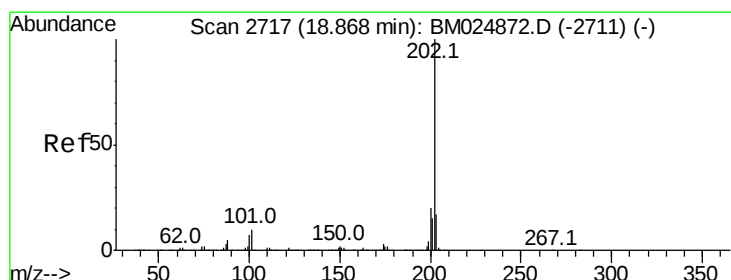
Tot Ion:	178	Resp:	199970
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.7	14.1	21.1

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#77

Fluoranthene

Concen: 14.324 ng/ul

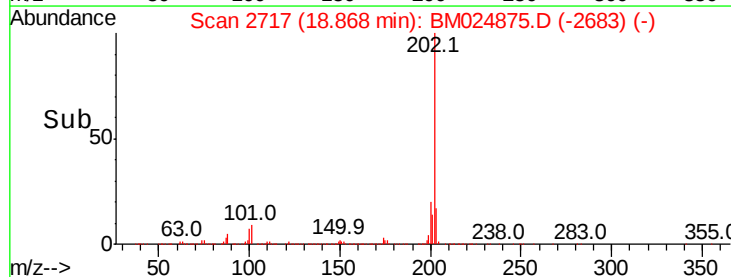
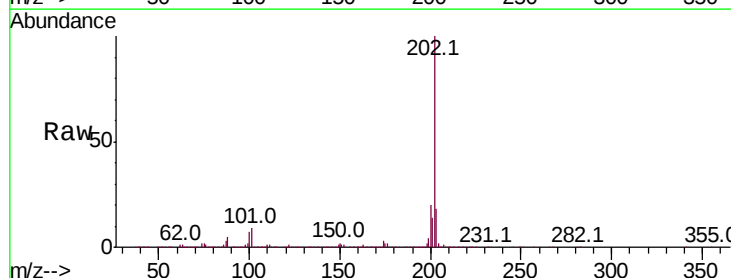
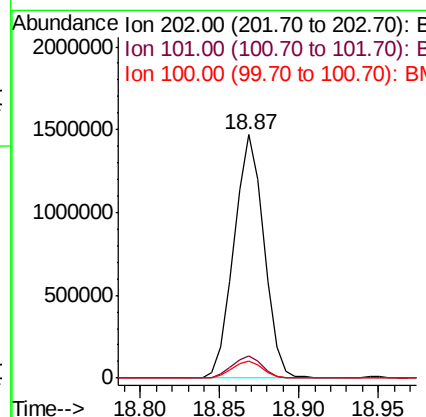
RT: 18.87 min Scan# 2717

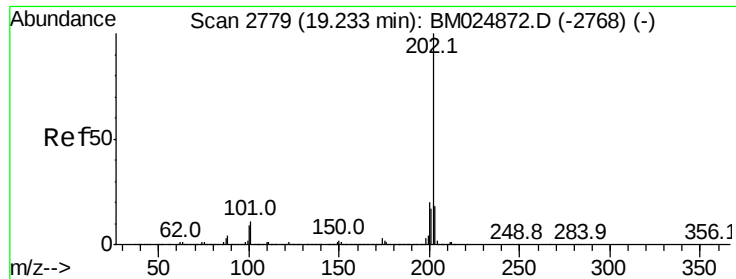
Delta R.T. 0.00 min

Lab File: BM024875.D

Acq: 14 Feb 2020 03:57

Tgt Ion:	202	Resp:	1924720
Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.1	9.1#
100	7.1	4.8	7.2



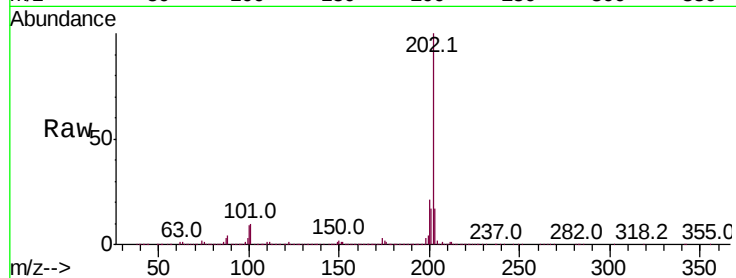


#80
Pvrene
Concen: 12.431 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

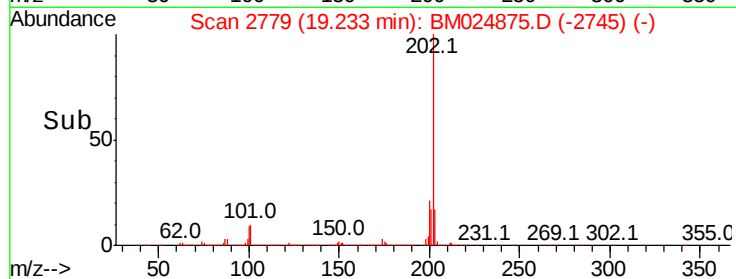
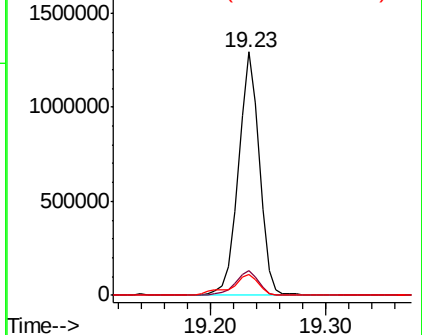
Instrument :
BNA_M
ClientSampleId :
CB6W4

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.0	10.4
100	8.7	5.8	8.8

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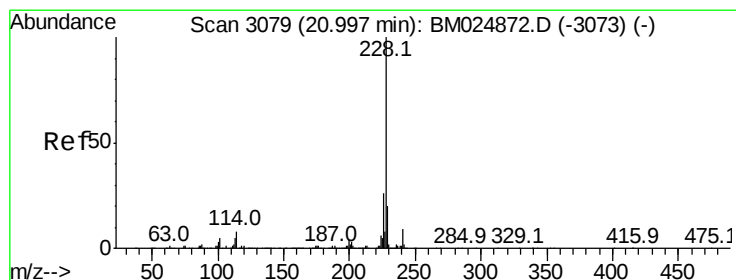


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



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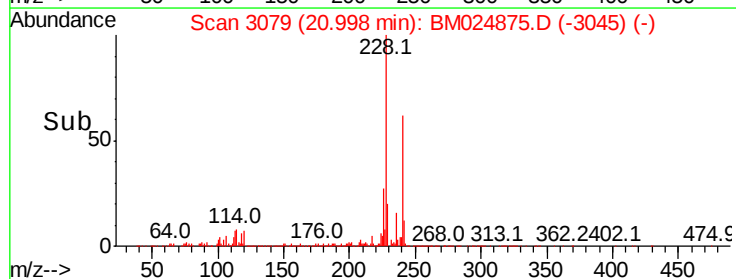
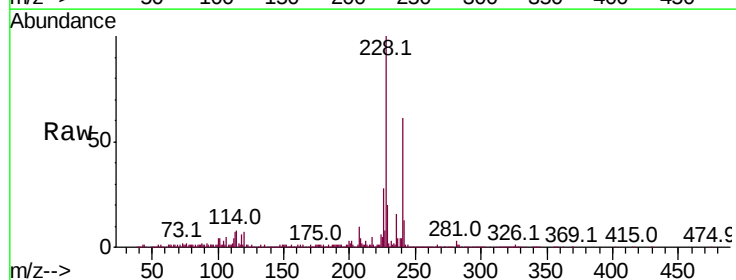
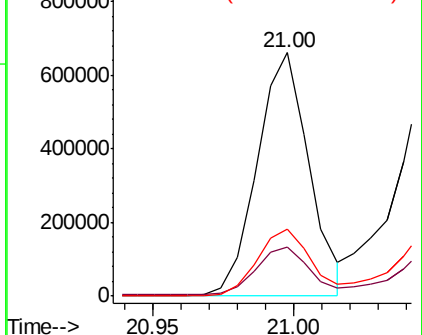
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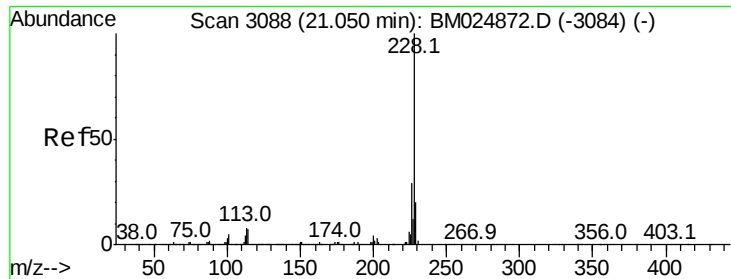


#83
Benzo(a)anthracene
Concen: 6.317 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.6	20.8	31.2

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



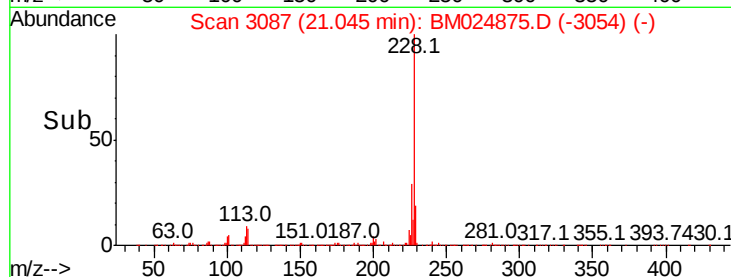
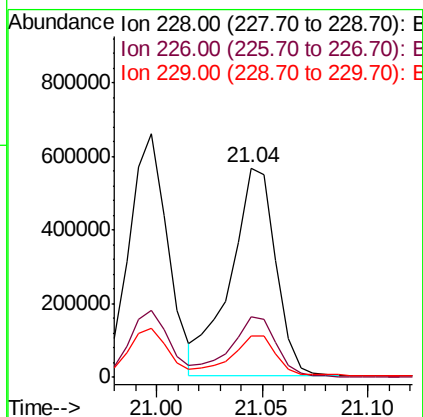
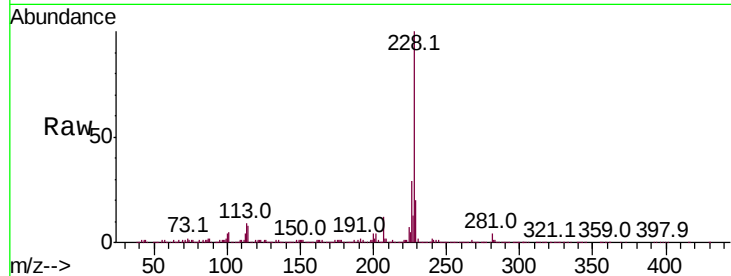


#85
Chrysene
Concen: 6.445 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Instrument :
BNA_M
ClientSampleId :
CB6W4

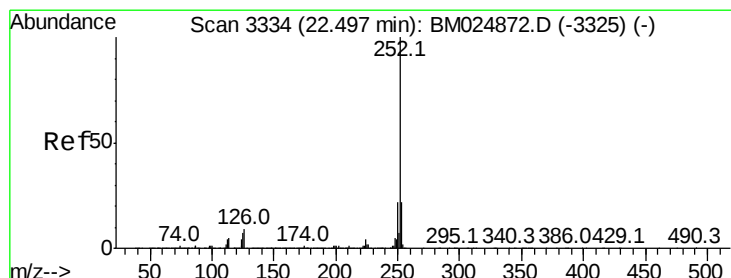
Tot Ion:	228	Resp:	839644
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.0	34.4
229	19.7	15.8	23.8

Manual Integrations
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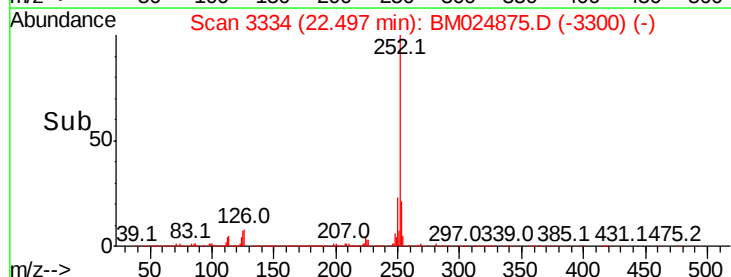
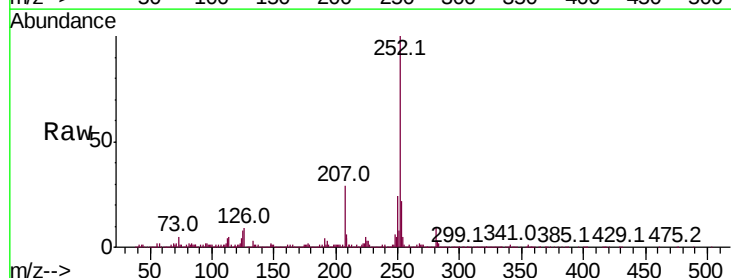
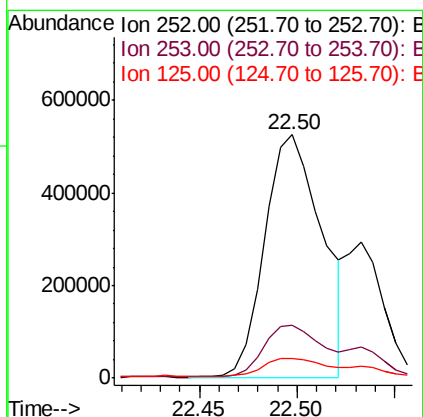
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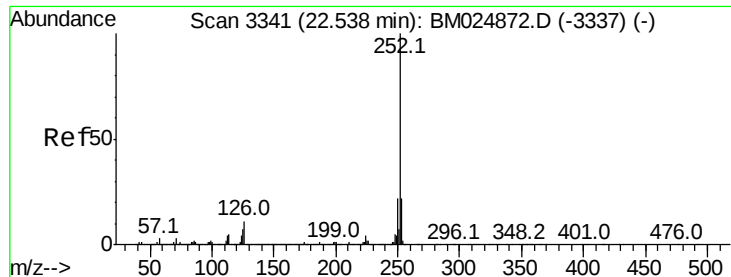
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#88
Benzo(b)fluoranthene
Concen: 8.122 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Tgt Ion:	252	Resp:	1066844
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.8	5.1	7.7#



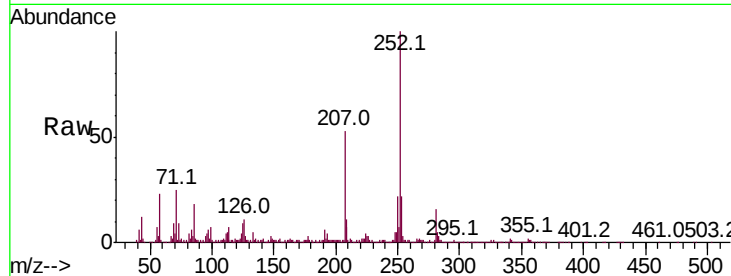


#89
Benzo(k)fluoranthene
Concen: 3.020 ng/ul
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Instrument :
BNA_M
ClientSampleId :
CB6W4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.6	5.1	7.7

Manual Integrations
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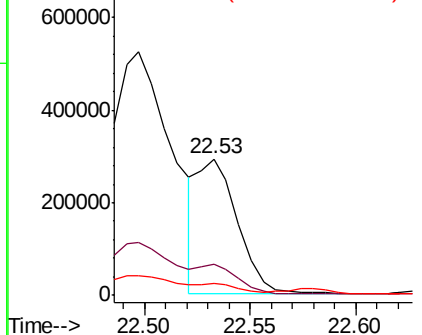


Abundance

Ion 252.00 (251.70 to 252.70): E

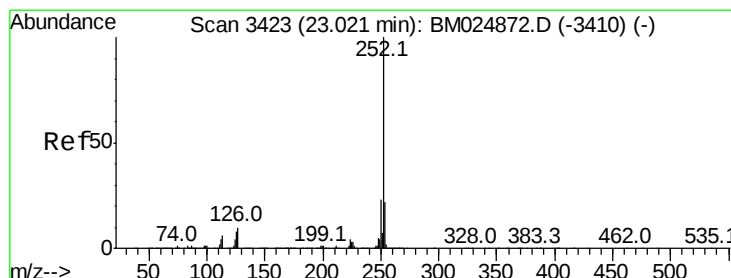
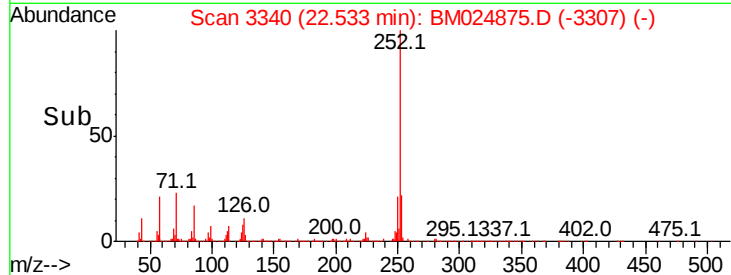
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#91
Benzo(a)pyrene
Concen: 5.798 ng/ul
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

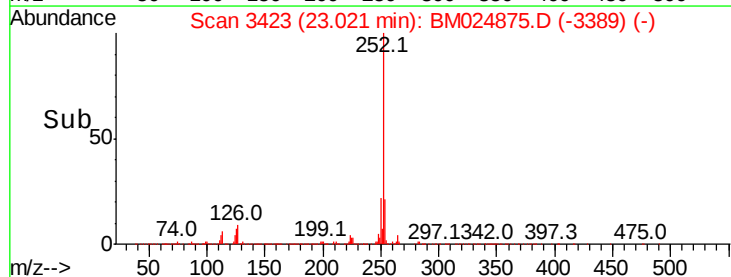
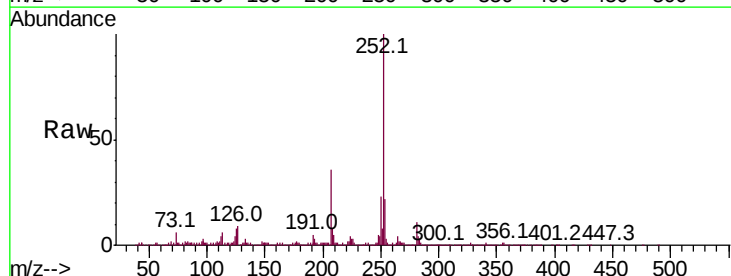
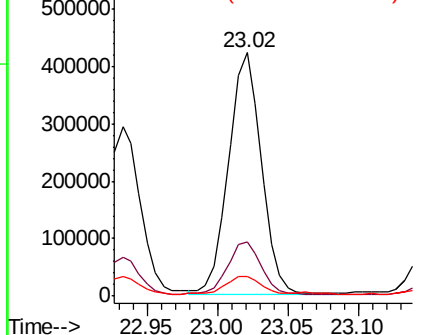
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	7.9	5.6	8.4

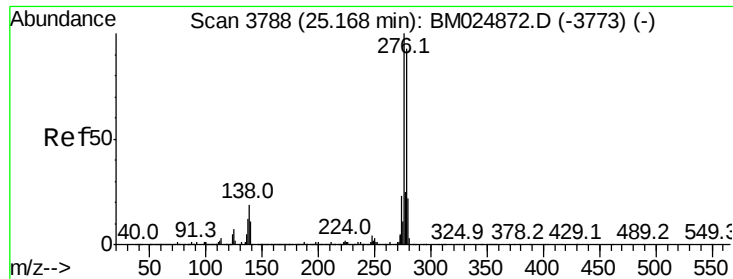
Abundance

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



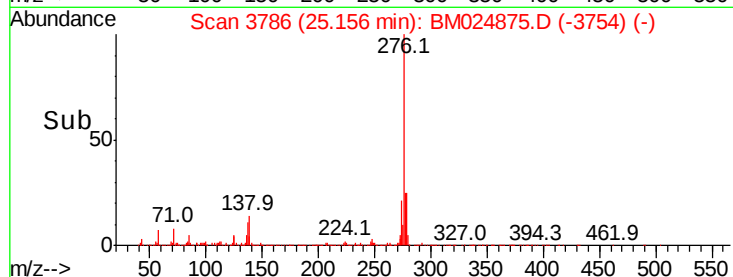
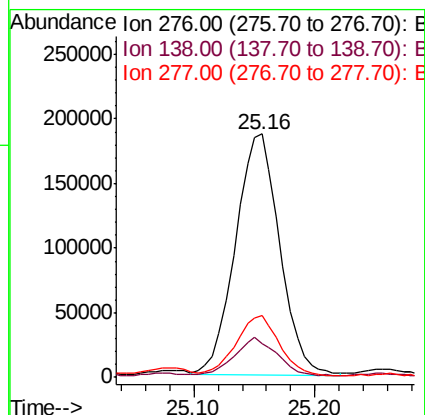
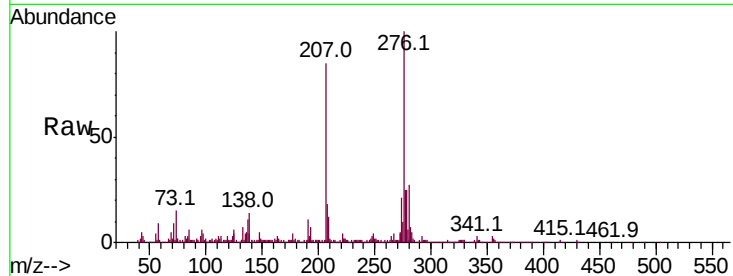


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.246 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Instrument :
BNA_M
ClientSampleId :
CB6W4

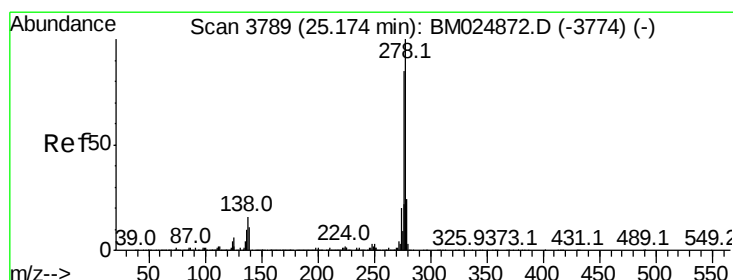
Tot Ion:	276	Resp:	475947
Ion Ratio	Lower	Upper	
276	100		
138	13.9	12.8	19.2
277	25.4	19.3	28.9

Manual Integrations
APPROVED



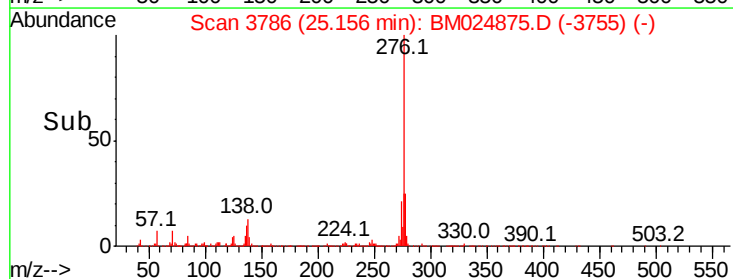
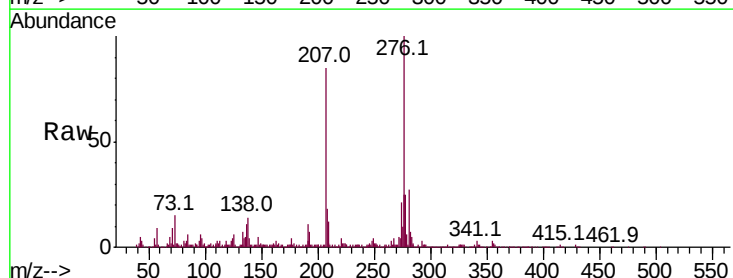
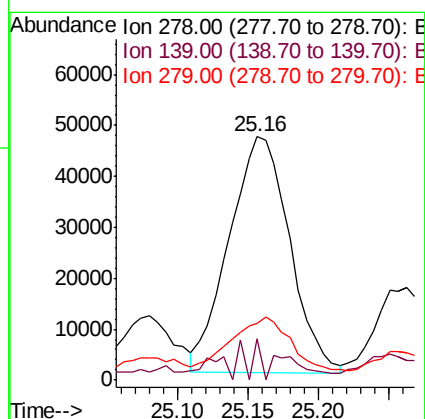
mohammad

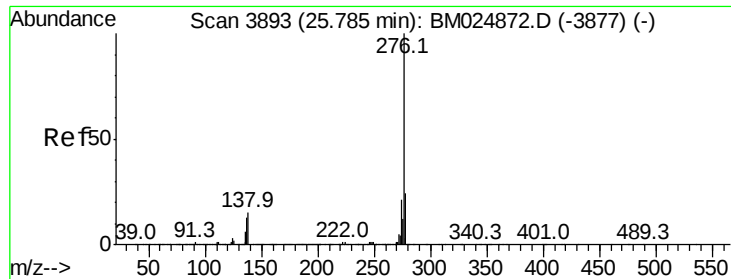
2/17/2020 3:46:43 PM



#93
Dibenzo(a,h)anthracene
Concen: 1.116 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.02 min
Lab File: BM024875.D
Acq: 14 Feb 2020 03:57

Tgt Ion:	278	Resp:	139395
Ion Ratio	Lower	Upper	
278	100		
139	17.0	8.4	12.6#
279	23.3	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 3.495 ng/ul

RT: 25.77 min Scan# 3891

Delta R.T. -0.01 min

Lab File: BM024875.D

Acq: 14 Feb 2020 03:57

Instrument :

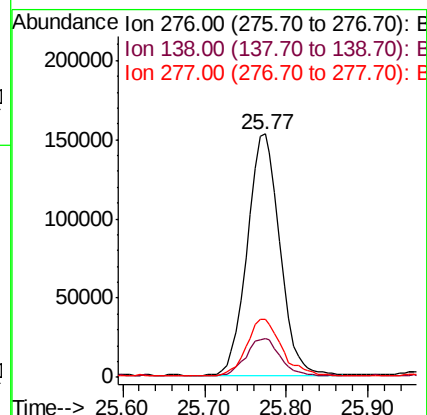
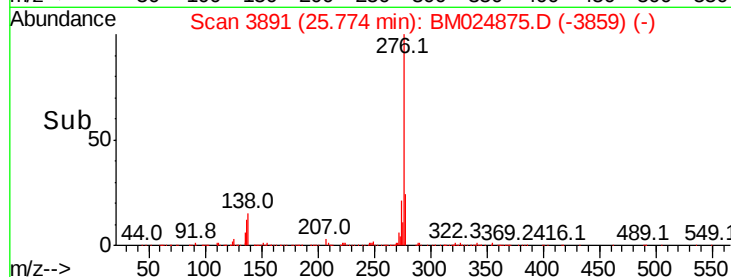
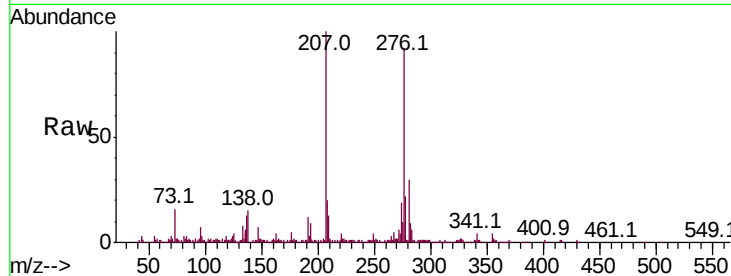
BNA_M

ClientSampleId :

CB6W4

Tot Ion:	276	Resp:	426195
Ion Ratio	Lower	Upper	
276	100		
138	16.2	11.8	17.6
277	24.0	19.0	28.6

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mohammad

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