

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024823.D
 Acq On : 11 Feb 2020 00:05
 Operator : CG/JU
 Sample : L1402-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6M4

Manual Integrations
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mohammad
 2/12/2020 9:50:40 AM

Quant Time: Feb 11 04:49:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	287888	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.16	136	1146955	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.05	164	742375	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.81	188	1591180	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1576994	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1632146	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20870	3.49	ng/uL	0.00
5) Phenol-d5	6.60	99	344433	18.01	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	215406	19.94	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	322953	18.85	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	203340	12.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	160307	19.33	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	187747	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	325482	16.46	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	320844	17.35	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	1096814	19.57	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1289904	19.71	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	127332	13.98	ng/ul	0.00
58) Fluorene-d10	15.06	176	946094	19.07	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	150545	14.51	ng/ul	-0.01
71) Anthracene-d10	16.90	188	1399275	19.26	ng/ul	-0.01
79) Pyrene-d10	19.22	212	1647216	20.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1674106	20.42	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	10.20	128	83164	1.419 ng/ul	99
59) Fluorene	15.11	166	58408	1.039 ng/ul	99
70) Phenanthrene	16.85	178	903730	10.417 ng/ul	99
72) Anthracene	16.94	178	136449	1.551 ng/ul	98
77) Fluoranthene	18.88	202	1284895	12.064 ng/ul	99
80) Pyrene	19.24	202	1095040	10.490 ng/ul	100
83) Benzo(a)anthracene	21.00	228	578434	5.445 ng/ul	98
85) Chrysene	21.06	228	563735	5.390 ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	739048	7.121 ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	219399m	2.196 ng/ul	
91) Benzo(a)pyrene	23.03	252	452478	4.863 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.17	276	317755	2.743 ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	285151	2.960 ng/ul	99

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

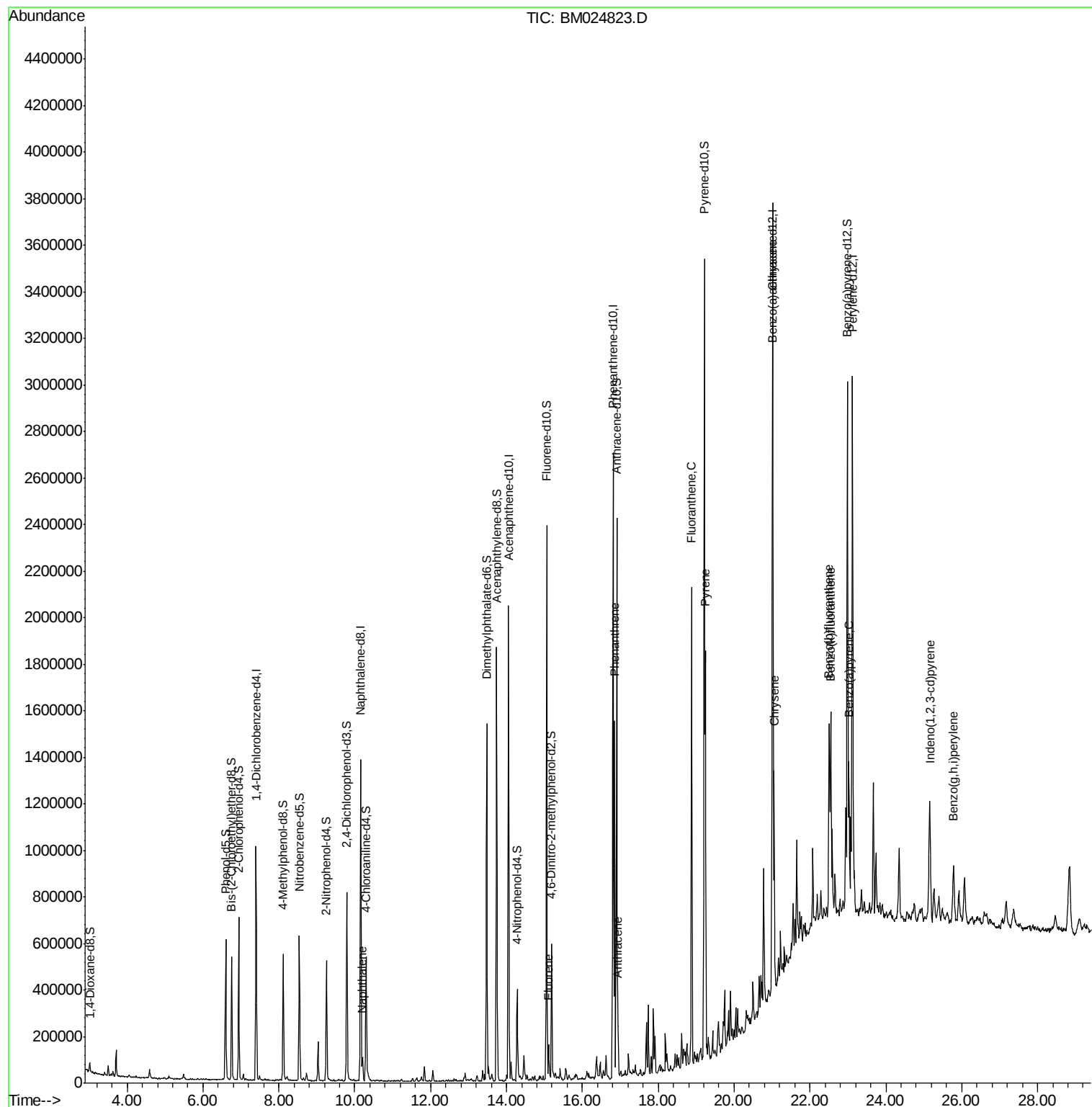
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024823.D
Acq On : 11 Feb 2020 00:05
Operator : CG/JU
Sample : L1402-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

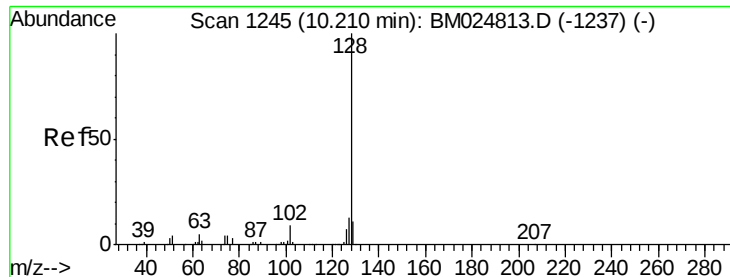
Instrument :
BNA_M
ClientSampled :
CB6M4

Quant Time: Feb 11 04:49:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

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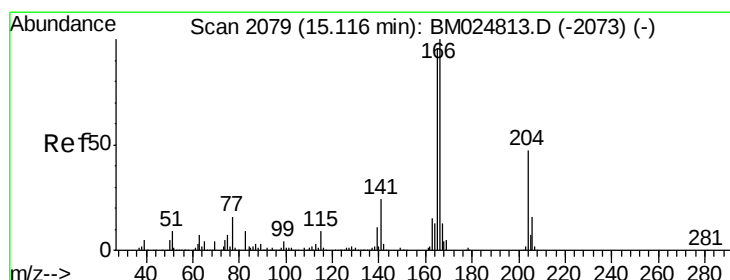
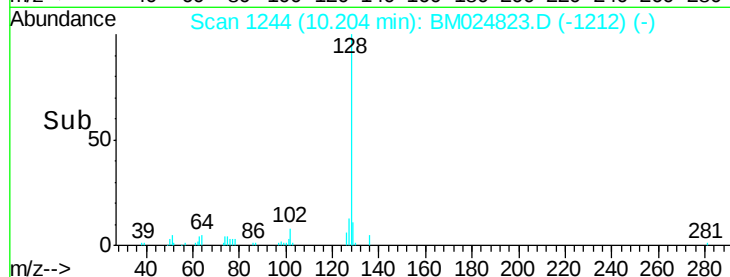
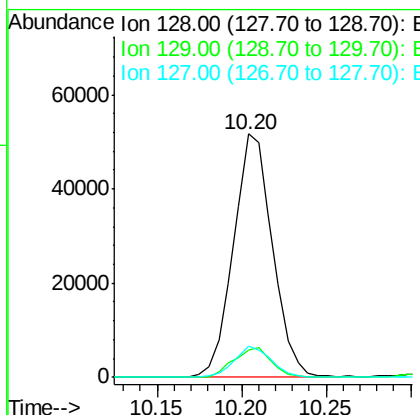
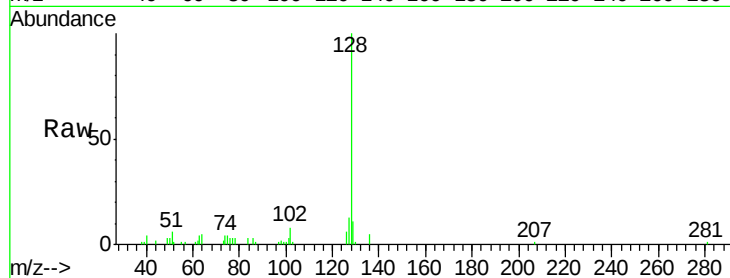
#28
Naphthalene
Concen: 1.419 ng/ul
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Instrument :
BNA_M
ClientSampleId :
CB6M4

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.7	10.4	15.6

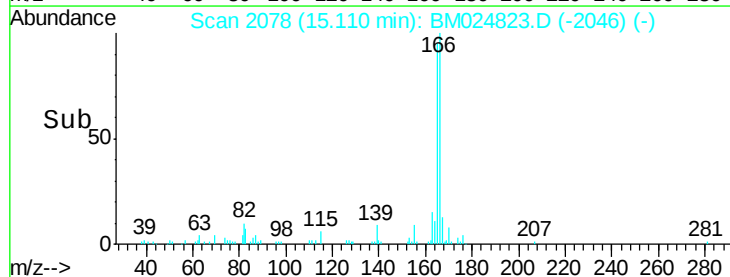
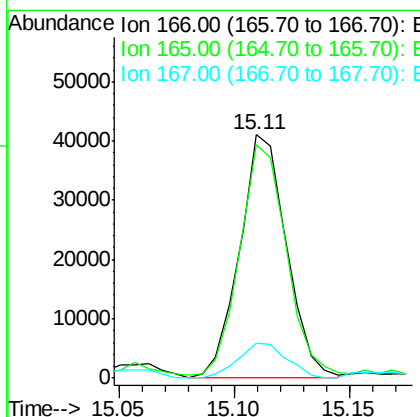
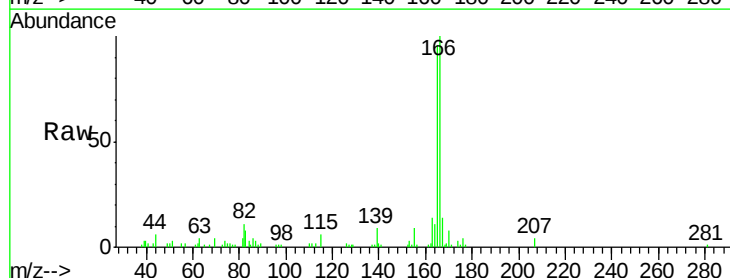
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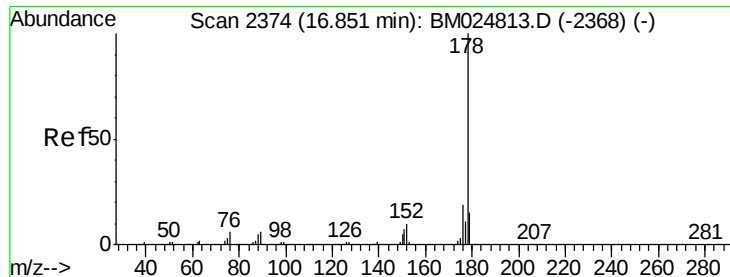
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#59
Fluorene
Concen: 1.039 ng/ul
RT: 15.11 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	75.8	113.8
167	14.3	10.6	16.0





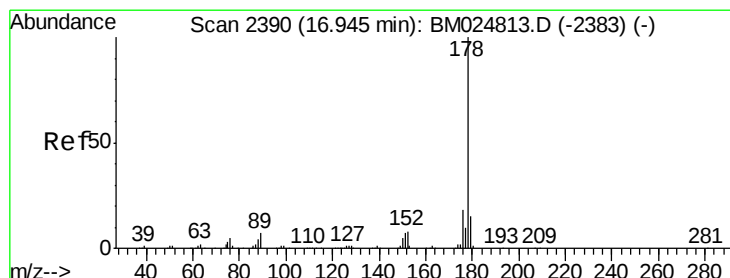
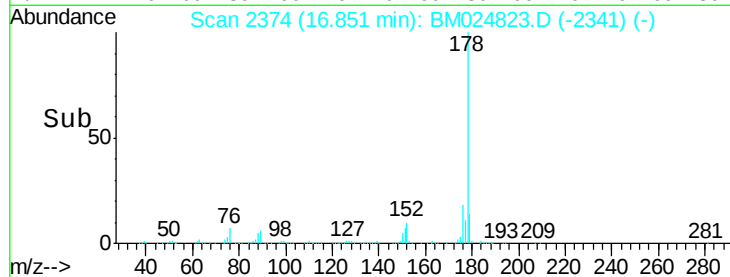
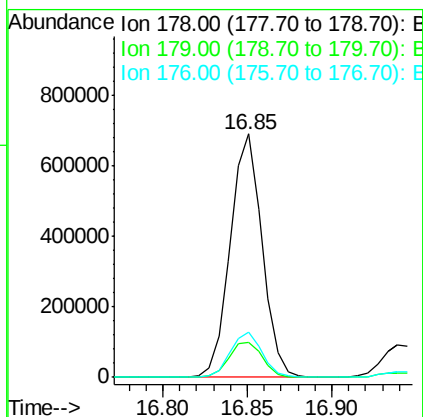
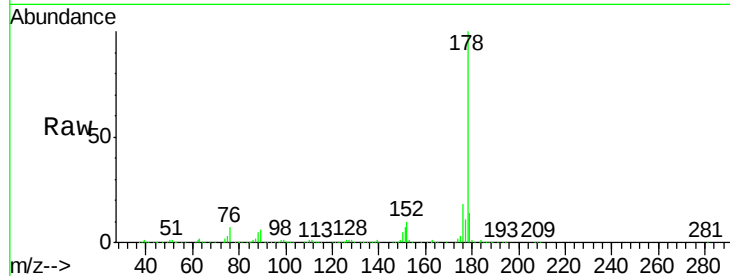
#70
Phenanthrene
Concen: 10.417 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Instrument :
BNA_M
ClientSampleId :
CB6M4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.2
176	18.4	14.5	21.7

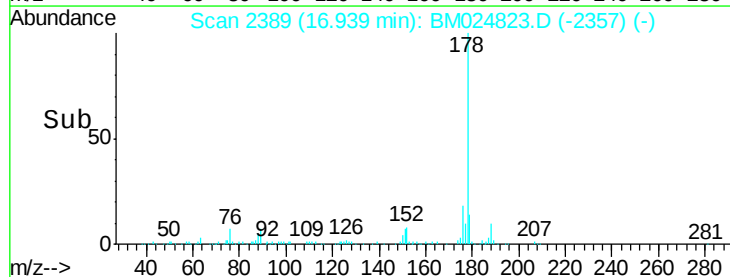
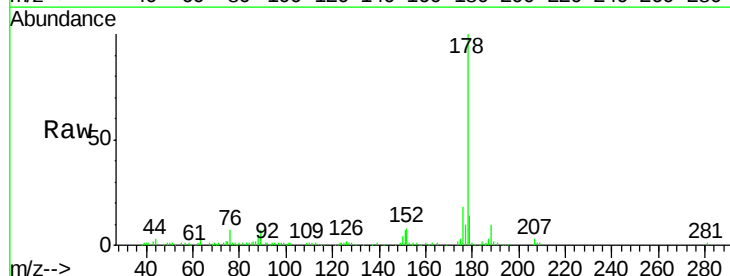
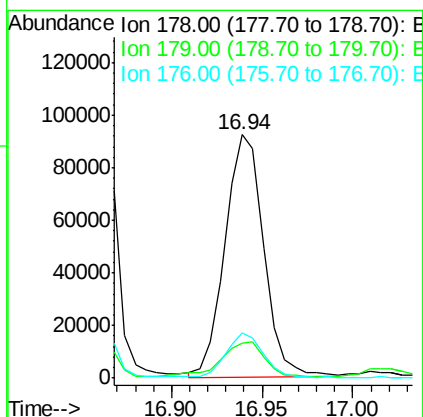
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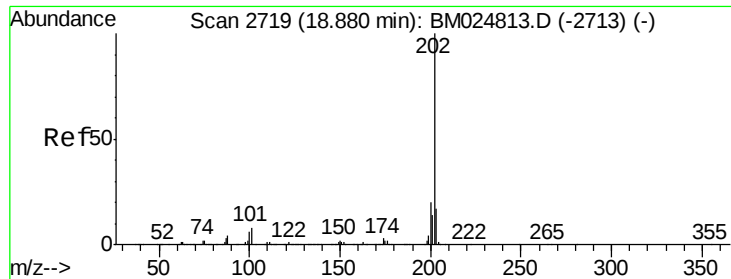
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#72
Anthracene
Concen: 1.551 ng/ul
RT: 16.94 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	18.4	14.1	21.1





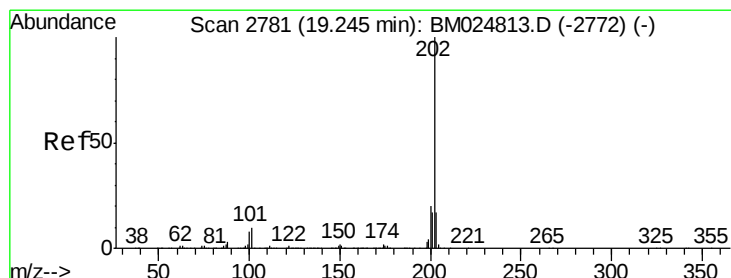
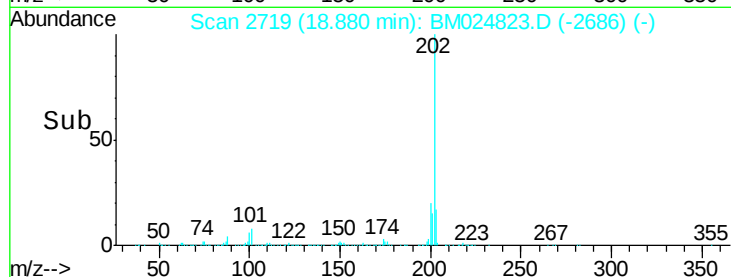
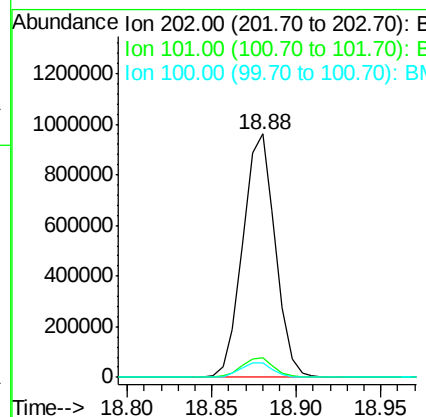
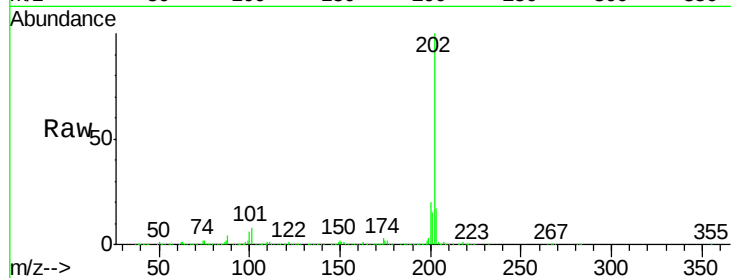
#77
 Fluoranthene
 Concen: 12.064 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024823.D
 Acq: 11 Feb 2020 00:05

Instrument :
 BNA_M
 ClientSampleId :
 CB6M4

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.1	9.1
100	5.8	4.8	7.2

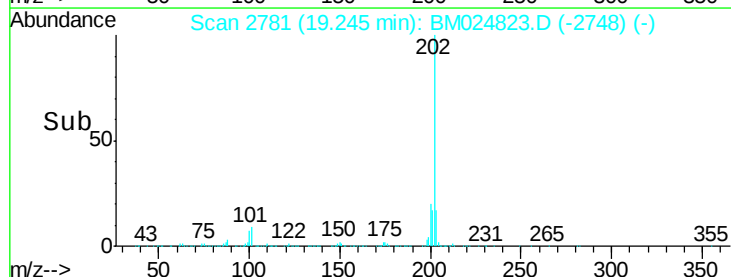
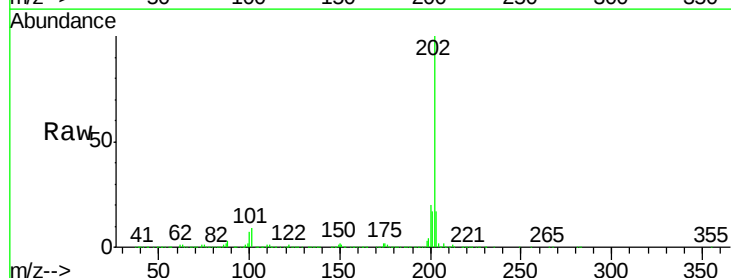
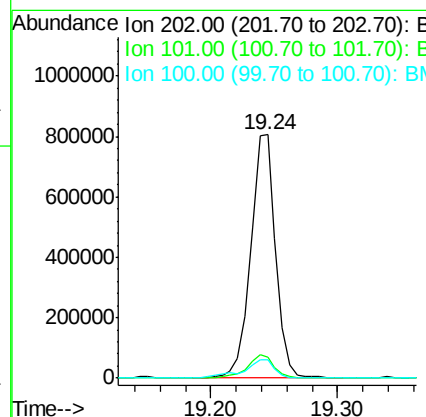
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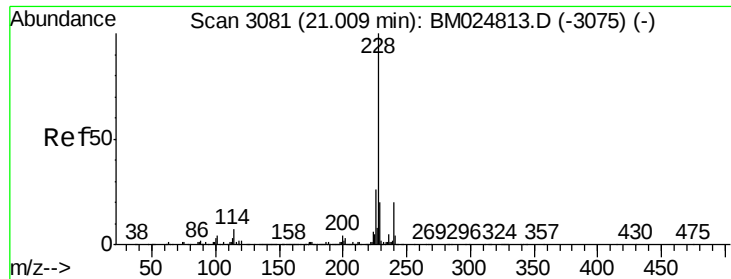
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#80
 Pyrene
 Concen: 10.490 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024823.D
 Acq: 11 Feb 2020 00:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.4	5.8	8.8





#83

Benzo(a)anthracene

Concen: 5.445 ng/ul

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024823.D

Acq: 11 Feb 2020 00:05

Instrument :

BNA_M

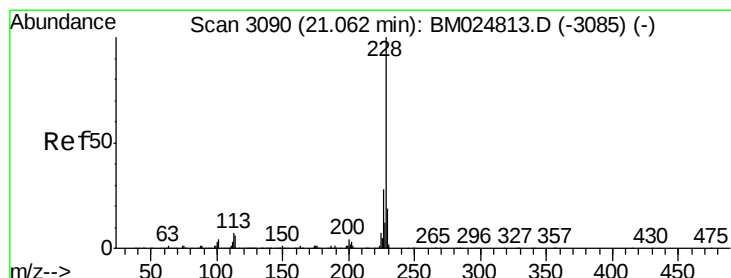
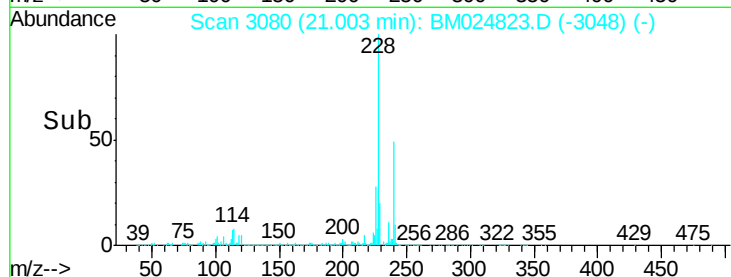
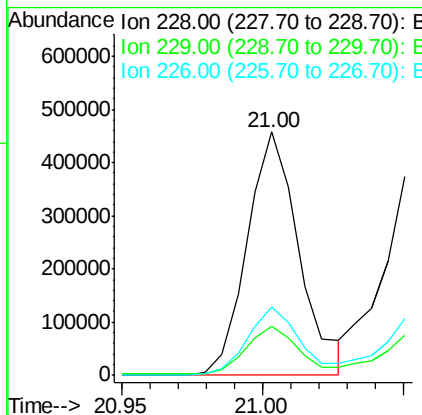
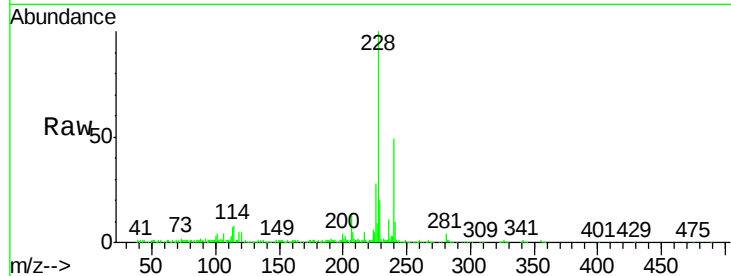
ClientSampleId :

CB6M4

Tot Ion:	228	Resp:	578434
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.9	23.9
226	28.0	20.8	31.2

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#85

Chrysene

Concen: 5.390 ng/ul

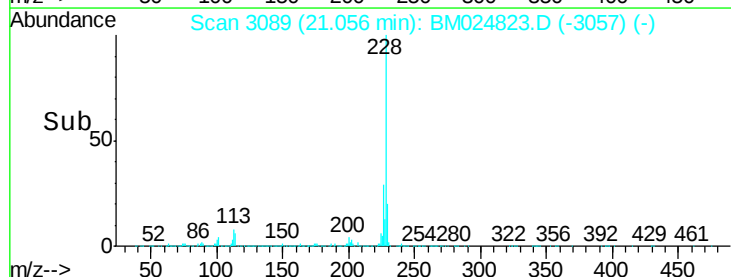
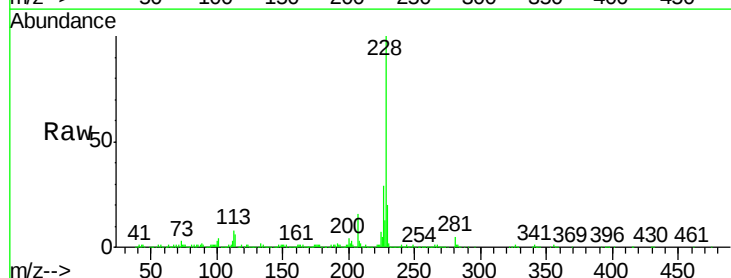
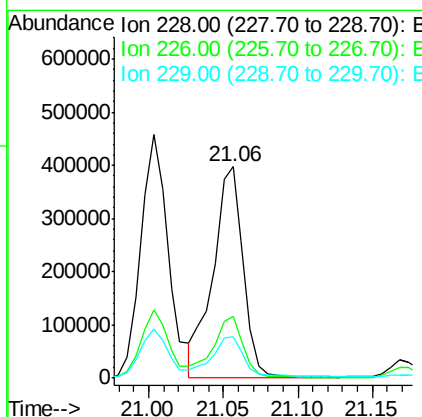
RT: 21.06 min Scan# 3089

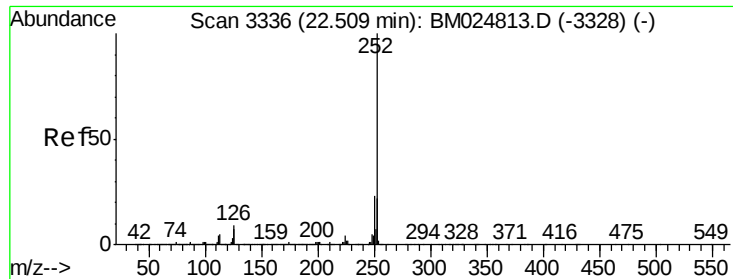
Delta R.T. -0.01 min

Lab File: BM024823.D

Acq: 11 Feb 2020 00:05

Tgt Ion:	228	Resp:	563735
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.4
229	19.9	15.8	23.8





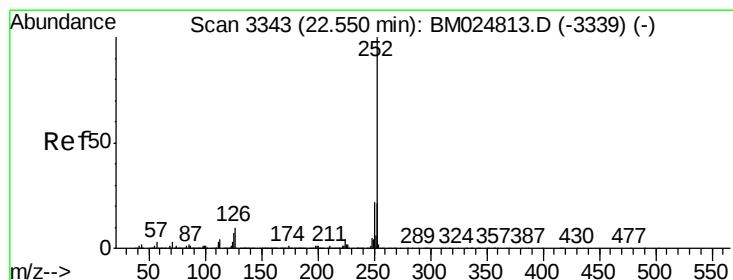
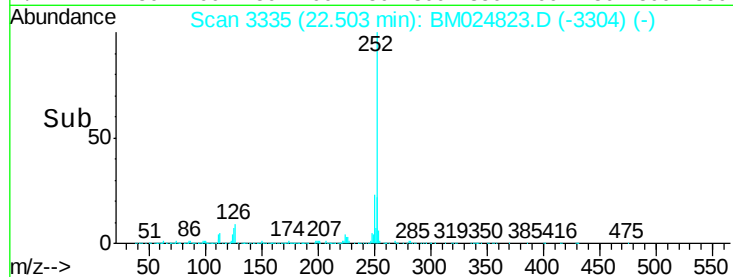
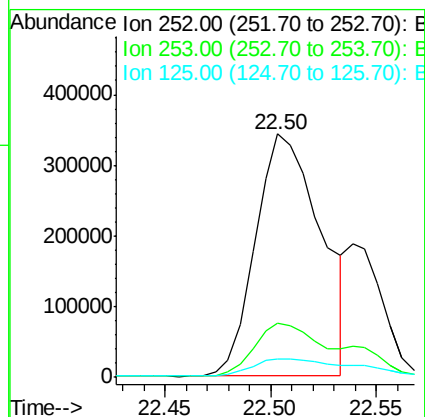
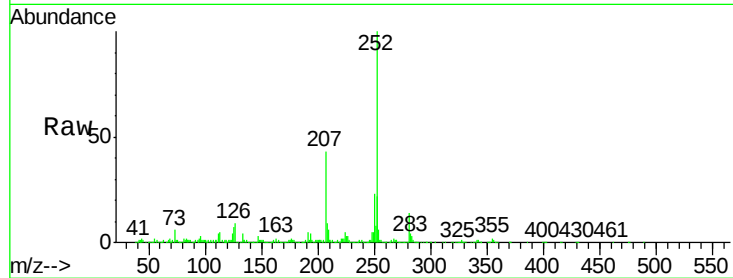
#88
Benzo(b)fluoranthene
Concen: 7.121 ng/ul
RT: 22.50 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Instrument :
BNA_M
ClientSampleId :
CB6M4

Tot Ion:	252	Resp:	739048
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	7.4	5.1	7.7

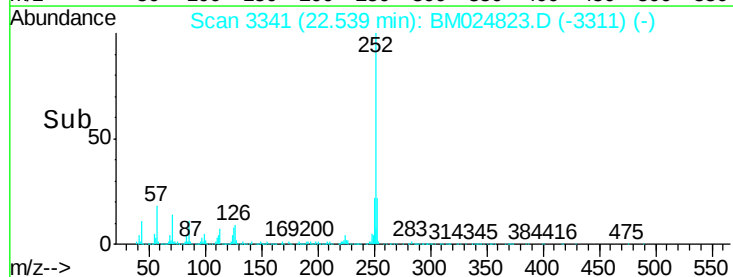
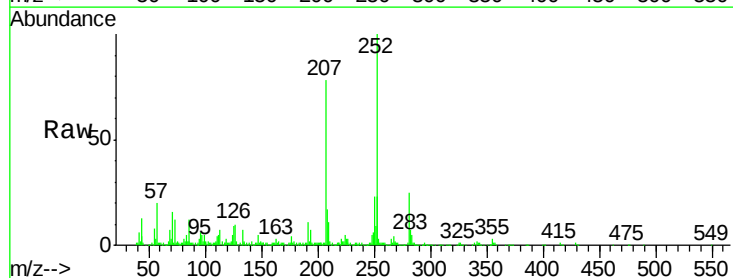
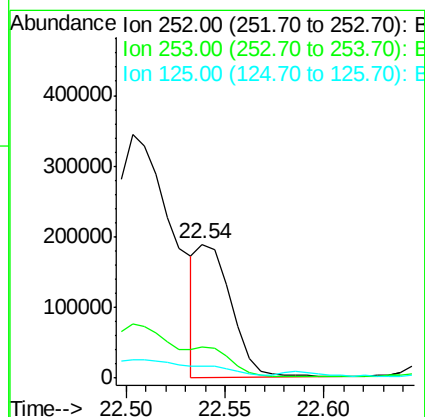
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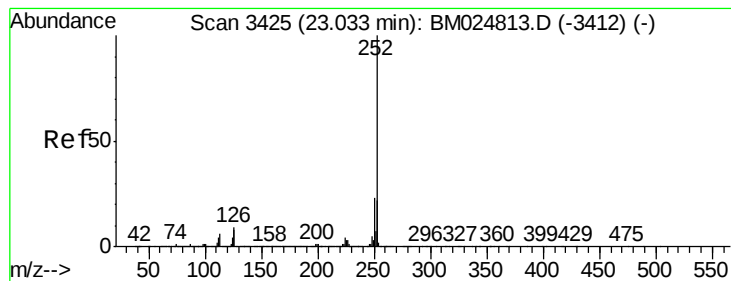
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#89
Benzo(k)fluoranthene
Concen: 2.196 ng/ul m
RT: 22.54 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BM024823.D
Acq: 11 Feb 2020 00:05

Tgt Ion:	252	Resp:	219399
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	8.8	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 4.863 ng/ul

RT: 23.03 min Scan# 3424

Delta R.T. -0.02 min

Lab File: BM024823.D

Acq: 11 Feb 2020 00:05

Instrument :

BNA_M

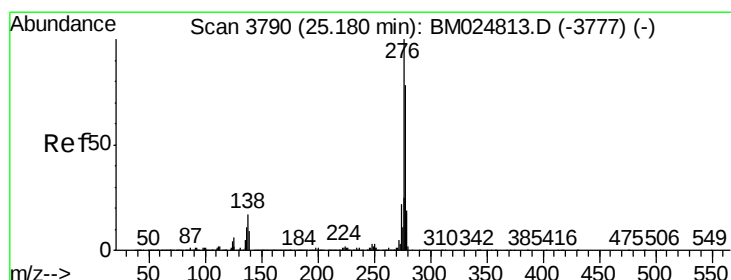
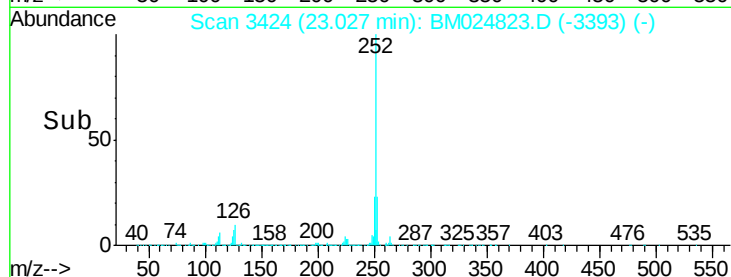
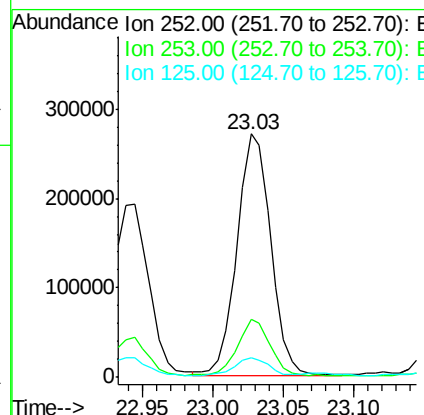
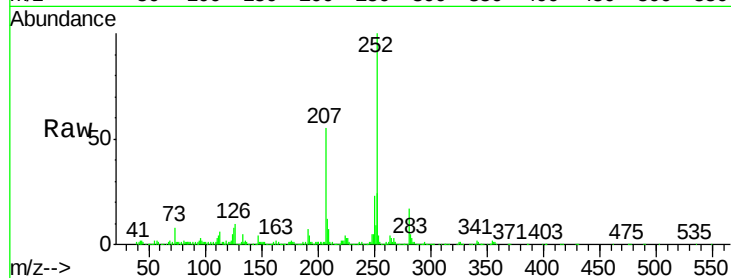
ClientSampleId :

CB6M4

Tot Ion:	252	Resp:	452478
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	8.0	5.6	8.4

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.743 ng/ul

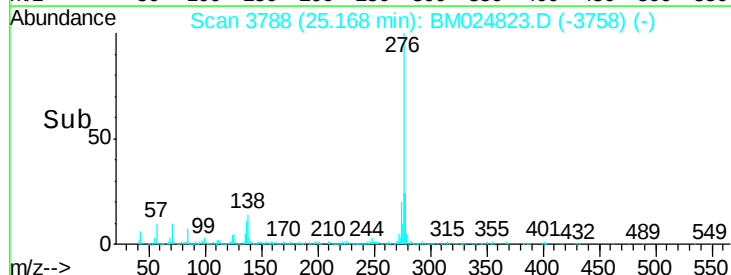
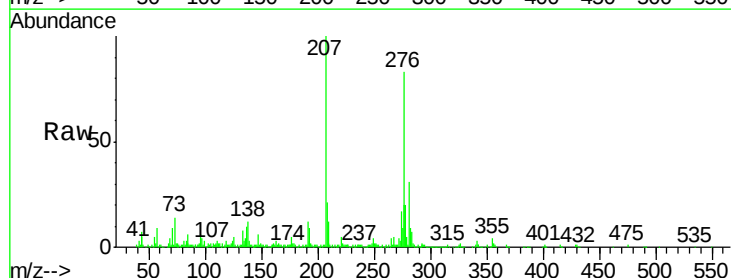
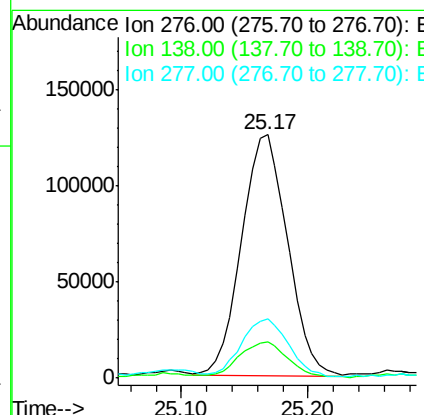
RT: 25.17 min Scan# 3788

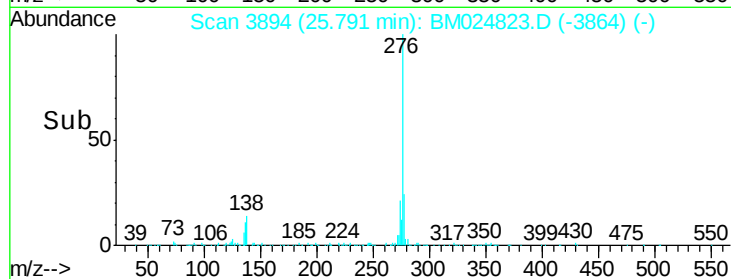
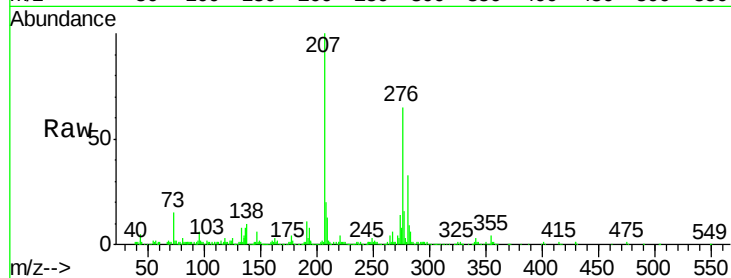
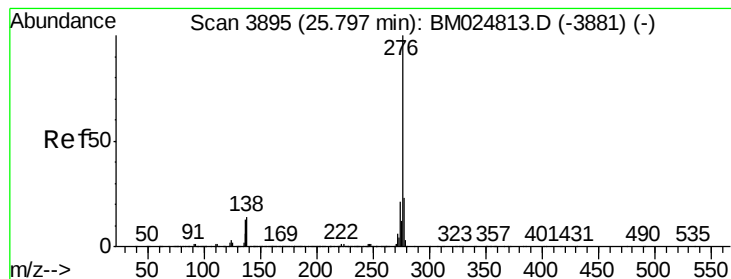
Delta R.T. -0.02 min

Lab File: BM024823.D

Acq: 11 Feb 2020 00:05

Tgt Ion:	276	Resp:	317755
Ion Ratio	Lower	Upper	
276	100		
138	14.6	12.8	19.2
277	24.1	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 2.960 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM024823.D

Acq: 11 Feb 2020 00:05

Instrument :

BNA_M

ClientSampleId :

CB6M4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	285151		
138	14.9		11.8	17.6
277	24.7		19.0	28.6

Manual Integrations
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