

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024876.D
 Acq On : 14 Feb 2020 04:33
 Operator : CG/JU
 Sample : L1404-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W5

Manual Integrations
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Quant Time: Feb 14 08:03:12 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	291928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1074175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	649215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1343274	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1296148	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1366057	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	36274	5.98	ng/uL	0.00
5) Phenol-d5	6.59	99	535916	27.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	353776	32.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	470542	27.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	314991	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	227583	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	261486	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	436656	23.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	483915	27.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1373703	28.03	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1530241	26.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	188077	23.62	ng/ul	0.00
58) Fluorene-d10	15.05	176	1138103	26.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	200689	22.92	ng/ul	0.00
71) Anthracene-d10	16.90	188	1597467	26.05	ng/ul	0.00
79) Pyrene-d10	19.20	212	1827576	28.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	1870371	27.26	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.84	178	708817	9.678	ng/ul	99
72) Anthracene	16.93	178	116135	1.563	ng/ul	99
77) Fluoranthene	18.87	202	1062094	11.813	ng/ul	97
80) Pyrene	19.23	202	949000	11.061	ng/ul#	96
83) Benzo(a)anthracene	21.00	228	532586	6.100	ng/ul	99
85) Chrysene	21.04	228	532552	6.196	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	695186	8.003	ng/ul#	98
89) Benzo(k)fluoranthene	22.53	252	239574m	2.865	ng/ul	
91) Benzo(a)pyrene	23.02	252	436154	5.600	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	324907	3.351	ng/ul	98
93) Dibenzo(a,h)anthracene	25.16	278	95357	1.154	ng/ul#	90
94) Benzo(g,h,i)perylene	25.77	276	250015	3.101	ng/ul	98

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

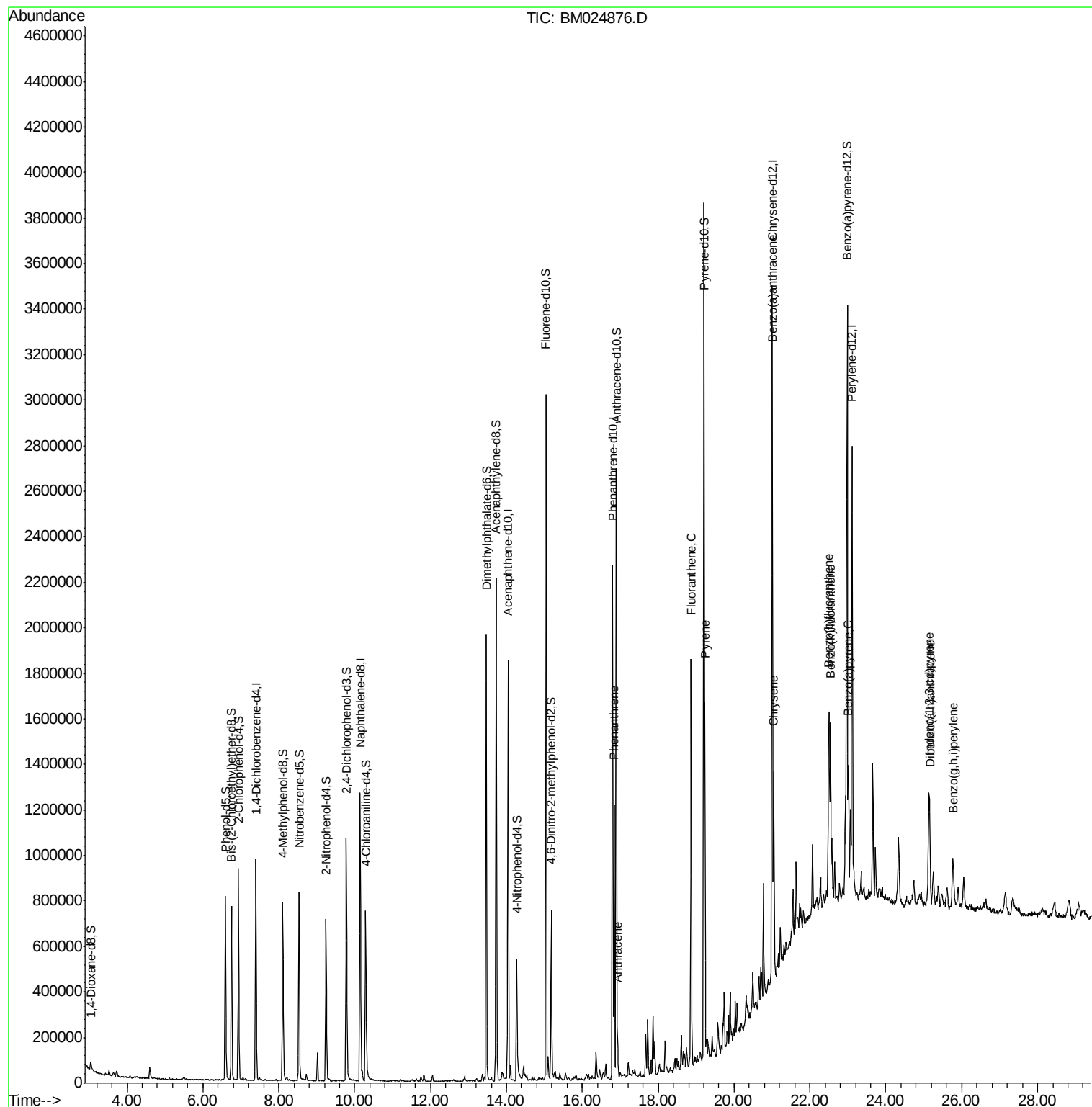
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024876.D
Acq On : 14 Feb 2020 04:33
Operator : CG/JU
Sample : L1404-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

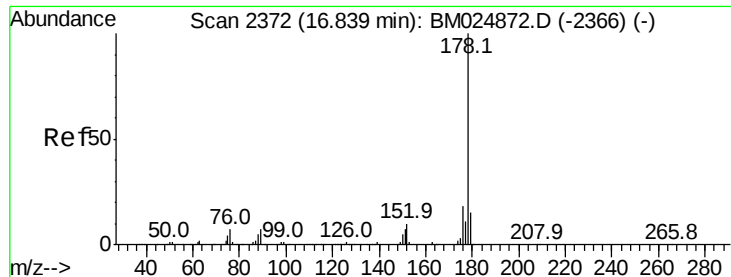
Instrument :
BNA_M
ClientSampleId :
CB6W5

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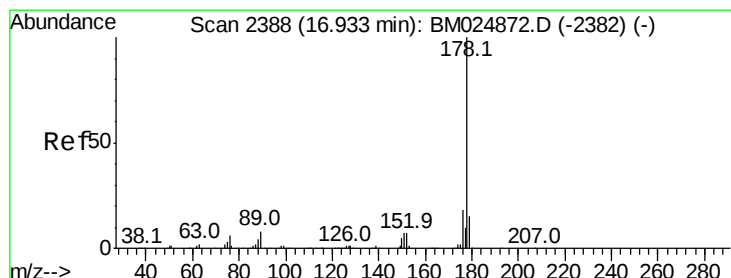
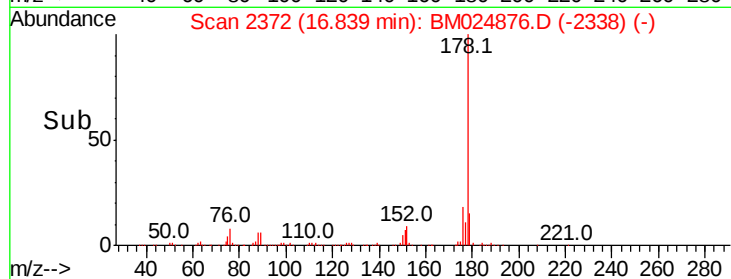
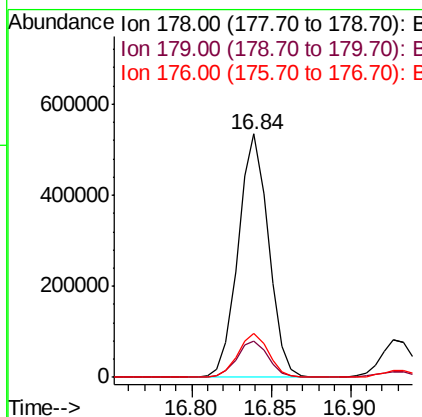
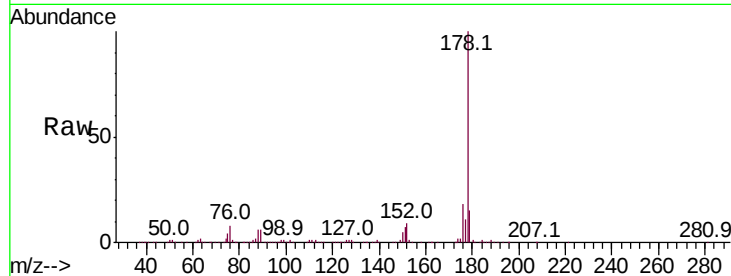
#70
Phenanthrene
Concen: 9.678 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BM024876.D
Acq: 14 Feb 2020 04:33

Instrument :
BNA_M
ClientSampleId :
CB6W5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.2	14.5	21.7

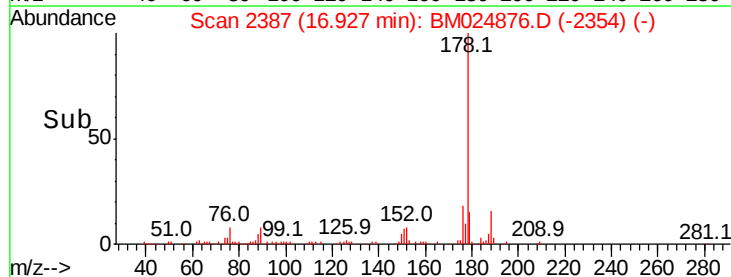
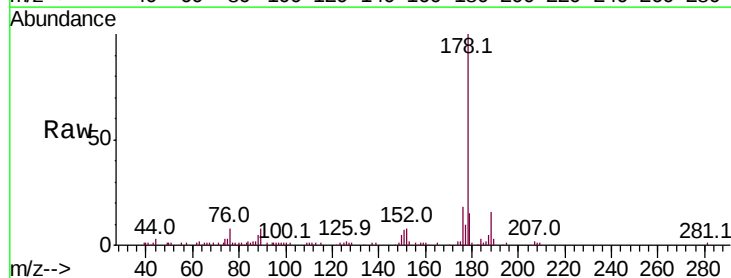
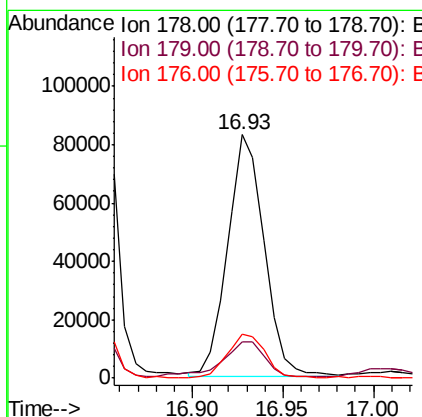
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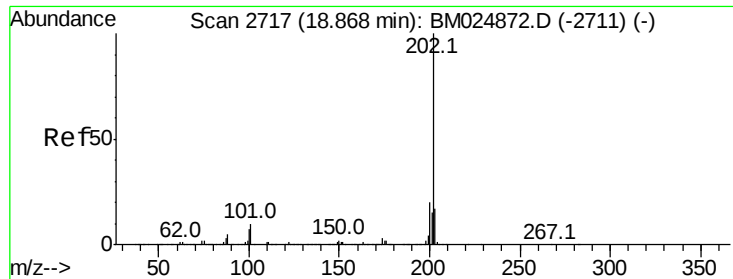
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#72
Anthracene
Concen: 1.563 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024876.D
Acq: 14 Feb 2020 04:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.3	14.1	21.1





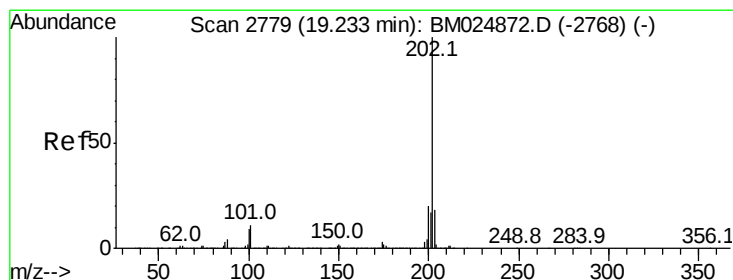
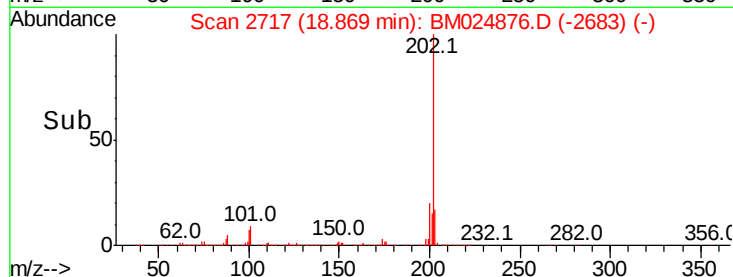
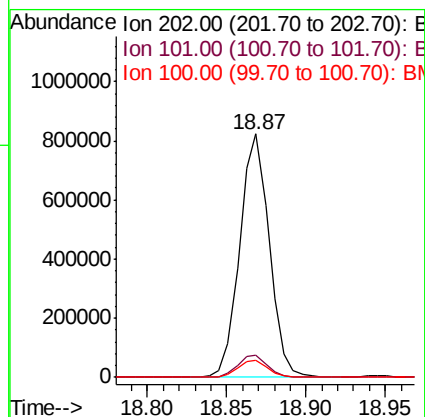
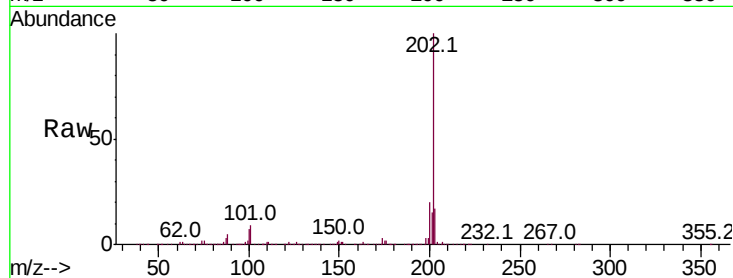
#77
Fluoranthene
 Concen: 11.813 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BM024876.D
 Acq: 14 Feb 2020 04:33

Instrument :
 BNA_M
 ClientSampled :
 CB6W5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1062094		
101	9.0		6.1	9.1
100	6.9		4.8	7.2

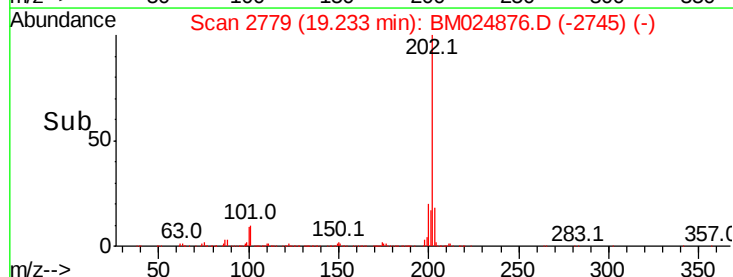
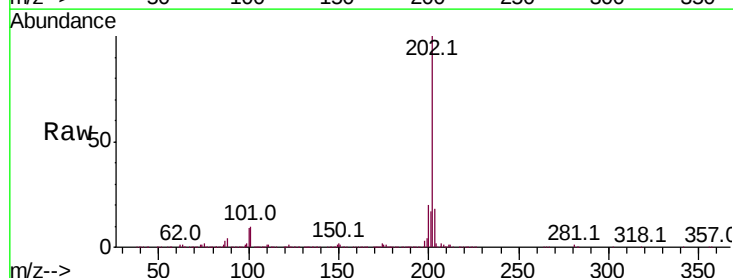
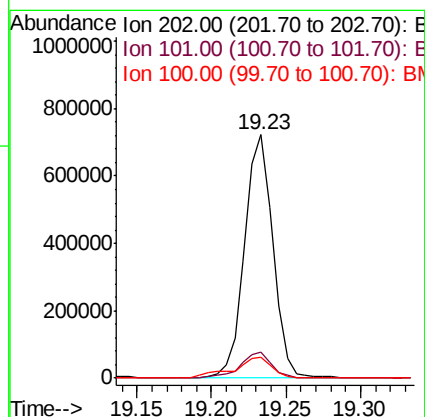
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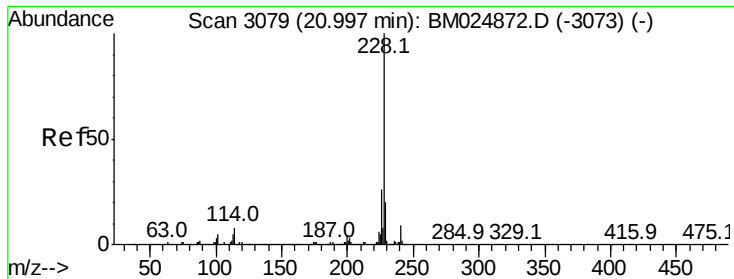
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#80
Pyrene
 Concen: 11.061 ng/ul
 RT: 19.23 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: BM024876.D
 Acq: 14 Feb 2020 04:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	949000		
101	10.5		7.0	10.4#
100	8.6		5.8	8.8





#83

Benzo(a)anthracene

Concen: 6.100 ng/ul

RT: 21.00 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Instrument :

BNA_M

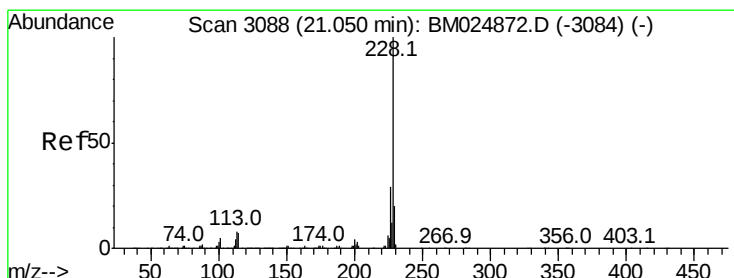
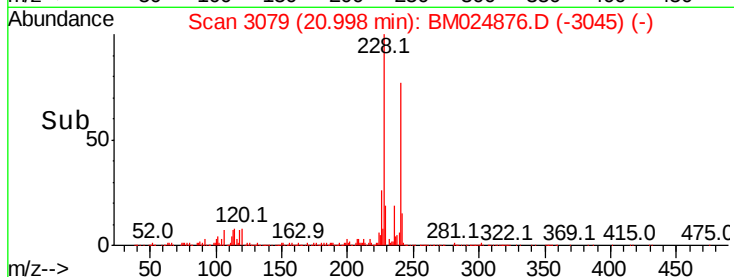
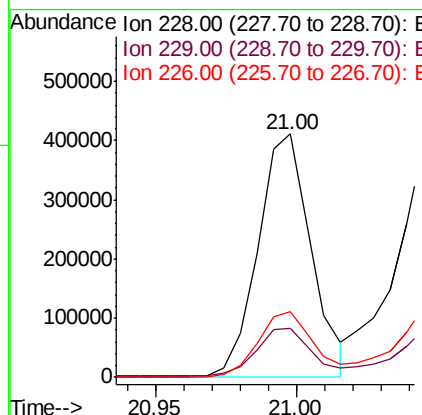
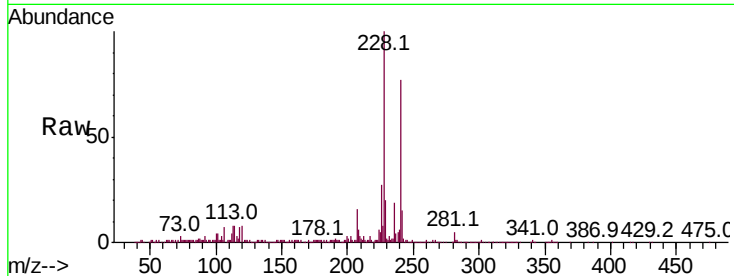
ClientSampled :

CB6W5

Tot Ion:	228	Resp:	532586
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	26.8	20.8	31.2

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#85

Chrysene

Concen: 6.196 ng/ul

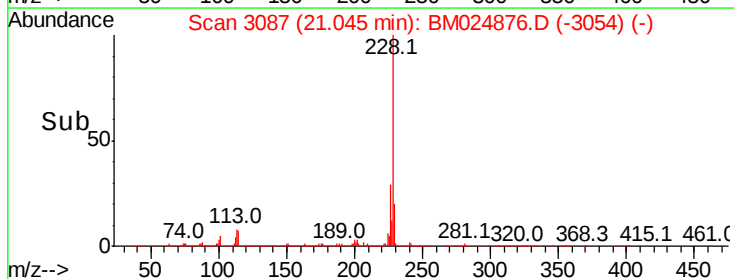
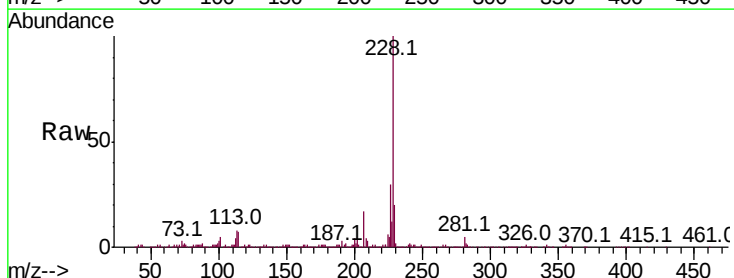
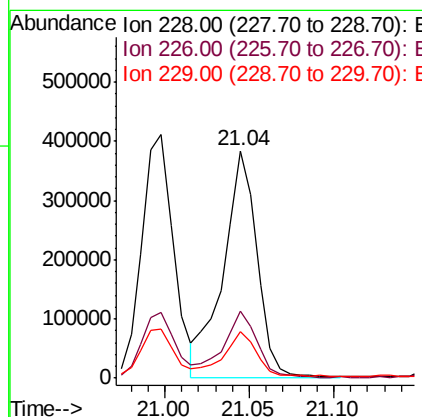
RT: 21.04 min Scan# 3087

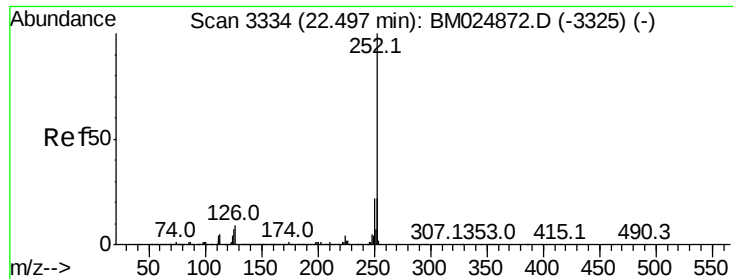
Delta R.T. -0.01 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Tgt Ion:	228	Resp:	532552
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.0	34.4
229	20.3	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 8.003 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

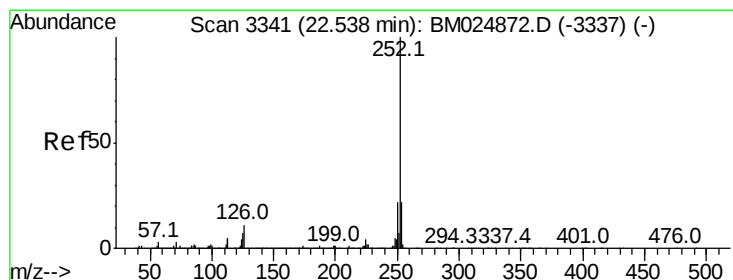
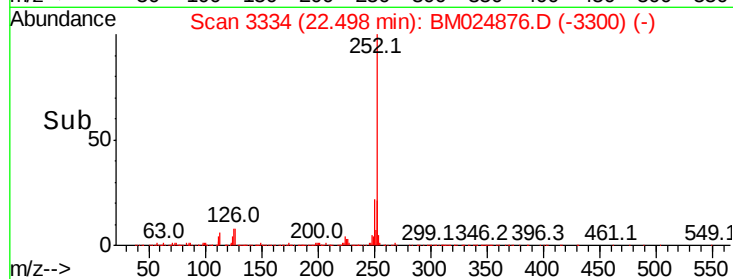
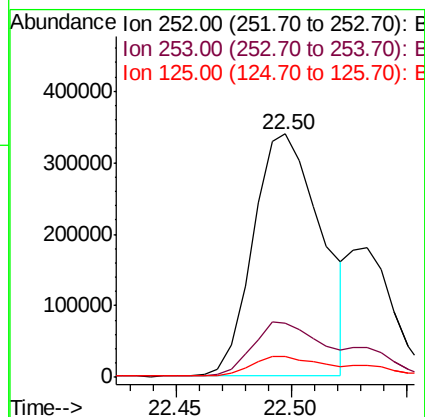
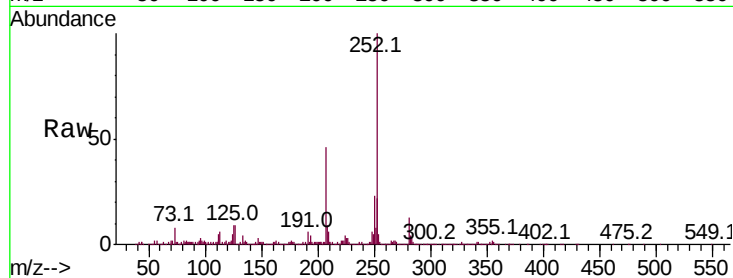
Instrument :
BNA_M

ClientSampleId :
CB6W5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	8.8	5.1	7.7#

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#89

Benzo(k)fluoranthene

Concen: 2.865 ng/ul m

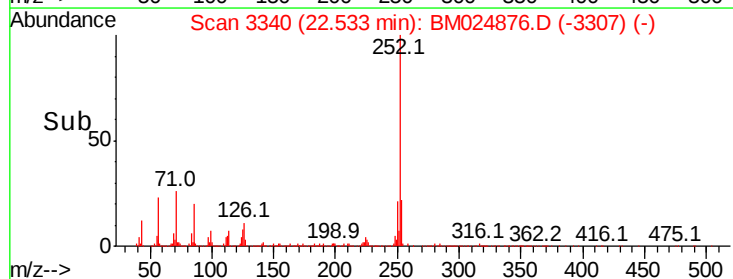
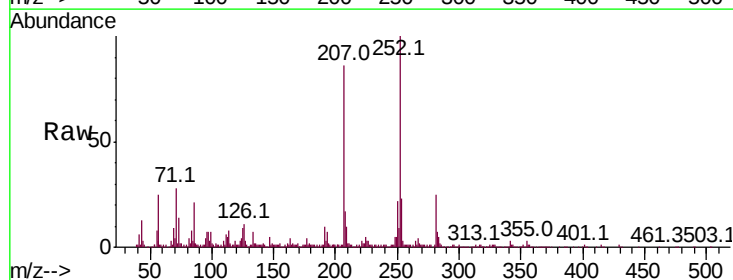
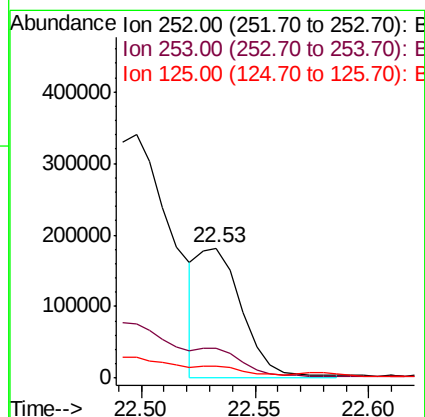
RT: 22.53 min Scan# 3340

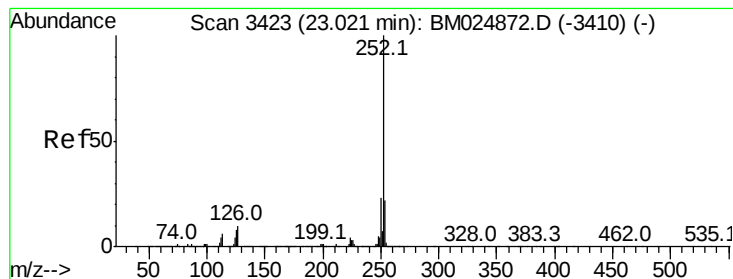
Delta R.T. -0.01 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.3	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 5.600 ng/ul

RT: 23.02 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Instrument :

BNA_M

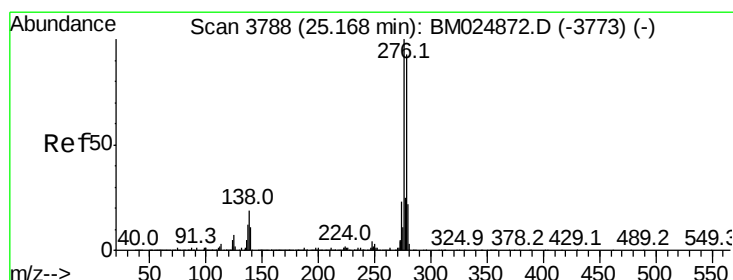
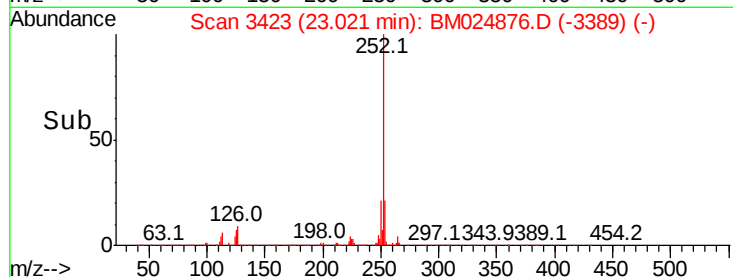
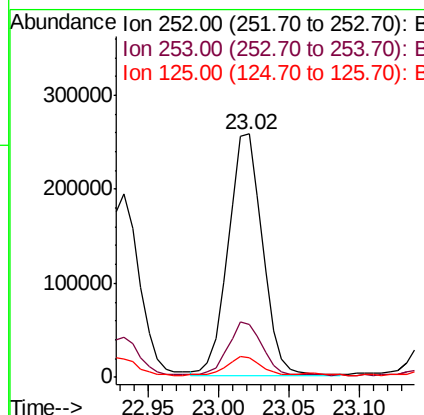
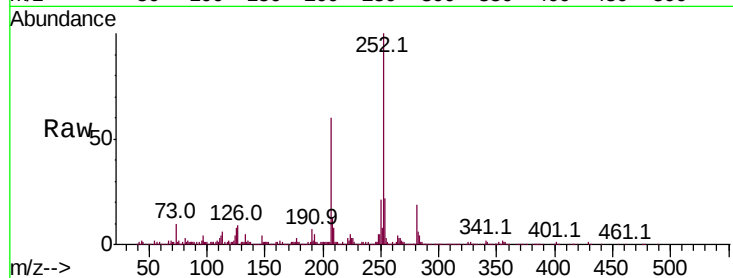
ClientSampleId :

CB6W5

Tot Ion:	252	Resp:	436154
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	8.1	5.6	8.4

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.351 ng/ul

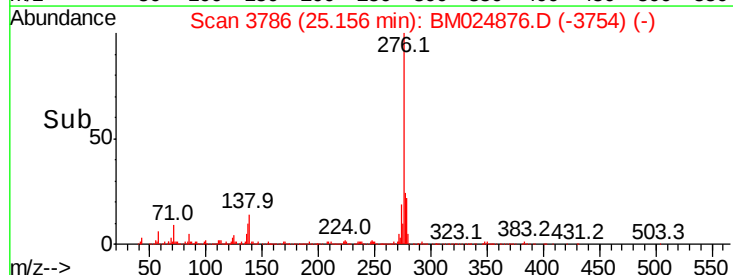
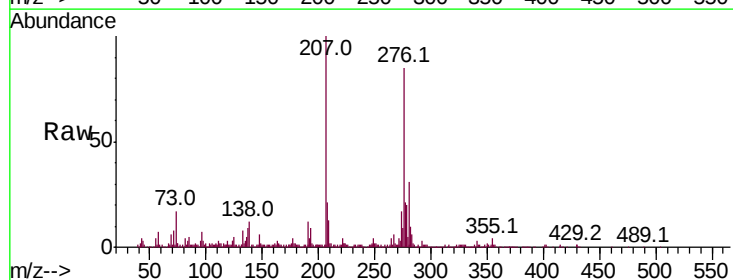
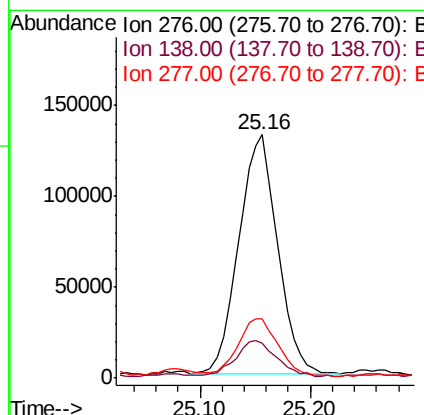
RT: 25.16 min Scan# 3786

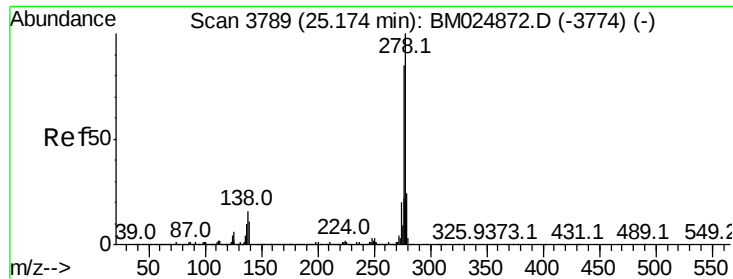
Delta R.T. -0.01 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Tgt Ion:	276	Resp:	324907
Ion Ratio	Lower	Upper	
276	100		
138	14.3	12.8	19.2
277	24.3	19.3	28.9





#93

Dibenzo(a,h)anthracene

Concen: 1.154 ng/ul

RT: 25.16 min Scan# 3787

Delta R.T. -0.01 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Instrument :

BNA_M

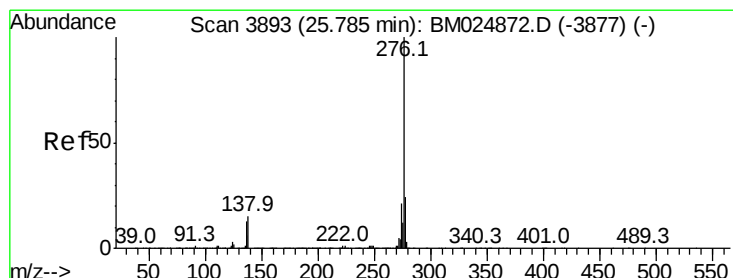
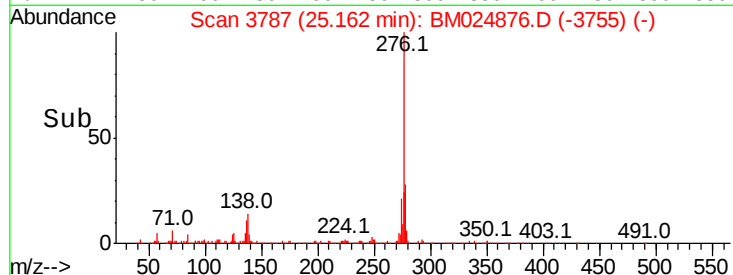
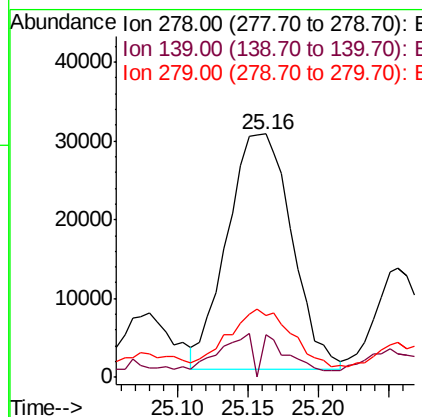
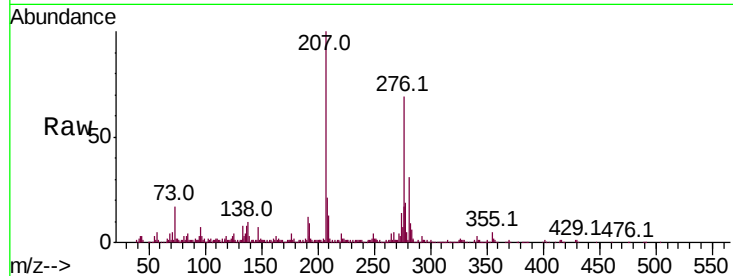
ClientSampleId :

CB6W5

Tot Ion:	278	Resp:	95357
Ion Ratio	Lower	Upper	
278	100		
139	17.6	8.4	12.6#
279	25.7	18.5	27.7

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#94

Benzo(g,h,i)perylene

Concen: 3.101 ng/ul

RT: 25.77 min Scan# 3890

Delta R.T. -0.02 min

Lab File: BM024876.D

Acq: 14 Feb 2020 04:33

Tgt Ion:	276	Resp:	250015
Ion Ratio	Lower	Upper	
276	100		
138	16.2	11.8	17.6
277	24.4	19.0	28.6

