

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025766.D
 Acq On : 25 Mar 2020 14:08
 Operator : CG/JU
 Sample : L1938-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB723

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:14:55 AM

Quant Time: Mar 25 16:45:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 25 07:24:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	173363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	717036	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	444441	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	932224	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	985849	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1092017	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	20960	5.07	ng/uL	0.00
5) Phenol-d5	6.75	99	424478	31.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	247291	31.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	366436	33.00	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	333904	29.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	180608	33.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	197200	34.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	365038	31.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	467344	34.74	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1123786	33.27	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1383869	34.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	179066	27.84	ng/ul	0.00
58) Fluorene-d10	15.20	176	1004900	33.89	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	149590	26.30	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1462431	33.59	ng/ul	0.00
79) Pyrene-d10	19.35	212	1661178	35.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1996781	35.72	ng/ul	0.00

Target Compounds				Ovalue		
70) Phenanthrene	16.99	178	268462	4.892	ng/ul	98
72) Anthracene	17.09	178	56481	1.010	ng/ul	97
77) Fluoranthene	19.02	202	708024	10.947	ng/ul	99
80) Pyrene	19.38	202	661270	9.987	ng/ul	100
83) Benzo(a)anthracene	21.13	228	378218	5.819	ng/ul	98
85) Chrysene	21.18	228	361938	5.676	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	553202	8.119	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	218646m	3.257	ng/ul	
91) Benzo(a)pyrene	23.20	252	361465	5.830	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.41	276	296549	3.621	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.42	278	78997	1.139	ng/ul#	82
94) Benzo(g,h,i)perylene	26.06	276	192087	2.846	ng/ul	97

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

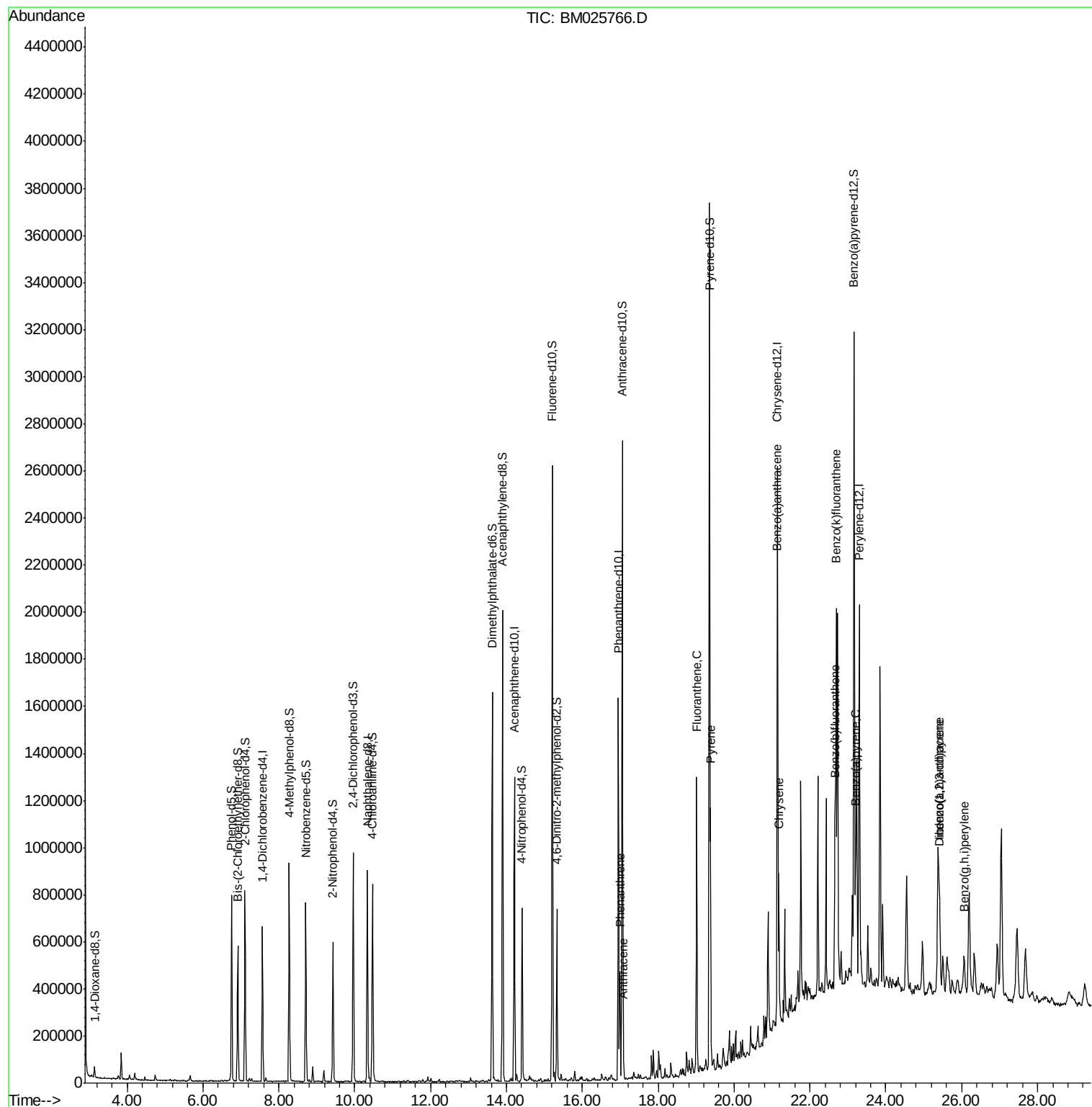
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025766.D
Acq On : 25 Mar 2020 14:08
Operator : CG/JU
Sample : L1938-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

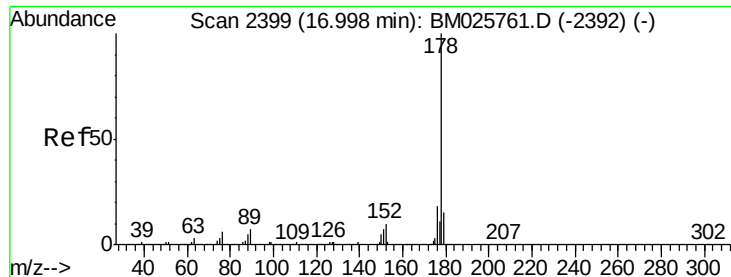
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 4.892 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM025766.D

Acq: 25 Mar 2020 14:08

Instrument :

BNA_M

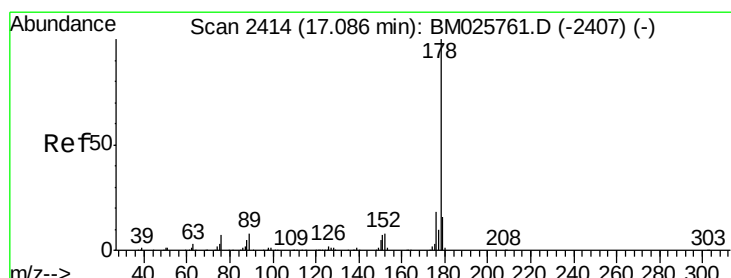
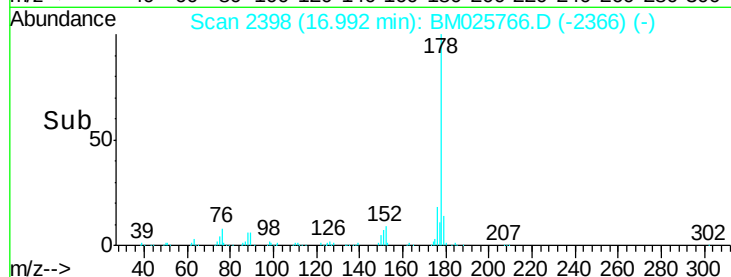
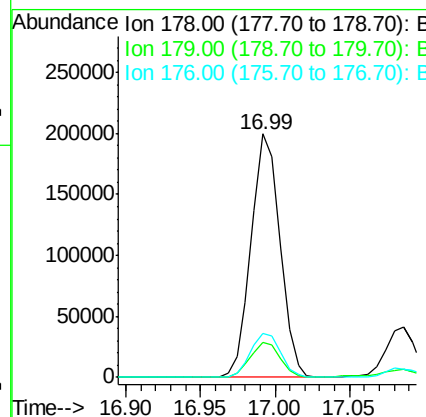
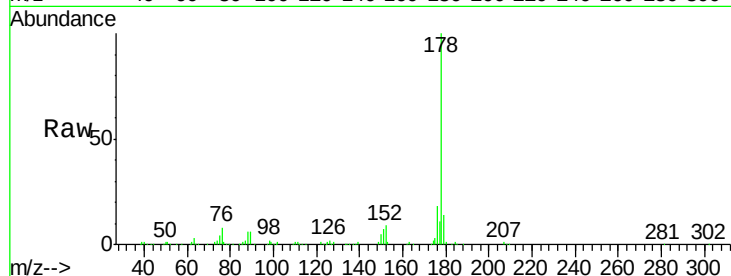
ClientSampled :

CB723

Tot Ion:178	Resp:	268462
Ion Ratio	Lower	Upper
178	100	
179	14.5	12.2 18.4
176	18.2	15.3 22.9

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#72

Anthracene

Concen: 1.010 ng/ul

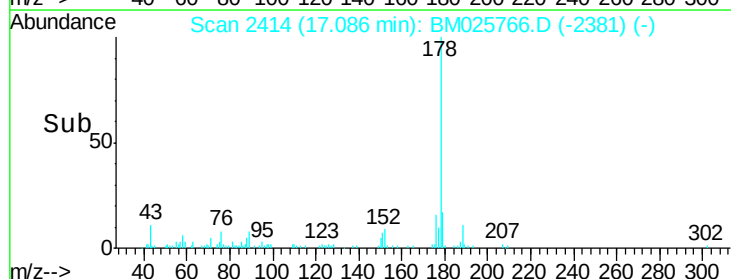
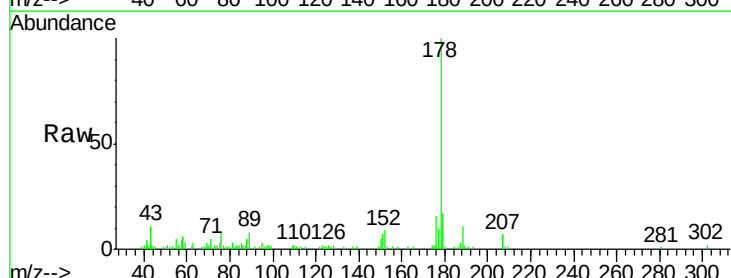
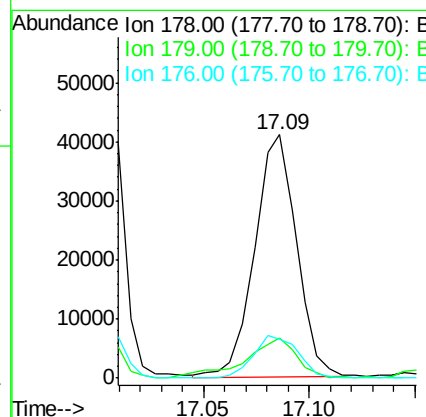
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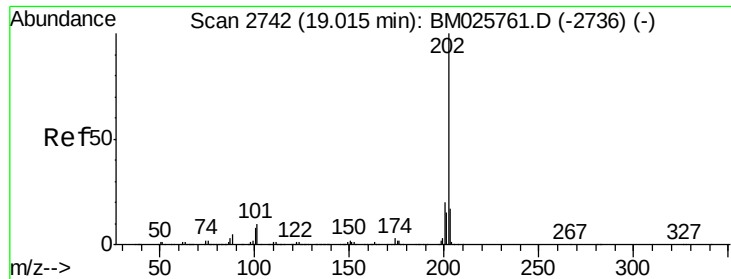
Delta R.T. -0.01 min

Lab File: BM025766.D

Acq: 25 Mar 2020 14:08

Tgt Ion:178	Resp:	56481
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.5 18.7
176	16.1	14.5 21.7





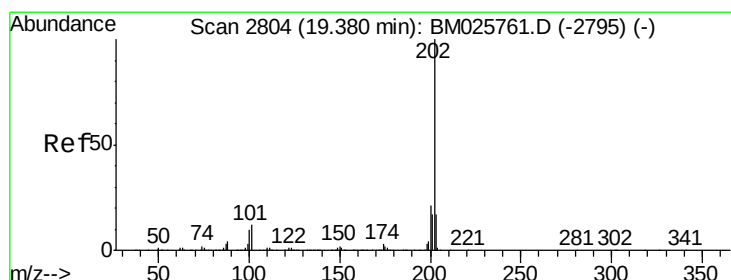
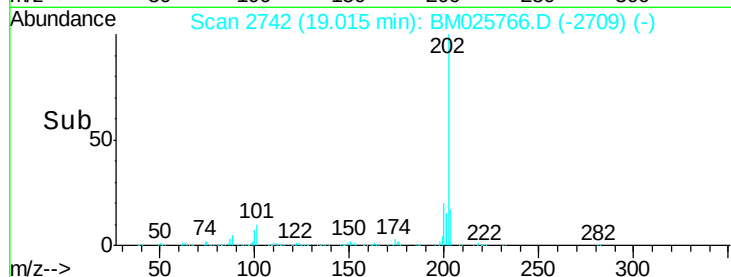
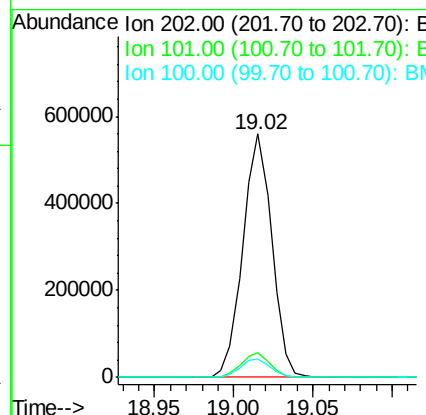
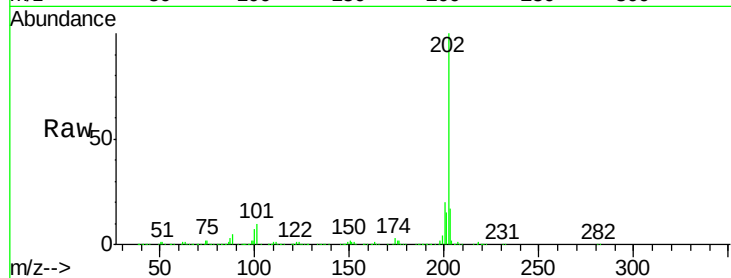
#77
 Fluoranthene
 Concen: 10.947 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM025766.D
 Acq: 25 Mar 2020 14:08

Instrument :
 BNA_M
 ClientSampleId :
 CB723

Tot Ion:	202	Resp:	708024
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.2	12.4
100	7.4	6.5	9.7

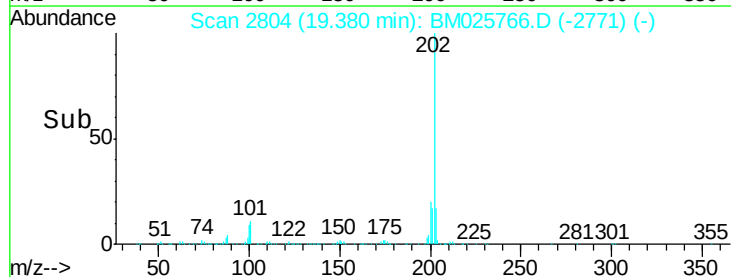
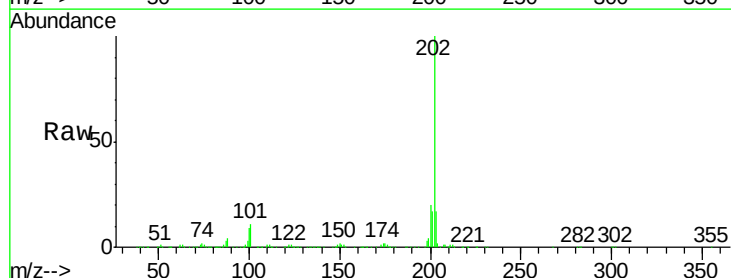
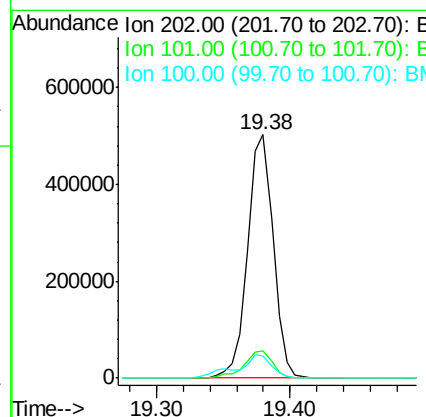
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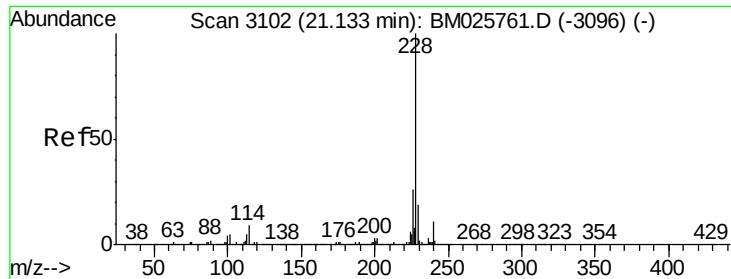
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#80
 Pyrene
 Concen: 9.987 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM025766.D
 Acq: 25 Mar 2020 14:08

Tgt Ion:	202	Resp:	661270
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.9	13.3
100	9.2	7.5	11.3





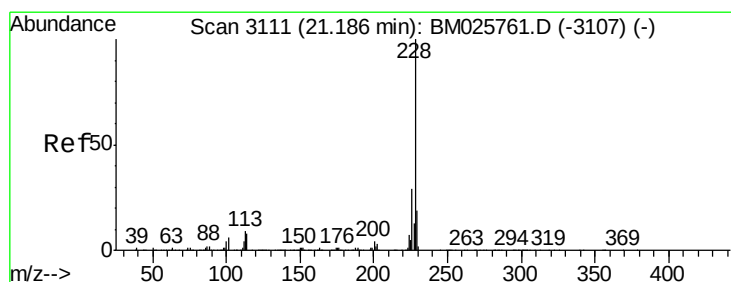
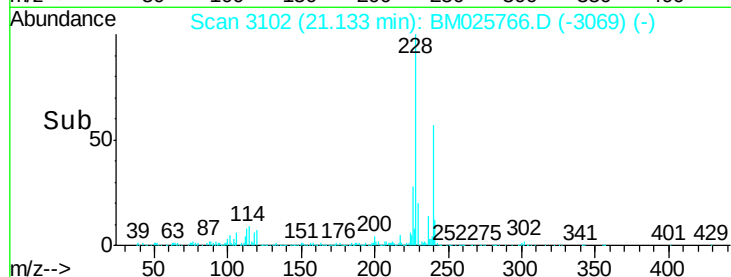
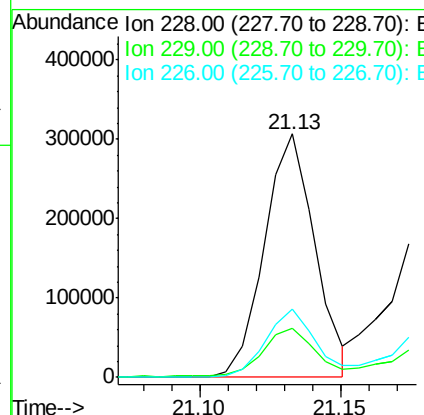
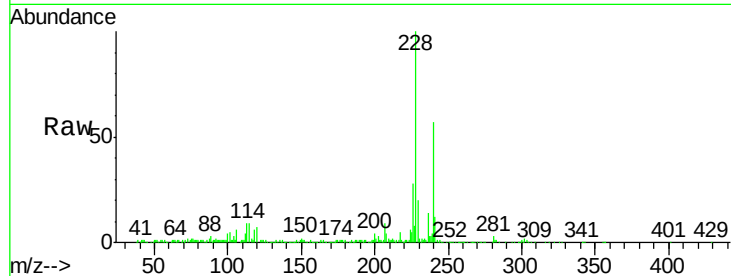
#83
Benzo(a)anthracene
Concen: 5.819 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Instrument :
BNA_M
ClientSampleId :
CB723

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	28.0	21.0	31.6

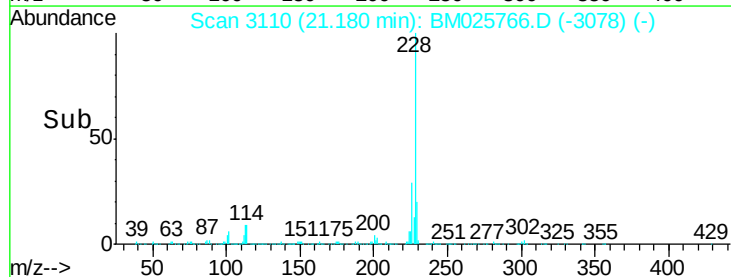
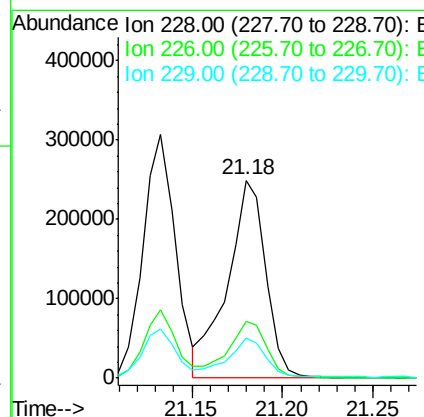
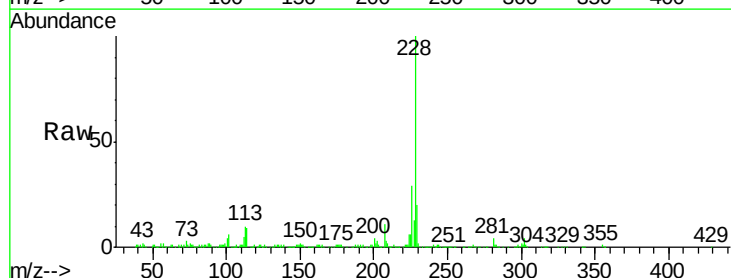
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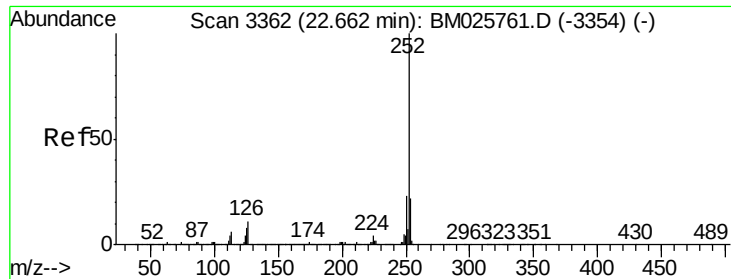
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#85
Chrysene
Concen: 5.676 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.3	15.6	23.4





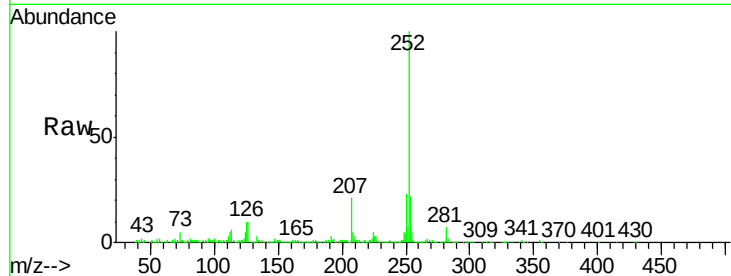
#88
Benzo(b)fluoranthene
Concen: 8.119 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Instrument :
BNA_M
ClientSampleId :
CB723

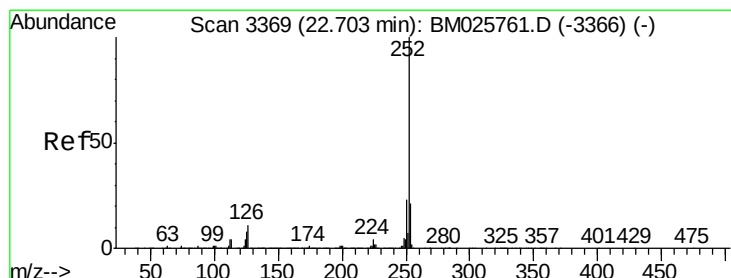
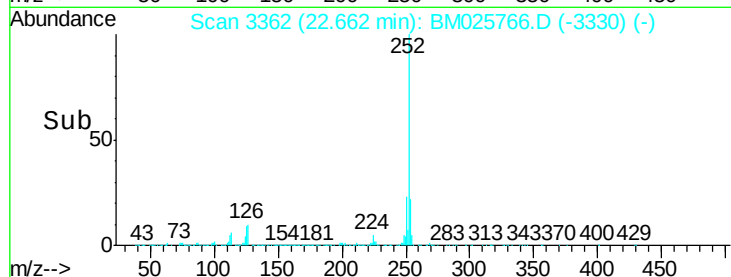
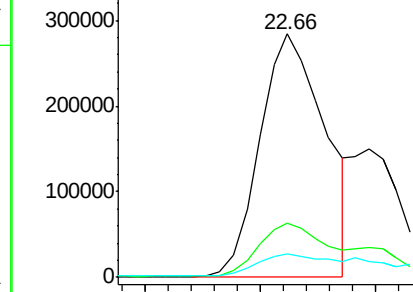
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.8	6.7	10.1

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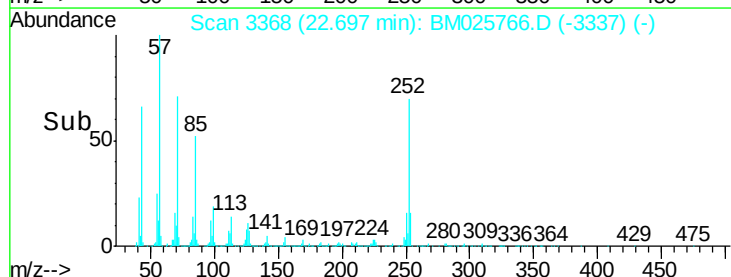
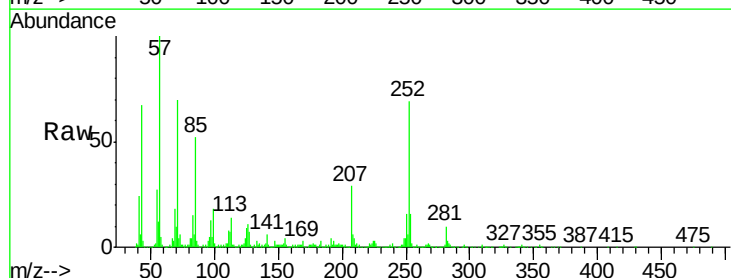
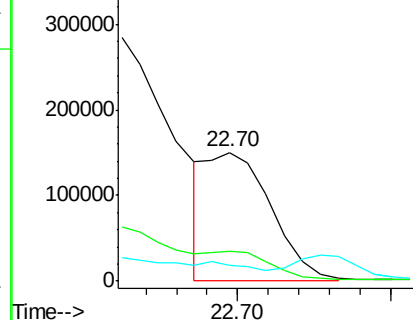
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

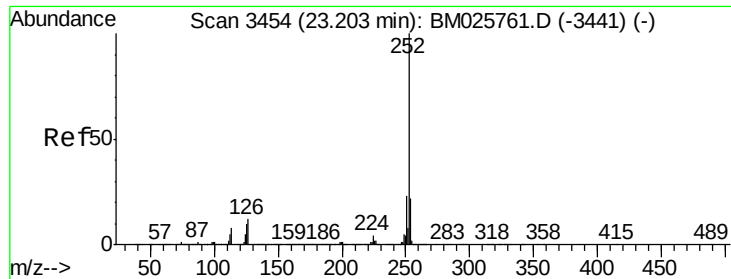


#89
Benzo(k)fluoranthene
Concen: 3.257 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.7	6.9	10.3#

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





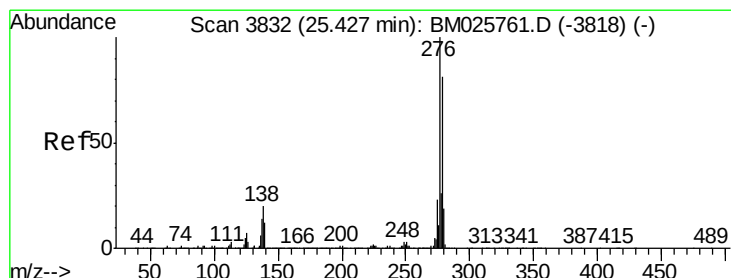
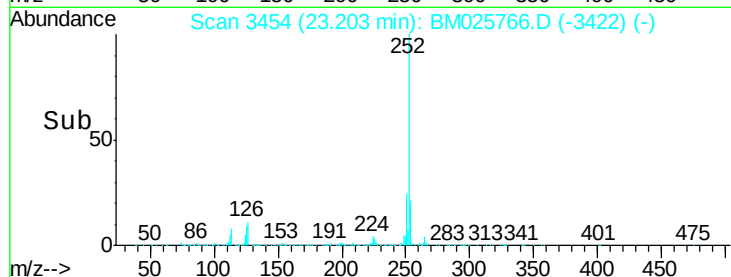
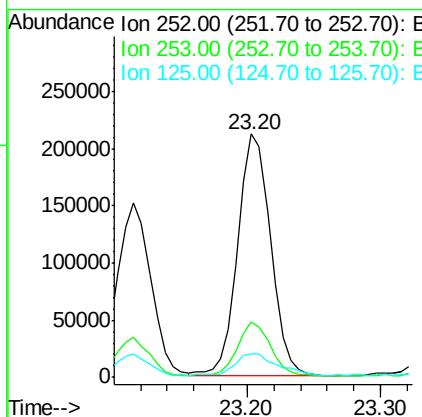
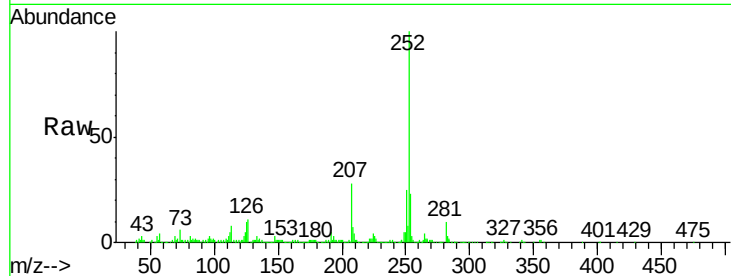
#91
Benzo(a)pyrene
Concen: 5.830 ng/ul
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Instrument :
BNA_M
ClientSampled :
CB723

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.8	7.1	10.7

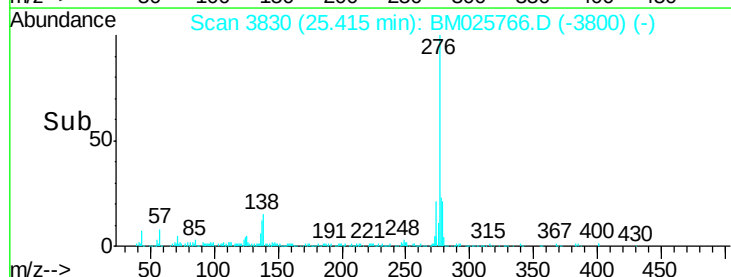
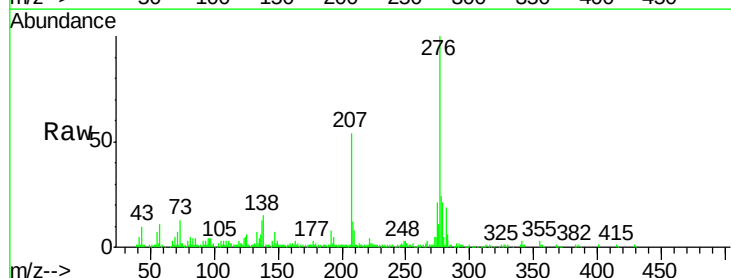
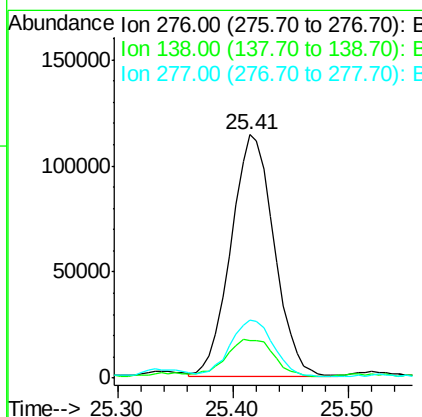
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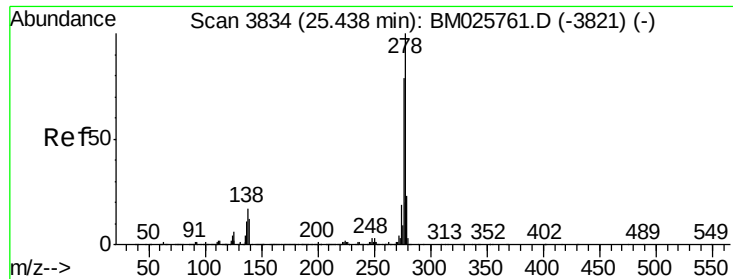
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.621 ng/ul
RT: 25.41 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	16.5	24.7#
277	23.8	19.7	29.5





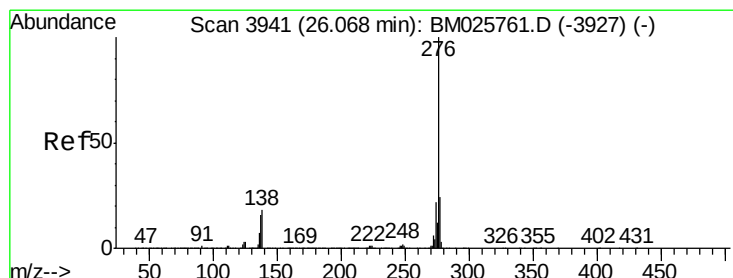
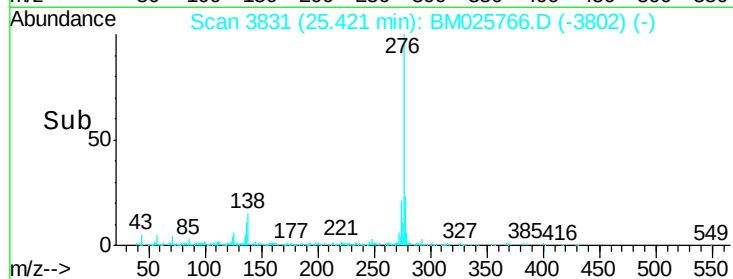
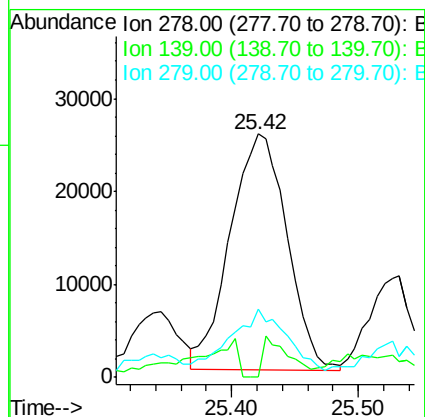
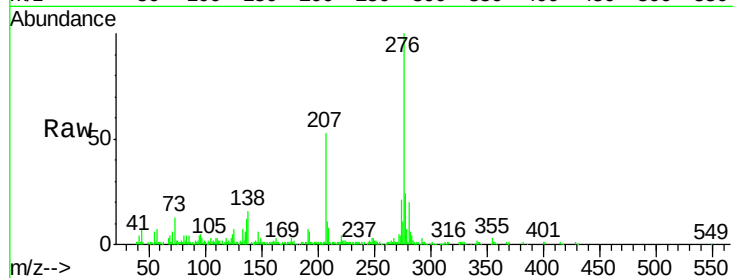
#93
Dibenzo(a,h)anthracene
Concen: 1.139 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

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Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	28.0	18.6	28.0#

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#94
Benzo(g,h,i)perylene
Concen: 2.846 ng/ul
RT: 26.06 min Scan# 3940
Delta R.T. -0.02 min
Lab File: BM025766.D
Acq: 25 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.2	19.8
277	24.9	19.0	28.4

