

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025750.D
 Acq On : 25 Mar 2020 04:32
 Operator : CG/JU
 Sample : L1938-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB724

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:14:09 AM

Quant Time: Mar 25 06:09:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 23:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	201891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	832961	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	530836	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1130961	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1178272	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1319757	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	24632	5.12	ng/uL	0.00
5) Phenol-d5	6.75	99	483196	30.32	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	285347	31.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	417849	32.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	398955	30.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	212144	34.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	226128	34.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	425597	31.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	570025	36.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1353082	33.54	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1653158	34.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	223635	29.11	ng/ul	0.00
58) Fluorene-d10	15.20	176	1199366	33.87	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	182795	26.49	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1797556	34.03	ng/ul	0.00
79) Pyrene-d10	19.35	212	2022911	35.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2436286	36.06	ng/ul	-0.01

Target Compounds

					Ovalue
70) Phenanthrene	16.99	178	264530	3.974	ng/ul 99
77) Fluoranthene	19.02	202	593961	7.569	ng/ul 98
80) Pyrene	19.38	202	538421	6.804	ng/ul 99
83) Benzo(a)anthracene	21.13	228	309029	3.978	ng/ul 97
85) Chrysene	21.18	228	291945	3.830	ng/ul 99
88) Benzo(b)fluoranthene	22.66	252	448067	5.441	ng/ul 97
89) Benzo(k)fluoranthene	22.70	252	141257m	1.741	ng/ul
91) Benzo(a)pyrene	23.20	252	267082	3.564	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.41	276	216775	2.190	ng/ul 97
94) Benzo(g,h,i)perylene	26.06	276	146199	1.792	ng/ul 99

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

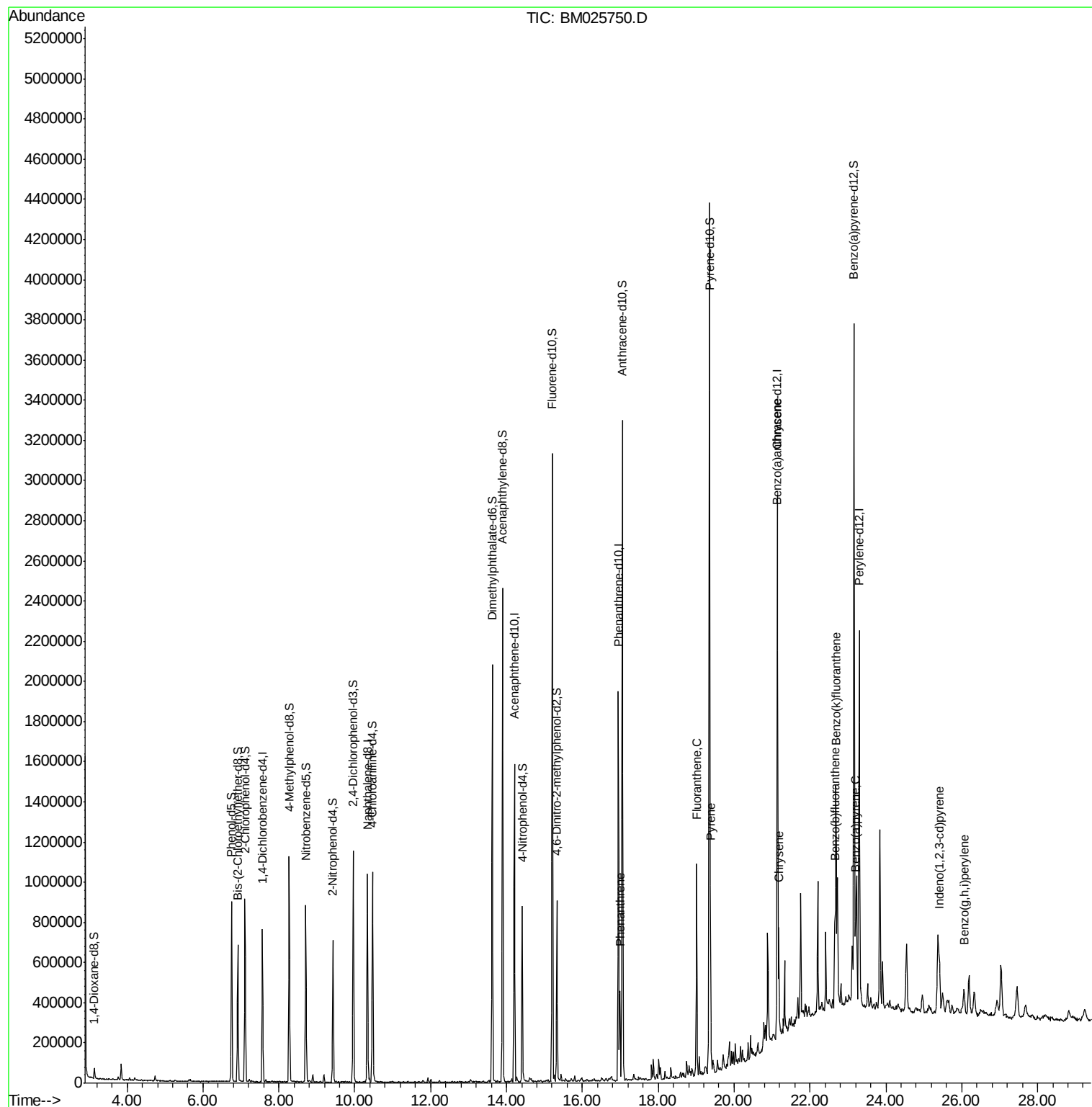
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025750.D
Acq On : 25 Mar 2020 04:32
Operator : CG/JU
Sample : L1938-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

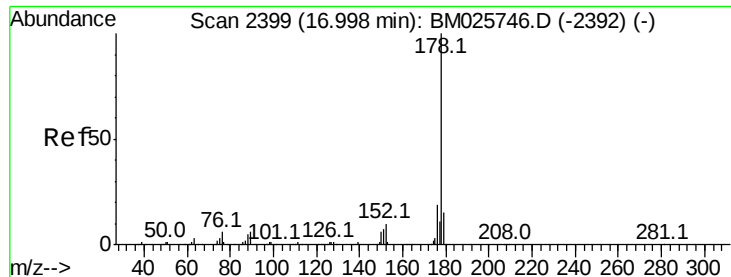
Instrument :
BNA_M
ClientSampleId :
CB724

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
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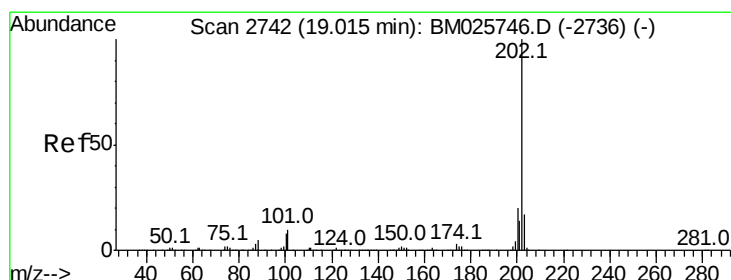
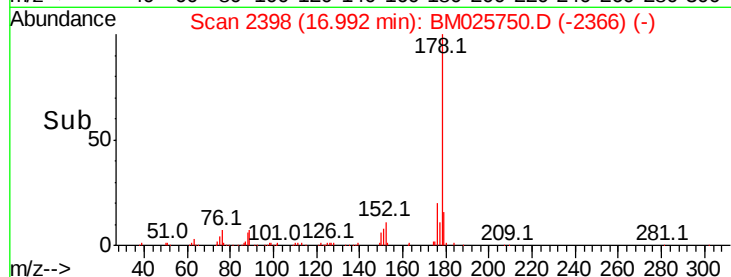
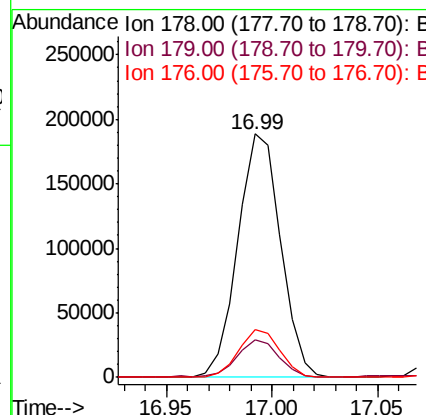
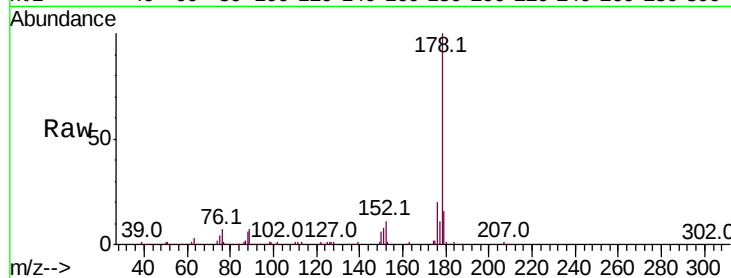
#70
Phenanthrene
Concen: 3.974 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

Instrument :
BNA_M
ClientSampleId :
CB724

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	19.6	15.3	22.9

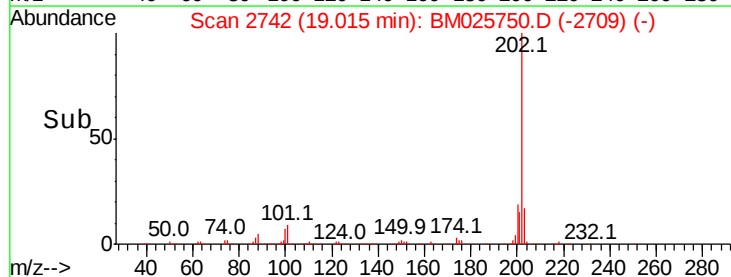
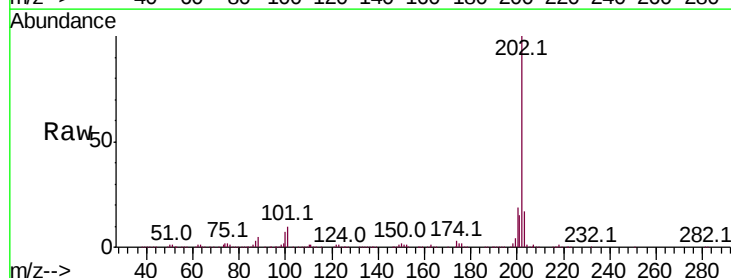
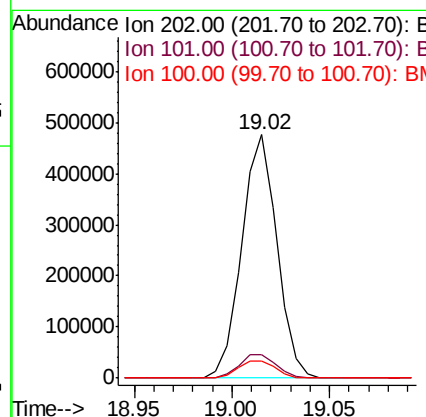
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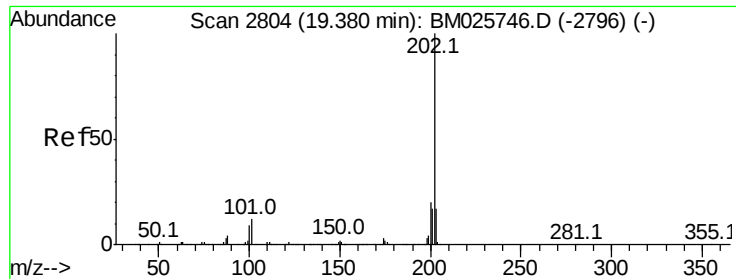
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#77
Fluoranthene
Concen: 7.569 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.2	12.4
100	7.2	6.5	9.7





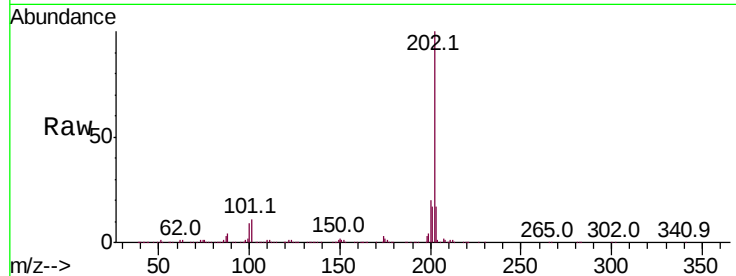
#80
Pvrene
Concen: 6.804 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

Instrument :
BNA_M
ClientSampled :
CB724

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.1	7.5	11.3

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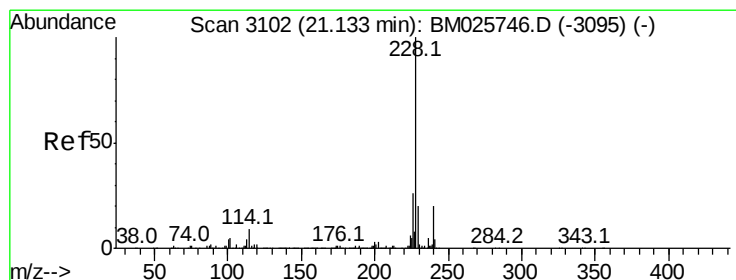
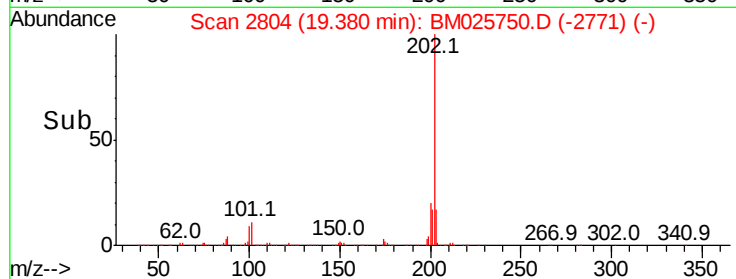
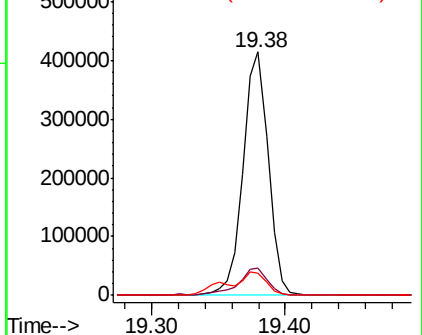


Abundance

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



#83
Benzo(a)anthracene
Concen: 3.978 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

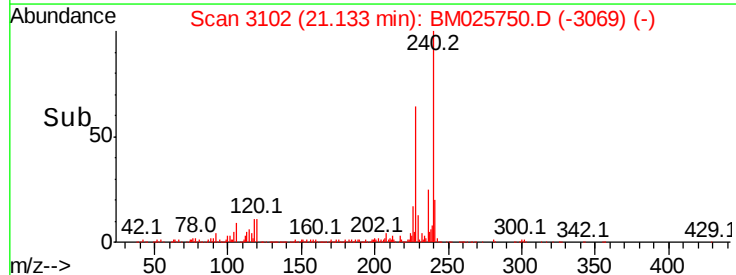
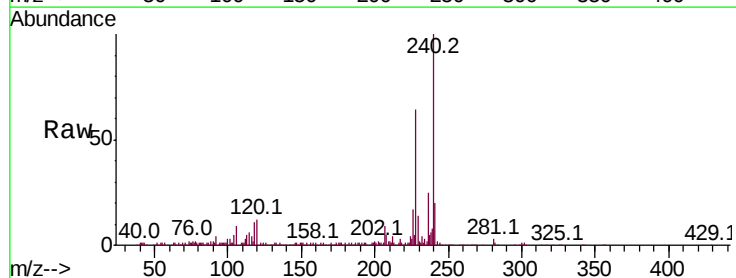
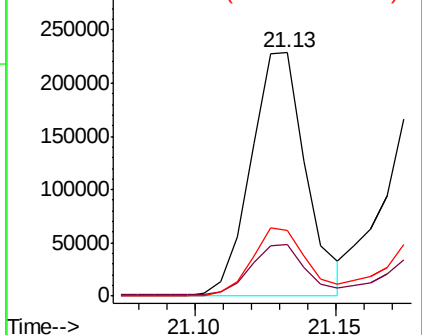
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	15.5	23.3
226	27.1	21.0	31.6

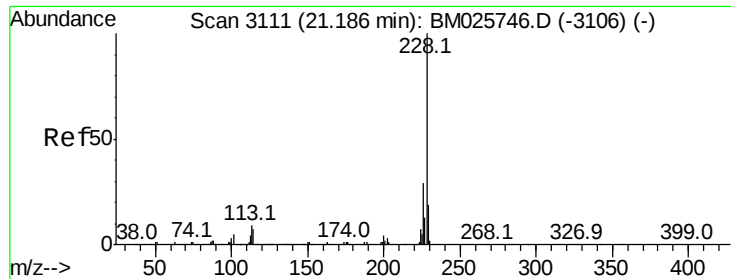
Abundance

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





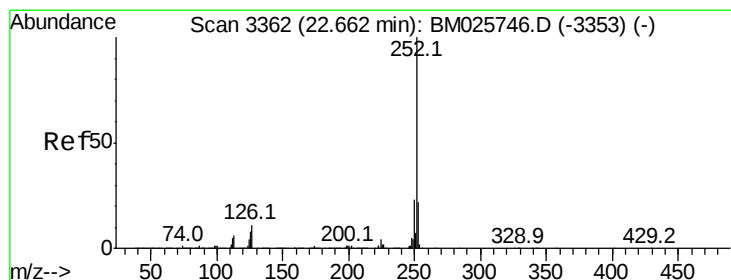
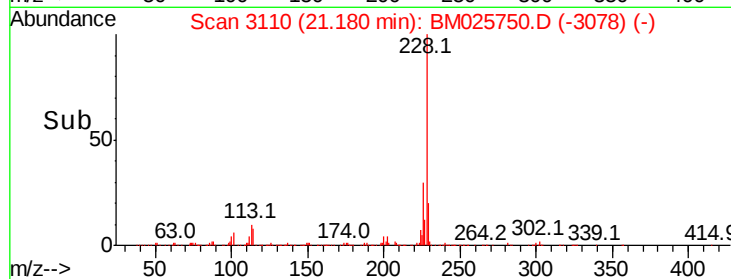
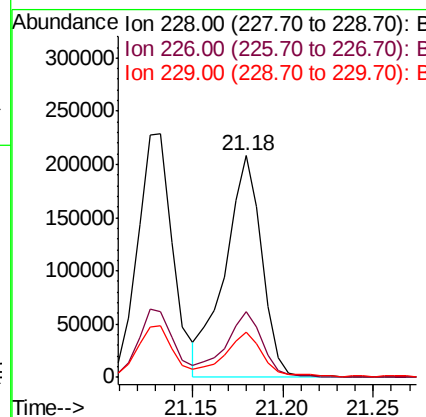
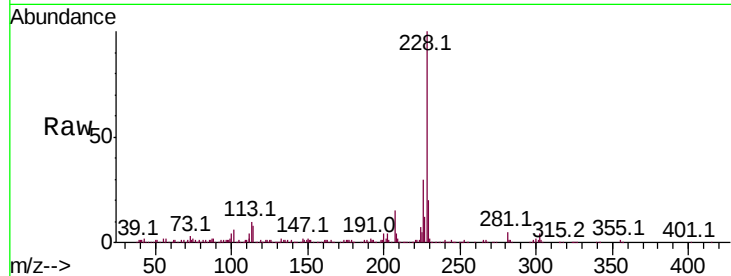
#85
Chrysene
Concen: 3.830 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

Instrument :
BNA_M
ClientSampleId :
CB724

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	20.1	15.6	23.4

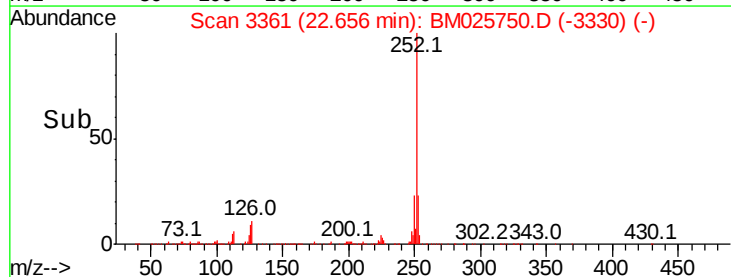
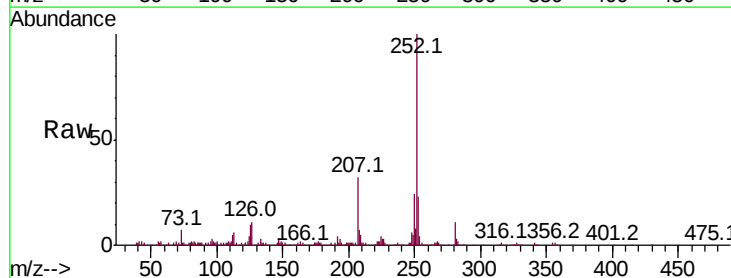
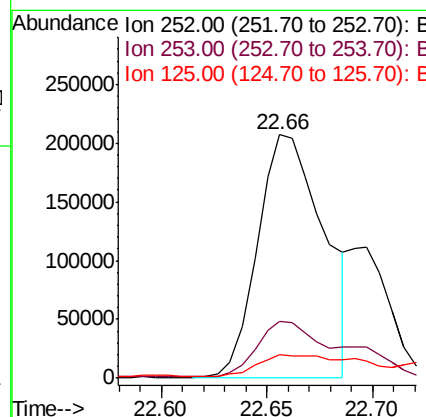
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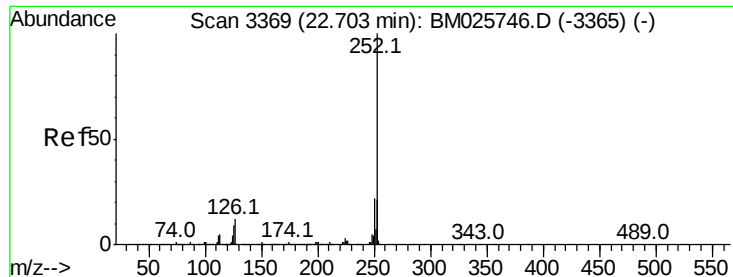
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#88
Benzo(b)fluoranthene
Concen: 5.441 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. -0.02 min
Lab File: BM025750.D
Acq: 25 Mar 2020 04:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	9.8	6.7	10.1





#89

Benzo(k)fluoranthene

Concen: 1.741 ng/ul m

RT: 22.70 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM025750.D

Acq: 25 Mar 2020 04:32

Instrument :

BNA_M

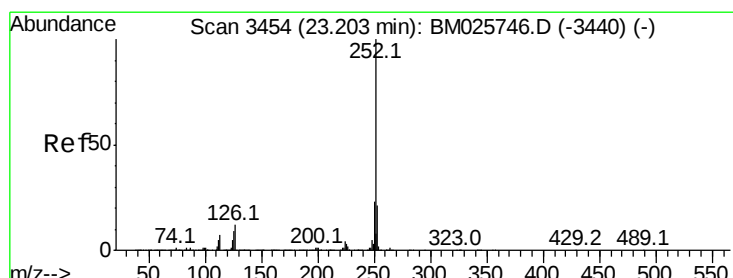
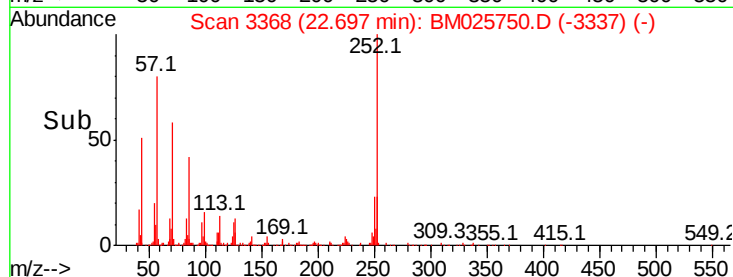
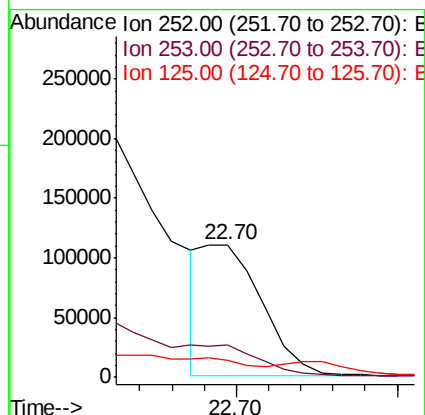
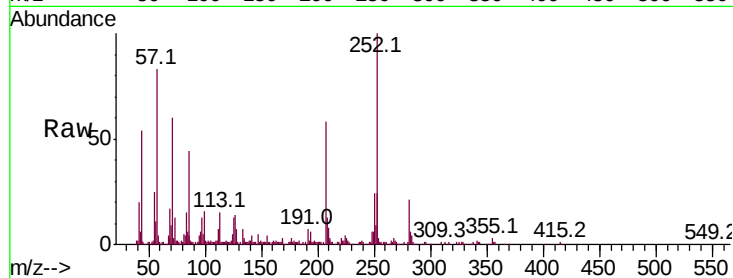
ClientSampleId :

CB724

Tot Ion:	252	Resp:	141257
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.7	26.5
125	12.8	6.9	10.3#

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#91

Benzo(a)pyrene

Concen: 3.564 ng/ul

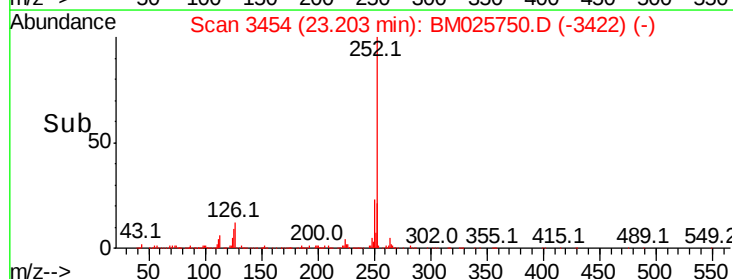
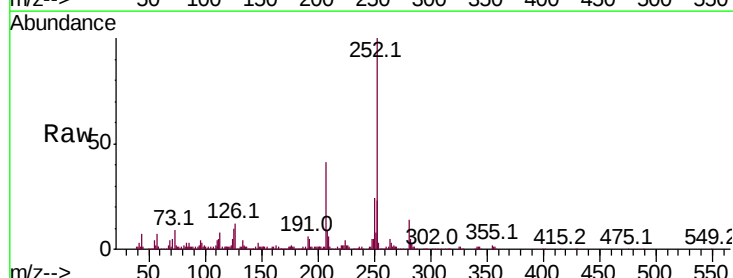
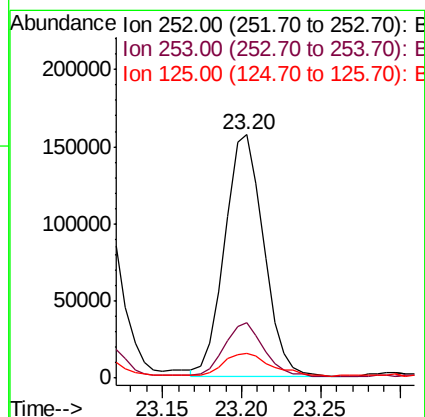
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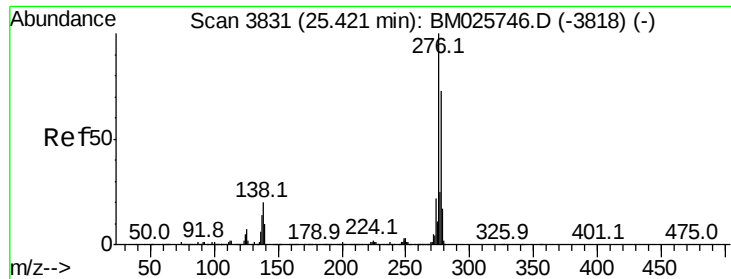
Delta R.T. -0.01 min

Lab File: BM025750.D

Acq: 25 Mar 2020 04:32

Tgt Ion:	252	Resp:	267082
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	10.4	7.1	10.7





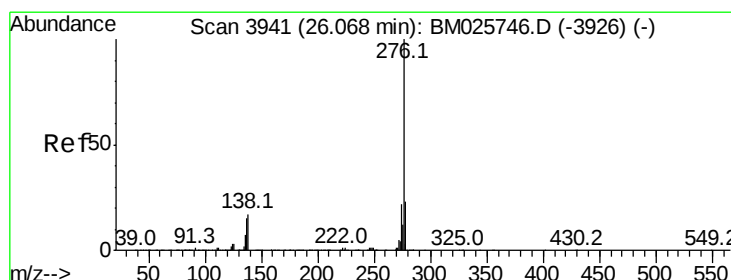
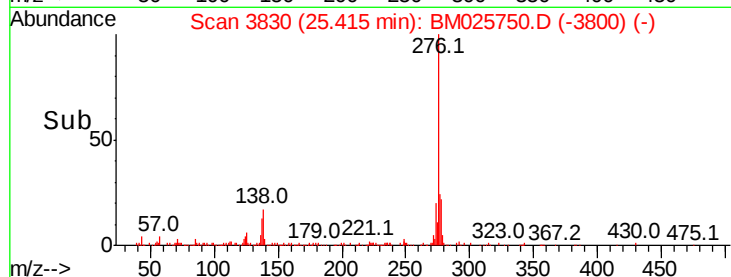
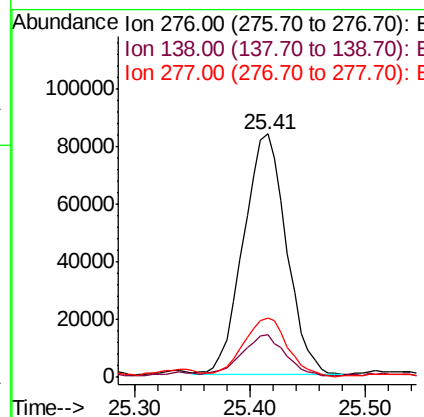
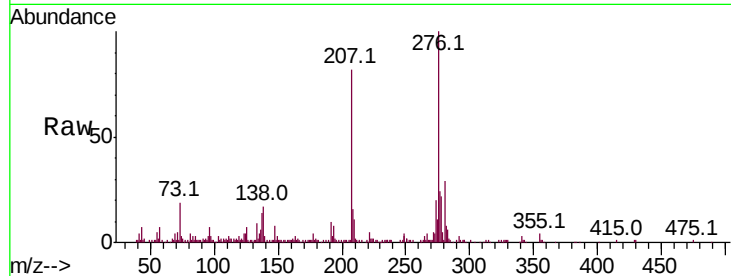
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.190 ng/ul
 RT: 25.41 min Scan# 3830
 Delta R.T. -0.02 min
 Lab File: BM025750.D
 Acq: 25 Mar 2020 04:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.5	24.7
277	24.4	19.7	29.5

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#94
 Benzo(g,h,i)perylene
 Concen: 1.792 ng/ul
 RT: 26.06 min Scan# 3939
 Delta R.T. -0.03 min
 Lab File: BM025750.D
 Acq: 25 Mar 2020 04:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.2	19.8
277	23.3	19.0	28.4

