

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025762.D
 Acq On : 25 Mar 2020 11:45
 Operator : CG/JU
 Sample : L1938-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB790

Manual Integrations
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mohammad
 3/27/2020 8:14:29 AM

Quant Time: Mar 25 16:14:29 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	161633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	665910	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	418295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	887642	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	953160	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1083475	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	27180	7.05	ng/uL	0.00
5) Phenol-d5	6.75	99	479589	37.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	276866	38.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	403355	38.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	366472	34.96	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	209234	42.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	223631	42.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	410921	38.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	536368	42.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1258804	39.60	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1547573	40.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	210400	34.76	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1121947	40.20	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	168089	31.04	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1645113	39.68	ng/ul	0.00
79) Pyrene-d10	19.35	212	1847623	40.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2281053	41.12	ng/ul	-0.01

Target Compounds

					Ovalue
70) Phenanthrene	16.99	178	377797	7.231	ng/ul 100
72) Anthracene	17.09	178	69853	1.312	ng/ul 99
77) Fluoranthene	19.02	202	720213	11.694	ng/ul 98
80) Pyrene	19.38	202	628028	9.811	ng/ul 99
83) Benzo(a)anthracene	21.13	228	355834	5.662	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.09	149	51639	1.365	ng/ul 100
85) Chrysene	21.18	228	377835	6.128	ng/ul 99
88) Benzo(b)fluoranthene	22.66	252	604467	8.941	ng/ul 98
89) Benzo(k)fluoranthene	22.70	252	177227m	2.661	ng/ul
91) Benzo(a)pyrene	23.20	252	364519	5.925	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.42	276	314424	3.870	ng/ul 95
93) Dibenzo(a,h)anthracene	25.42	278	85348	1.241	ng/ul 96
94) Benzo(g,h,i)perylene	26.06	276	208165	3.109	ng/ul 99

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

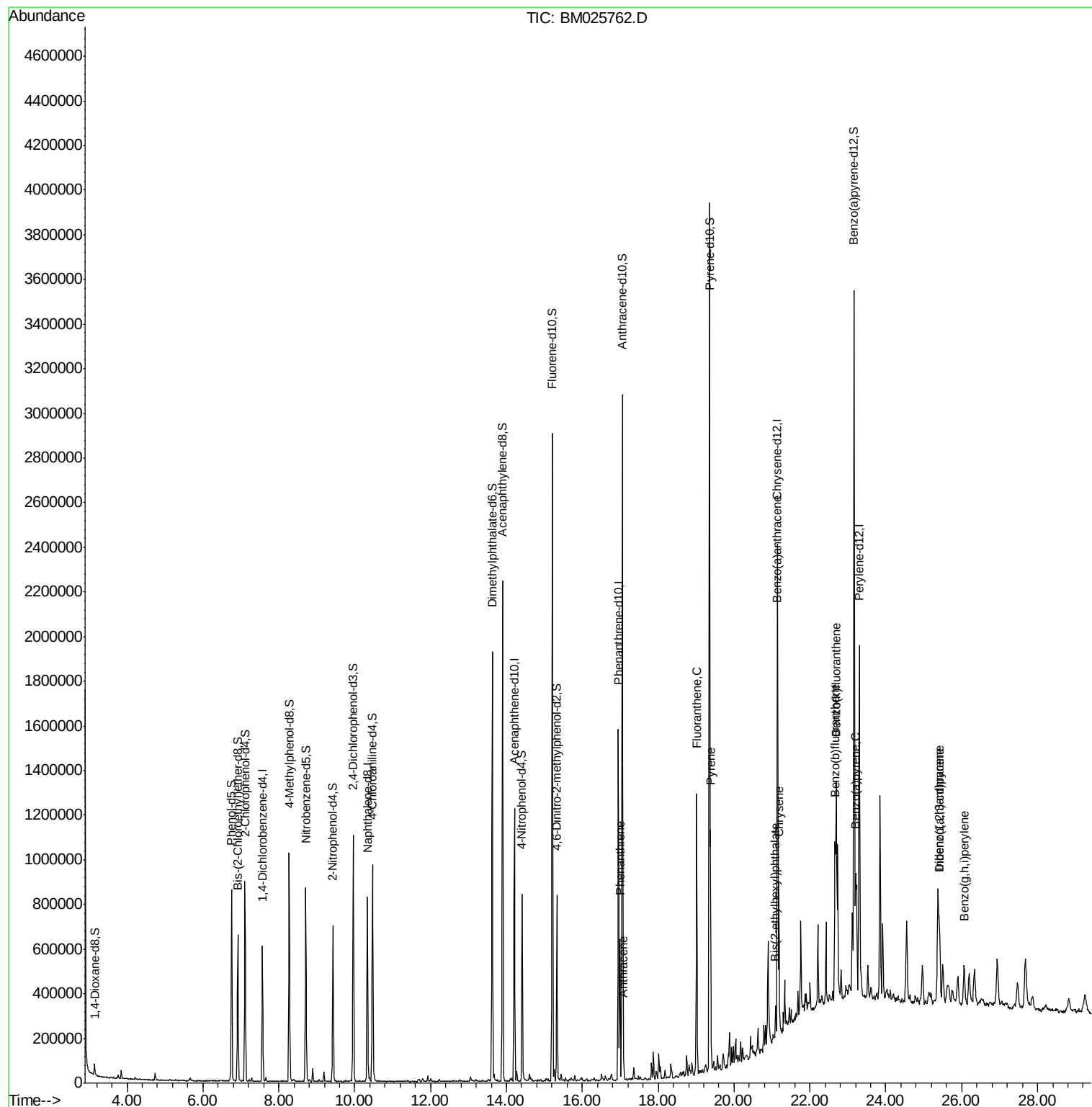
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025762.D
Acq On : 25 Mar 2020 11:45
Operator : CG/JU
Sample : L1938-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

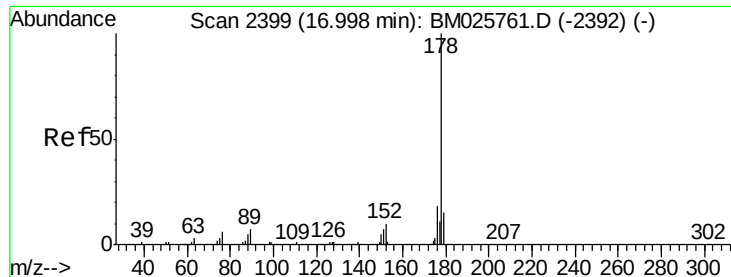
Instrument :
BNA_M
ClientSampleId :
CB790

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Quant Time: Mar 25 16:14:29 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





#70

Phenanthrene

Concen: 7.231 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM025762.D

Acq: 25 Mar 2020 11:45

Instrument :

BNA_M

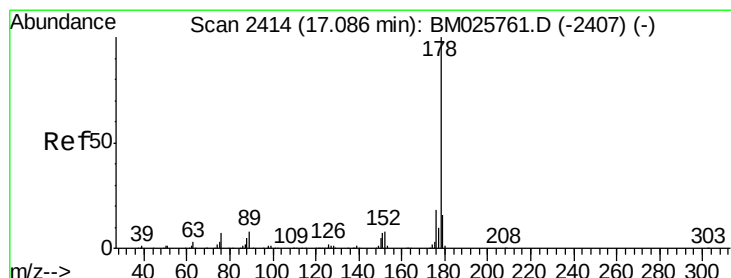
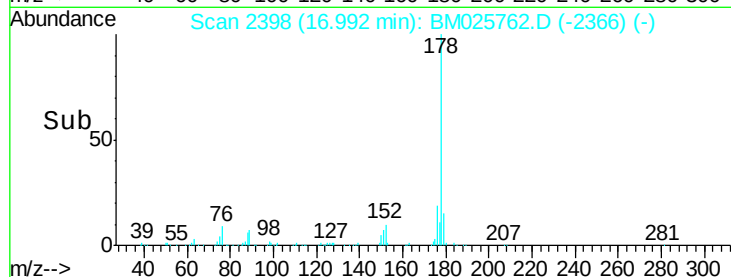
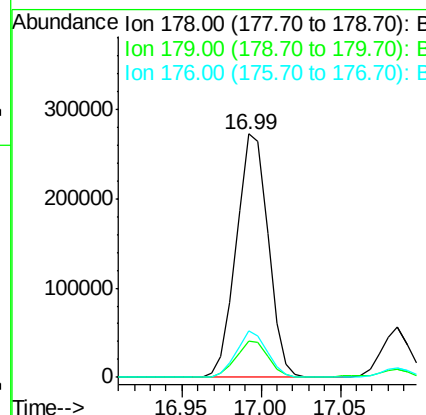
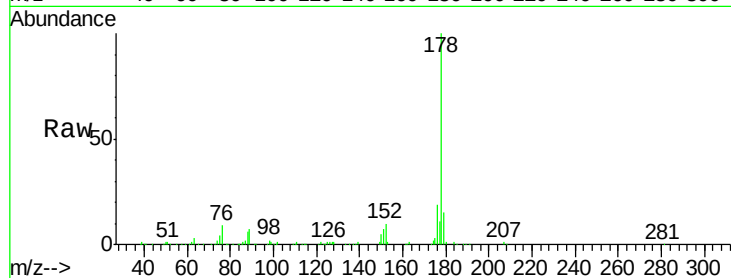
ClientSampleId :

CB790

Tot Ion:	178	Resp:	377797
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	19.0	15.3	22.9

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#72

Anthracene

Concen: 1.312 ng/ul

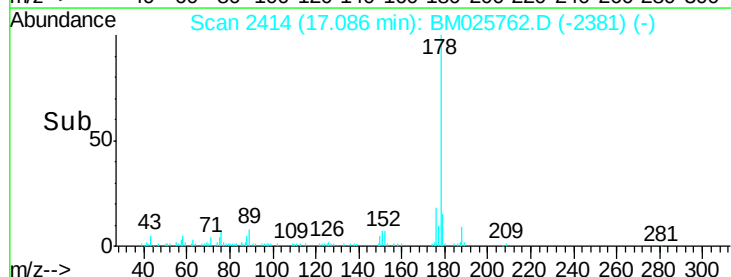
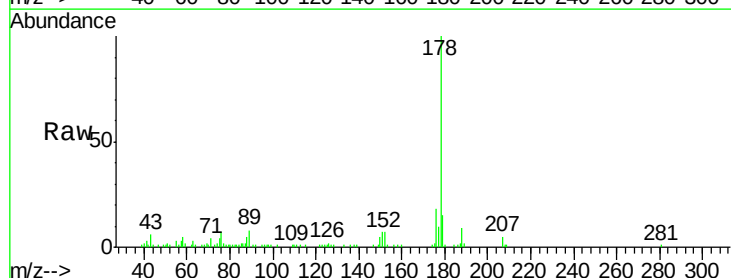
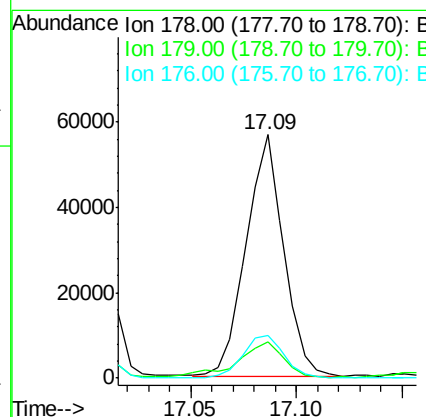
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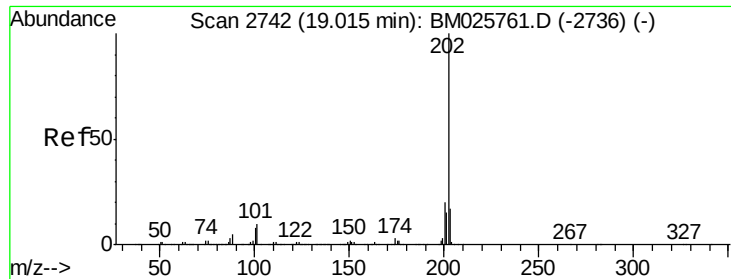
Delta R.T. -0.01 min

Lab File: BM025762.D

Acq: 25 Mar 2020 11:45

Tgt Ion:	178	Resp:	69853
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.5	18.7
176	17.8	14.5	21.7





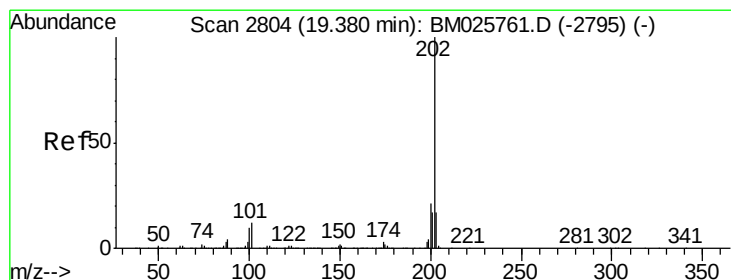
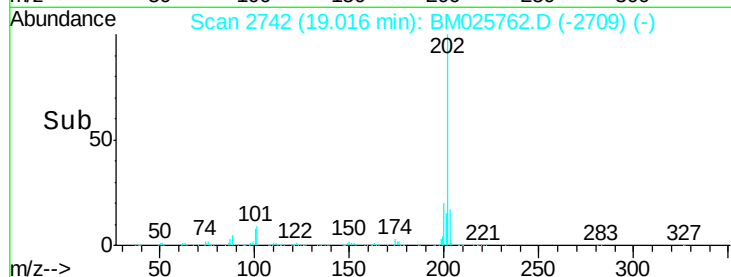
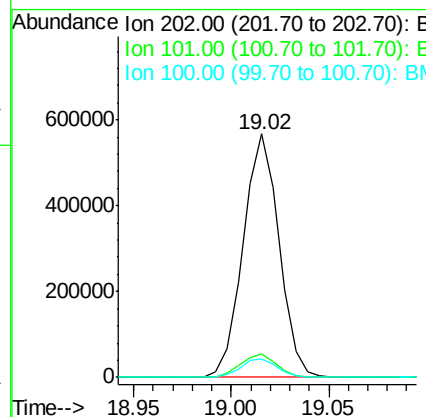
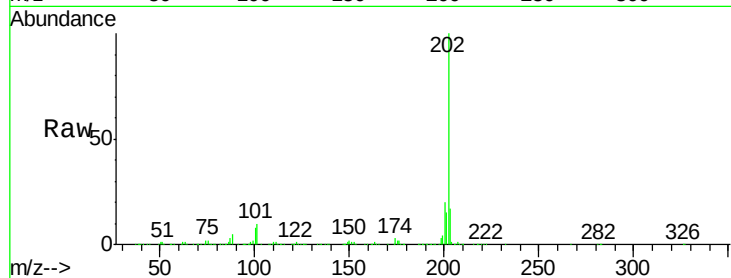
#77
 Fluoranthene
 Concen: 11.694 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM025762.D
 Acq: 25 Mar 2020 11:45

Instrument :
 BNA_M
 ClientSampleId :
 CB790

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	8.2	12.4
100	7.8	6.5	9.7

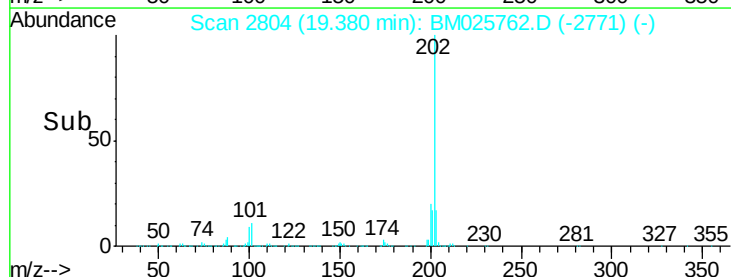
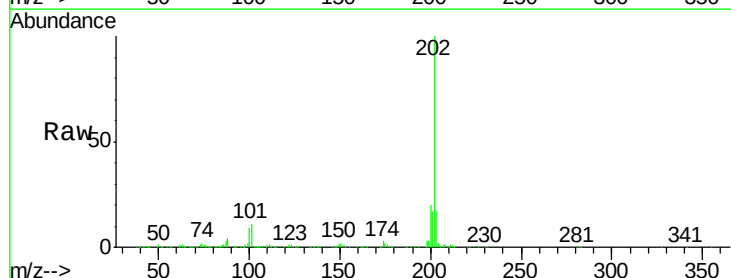
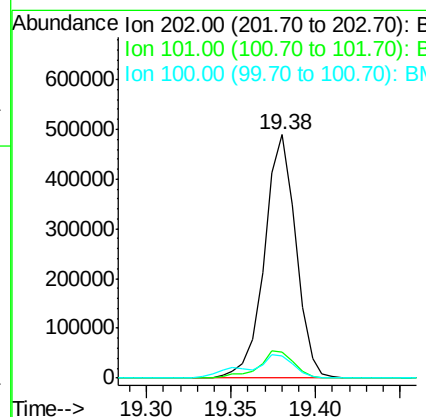
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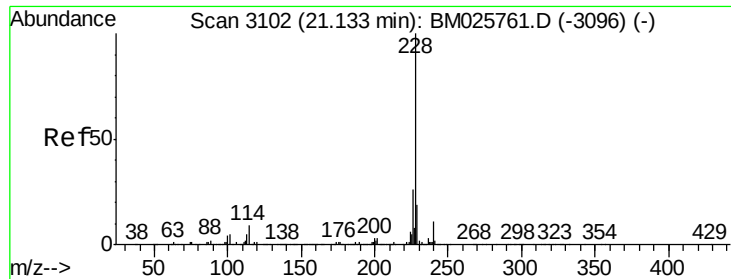
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#80
 Pyrene
 Concen: 9.811 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM025762.D
 Acq: 25 Mar 2020 11:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.9	13.3
100	9.1	7.5	11.3





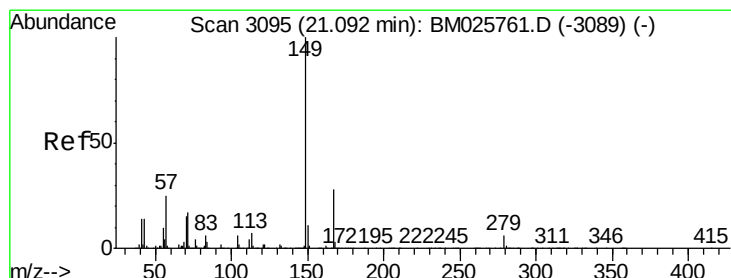
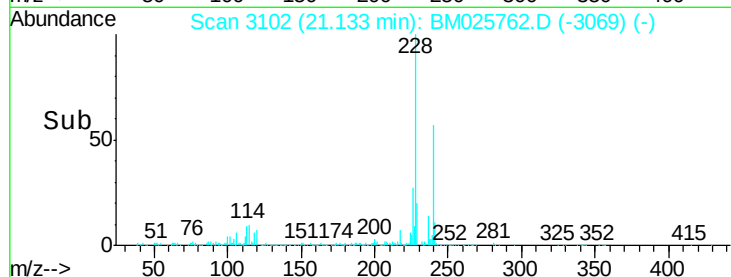
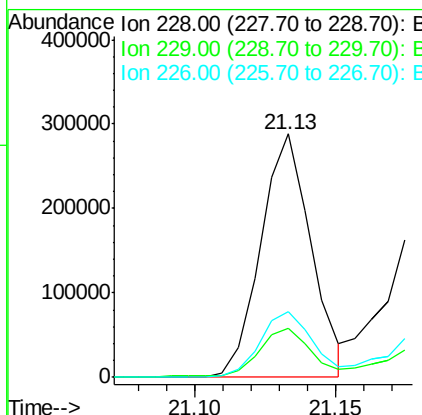
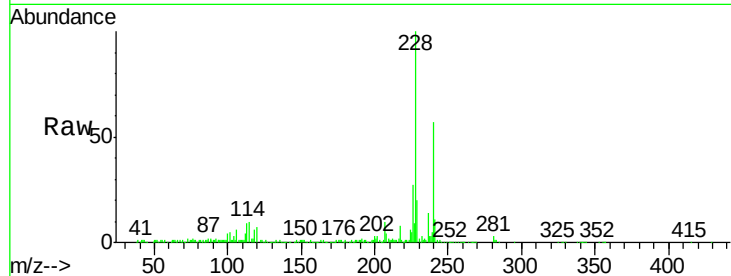
#83
Benzo(a)anthracene
Concen: 5.662 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Instrument :
BNA_M
ClientSampled :
CB790

Tot Ion:	228	Resp:	355834
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.5	23.3
226	27.1	21.0	31.6

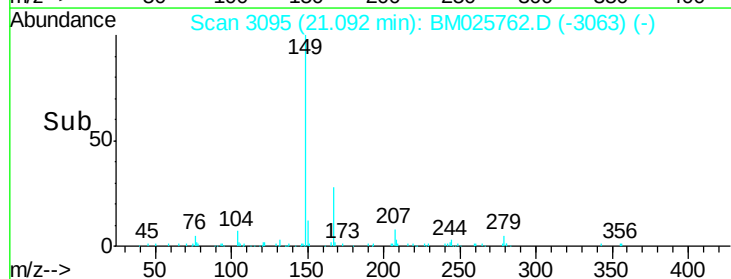
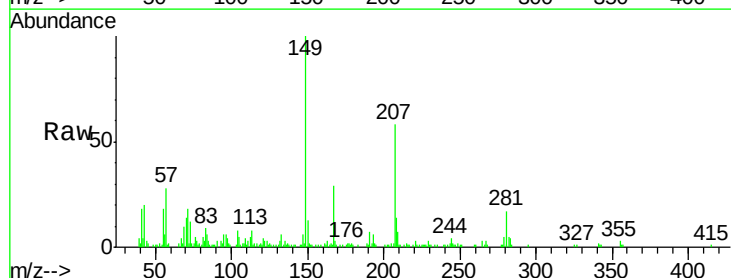
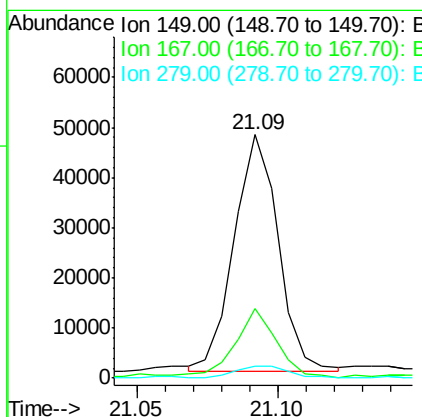
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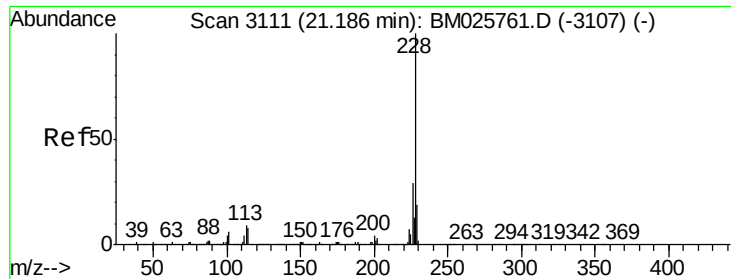
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.365 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Tgt Ion:	149	Resp:	51639
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.7	34.1
279	5.0	4.1	6.1





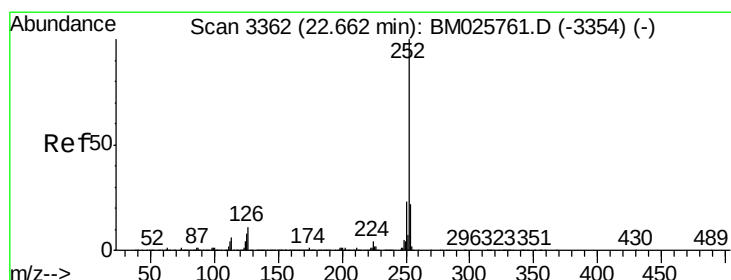
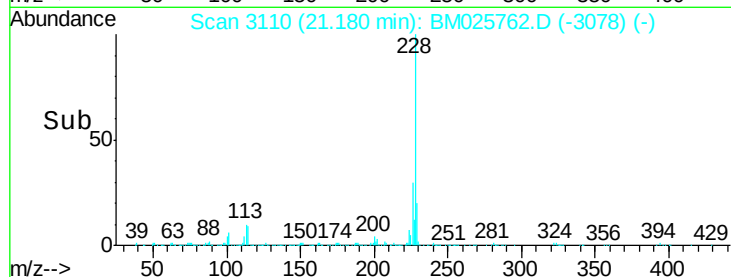
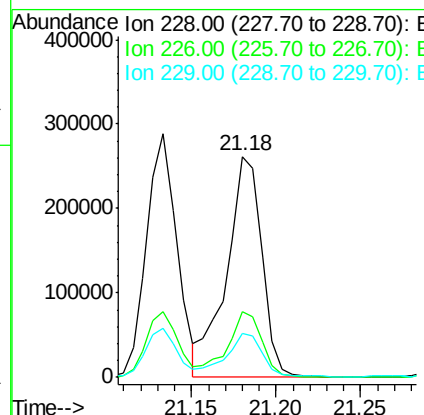
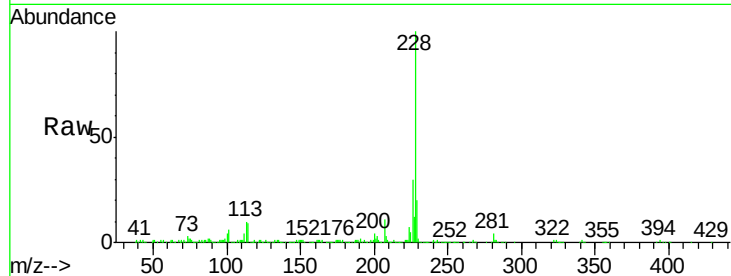
#85
 Chrysene
 Concen: 6.128 ng/ul
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM025762.D
 Acq: 25 Mar 2020 11:45

Instrument :
 BNA_M
 ClientSampleId :
 CB790

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.8	15.6	23.4

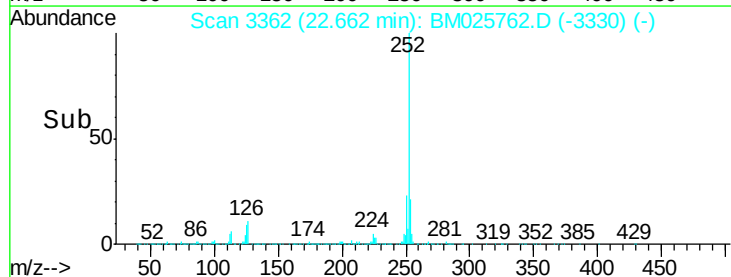
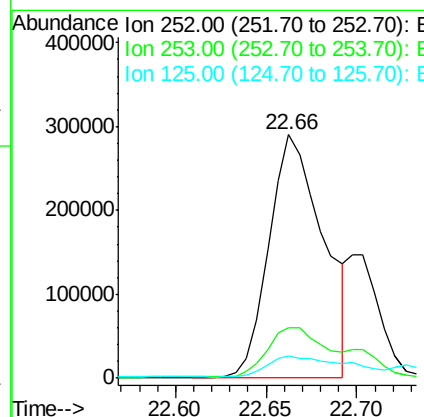
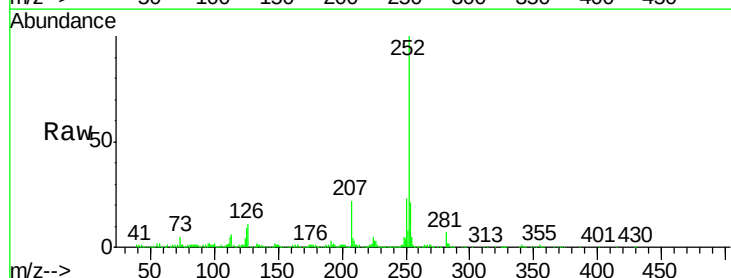
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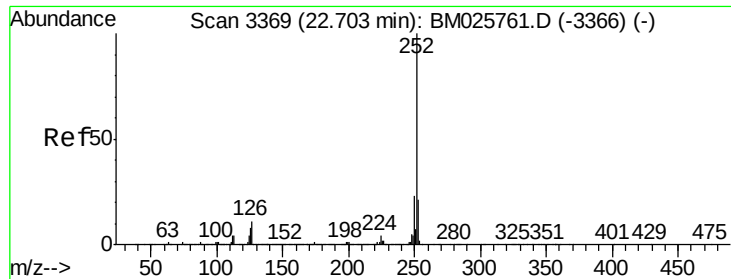
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#88
 Benzo(b)fluoranthene
 Concen: 8.941 ng/ul
 RT: 22.66 min Scan# 3362
 Delta R.T. -0.01 min
 Lab File: BM025762.D
 Acq: 25 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	9.2	6.7	10.1





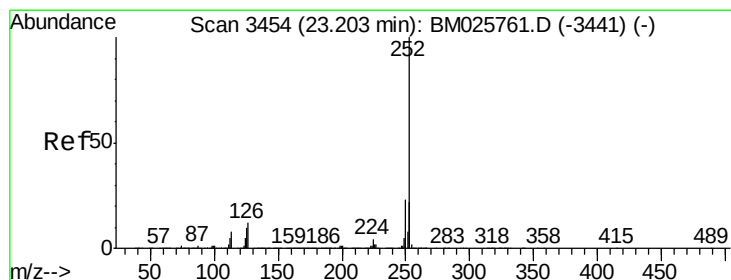
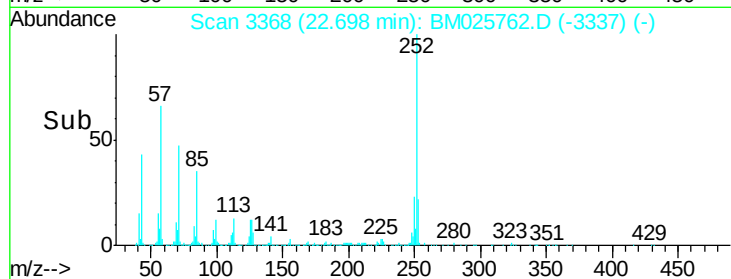
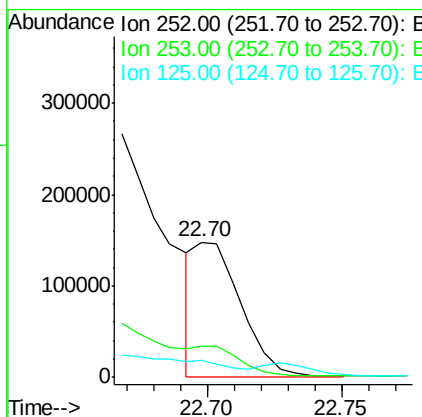
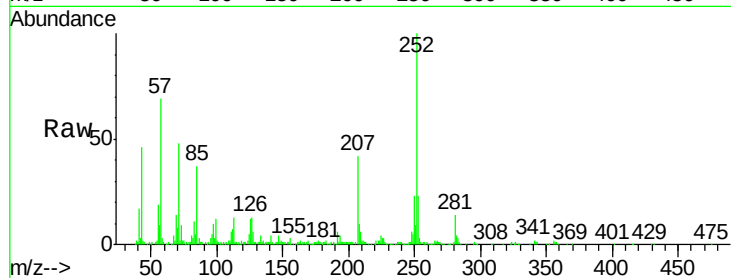
#89
Benzo(k)fluoranthene
Concen: 2.661 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Instrument :
BNA_M
ClientSampleId :
CB790

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.5	6.9	10.3

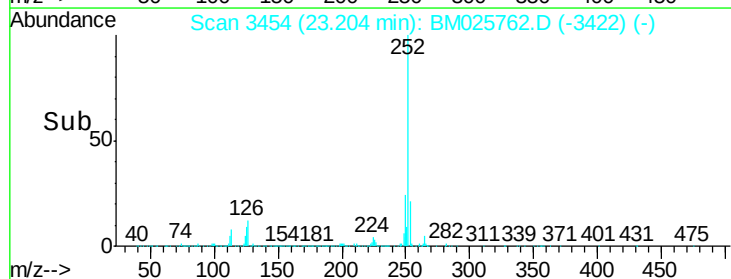
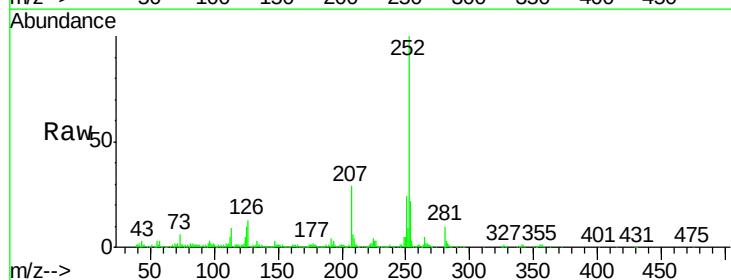
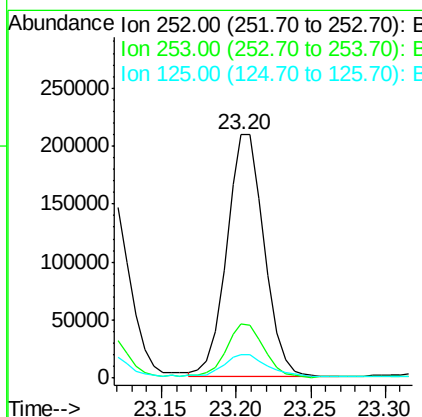
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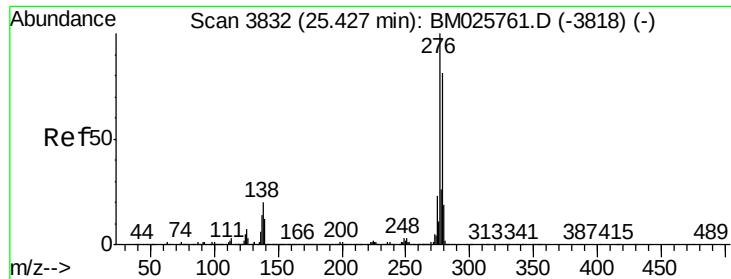
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#91
Benzo(a)pyrene
Concen: 5.925 ng/ul
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.8	7.1	10.7





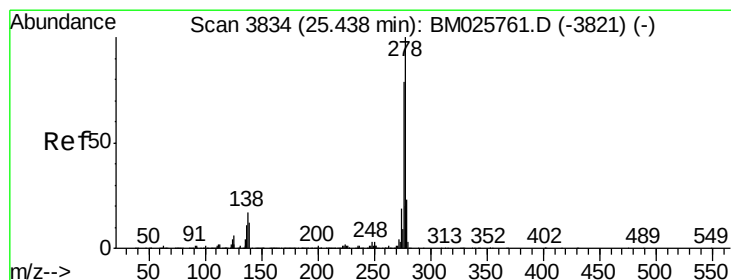
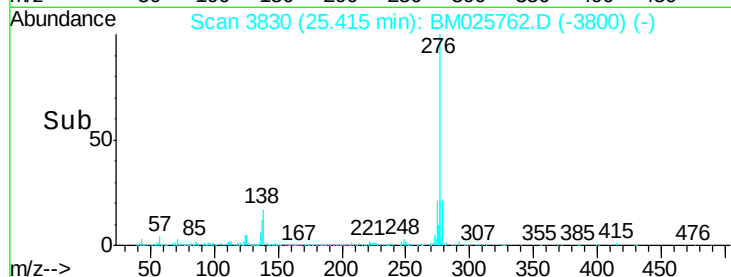
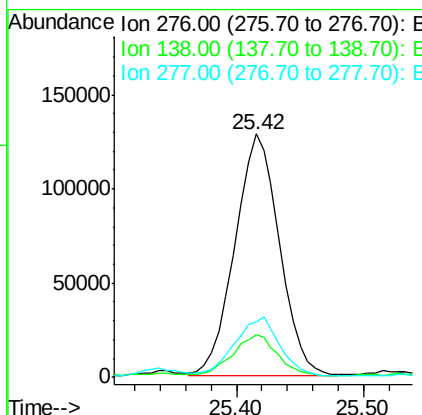
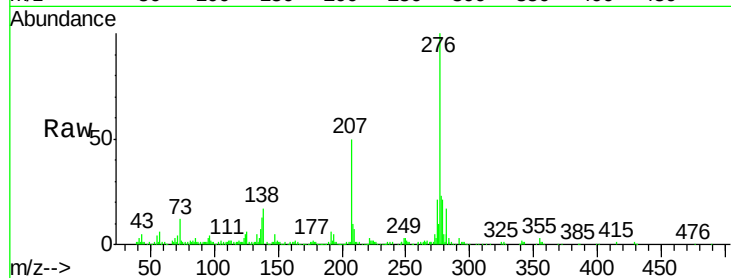
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Indeno(1,2,3-cd)pyrene
Concen: 3.870 ng/ul
RT: 25.42 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Instrument :
BNA_M
ClientSampleId :
CB790

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.5	24.7
277	22.6	19.7	29.5

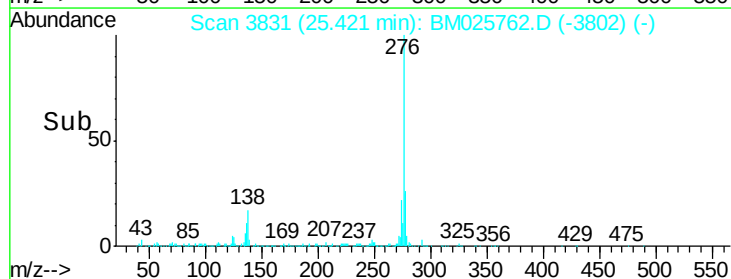
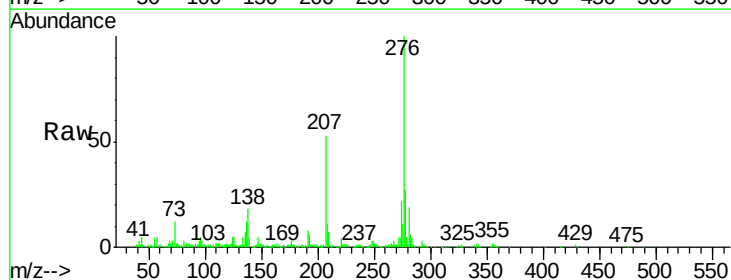
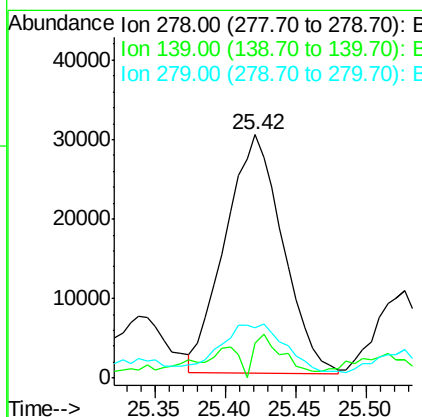
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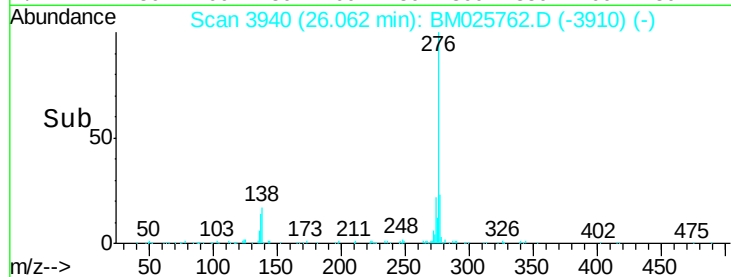
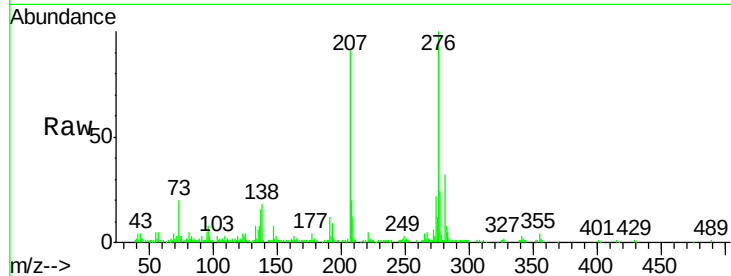
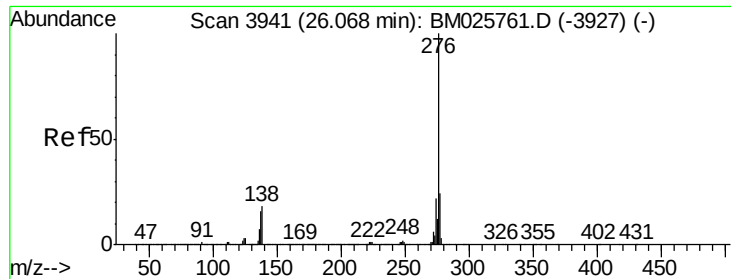
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#93
Dibenzo(a,h)anthracene
Concen: 1.241 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025762.D
Acq: 25 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.4	15.6
279	20.9	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 3.109 ng/ul

RT: 26.06 min Scan# 3940

Delta R.T. -0.02 min

Lab File: BM025762.D

Acq: 25 Mar 2020 11:45

Tot Ion	Ratio	Resp	Lower	Upper
276	100	208165		
138	17.9		13.2	19.8
277	23.7		19.0	28.4

Instrument :

BNA_M

ClientSampleId :

CB790

Manual Integrations
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