

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024741.D
 Acq On : 06 Feb 2020 23:15
 Operator : CG/JU
 Sample : L1398-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 CB6E1

Manual Integrations
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mohammad
 2/10/2020 8:21:58 AM

Quant Time: Feb 07 01:09:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	297164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1168467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	803789	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1798388	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1754769	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1979488	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22193	3.59	ng/uL	0.00
5) Phenol-d5	6.60	99	396074	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	237609	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	368813	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	339522	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	177607	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	214994	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	387638	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	475562	25.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1282463	21.14	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1492168	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	176641	17.92	ng/ul	0.00
58) Fluorene-d10	15.06	176	1127954	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	206206	17.59	ng/ul	0.00
71) Anthracene-d10	16.92	188	1769763	21.56	ng/ul	0.00
79) Pyrene-d10	19.22	212	2100582	23.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2235984	22.49	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.22	128	60163	1.008	ng/ul 98
70) Phenanthrene	16.86	178	911420	9.295	ng/ul 99
72) Anthracene	16.94	178	186886	1.879	ng/ul 99
77) Fluoranthene	18.89	202	1759205	14.614	ng/ul 100
80) Pyrene	19.25	202	1519227	13.080	ng/ul 99
83) Benzo(a)anthracene	21.01	228	890928	7.537	ng/ul 98
85) Chrysene	21.06	228	837092	7.193	ng/ul 100
88) Benzo(b)fluoranthene	22.52	252	1112172	8.836	ng/ul 99
89) Benzo(k)fluoranthene	22.55	252	419579m	3.463	ng/ul
91) Benzo(a)pyrene	23.04	252	728588	6.456	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.19	276	512844	3.650	ng/ul 98
93) Dibenzo(a,h)anthracene	25.19	278	147921	1.236	ng/ul# 93
94) Benzo(g,h,i)perylene	25.81	276	468226	4.007	ng/ul 98

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

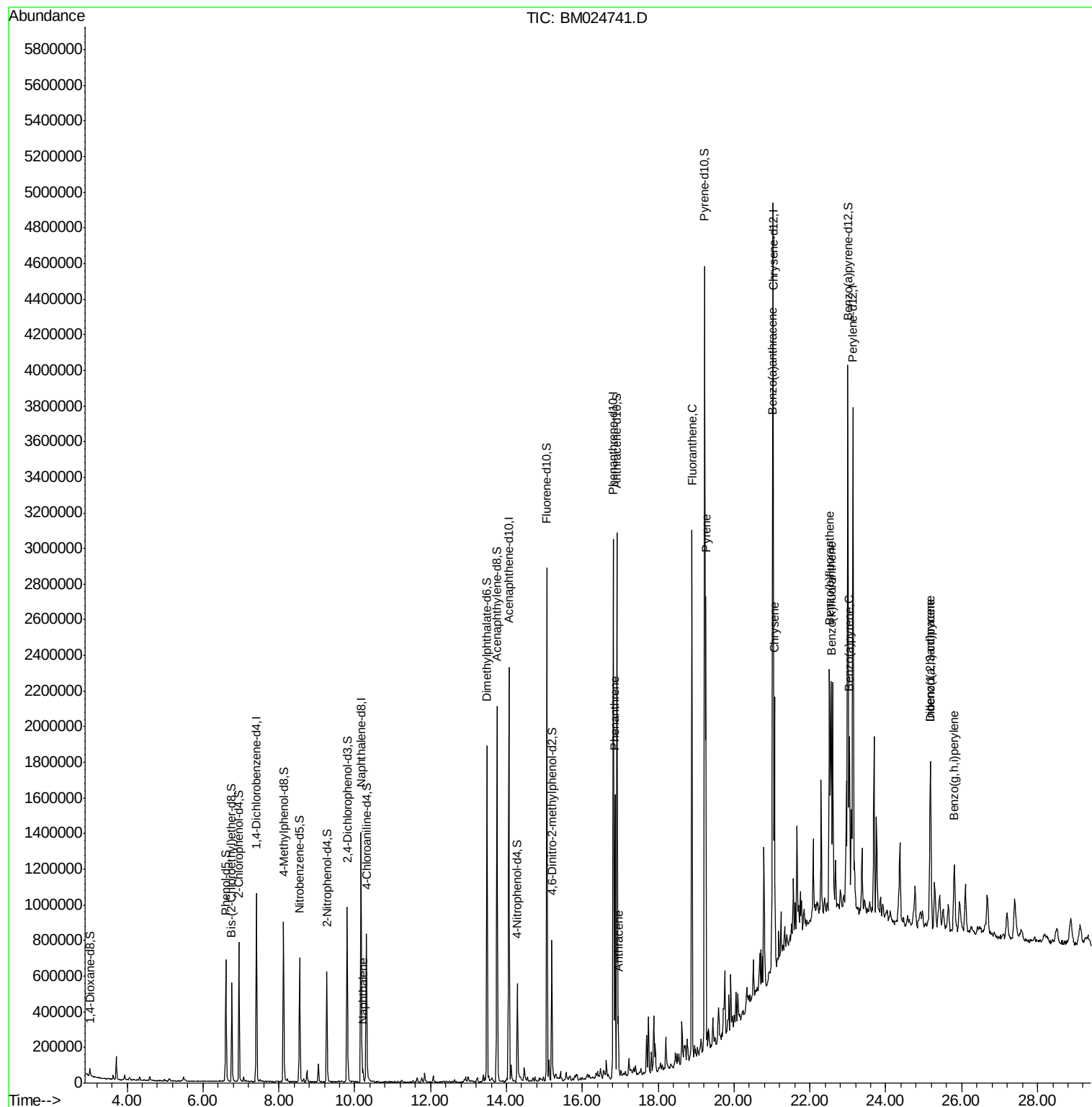
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024741.D
Acq On : 06 Feb 2020 23:15
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ALS Vial : 17 Sample Multiplier: 1

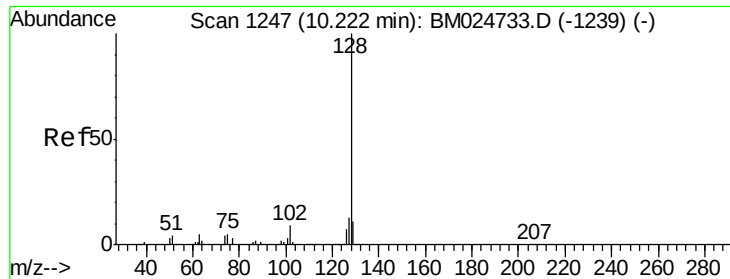
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Feb 07 01:09:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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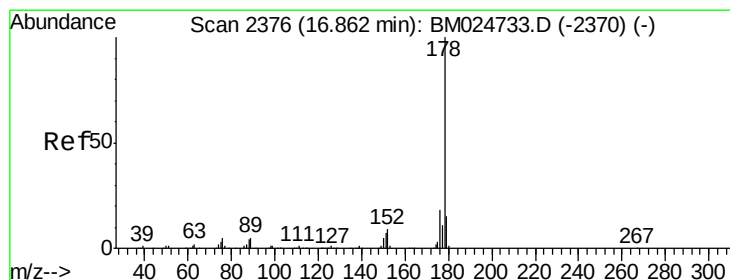
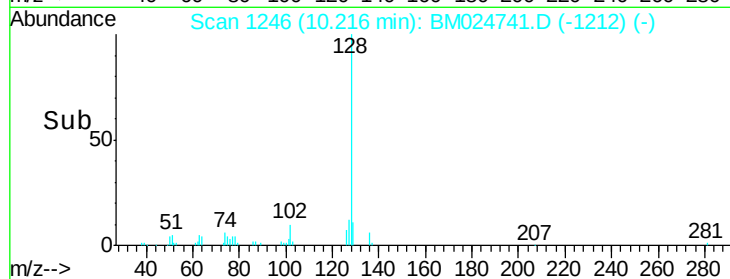
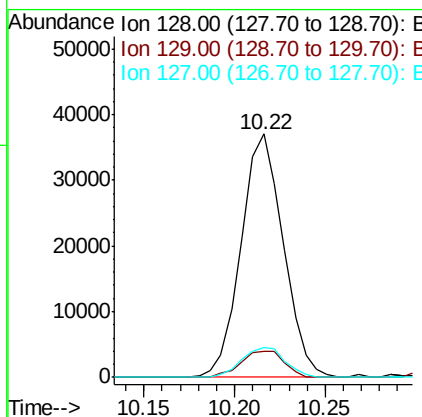
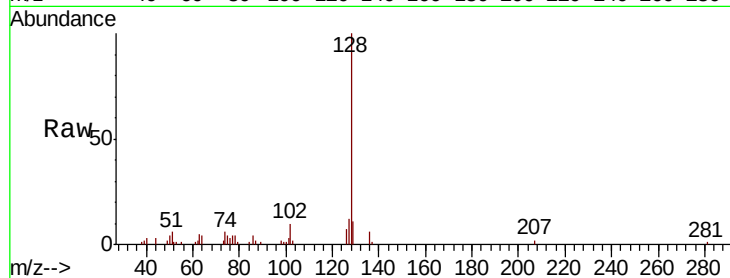
#28
Naphthalene
Concen: 1.008 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Instrument :
BNA_M
ClientSampleId :
CB6E1

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.4	10.4	15.6

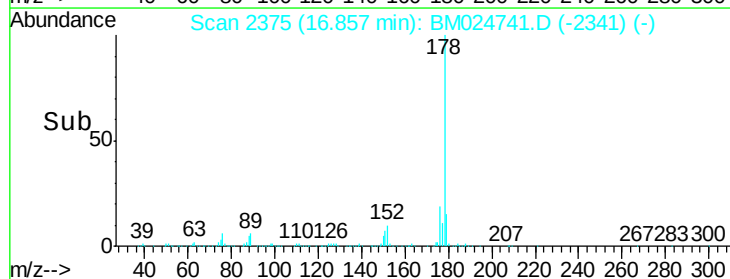
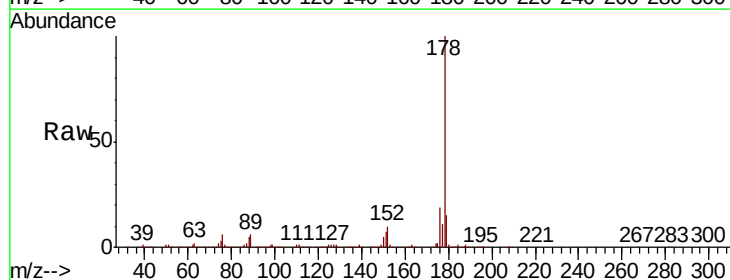
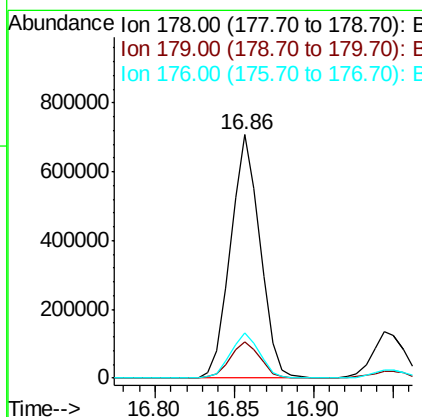
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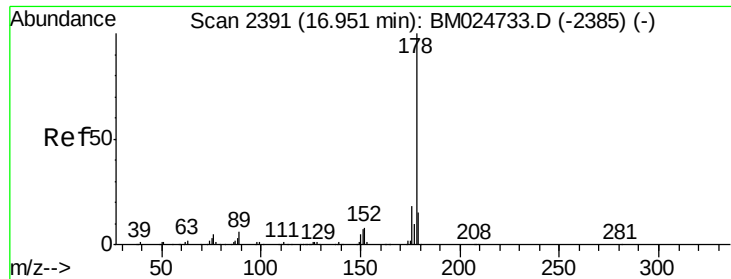
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#70
Phenanthrene
Concen: 9.295 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.7	14.5	21.7





#72

Anthracene

Concen: 1.879 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

Instrument :

BNA_M

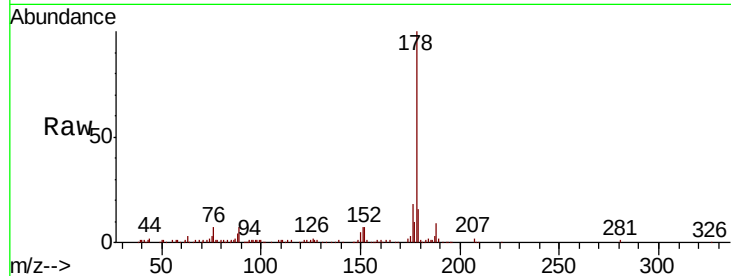
ClientSampleId :

CB6E1

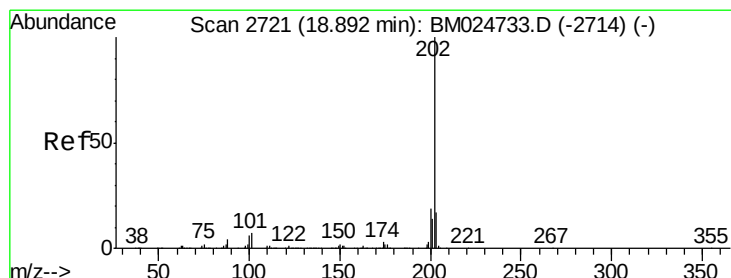
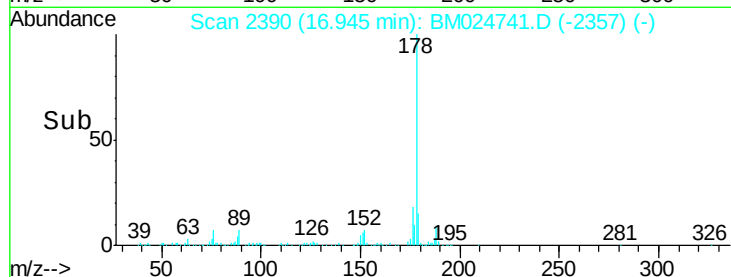
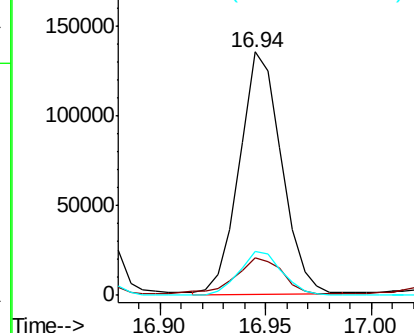
Tot Ion:	178	Resp:	186886
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	18.2	14.1	21.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 14.614 ng/ul

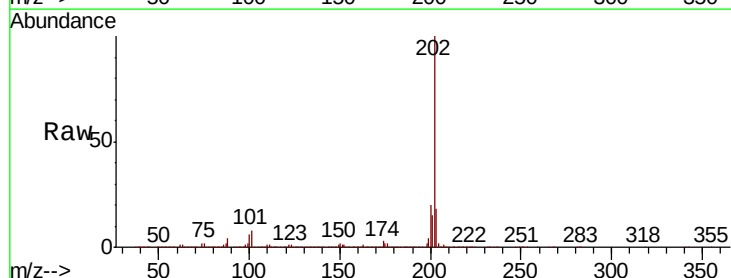
RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

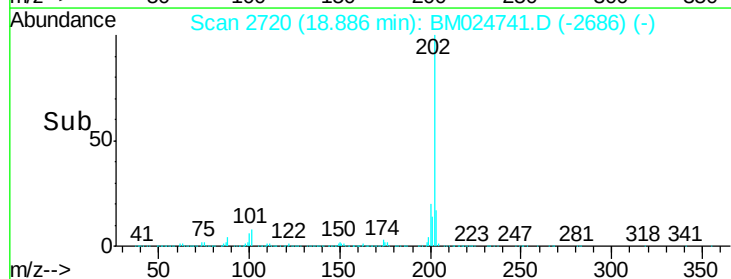
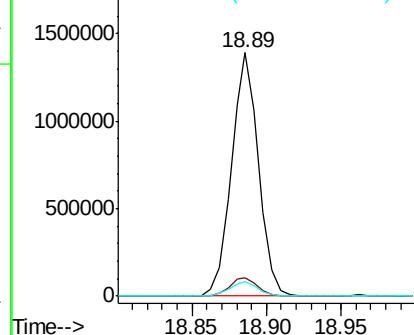
Lab File: BM024741.D

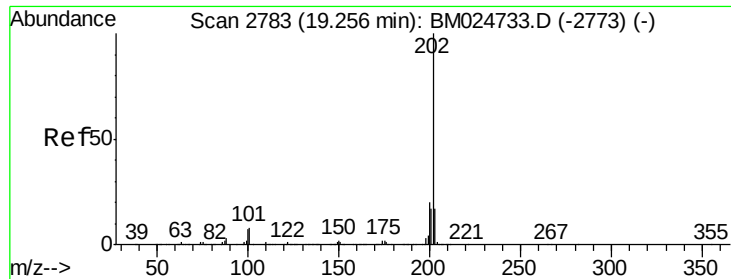
Acq: 06 Feb 2020 23:15

Tgt Ion:	202	Resp:	1759205
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.1	9.1
100	6.1	4.8	7.2



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





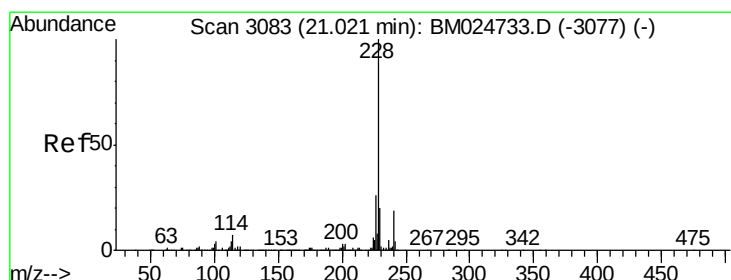
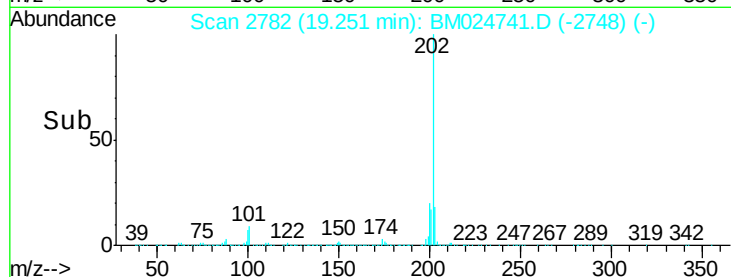
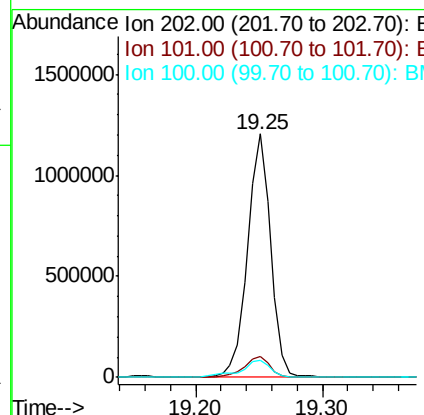
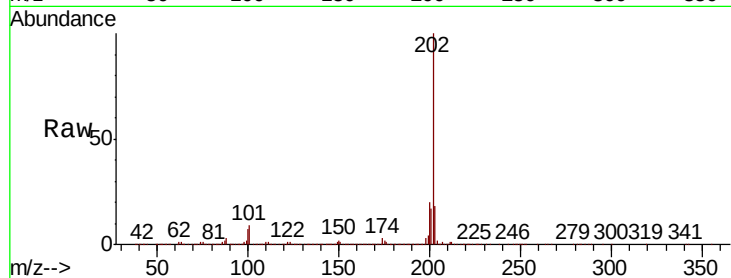
#80
 Pvrene
 Concen: 13.080 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024741.D
 Acq: 06 Feb 2020 23:15

Instrument :
 BNA_M
 ClientSampleId :
 CB6E1

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.0	5.8	8.8

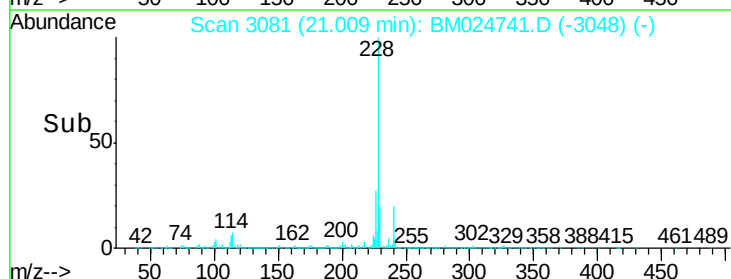
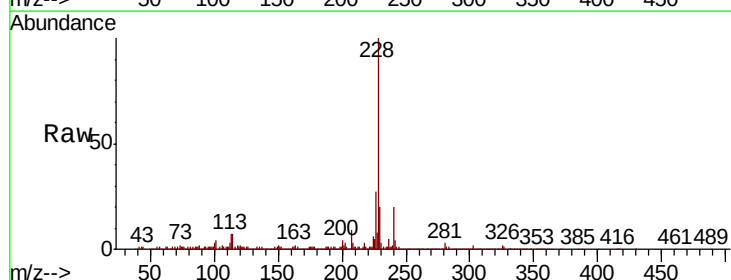
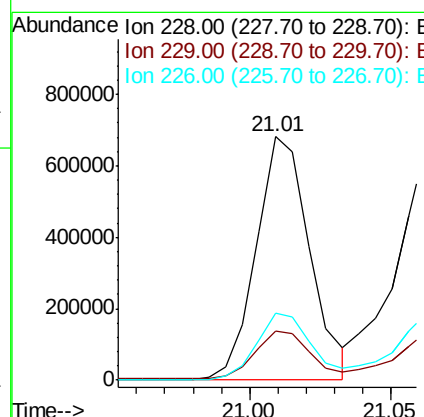
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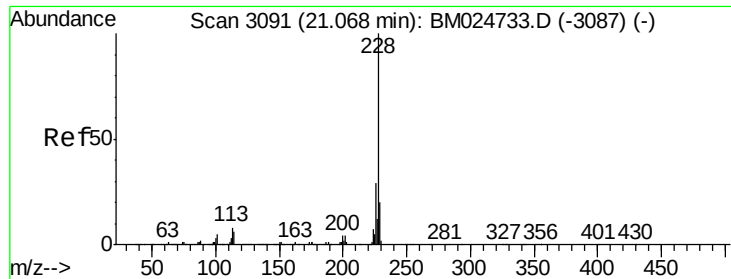
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#83
 Benzo(a)anthracene
 Concen: 7.537 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM024741.D
 Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.4	20.8	31.2





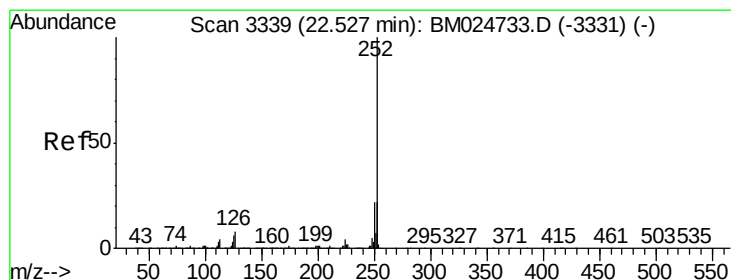
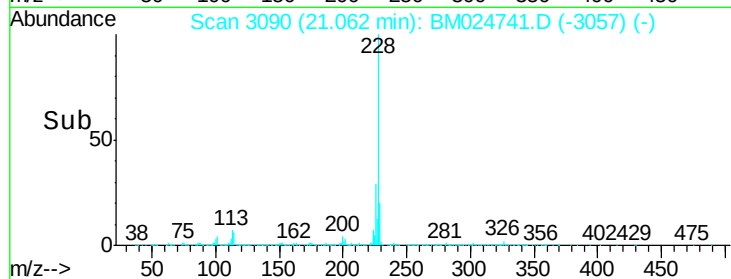
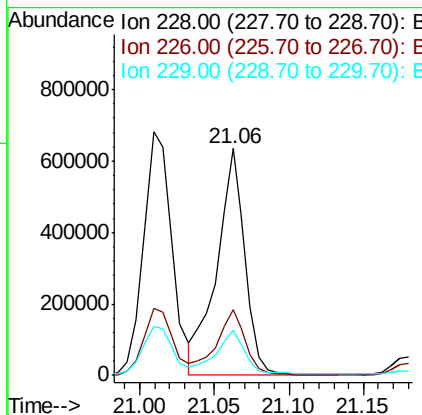
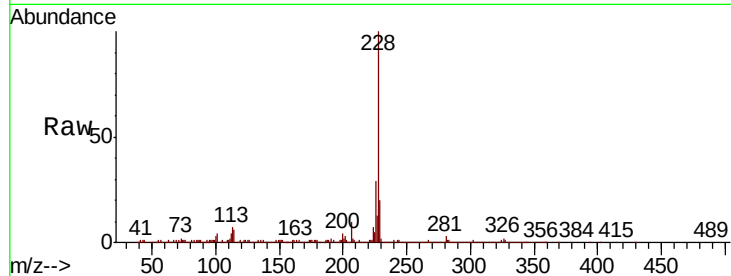
#85
Chrysene
Concen: 7.193 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Instrument :
BNA_M
ClientSampleID :
CB6E1

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.0	15.8	23.8

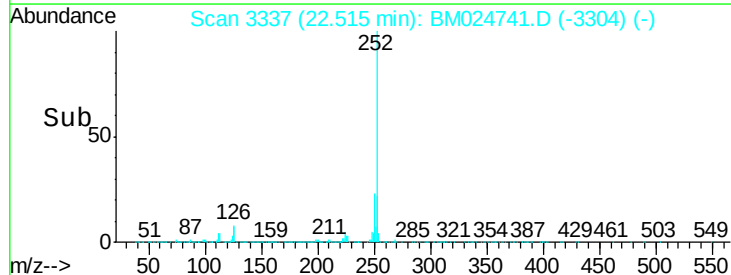
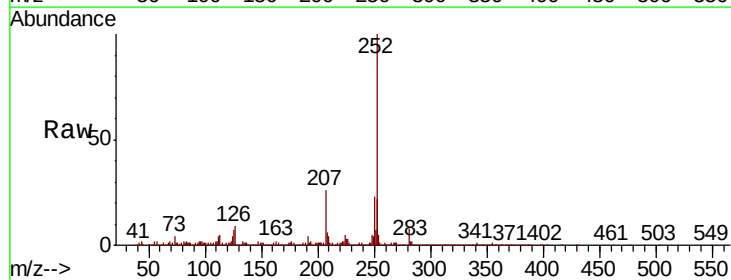
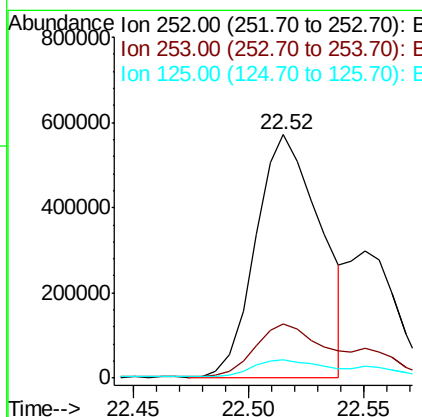
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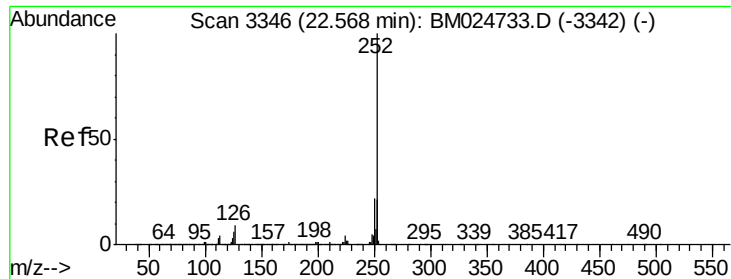
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#88
Benzo(b)fluoranthene
Concen: 8.836 ng/ul
RT: 22.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.4	5.1	7.7





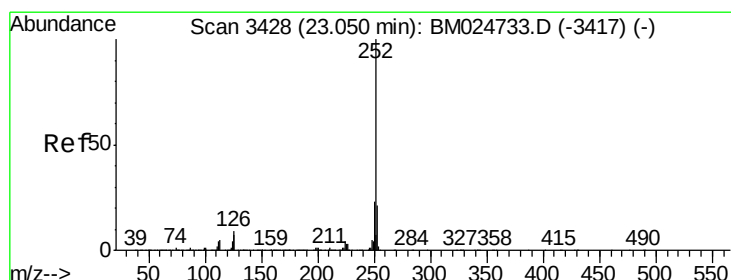
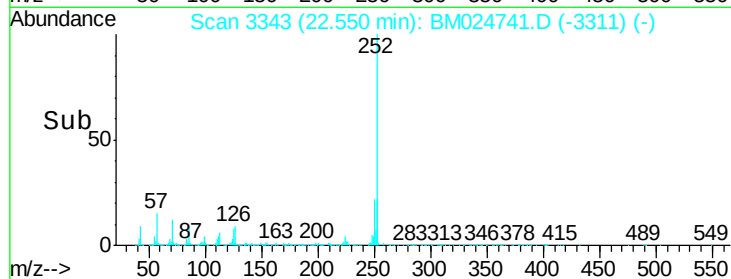
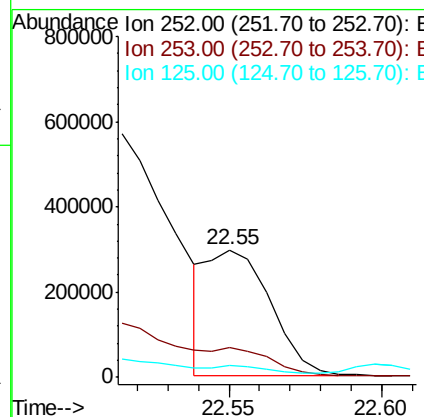
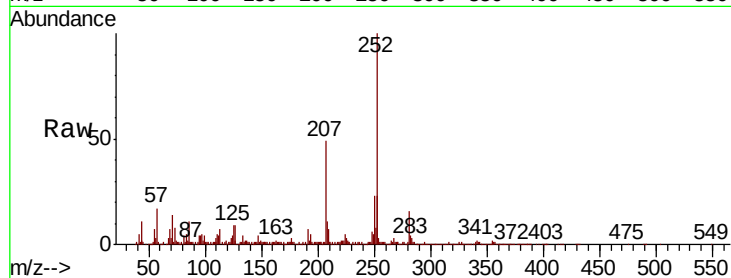
#89
Benzo(k)fluoranthene
Concen: 3.463 ng/ul m
RT: 22.55 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Instrument :
BNA_M
ClientSampled :
CB6E1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	8.9	5.1	7.7

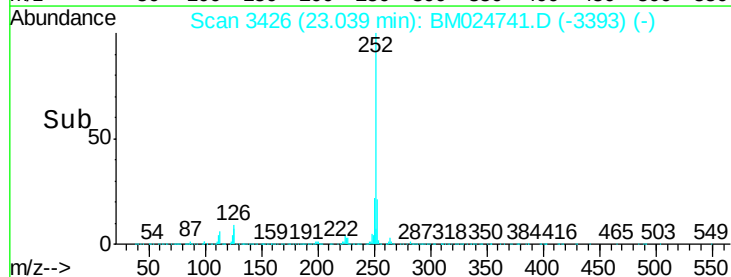
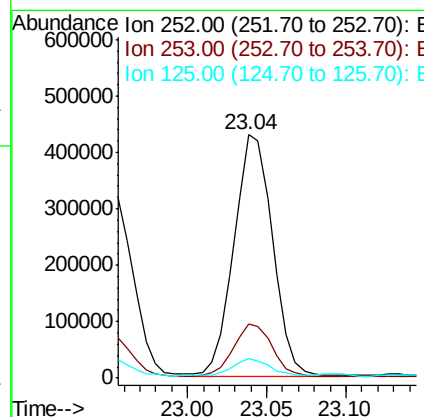
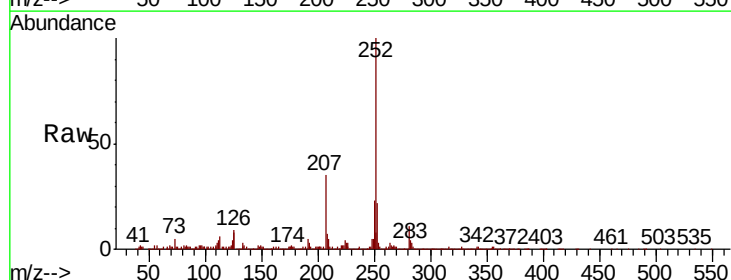
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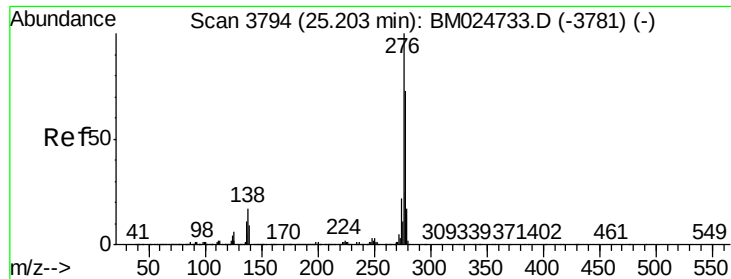
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#91
Benzo(a)pyrene
Concen: 6.456 ng/ul
RT: 23.04 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.9	5.6	8.4





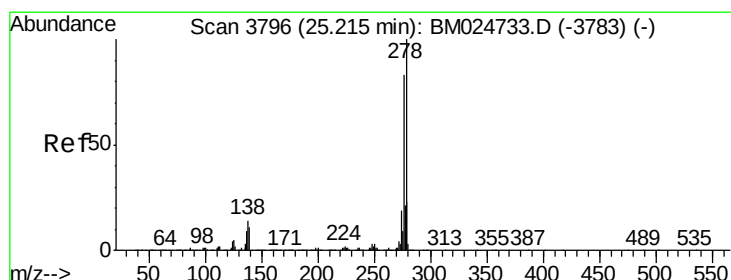
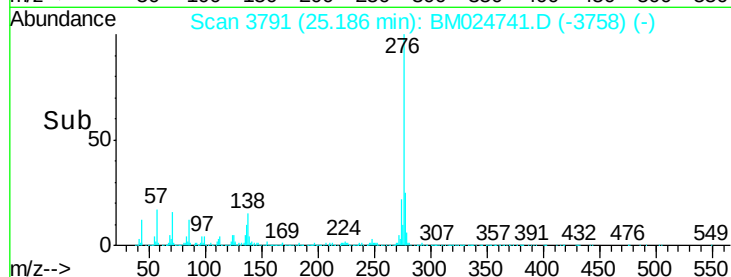
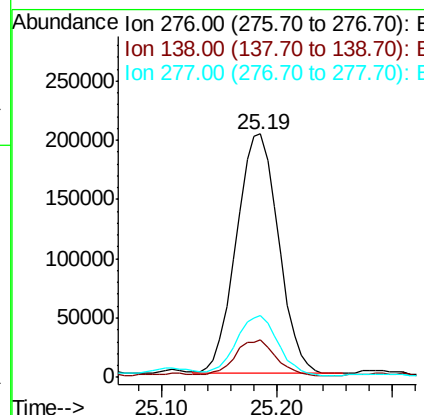
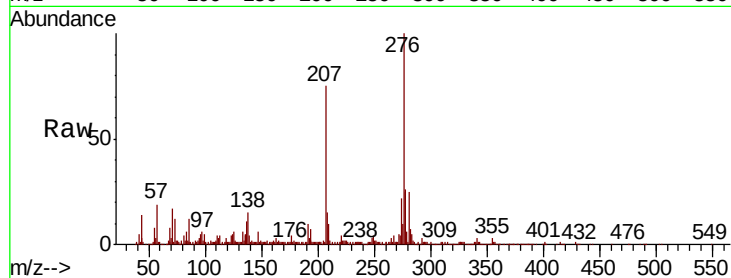
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.650 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Instrument :
BNA_M
ClientSampled :
CB6E1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.8	19.2
277	25.6	19.3	28.9

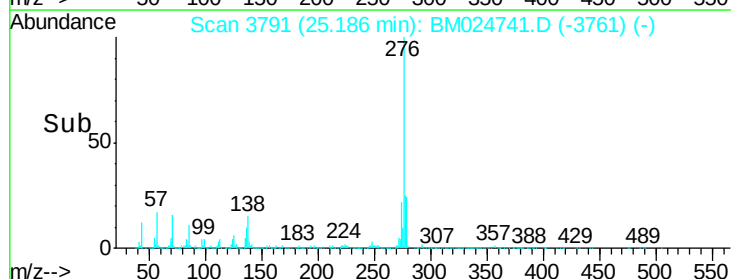
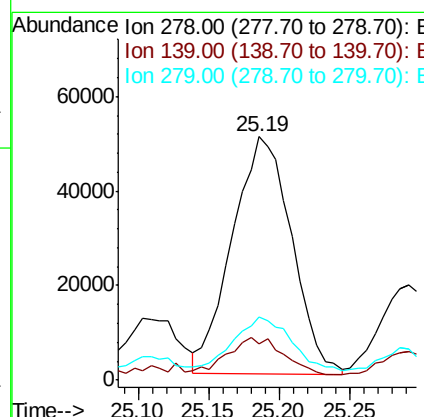
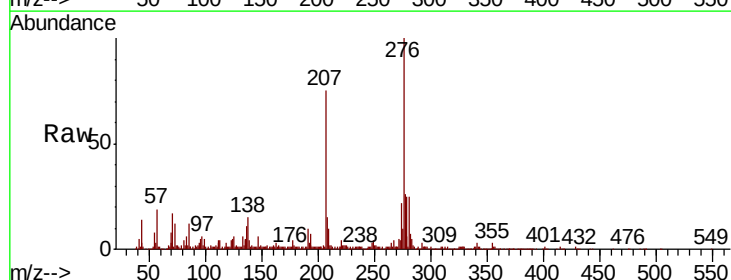
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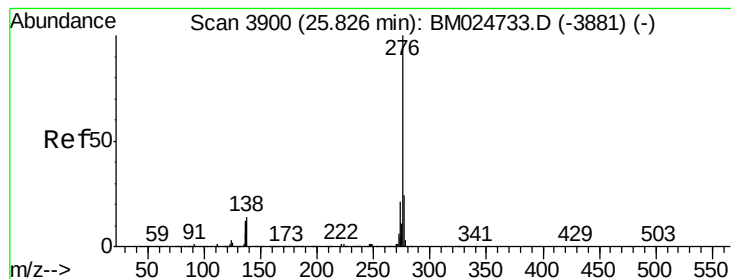
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#93
Dibenzo(a,h)anthracene
Concen: 1.236 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.02 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	8.4	12.6#
279	25.8	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 4.007 ng/ul

RT: 25.81 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BM024741.D

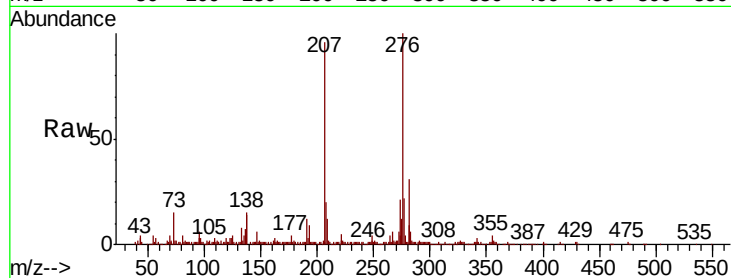
Acq: 06 Feb 2020 23:15

Instrument :

BNA_M

ClientSampleId :

CB6E1



Tot Ion:	276	Resp:	468226
Ion Ratio	Lower	Upper	
276	100		
138	14.8	11.8	17.6
277	22.2	19.0	28.6

Manual Integrations
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