

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024746.D
 Acq On : 07 Feb 2020 02:15
 Operator : CG/JU
 Sample : L1398-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6E6

Manual Integrations
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mohammad
 2/10/2020 8:22:11 AM

Quant Time: Feb 07 04:10:18 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	290267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1171963	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	780916	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1645447	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1474544	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1574628	20.00	ng/ul	0.00

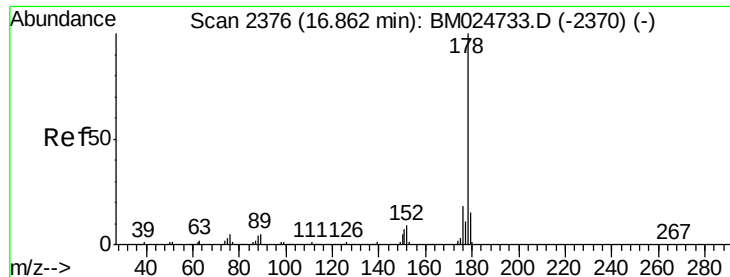
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	15746	2.61	ng/uL	0.00
5) Phenol-d5	6.60	99	282872	14.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	170119	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	259943	15.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	234690	14.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	127797	15.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	150465	15.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	277372	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	338490	17.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	902978	15.32	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1056918	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	105571	11.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	785907	15.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	123619	11.53	ng/ul	0.00
71) Anthracene-d10	16.92	188	1179837	15.71	ng/ul	0.00
79) Pyrene-d10	19.22	212	1336974	18.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1313130	16.60	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	16.86	178	450001	5.016 ng/ul	99
72) Anthracene	16.94	178	94231	1.036 ng/ul	98
77) Fluoranthene	18.89	202	688978	6.256 ng/ul	100
80) Pyrene	19.25	202	571078	5.851 ng/ul	100
83) Benzo(a)anthracene	21.01	228	339577	3.419 ng/ul	100
85) Chrysene	21.06	228	307142	3.141 ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	419960	4.194 ng/ul#	96
89) Benzo(k)fluoranthene	22.55	252	148448m	1.540 ng/ul	
91) Benzo(a)pyrene	23.04	252	271806	3.028 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.18	276	200713	1.796 ng/ul	95
94) Benzo(g,h,i)perylene	25.80	276	180506	1.942 ng/ul	99

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



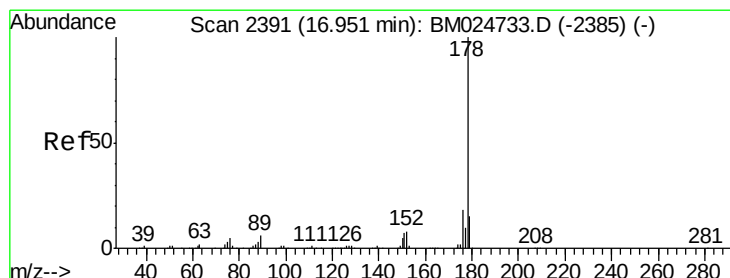
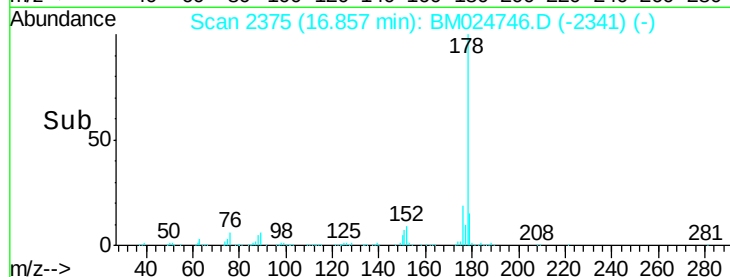
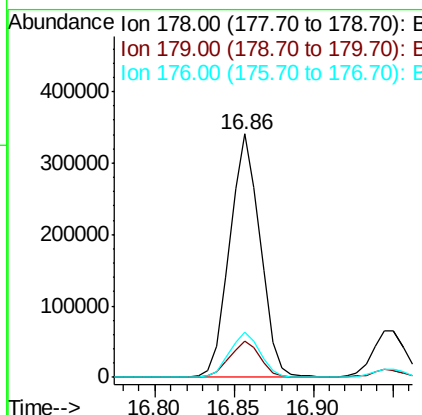
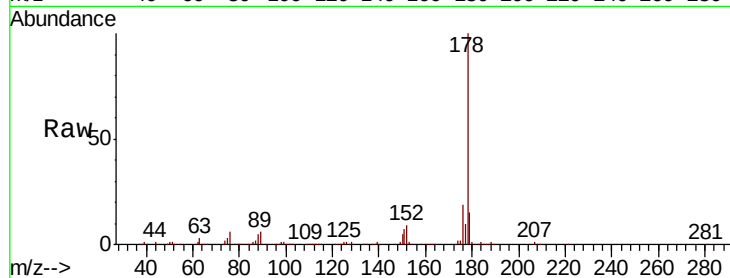
#70
Phenanthrene
Concen: 5.016 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Instrument :
BNA_M
ClientSampleId :
CB6E6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.5	14.5	21.7

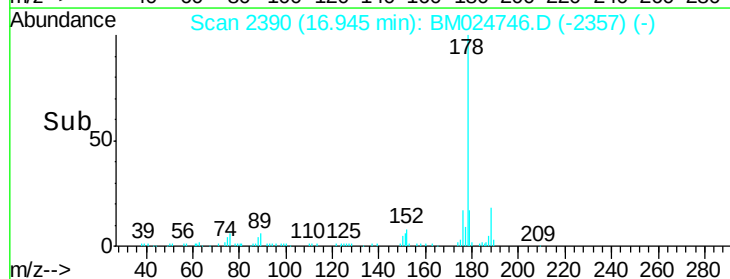
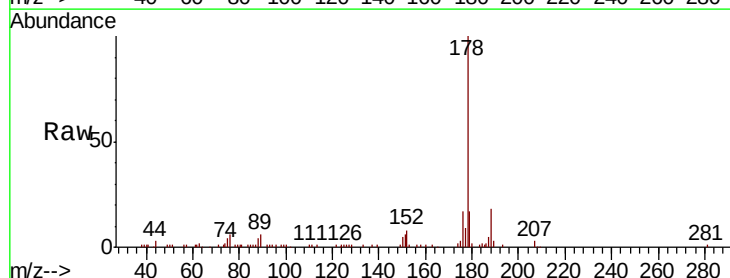
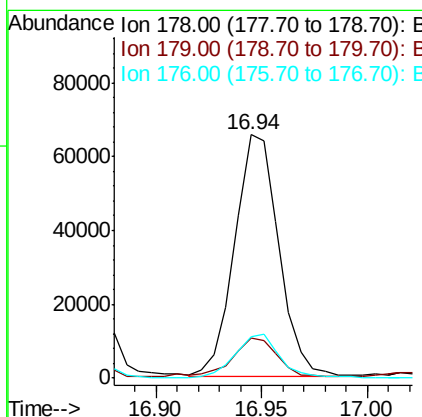
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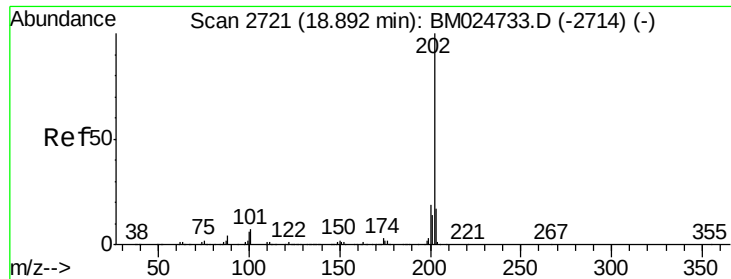
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#72
Anthracene
Concen: 1.036 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	17.1	14.1	21.1





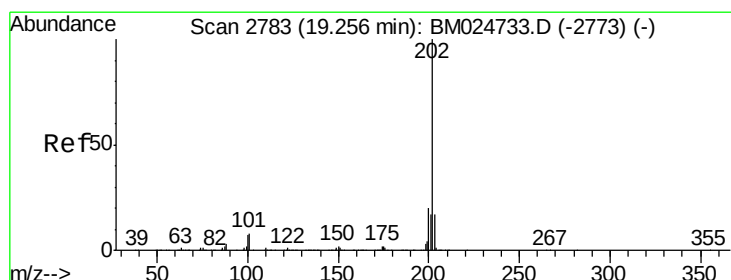
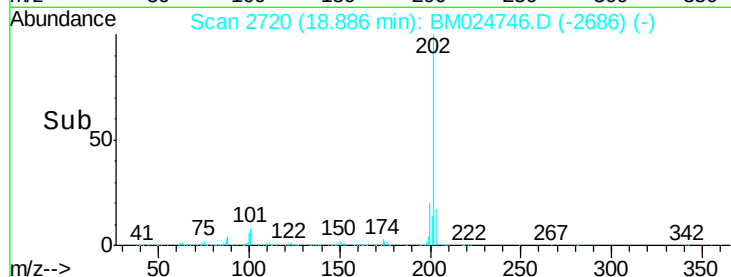
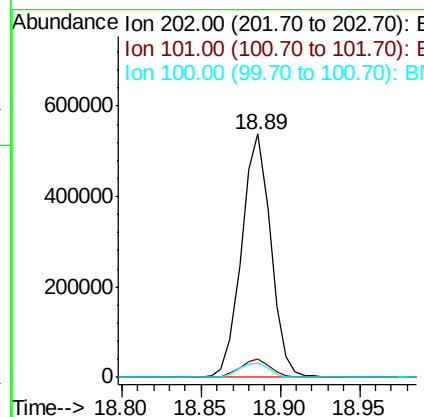
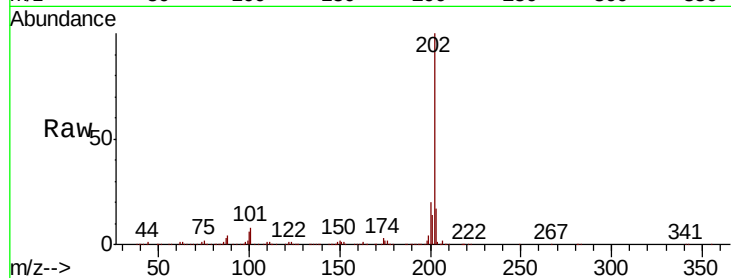
#77
 Fluoranthene
 Concen: 6.256 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024746.D
 Acq: 07 Feb 2020 02:15

Instrument :
 BNA_M
 ClientSampleId :
 CB6E6

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.8	6.1	9.1
100	5.9	4.8	7.2

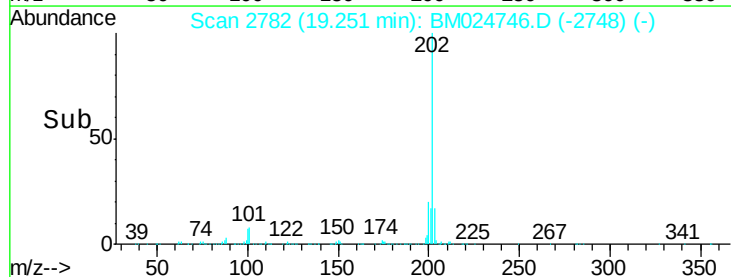
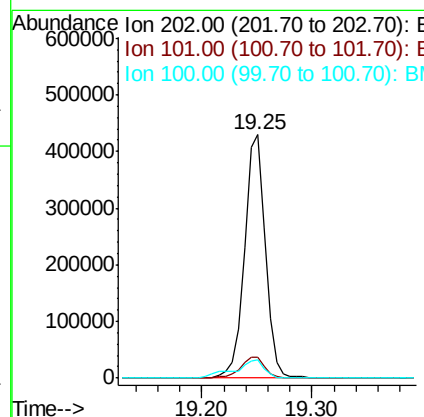
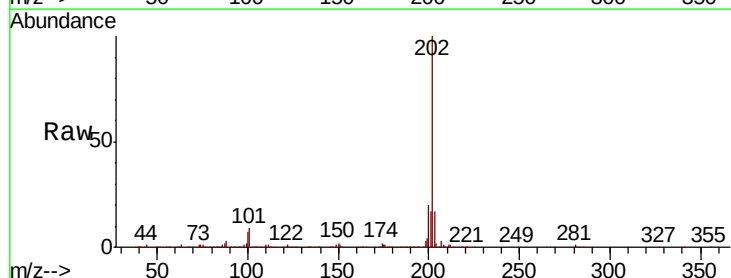
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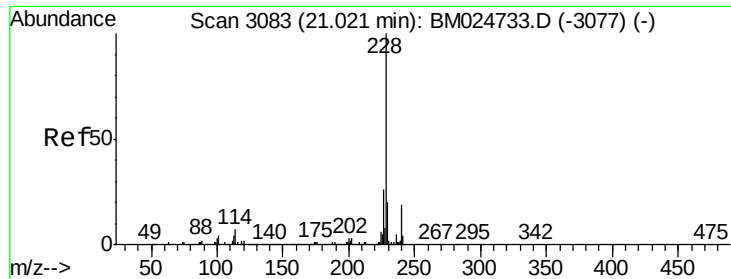
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#80
 Pyrene
 Concen: 5.851 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024746.D
 Acq: 07 Feb 2020 02:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.5	7.0	10.4
100	7.3	5.8	8.8





#83

Benzo(a)anthracene

Concen: 3.419 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Instrument :

BNA_M

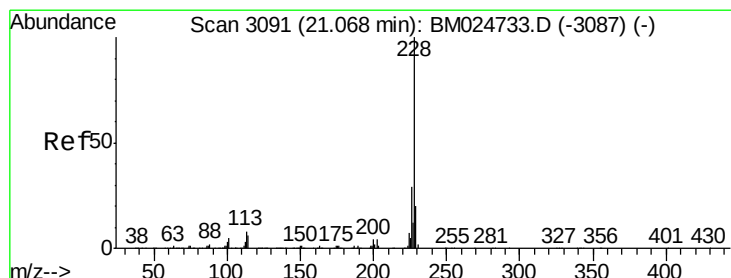
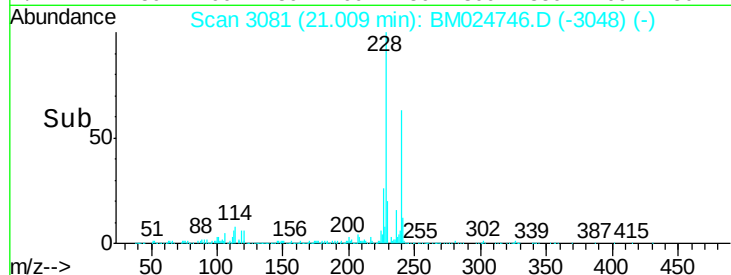
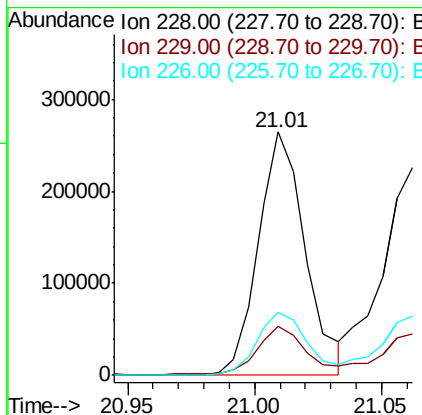
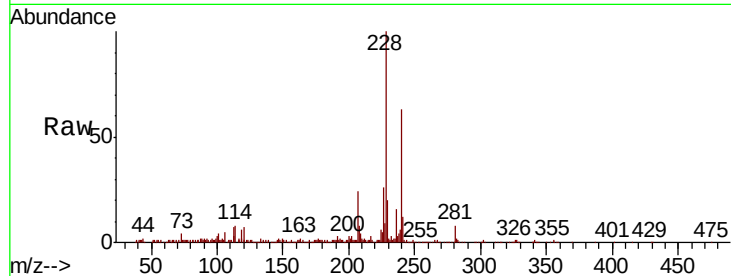
ClientSampleId :

CB6E6

Tot Ion:	228	Resp:	339577
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	26.0	20.8	31.2

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#85

Chrysene

Concen: 3.141 ng/ul

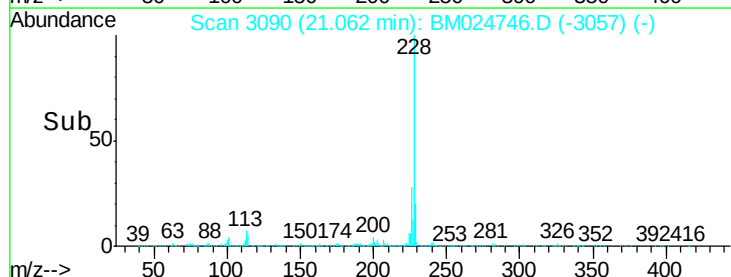
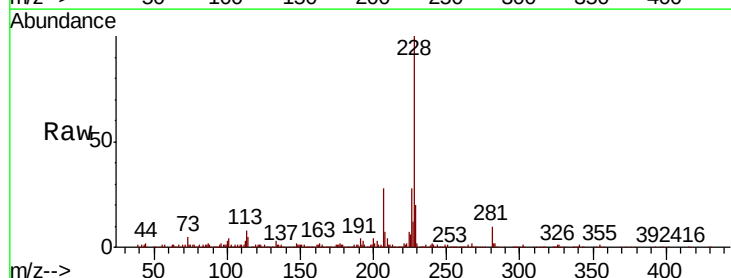
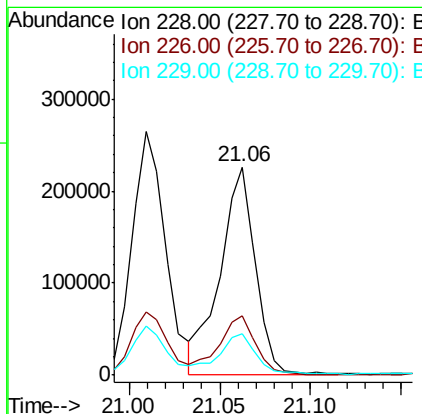
RT: 21.06 min Scan# 3090

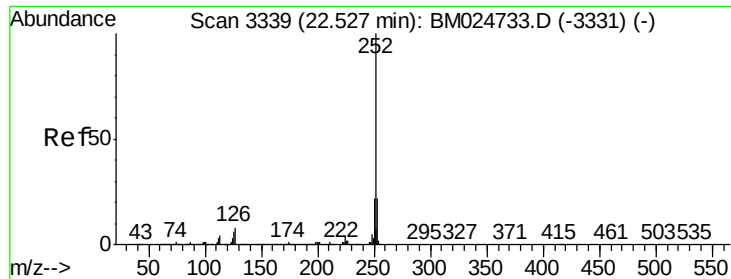
Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Tgt Ion:	228	Resp:	307142
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.4
229	20.0	15.8	23.8





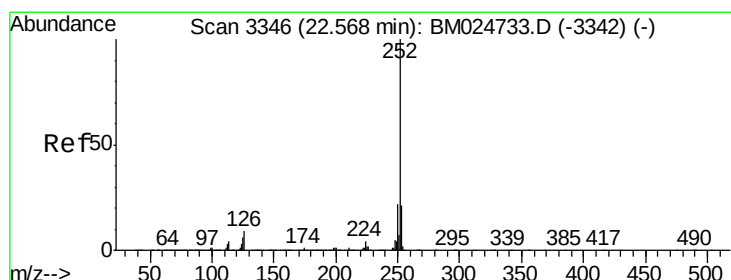
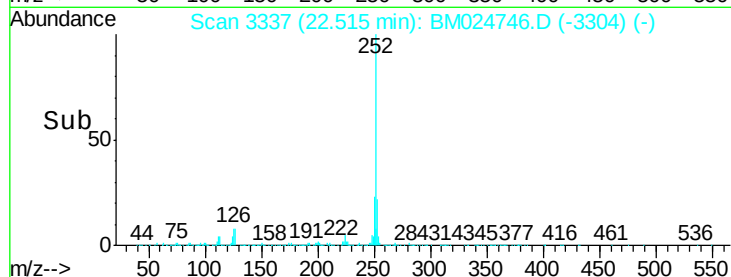
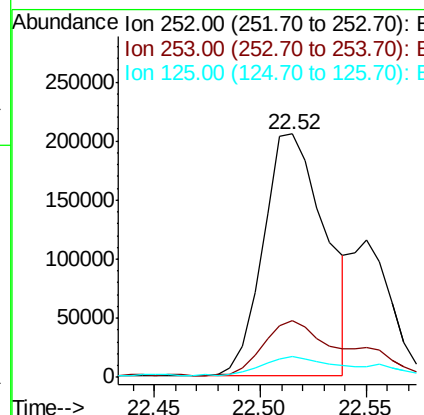
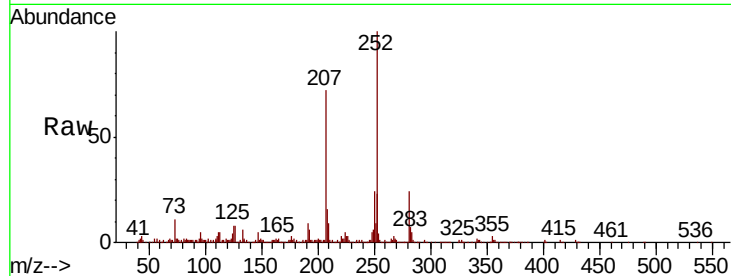
#88
Benzo(b)fluoranthene
Concen: 4.194 ng/ul
RT: 22.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Instrument :
BNA_M
ClientSampleId :
CB6E6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	8.4	5.1	7.7#

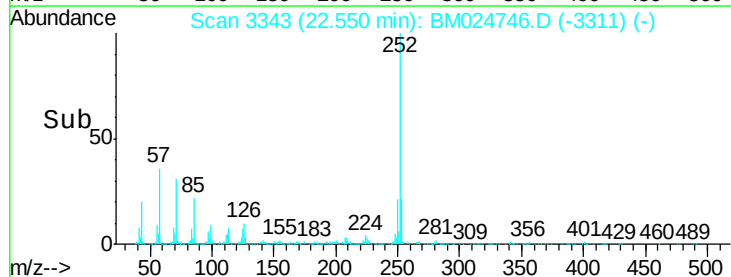
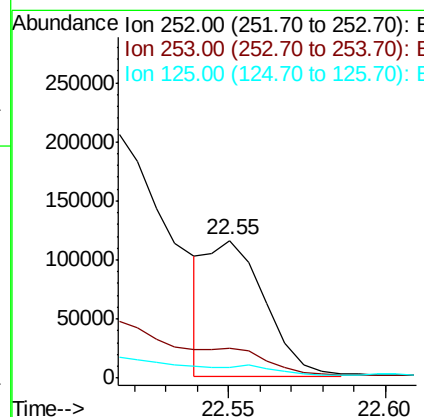
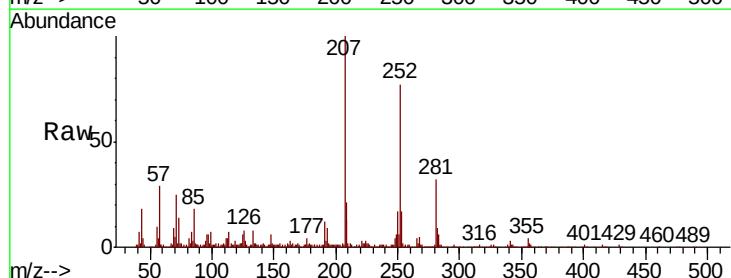
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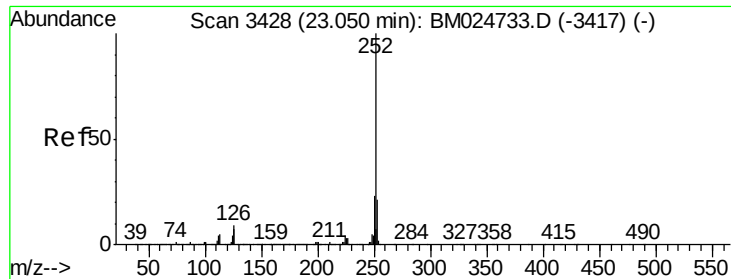
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#89
Benzo(k)fluoranthene
Concen: 1.540 ng/ul m
RT: 22.55 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.2	5.1	7.7#





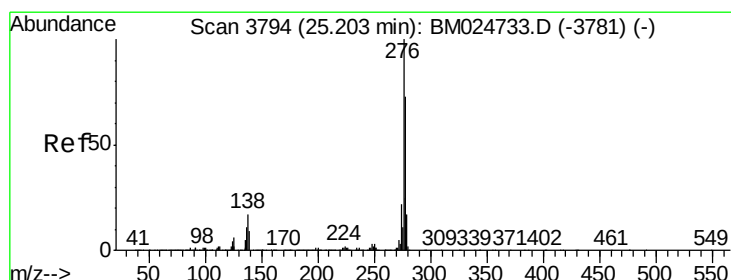
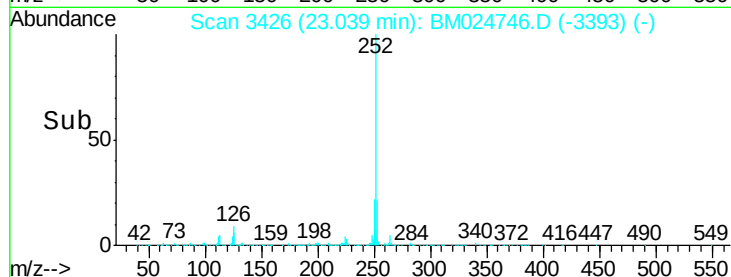
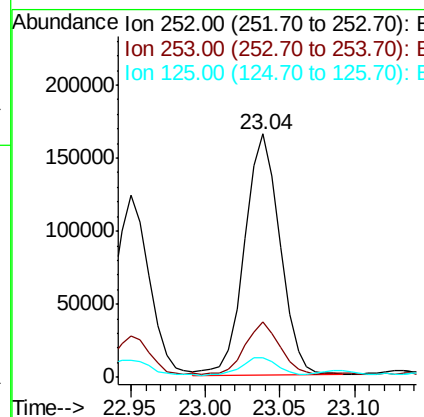
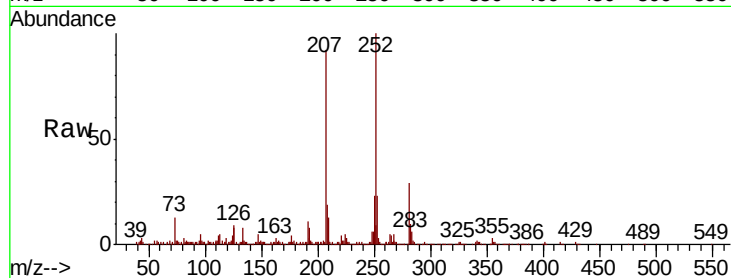
#91
Benzo(a)pyrene
Concen: 3.028 ng/ul
RT: 23.04 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Instrument :
BNA_M
ClientSampleId :
CB6E6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.3	5.6	8.4

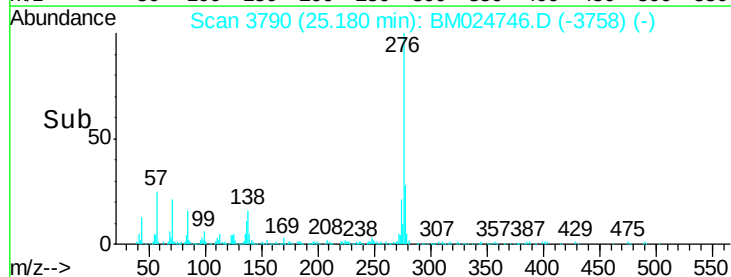
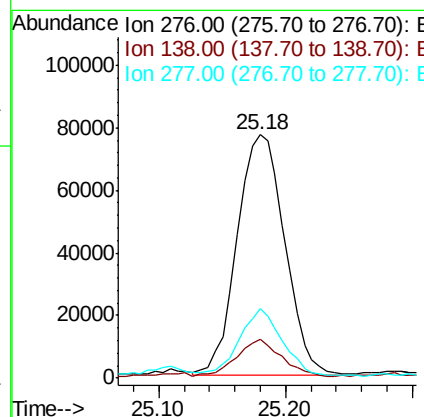
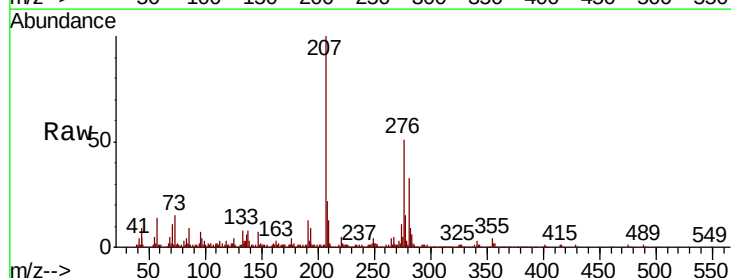
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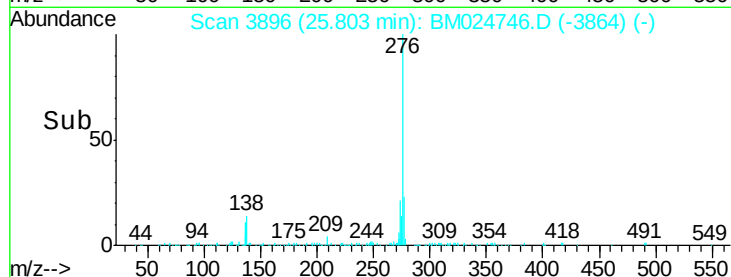
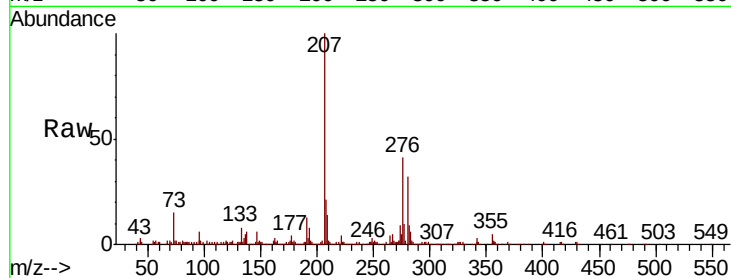
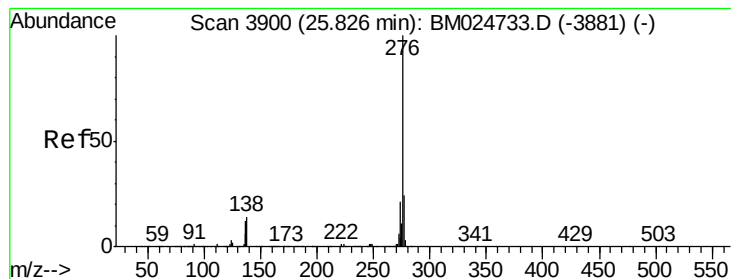
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.796 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.01 min
Lab File: BM024746.D
Acq: 07 Feb 2020 02:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.8	19.2
277	28.5	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 1.942 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Tot Ion:	276	Resp:	180506
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.8	17.6
277	24.6	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

CB6E6

Manual Integrations
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