

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024794.D
 Acq On : 08 Feb 2020 12:03
 Operator : CG/JU
 Sample : L1400-13
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H9

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:40 AM

Quant Time: Feb 10 01:14:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	315952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1228129	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	830488	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1832092	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1816432	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1818959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	27952	4.26	ng/uL	0.00
5) Phenol-d5	6.60	99	497571	23.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	308099	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	458984	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	425315	24.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	227854	25.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	277349	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	495277	23.40	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	561174	28.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1673710	26.70	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1865396	25.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	231823	22.76	ng/ul	0.00
58) Fluorene-d10	15.06	176	1426110	25.69	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	250936	21.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	2088904	24.98	ng/ul	0.00
79) Pyrene-d10	19.22	212	2335884	25.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2299239	25.17	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.53	163	171561	2.623	ng/ul 100
59) Fluorene	15.12	166	67107	1.067	ng/ul 97
70) Phenanthrene	16.85	178	1247089	12.484	ng/ul 99
72) Anthracene	16.94	178	315202	3.111	ng/ul 99
77) Fluoranthene	18.88	202	2474635	20.180	ng/ul 100
80) Pyrene	19.24	202	2024116	16.835	ng/ul 100
83) Benzo(a)anthracene	21.01	228	1204359	9.843	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	20.98	149	137571	1.933	ng/ul 100
85) Chrysene	21.06	228	1087442	9.028	ng/ul 99
88) Benzo(b)fluoranthene	22.51	252	1544982	13.357	ng/ul 98
89) Benzo(k)fluoranthene	22.54	252	418726m	3.761	ng/ul
91) Benzo(a)pyrene	23.03	252	918917	8.862	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.17	276	677074	5.245	ng/ul 98
93) Dibenzo(a,h)anthracene	25.18	278	180554	1.641	ng/ul# 95
94) Benzo(g,h,i)perylene	25.80	276	497731	4.636	ng/ul 100

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

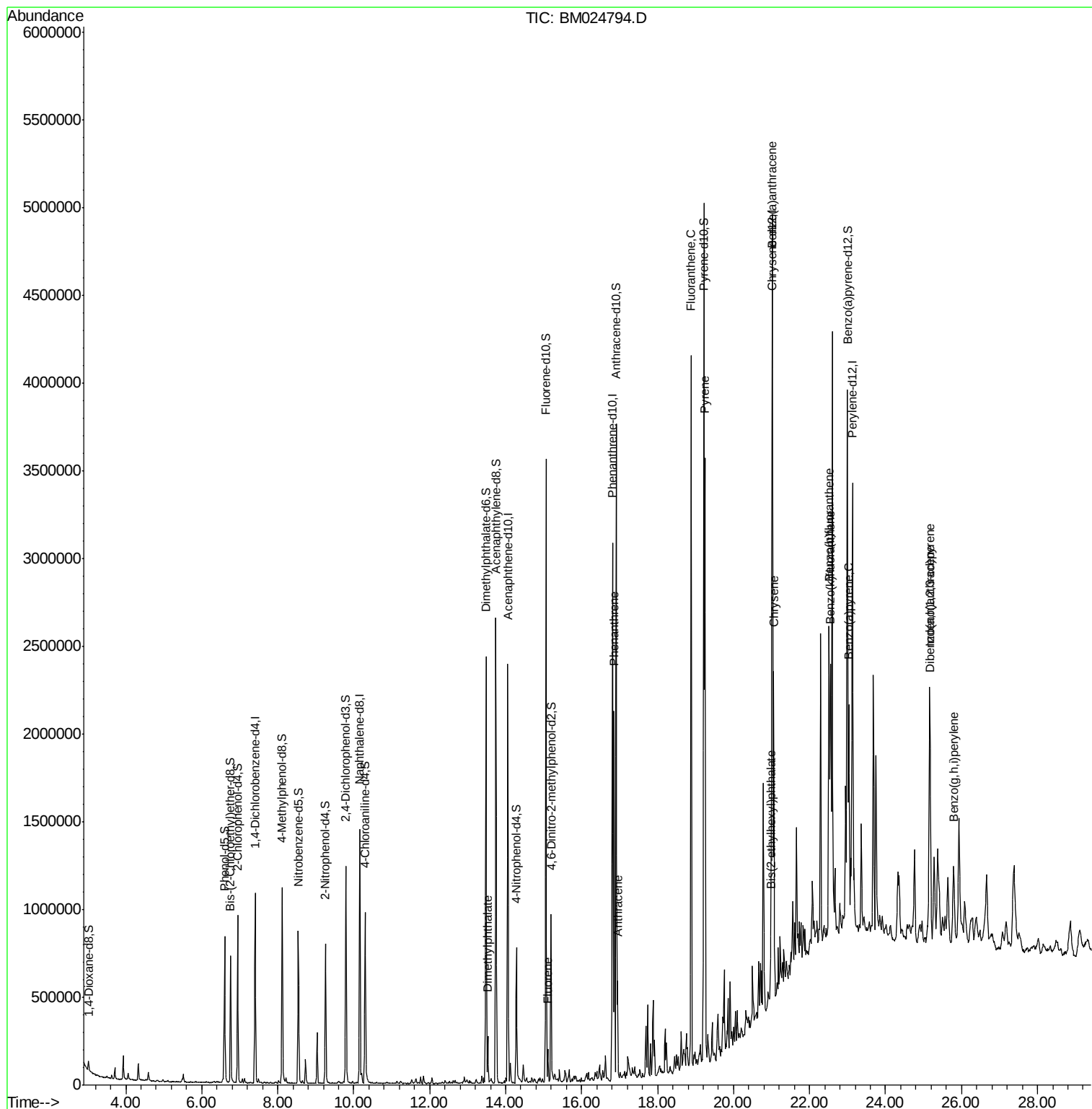
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024794.D
Acq On : 08 Feb 2020 12:03
Operator : CG/JU
Sample : L1400-13
Misc :
ALS Vial : 73 Sample Multiplier: 1

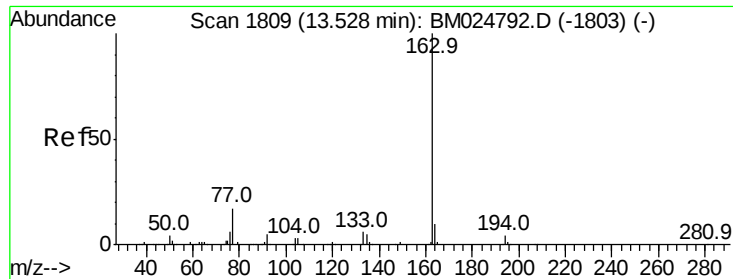
Instrument :
BNA_M
ClientSampled :
CB6H9

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





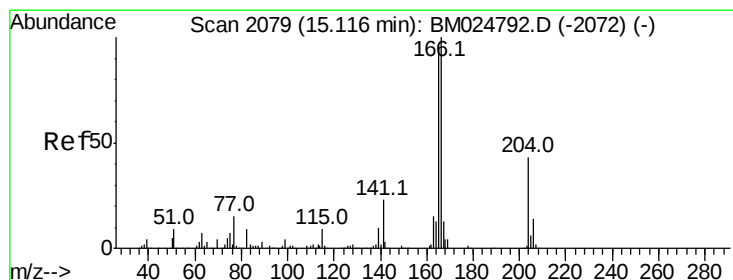
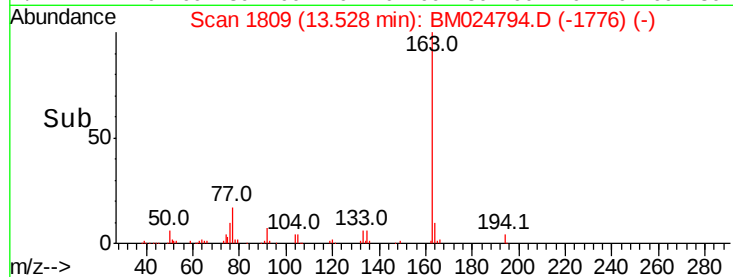
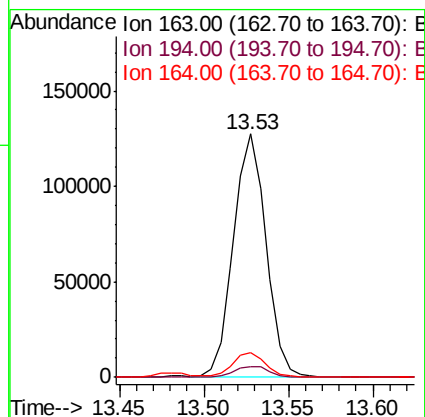
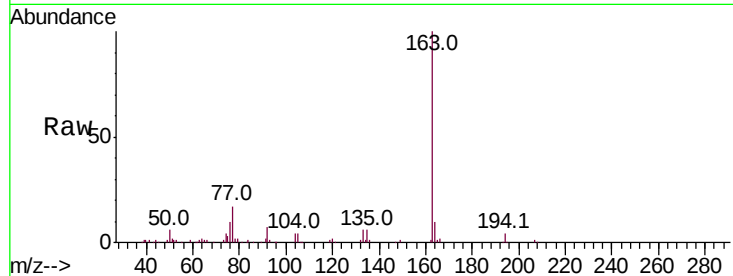
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Dimethylphthalate
Concen: 2.623 ng/ul
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Instrument :
BNA_M
ClientSampleId :
CB6H9

Tot Ion:	163	Resp:	171561
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.0	8.2	12.2

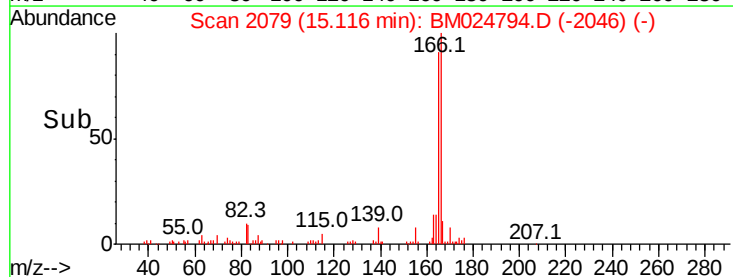
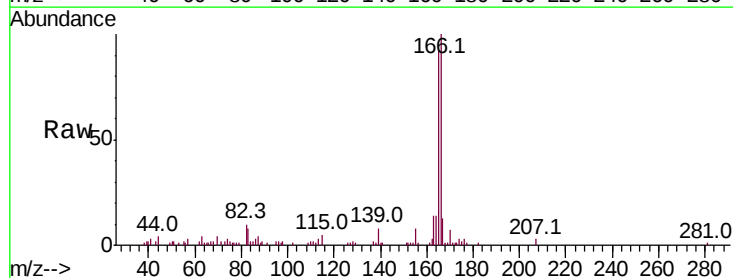
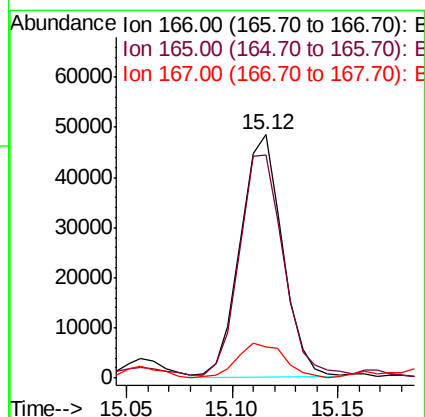
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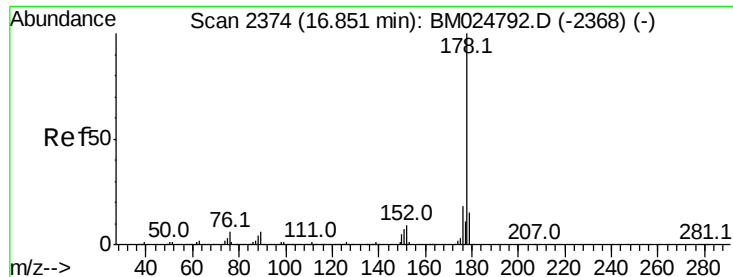
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#59
Fluorene
Concen: 1.067 ng/ul
RT: 15.12 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Tgt Ion:	166	Resp:	67107
Ion Ratio	Lower	Upper	
166	100		
165	91.6	75.8	113.8
167	12.6	10.6	16.0





#70

Phenanthrene

Concen: 12.484 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampleId :

CB6H9

Tot Ion:178 Resp: 1247089

Ion Ratio Lower Upper

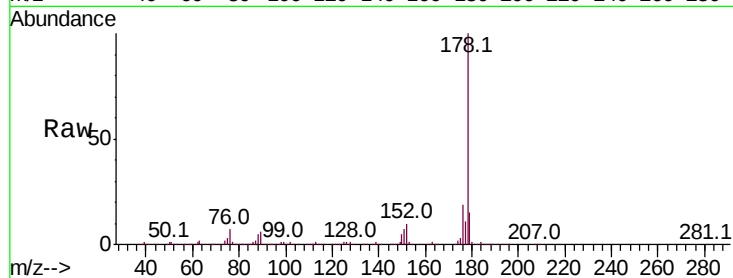
178 100

179 15.4 12.2 18.2

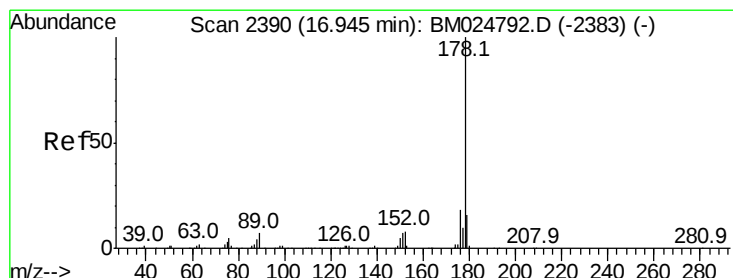
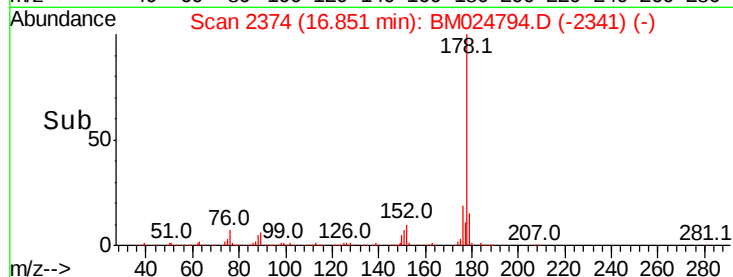
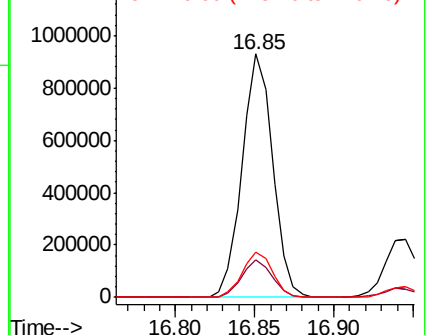
176 18.5 14.5 21.7

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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



#72

Anthracene

Concen: 3.111 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Tgt Ion:178 Resp: 315202

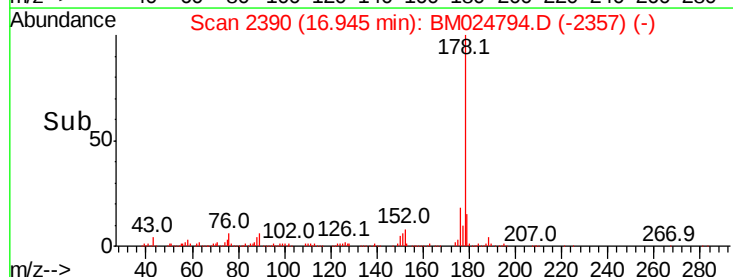
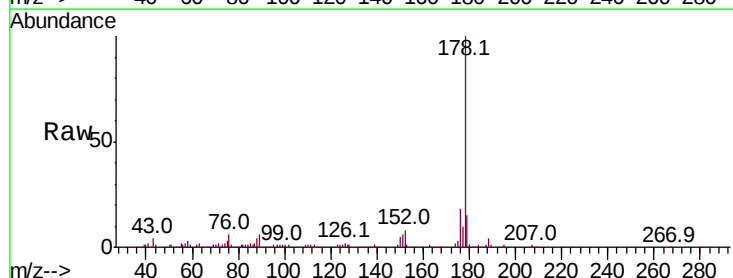
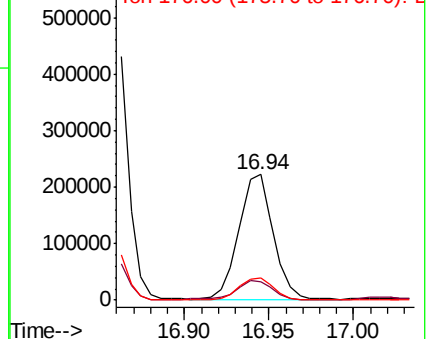
Ion Ratio Lower Upper

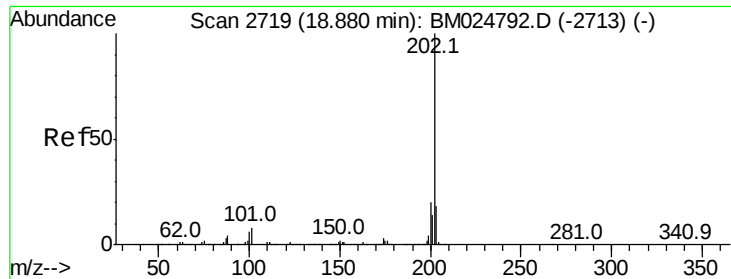
178 100

179 15.0 12.3 18.5

176 17.9 14.1 21.1

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





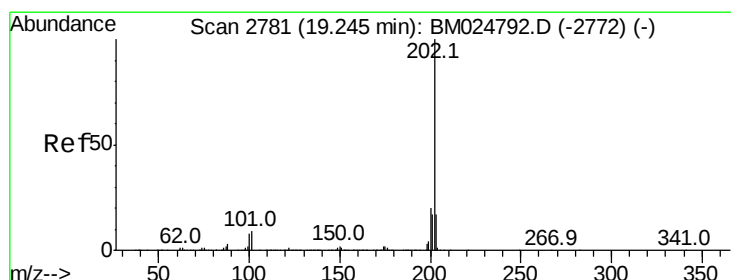
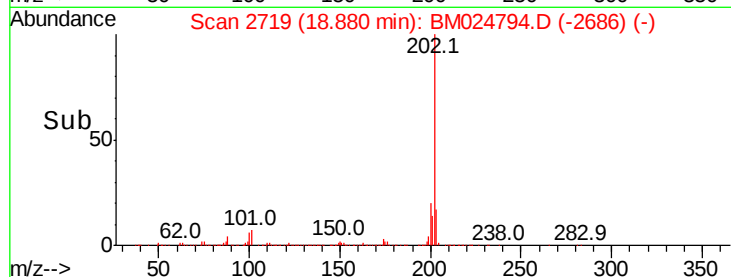
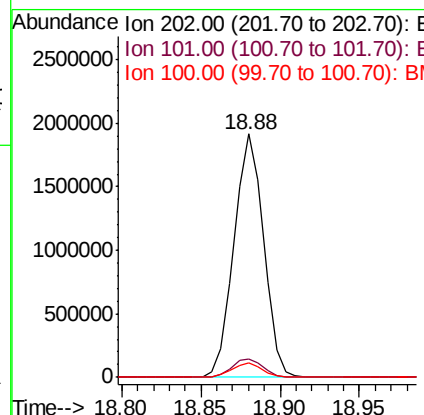
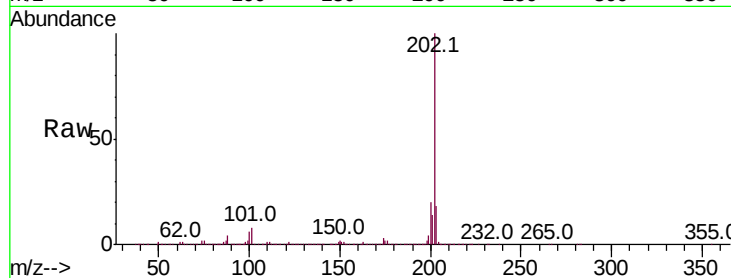
#77
 Fluoranthene
 Concen: 20.180 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

Instrument :
 BNA_M
 ClientSampleId :
 CB6H9

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.0	4.8	7.2

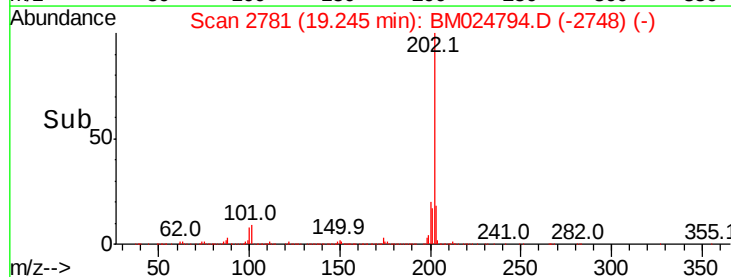
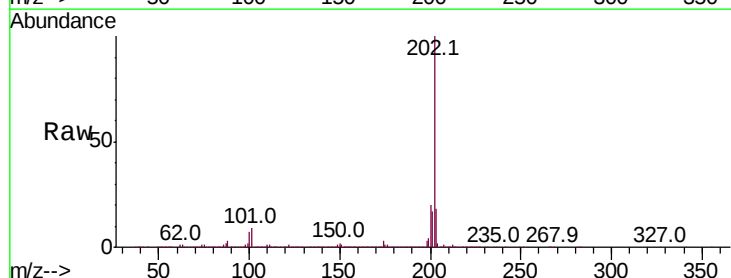
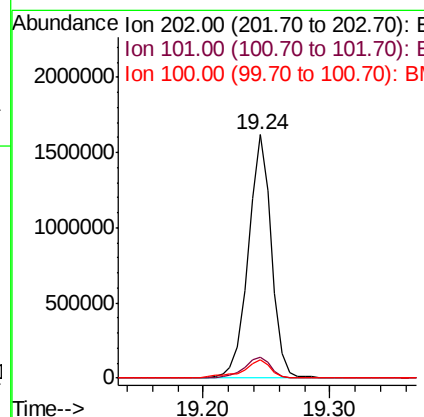
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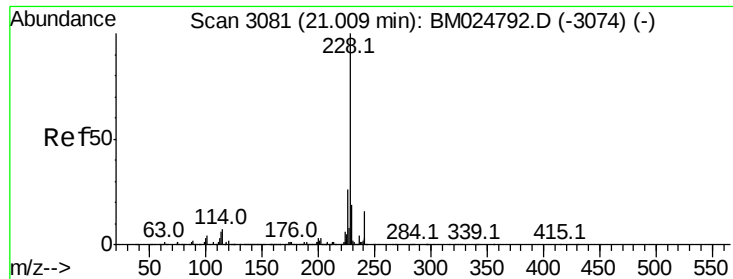
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#80
 Pyrene
 Concen: 16.835 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.5	5.8	8.8





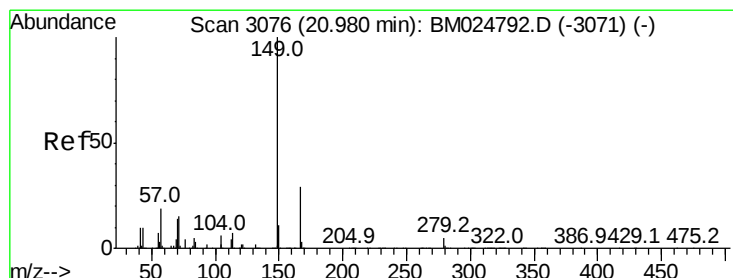
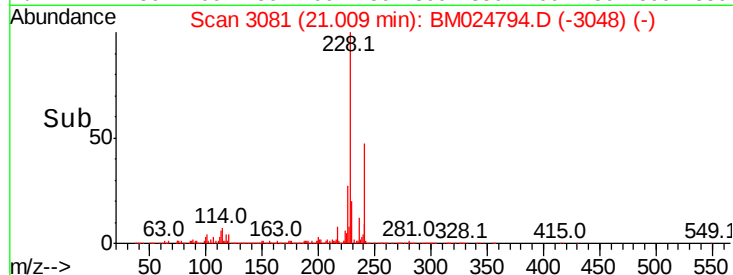
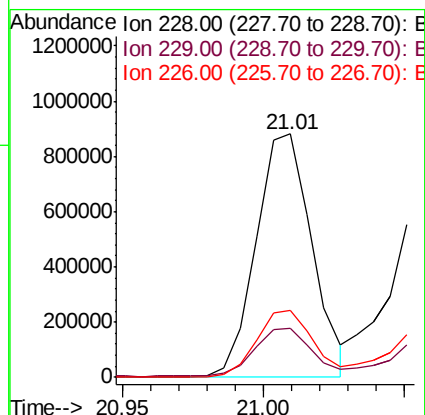
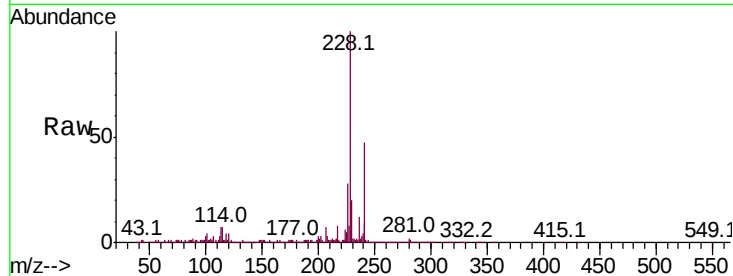
#83
Benzo(a)anthracene
Concen: 9.843 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Instrument :
BNA_M
ClientSampled :
CB6H9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.6	20.8	31.2

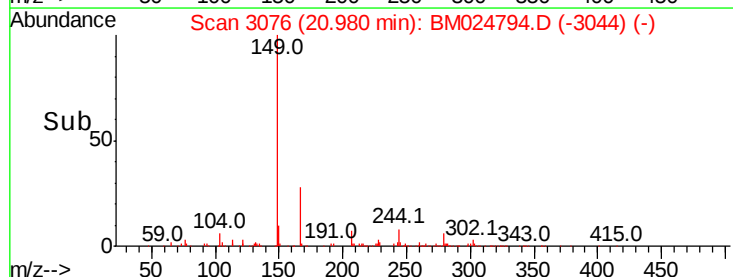
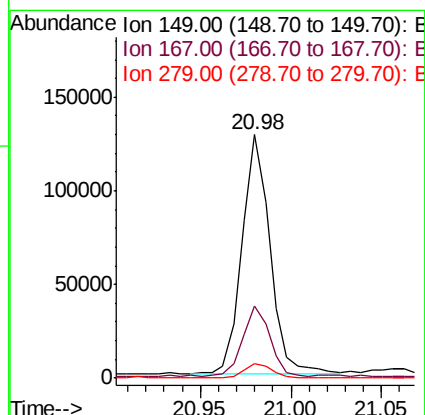
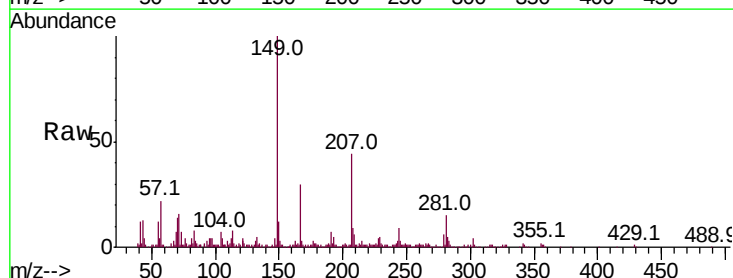
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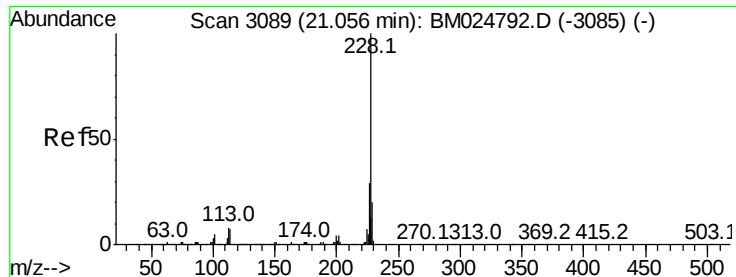
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.933 ng/ul
RT: 20.98 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.2
279	5.8	4.7	7.1





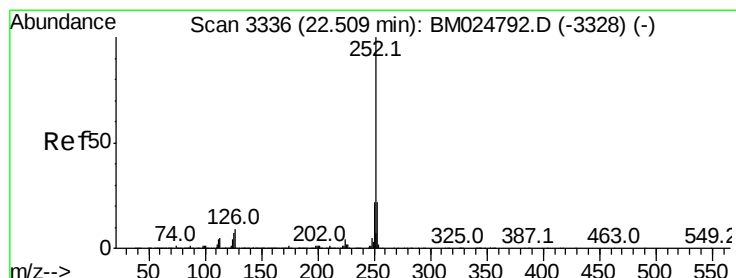
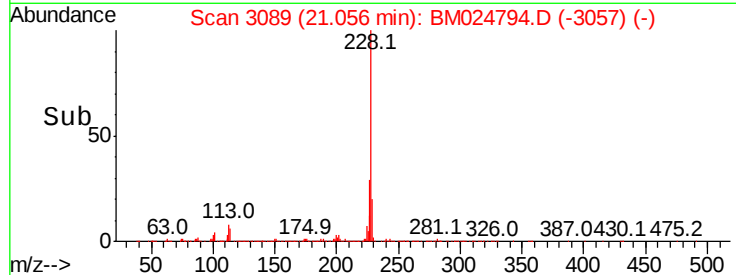
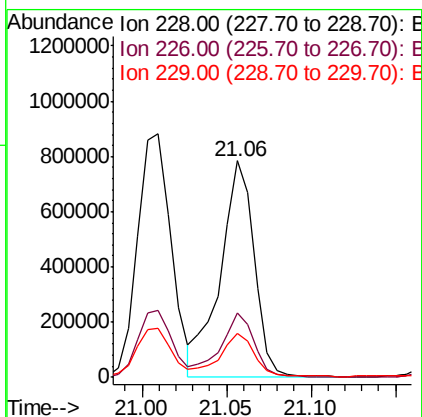
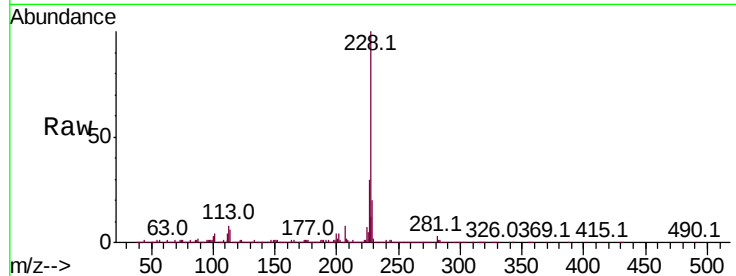
#85
Chrysene
Concen: 9.028 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Instrument :
BNA_M
ClientSampled :
CB6H9

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	20.3	15.8	23.8

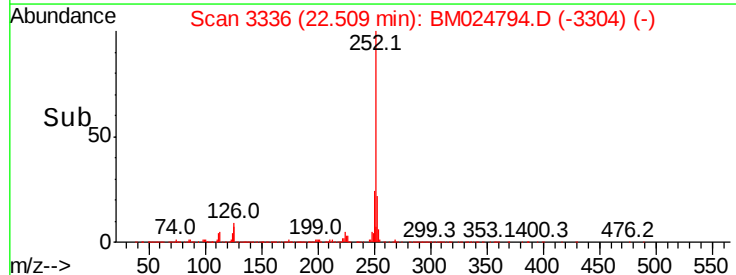
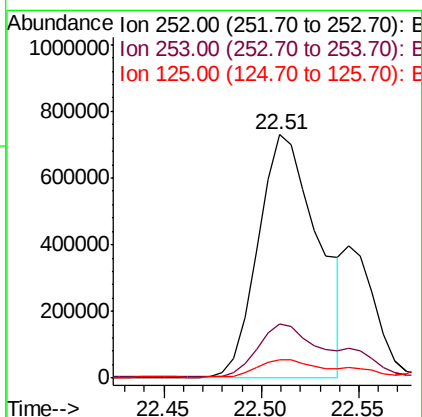
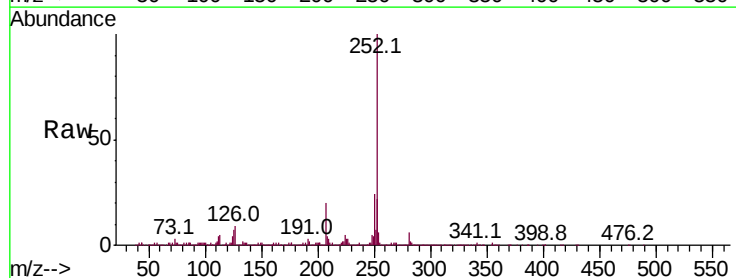
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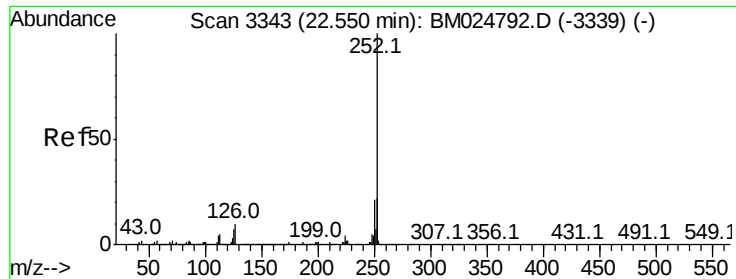
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#88
Benzo(b)fluoranthene
Concen: 13.357 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	7.4	5.1	7.7





#89

Benzo(k)fluoranthene

Concen: 3.761 ng/ul m

RT: 22.54 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

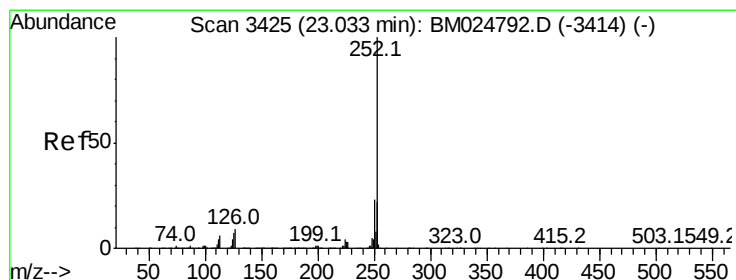
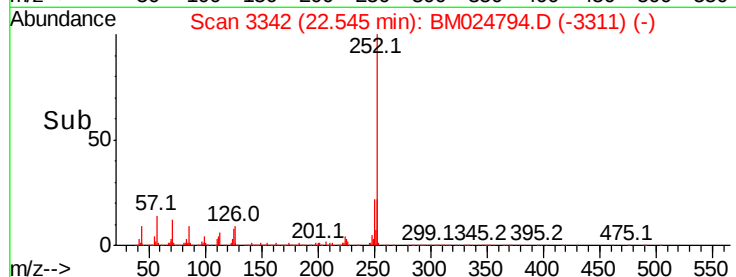
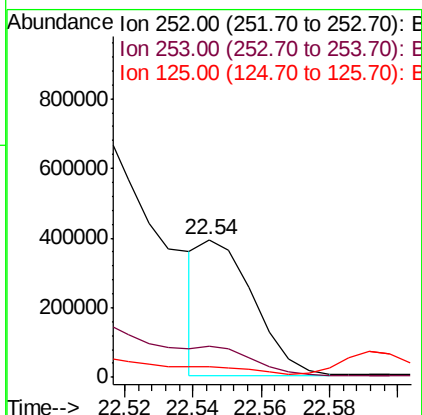
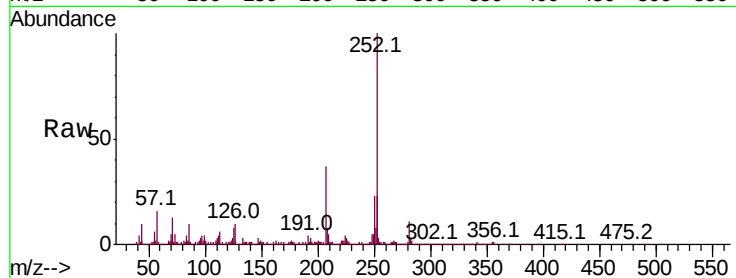
ClientSampleId :

CB6H9

Tot Ion:	252	Resp:	418726
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	8.1	5.1	7.7#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 8.862 ng/ul

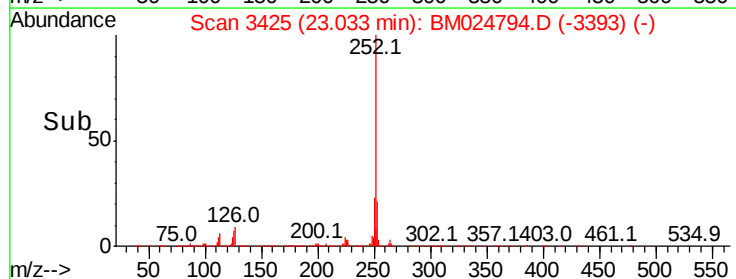
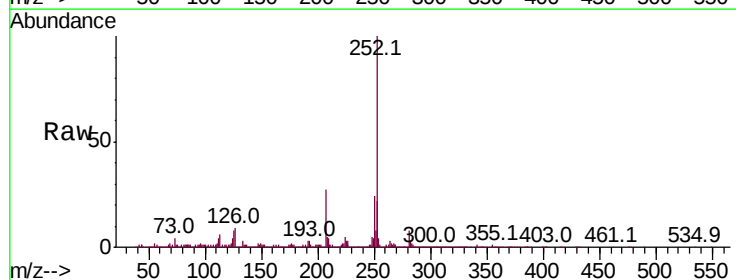
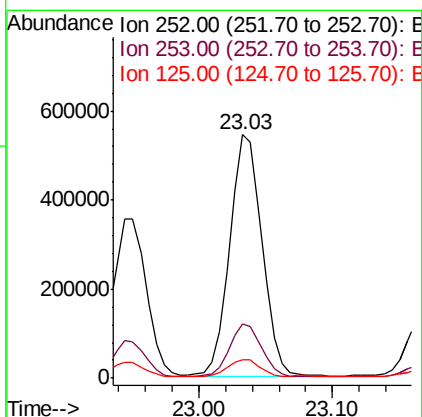
RT: 23.03 min Scan# 3425

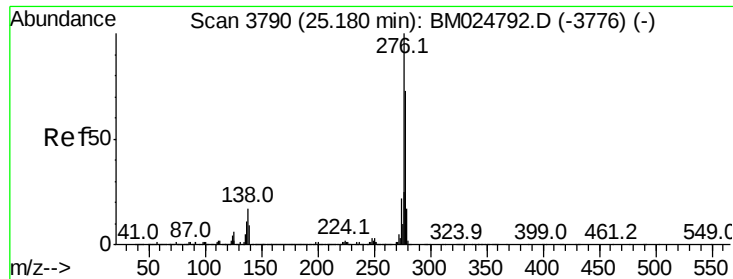
Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Tgt Ion:	252	Resp:	918917
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	7.8	5.6	8.4





#92

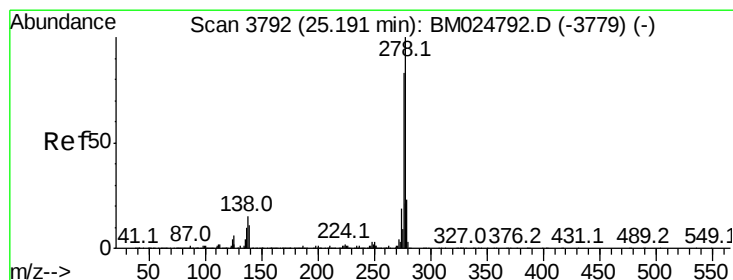
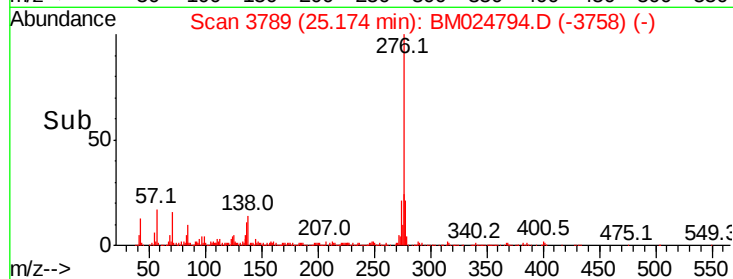
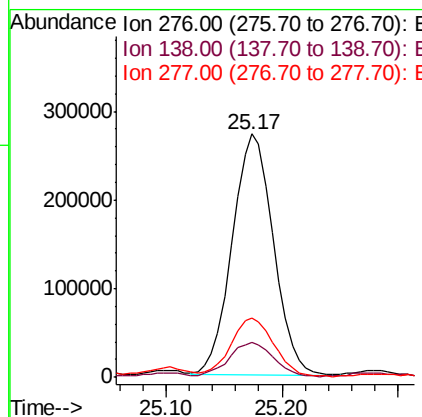
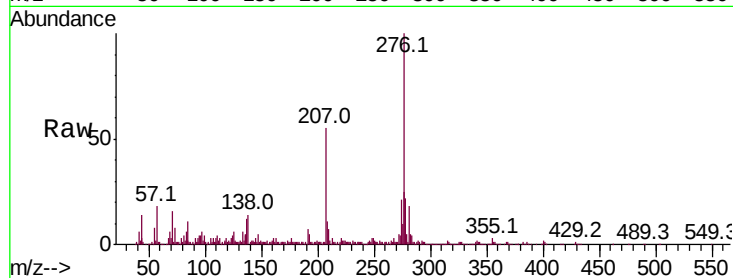
Indeno(1,2,3-cd)pyrene
Concen: 5.245 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Instrument :
BNA_M
ClientSampleId :
CB6H9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.8	19.2
277	24.5	19.3	28.9

Manual Integrations
APPROVED

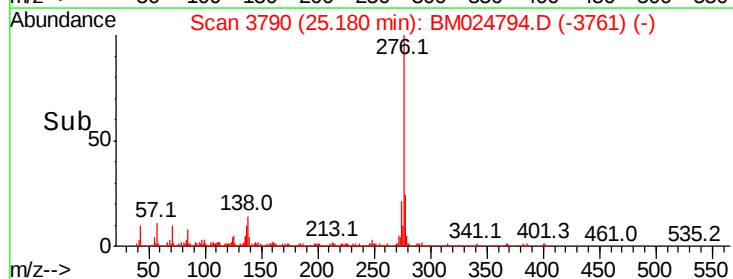
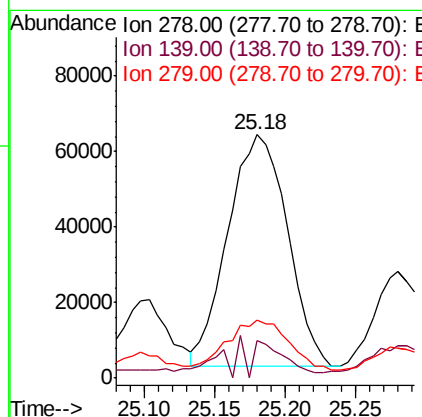
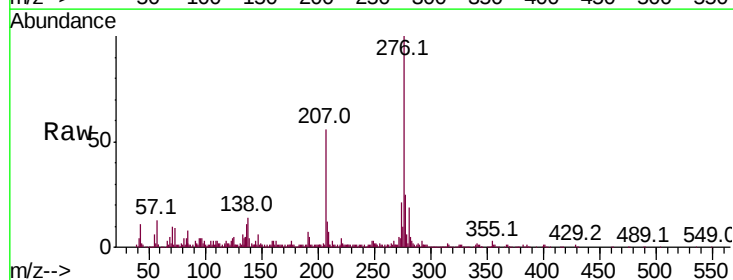
mohammad
2/11/2020 8:22:40 AM

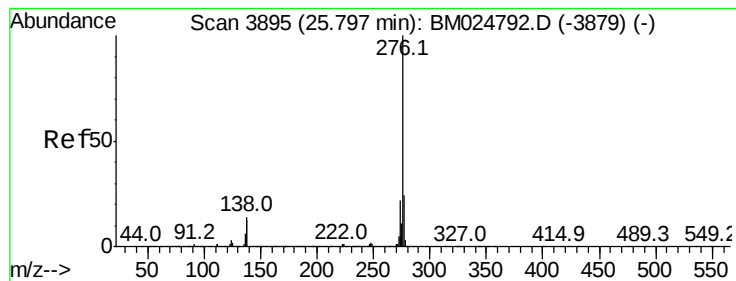


#93

Dibenzo(a,h)anthracene
Concen: 1.641 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.03 min
Lab File: BM024794.D
Acq: 08 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	8.4	12.6#
279	23.6	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 4.636 ng/ul

RT: 25.80 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampleId :

CB6H9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	11.8	17.6
277	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:22:40 AM

