

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024841.D
 Acq On : 11 Feb 2020 19:15
 Operator : CG/JU
 Sample : L1405-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P3

Manual Integrations
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mohammad
 2/12/2020 3:52:34 PM

Quant Time: Feb 12 04:56:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 04:40:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	318544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1266752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	798254	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1617979	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1511151	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1588011	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	28612	4.32	ng/uL	0.00
5) Phenol-d5	6.60	99	514909	24.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	312790	26.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	465109	24.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	427816	23.96	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	231459	25.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	273071	25.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	490172	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	603765	29.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1513334	25.12	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1775438	25.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	179909	18.37	ng/ul	0.00
58) Fluorene-d10	15.06	176	1276331	23.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	196058	18.59	ng/ul	0.00
71) Anthracene-d10	16.90	188	1843858	24.96	ng/ul	0.00
79) Pyrene-d10	19.22	212	2038901	26.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2121478	26.60	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	831221	9.422	ng/ul	100
72) Anthracene	16.94	178	179743	2.009	ng/ul	100
77) Fluoranthene	18.88	202	1352287	12.487	ng/ul	99
80) Pyrene	19.24	202	1189390	11.891	ng/ul	97
83) Benzo(a)anthracene	21.00	228	701578	6.892	ng/ul	98
85) Chrysene	21.06	228	665160	6.637	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	908793	9.000	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	305104m	3.139	ng/ul	
91) Benzo(a)pyrene	23.03	252	562855	6.217	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	434185	3.852	ng/ul	98
93) Dibenzo(a,h)anthracene	25.17	278	123862	1.290	ng/ul#	95
94) Benzo(g,h,i)perylene	25.79	276	375403	4.005	ng/ul	99

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

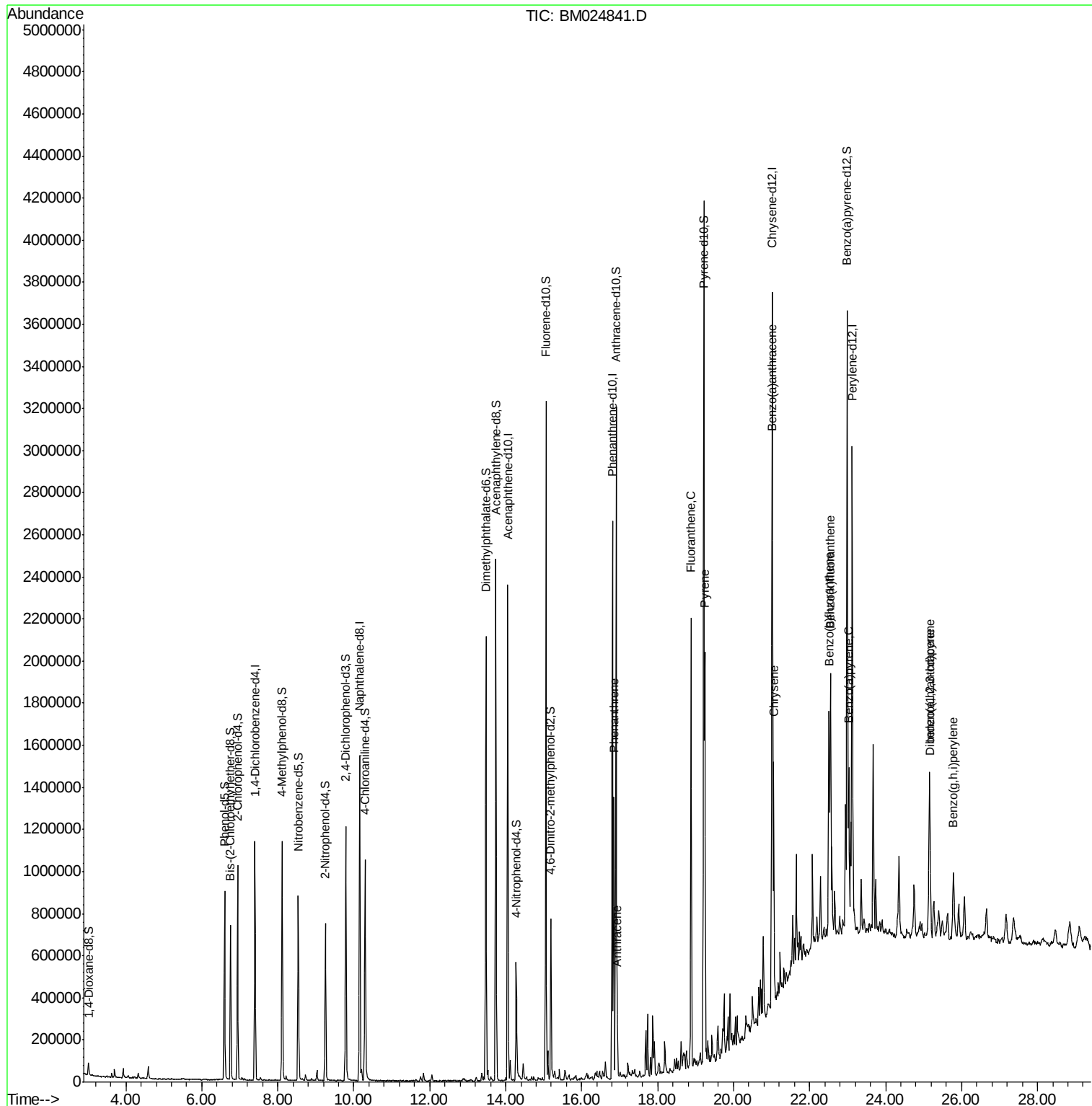
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024841.D
Acq On : 11 Feb 2020 19:15
Operator : CG/JU
Sample : L1405-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

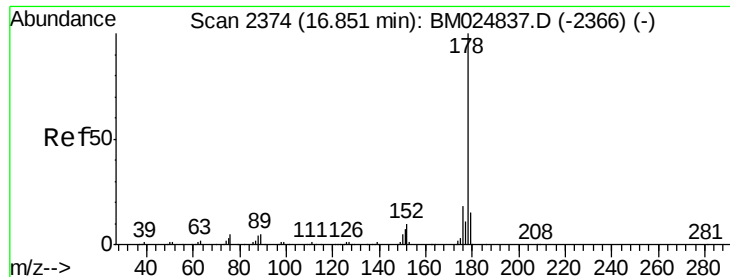
Instrument :
BNA_M
ClientSampleId :
CB6P3

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Quant Time: Feb 12 04:56:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





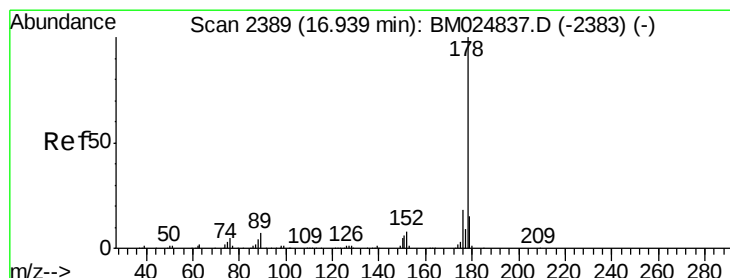
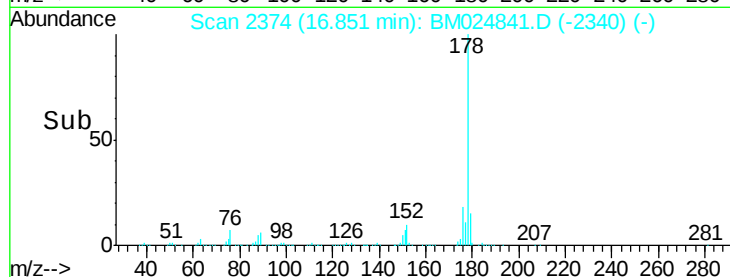
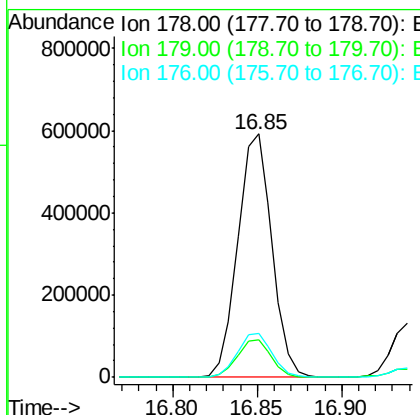
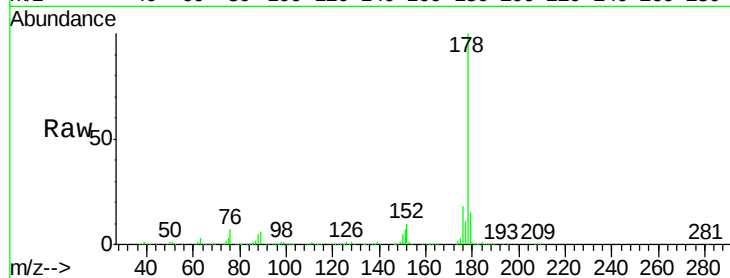
#70
Phenanthrene
Concen: 9.422 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Instrument :
BNA_M
ClientSampleId :
CB6P3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.2	14.5	21.7

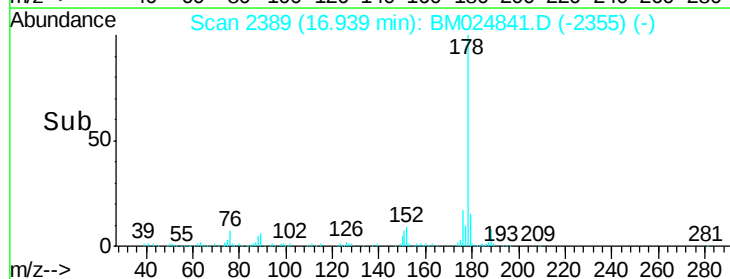
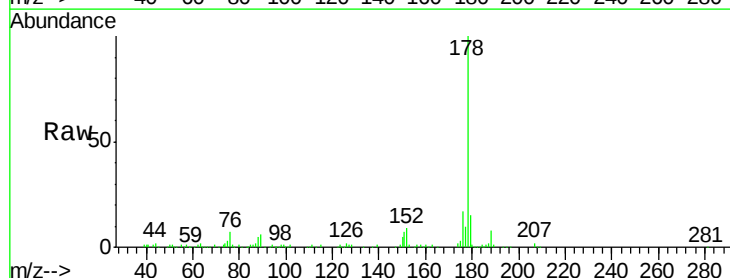
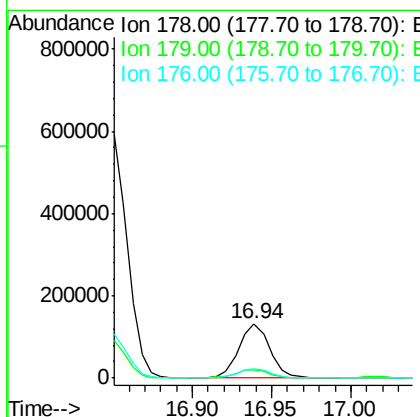
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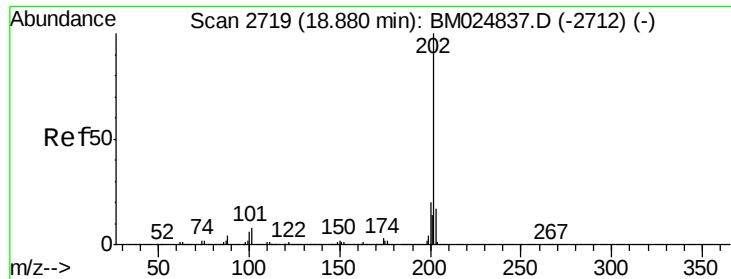
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#72
Anthracene
Concen: 2.009 ng/ul
RT: 16.94 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.5	14.1	21.1





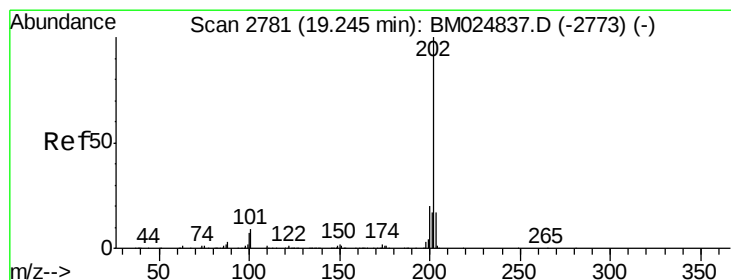
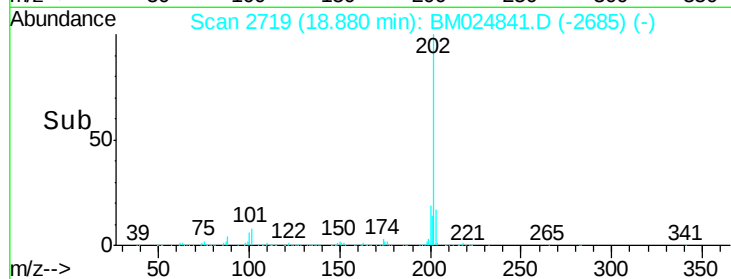
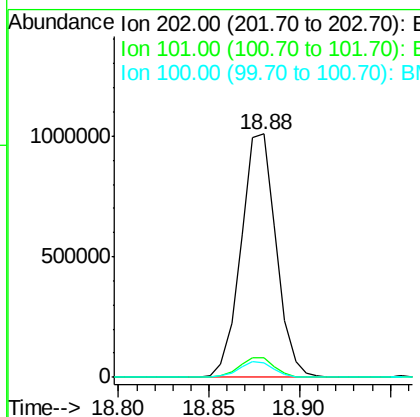
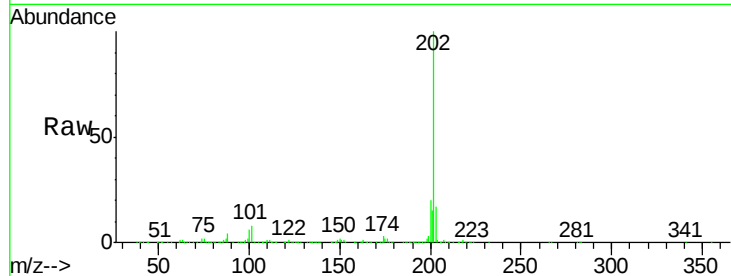
#77
Fluoranthene
 Concen: 12.487 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BM024841.D
 Acq: 11 Feb 2020 19:15

Instrument :
 BNA_M
 ClientSampleId :
 CB6P3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1352287		
101	7.8		6.1	9.1
100	6.2		4.8	7.2

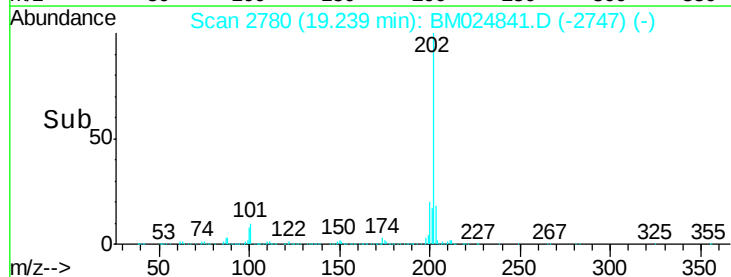
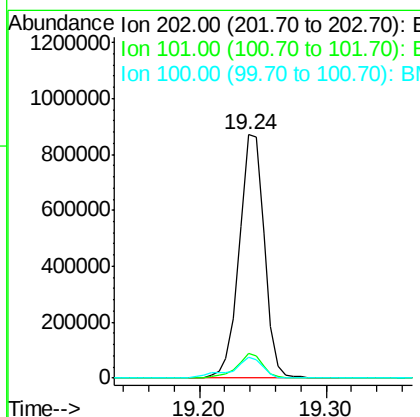
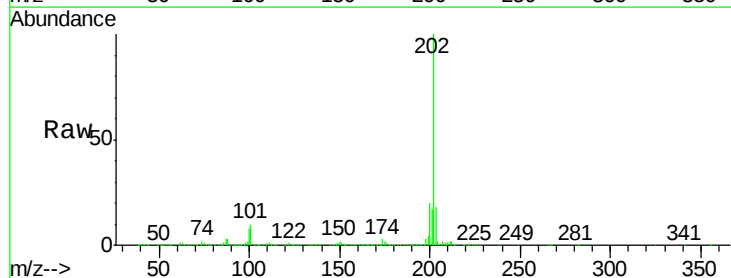
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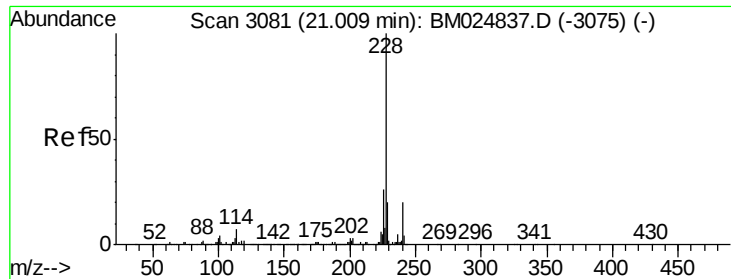
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#80
Pyrene
 Concen: 11.891 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024841.D
 Acq: 11 Feb 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1189390		
101	9.9		7.0	10.4
100	8.4		5.8	8.8





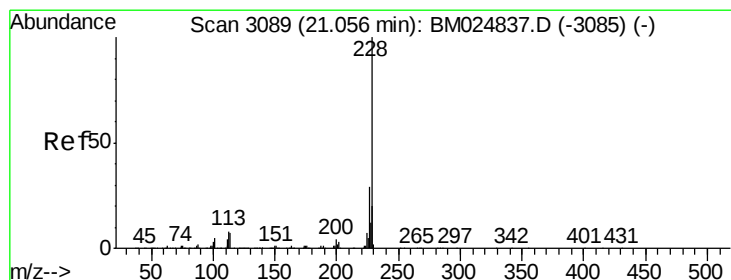
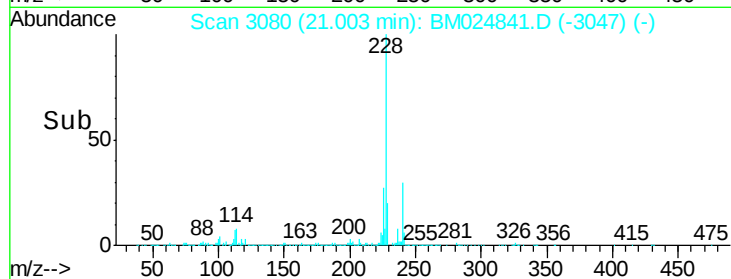
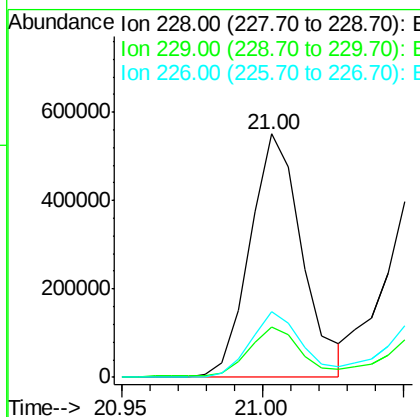
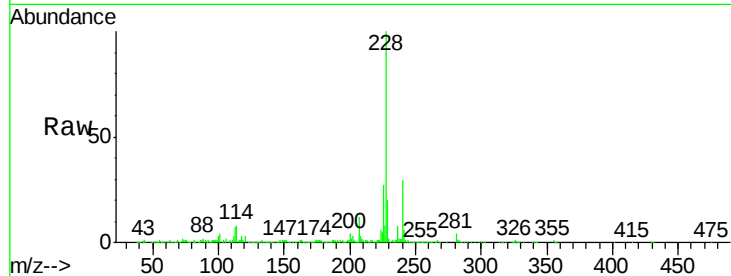
#83
Benzo(a)anthracene
Concen: 6.892 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Instrument :
BNA_M
ClientSampleId :
CB6P3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.9	20.8	31.2

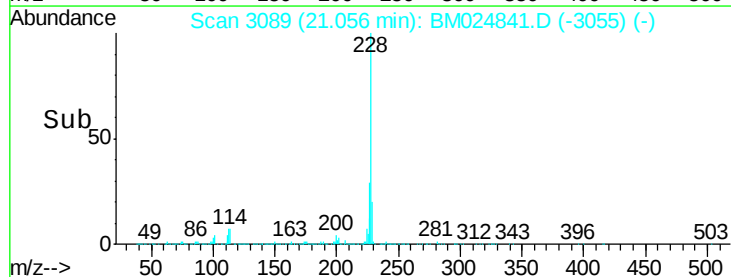
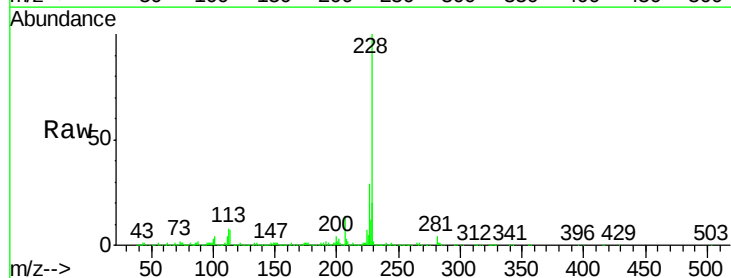
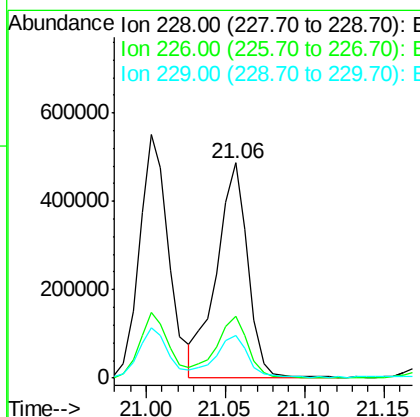
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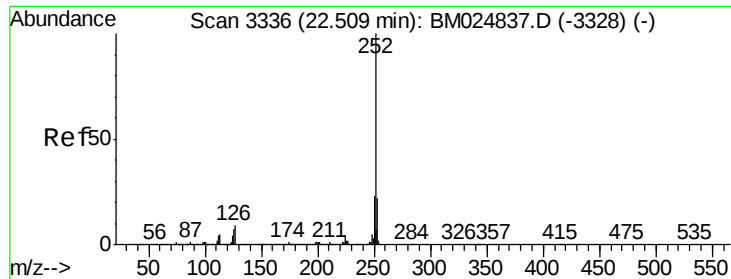
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#85
Chrysene
Concen: 6.637 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.8	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 9.000 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BM024841.D

Acq: 11 Feb 2020 19:15

Instrument :

BNA_M

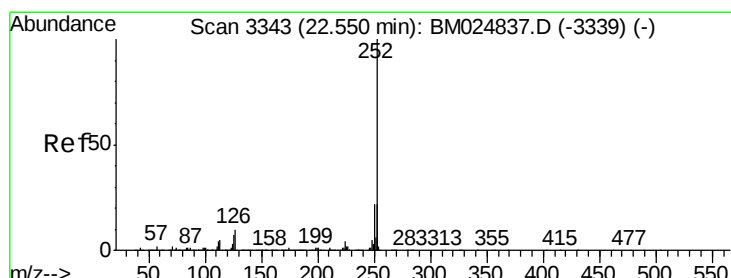
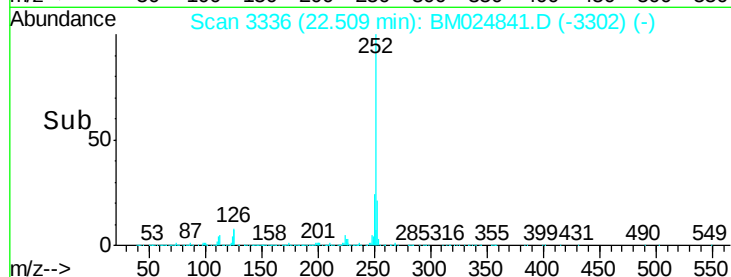
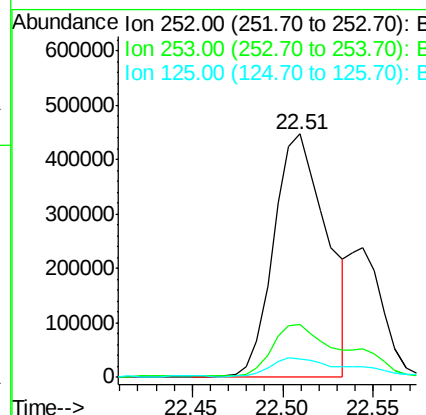
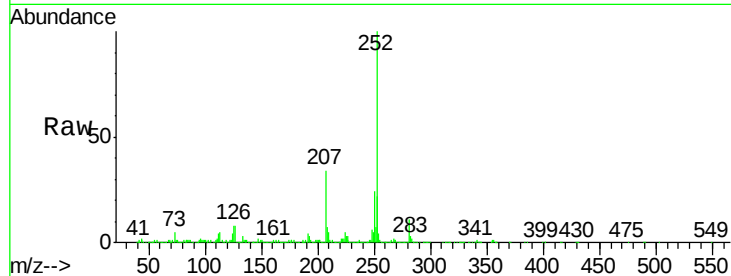
ClientSampleId :

CB6P3

Tot Ion:	252	Resp:	908793
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.7	5.1	7.7

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#89

Benzo(k)fluoranthene

Concen: 3.139 ng/ul m

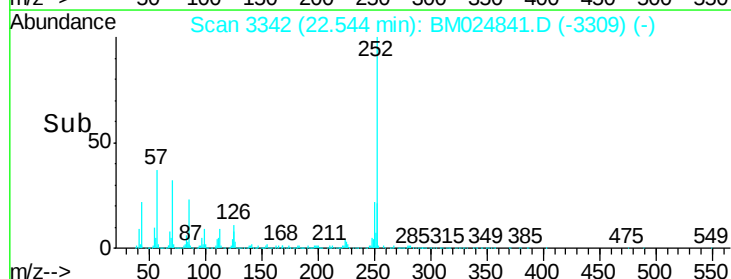
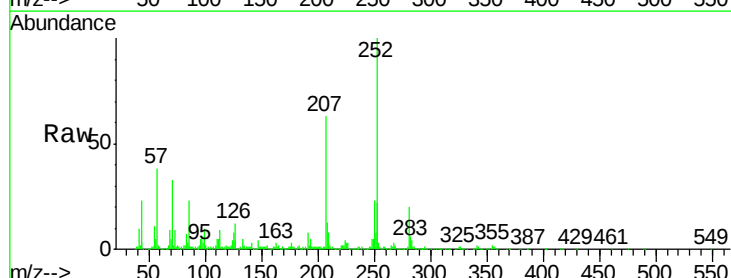
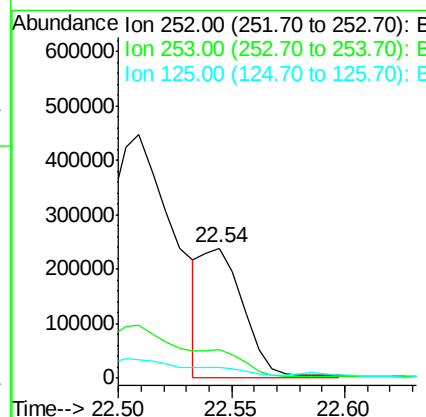
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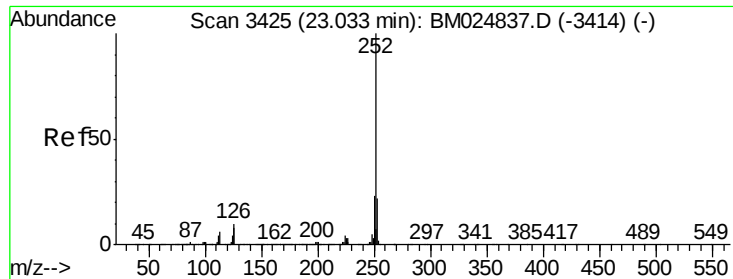
Delta R.T. -0.01 min

Lab File: BM024841.D

Acq: 11 Feb 2020 19:15

Tgt Ion:	252	Resp:	305104
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	8.2	5.1	7.7#





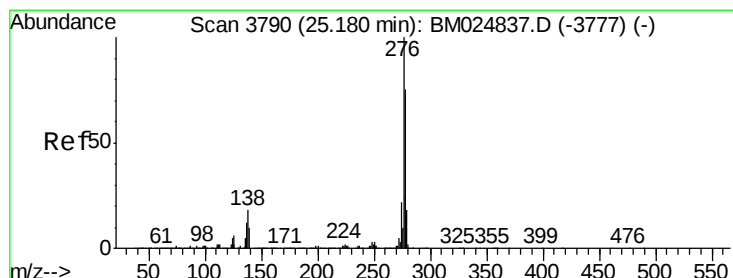
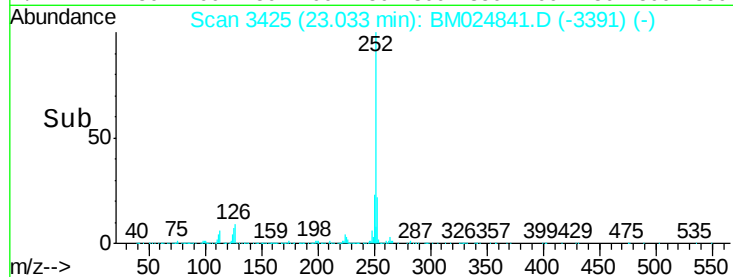
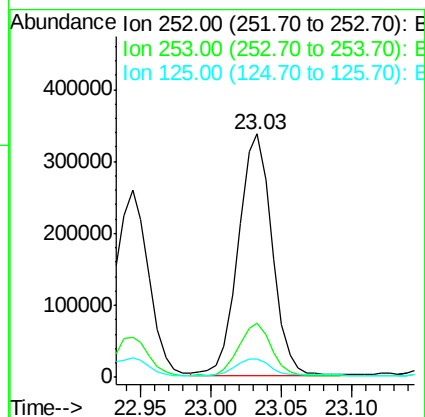
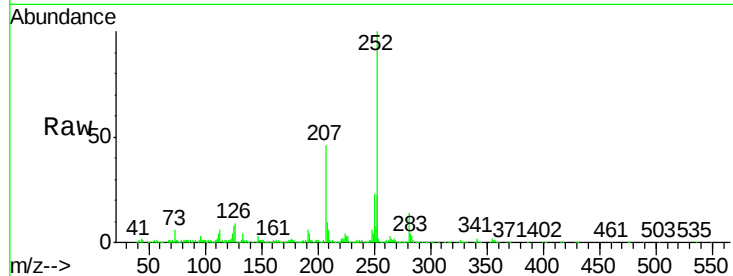
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Benzo(a)pyrene
Concen: 6.217 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Instrument :
BNA_M
ClientSampled :
CB6P3

Tot Ion:	252	Resp:	562855
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	7.7	5.6	8.4

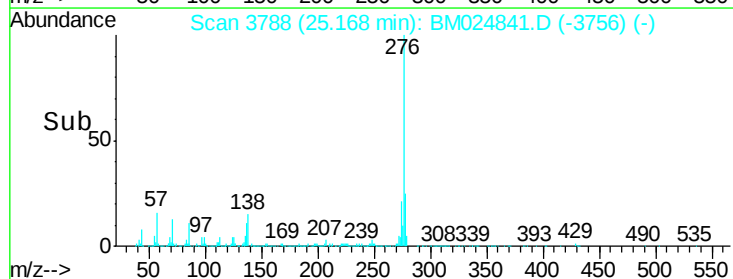
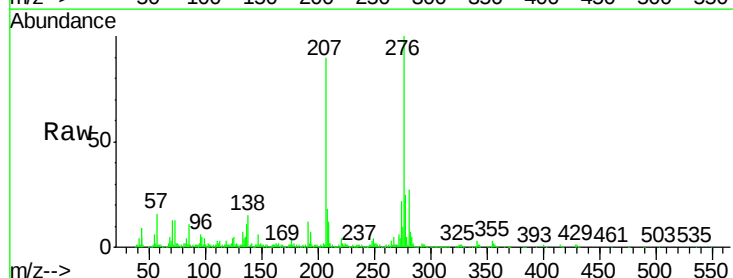
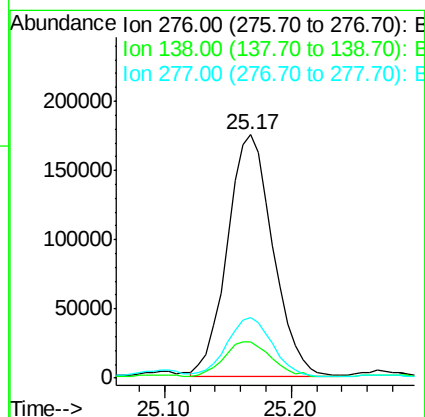
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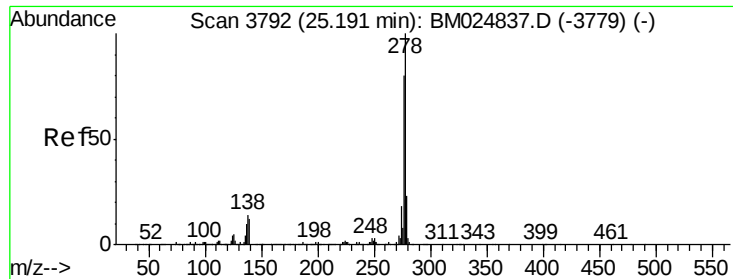
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.852 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.01 min
Lab File: BM024841.D
Acq: 11 Feb 2020 19:15

Tgt Ion:	276	Resp:	434185
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.8	19.2
277	25.0	19.3	28.9





#93

Dibenzo(a,h)anthracene

Concen: 1.290 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024841.D

Acq: 11 Feb 2020 19:15

Instrument :

BNA_M

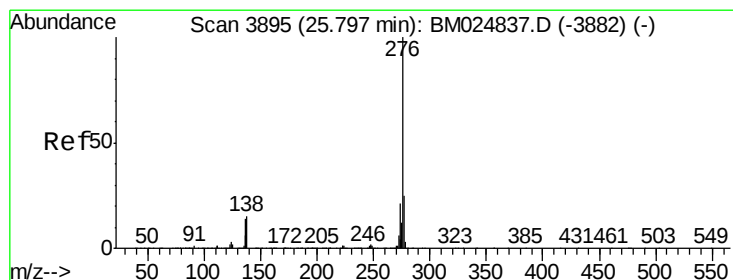
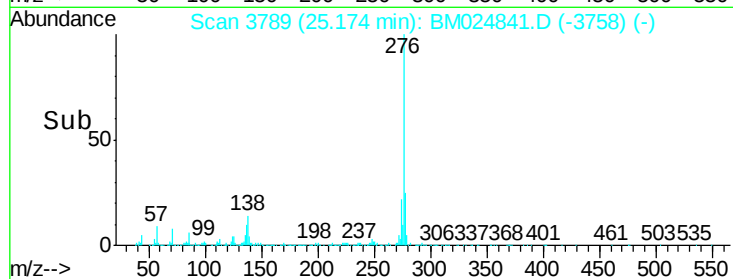
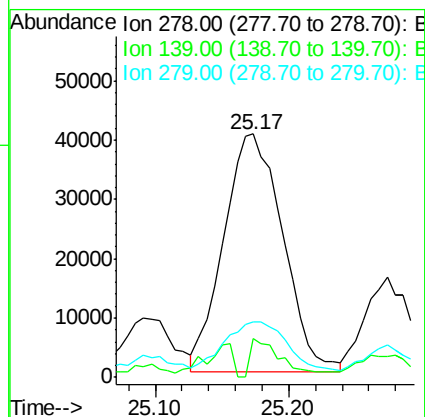
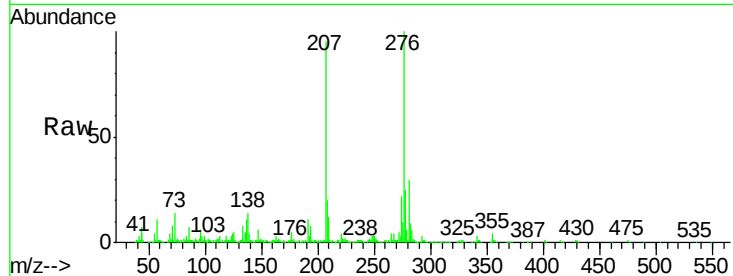
ClientSampled :

CB6P3

Tot Ion:	278	Resp:	123862
Ion Ratio	Lower	Upper	
278	100		
139	15.9	8.4	12.6#
279	22.8	18.5	27.7

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 4.005 ng/ul

RT: 25.79 min Scan# 3893

Delta R.T. -0.01 min

Lab File: BM024841.D

Acq: 11 Feb 2020 19:15

Tgt Ion:	276	Resp:	375403
Ion Ratio	Lower	Upper	
276	100		
138	14.5	11.8	17.6
277	24.5	19.0	28.6

