

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024808.D
 Acq On : 10 Feb 2020 15:04
 Operator : CG/JU
 Sample : L1402-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 CB6L1

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:50:15 AM

Quant Time: Feb 10 16:47:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 10 16:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	274469	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1078053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	775146	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1680911	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1667758	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1754155	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20072	3.52	ng/uL	0.00
5) Phenol-d5	6.60	99	336207	18.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	203927	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	309245	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	251531	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	149114	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	173195	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	319980	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	362974	20.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1020071	17.43	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1205120	17.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	114270	12.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	883057	17.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	135533	12.37	ng/ul	0.00
71) Anthracene-d10	16.90	188	1273157	16.59	ng/ul	0.00
79) Pyrene-d10	19.22	212	1500548	17.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1564945	17.76	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	16.85	178	339648	3.706 ng/ul	98
77) Fluoranthene	18.88	202	613246	5.451 ng/ul	99
80) Pyrene	19.24	202	521043	4.720 ng/ul	99
83) Benzo(a)anthracene	21.01	228	293901	2.616 ng/ul	96
85) Chrysene	21.06	228	289666	2.619 ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	412843	3.701 ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	127242m	1.185 ng/ul	
91) Benzo(a)pyrene	23.03	252	249048	2.490 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	184009	1.478 ng/ul	98
94) Benzo(g,h,i)perylene	25.79	276	155941	1.506 ng/ul	98

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

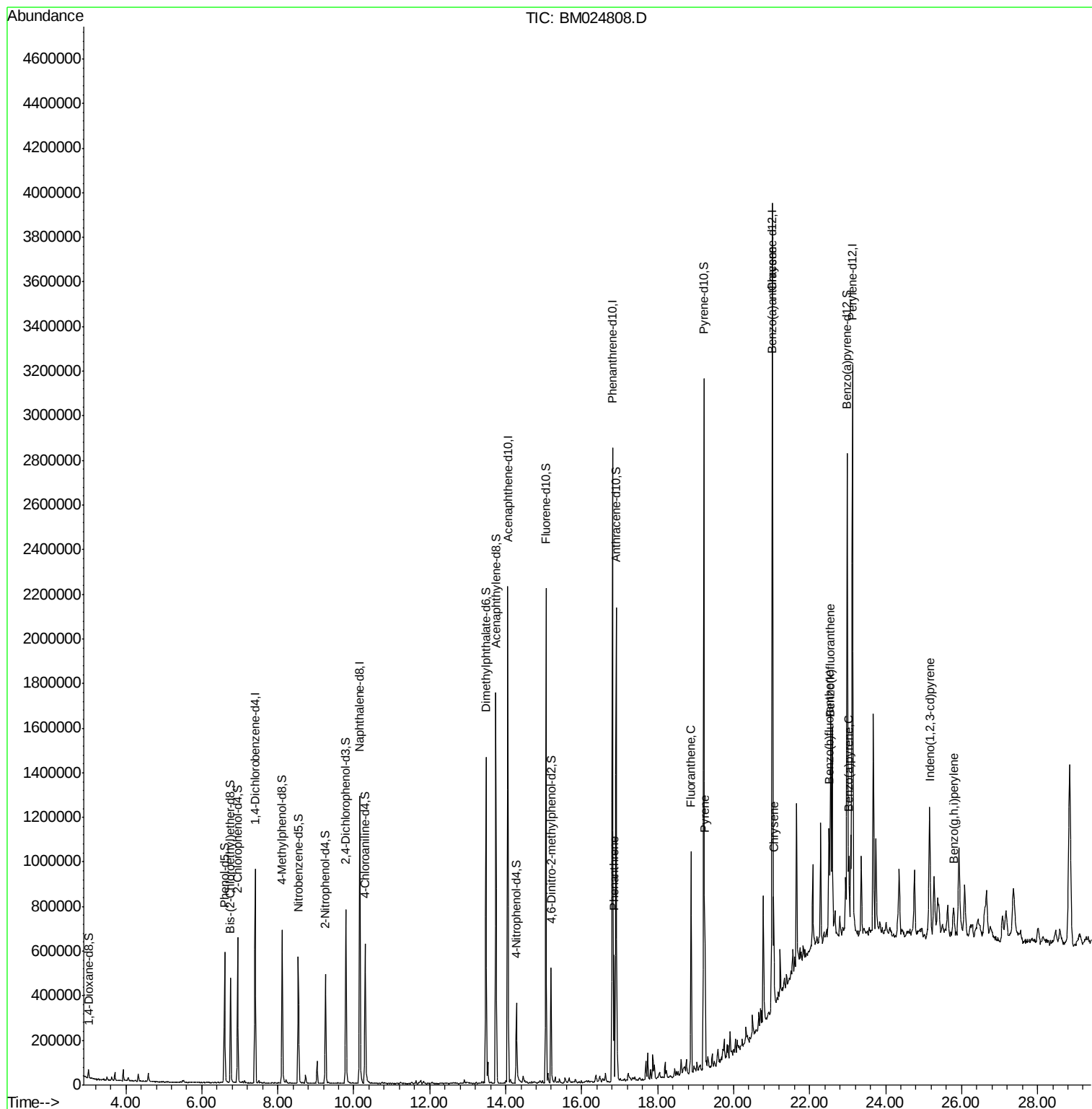
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024808.D
Acq On : 10 Feb 2020 15:04
Operator : CG/JU
Sample : L1402-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

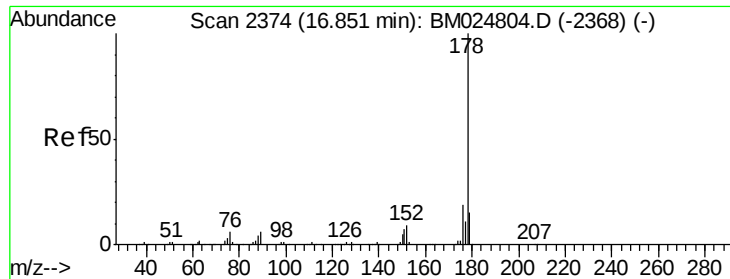
Instrument :
BNA_M
ClientSampleId :
CB6L1

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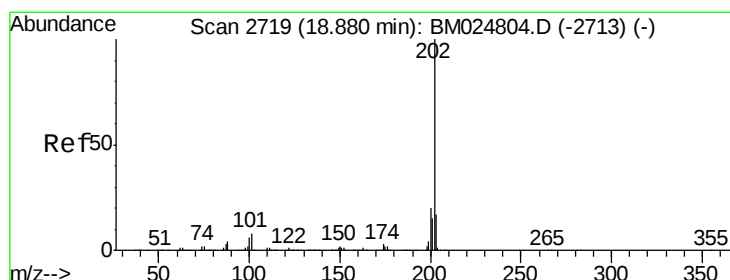
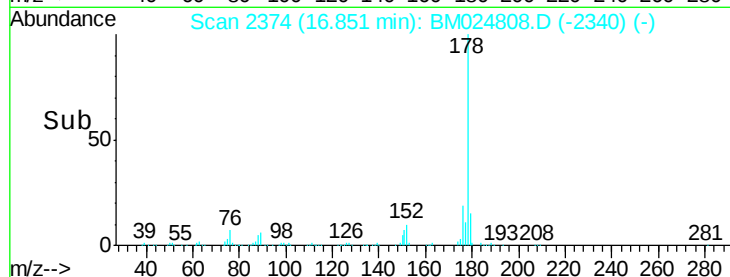
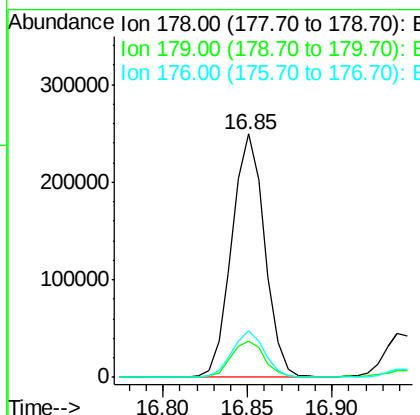
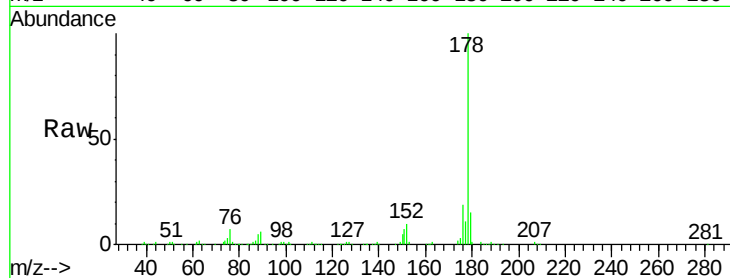
#70
Phenanthrene
Concen: 3.706 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM024808.D
Acq: 10 Feb 2020 15:04

Instrument :
BNA_M
ClientSampleId :
CB6L1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.3	14.5	21.7

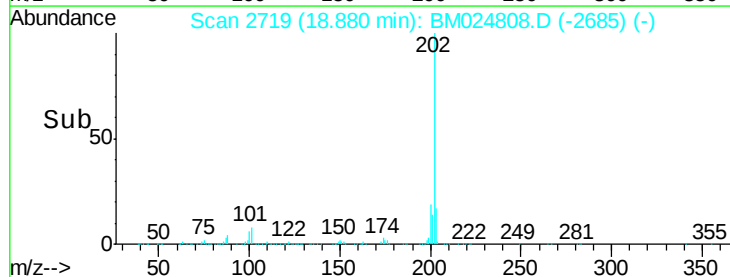
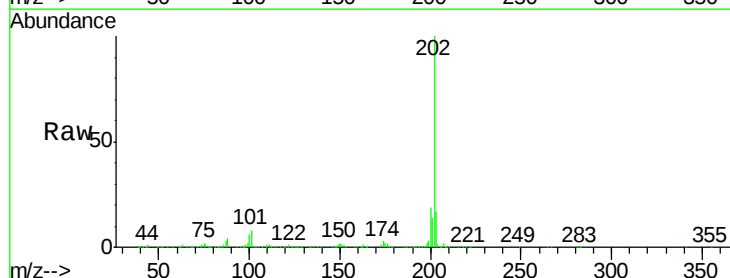
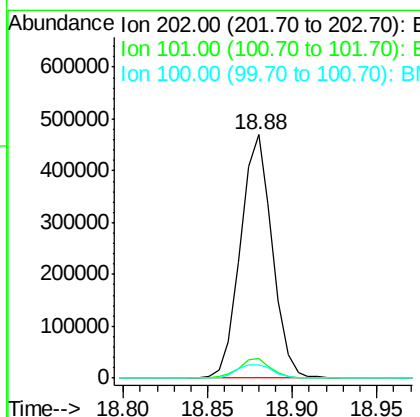
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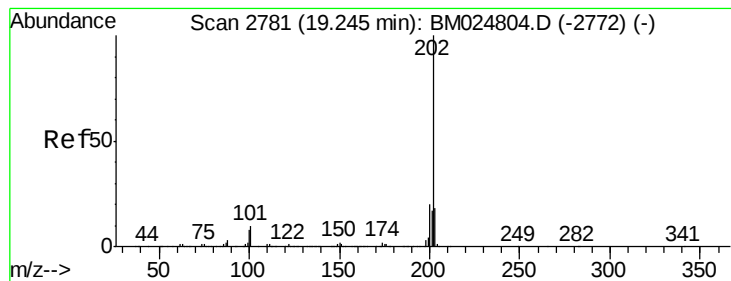
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#77
Fluoranthene
Concen: 5.451 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BM024808.D
Acq: 10 Feb 2020 15:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.1	9.1
100	5.7	4.8	7.2





#80

Pvrene

Concen: 4.720 ng/ul

RT: 19.24 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BM024808.D

Acq: 10 Feb 2020 15:04

Instrument :

BNA_M

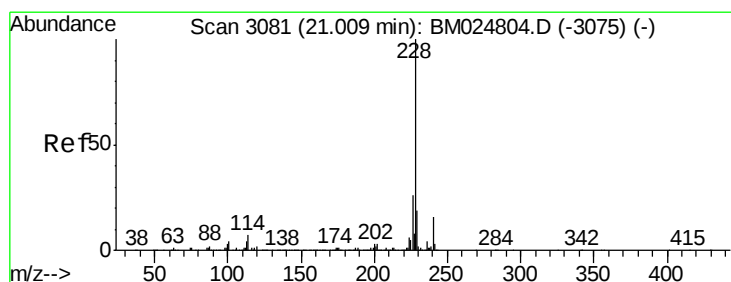
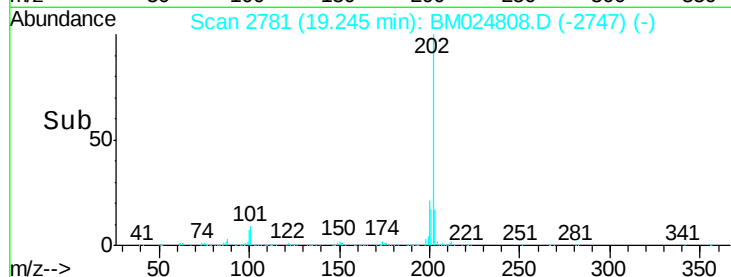
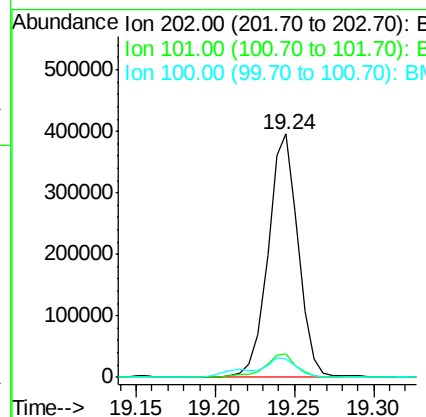
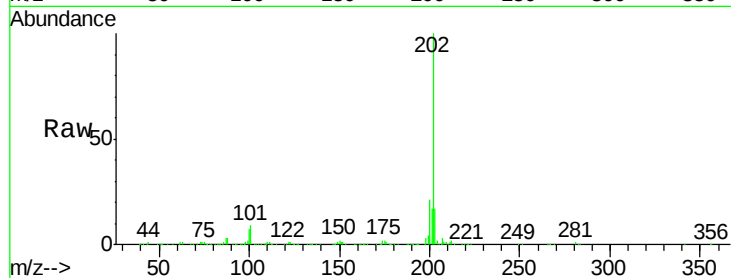
ClientSampled :

CB6L1

Tot Ion:	202	Resp:	521043
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.0	10.4
100	7.5	5.8	8.8

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#83

Benzo(a)anthracene

Concen: 2.616 ng/ul

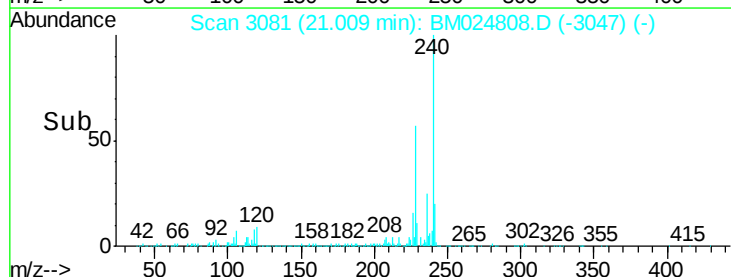
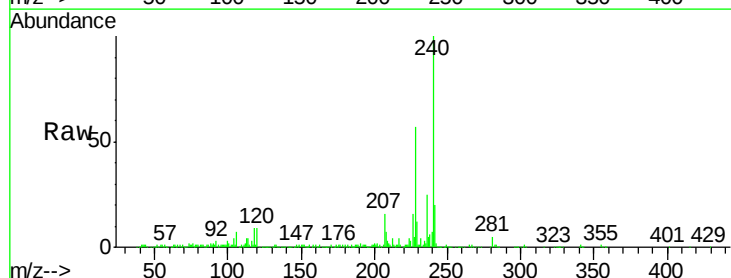
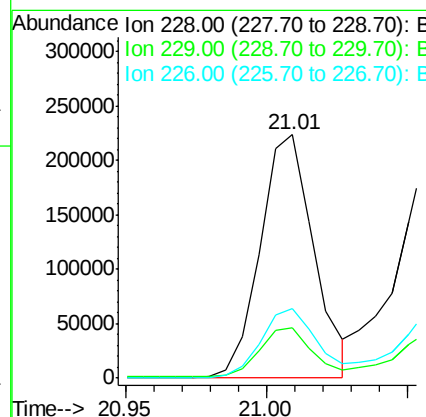
RT: 21.01 min Scan# 3081

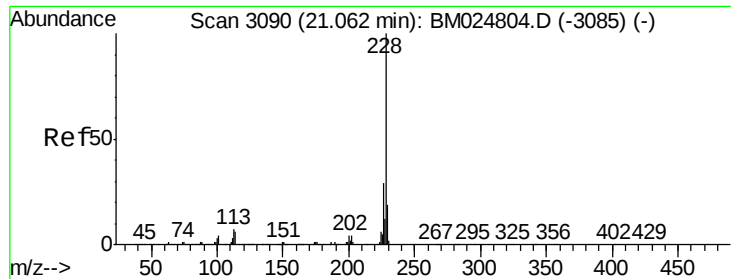
Delta R.T. -0.00 min

Lab File: BM024808.D

Acq: 10 Feb 2020 15:04

Tgt Ion:	228	Resp:	293901
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.7	20.8	31.2





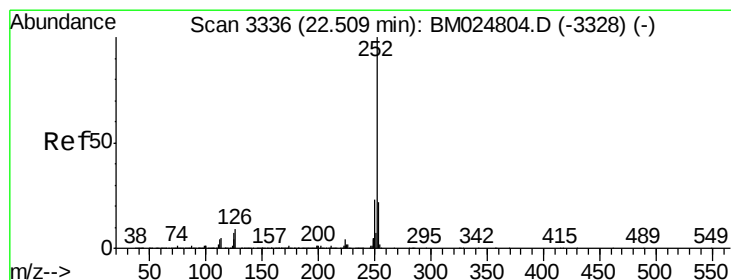
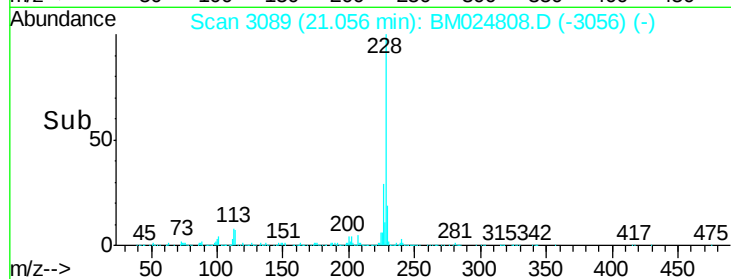
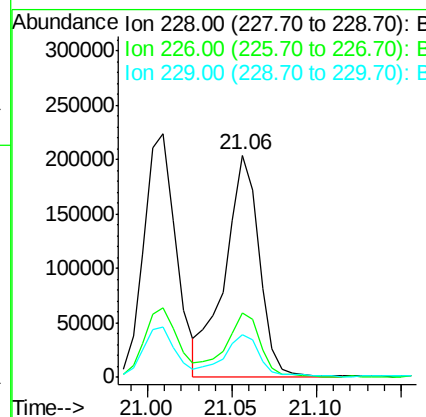
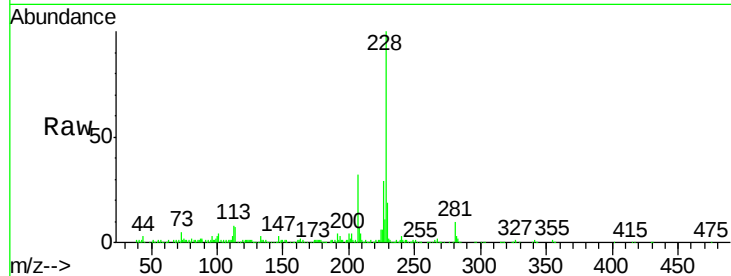
#85
Chrysene
Concen: 2.619 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024808.D
Acq: 10 Feb 2020 15:04

Instrument :
BNA_M
ClientSampled :
CB6L1

Tot Ion:	228	Resp:	289666
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.0	34.4
229	19.5	15.8	23.8

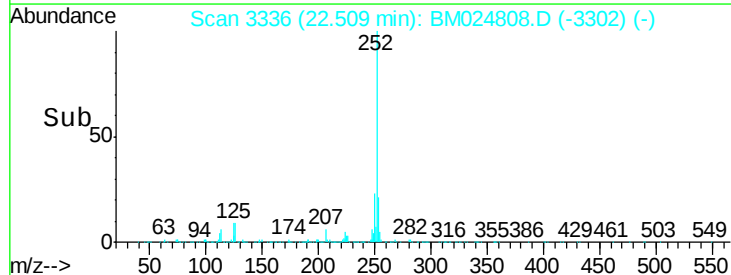
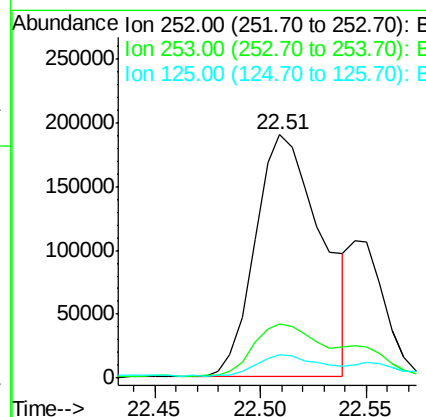
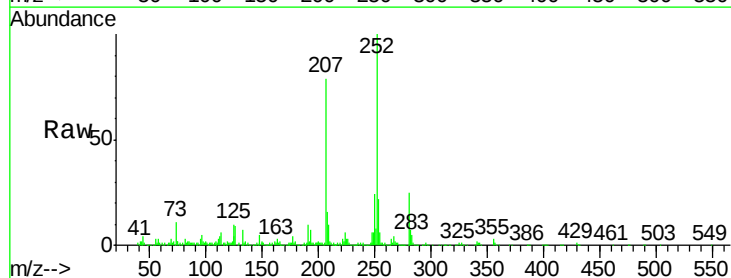
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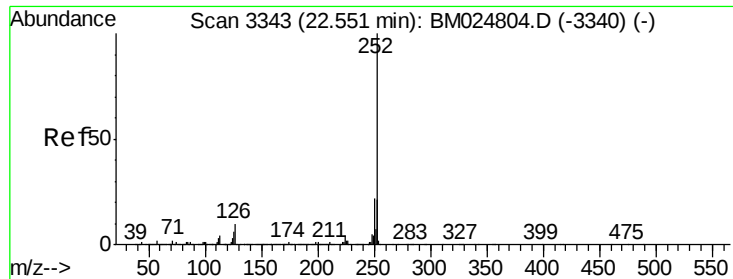
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#88
Benzo(b)fluoranthene
Concen: 3.701 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BM024808.D
Acq: 10 Feb 2020 15:04

Tgt Ion:	252	Resp:	412843
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.6	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 1.185 ng/ul m

RT: 22.54 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BM024808.D

Acq: 10 Feb 2020 15:04

Instrument :

BNA_M

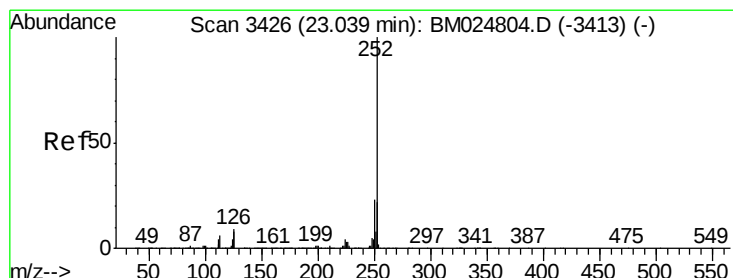
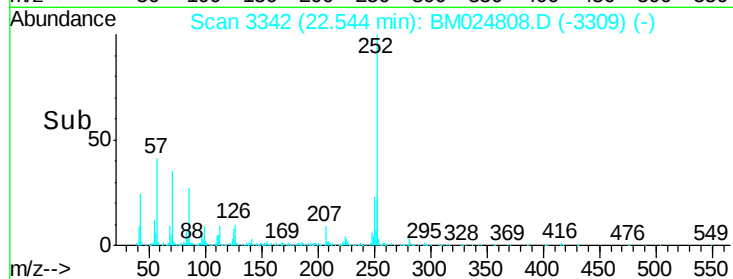
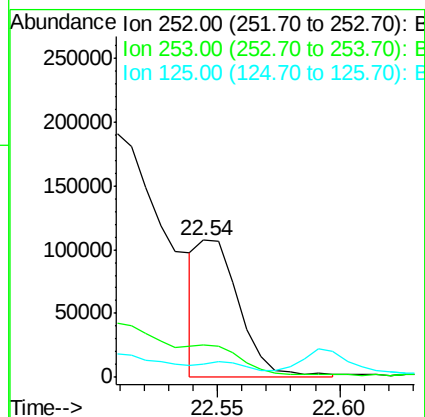
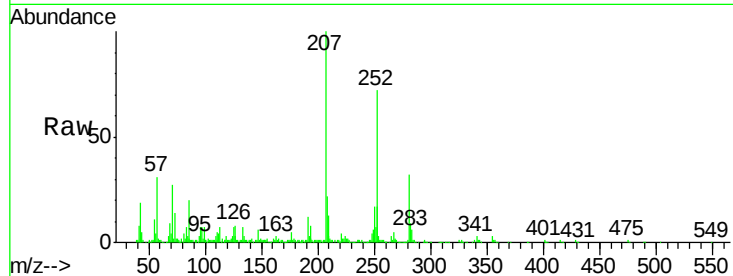
ClientSampled :

CB6L1

Tot Ion:	252	Resp:	127242
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	9.3	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 2.490 ng/ul

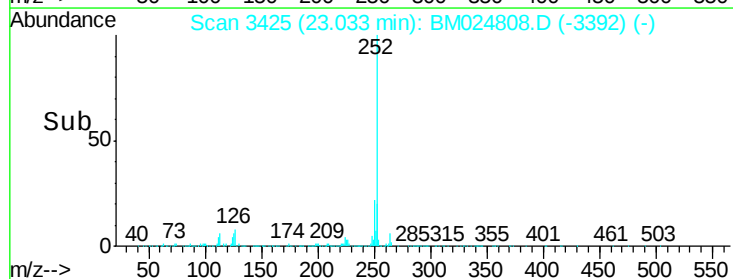
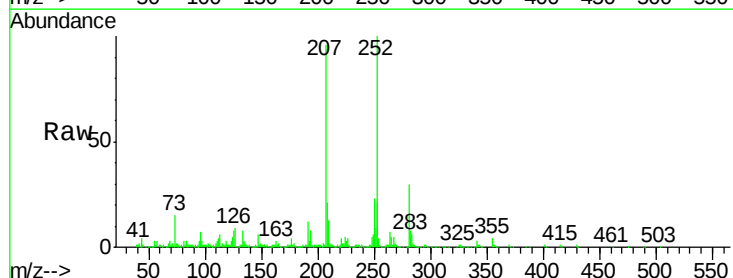
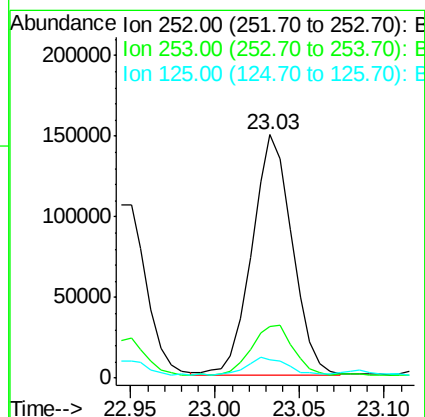
RT: 23.03 min Scan# 3425

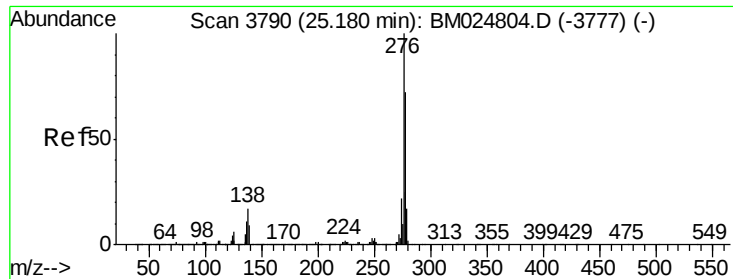
Delta R.T. -0.01 min

Lab File: BM024808.D

Acq: 10 Feb 2020 15:04

Tgt Ion:	252	Resp:	249048
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	7.7	5.6	8.4





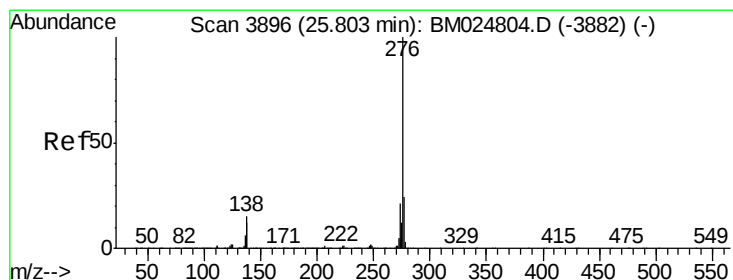
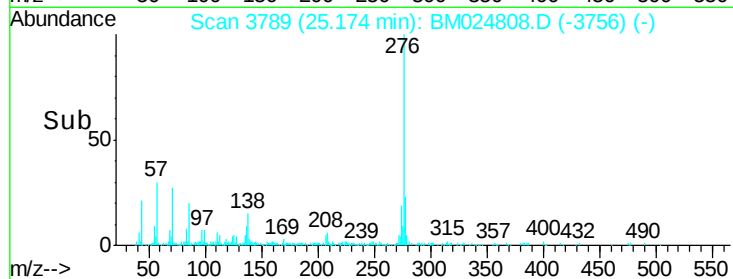
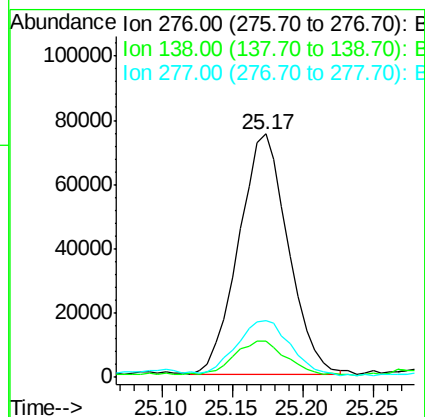
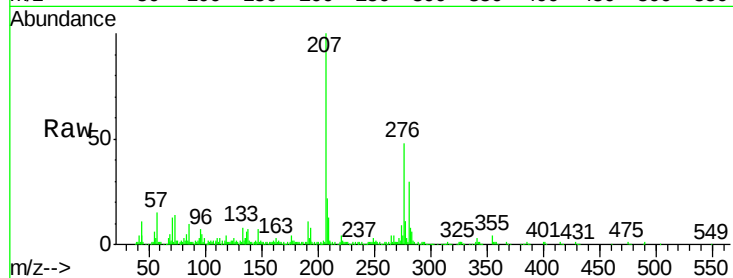
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.478 ng/ul
 RT: 25.17 min Scan# 3789
 Delta R.T. -0.01 min
 Lab File: BM024808.D
 Acq: 10 Feb 2020 15:04

Instrument :
 BNA_M
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Tot Ion:	276	Resp:	184009
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.8	19.2
277	23.5	19.3	28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.506 ng/ul
 RT: 25.79 min Scan# 3894
 Delta R.T. -0.01 min
 Lab File: BM024808.D
 Acq: 10 Feb 2020 15:04

Tgt Ion:	276	Resp:	155941
Ion Ratio	Lower	Upper	
276	100		
138	13.5	11.8	17.6
277	24.2	19.0	28.6

