

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024812.D
 Acq On : 10 Feb 2020 17:28
 Operator : CG/JU
 Sample : L1402-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L5

Manual Integrations
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 2/12/2020 9:50:26 AM

Quant Time: Feb 10 18:15:05 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	285535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1118690	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	709994	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1489098	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1452700	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1506493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20395	3.44	ng/uL	0.00
5) Phenol-d5	6.60	99	375692	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	226479	21.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	340756	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	300091	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	164769	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	191830	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	351831	18.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	391065	21.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1083640	20.22	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1291702	20.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	125484	14.41	ng/ul	0.00
58) Fluorene-d10	15.06	176	939363	19.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	138685	14.29	ng/ul	0.00
71) Anthracene-d10	16.91	188	1320283	19.42	ng/ul	0.00
79) Pyrene-d10	19.22	212	1520228	20.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1599462	21.14	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	191088	2.354	ng/ul	99
77) Fluoranthene	18.88	202	361678	3.629	ng/ul	99
80) Pyrene	19.24	202	353861	3.680	ng/ul	98
83) Benzo(a)anthracene	21.00	228	203144	2.076	ng/ul	98
85) Chrysene	21.06	228	192237	1.995	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	272961	2.849	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	102717m	1.114	ng/ul	
91) Benzo(a)pyrene	23.03	252	176645	2.057	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	128784	1.204	ng/ul	96
94) Benzo(g,h,i)perylene	25.79	276	122671	1.379	ng/ul	95

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

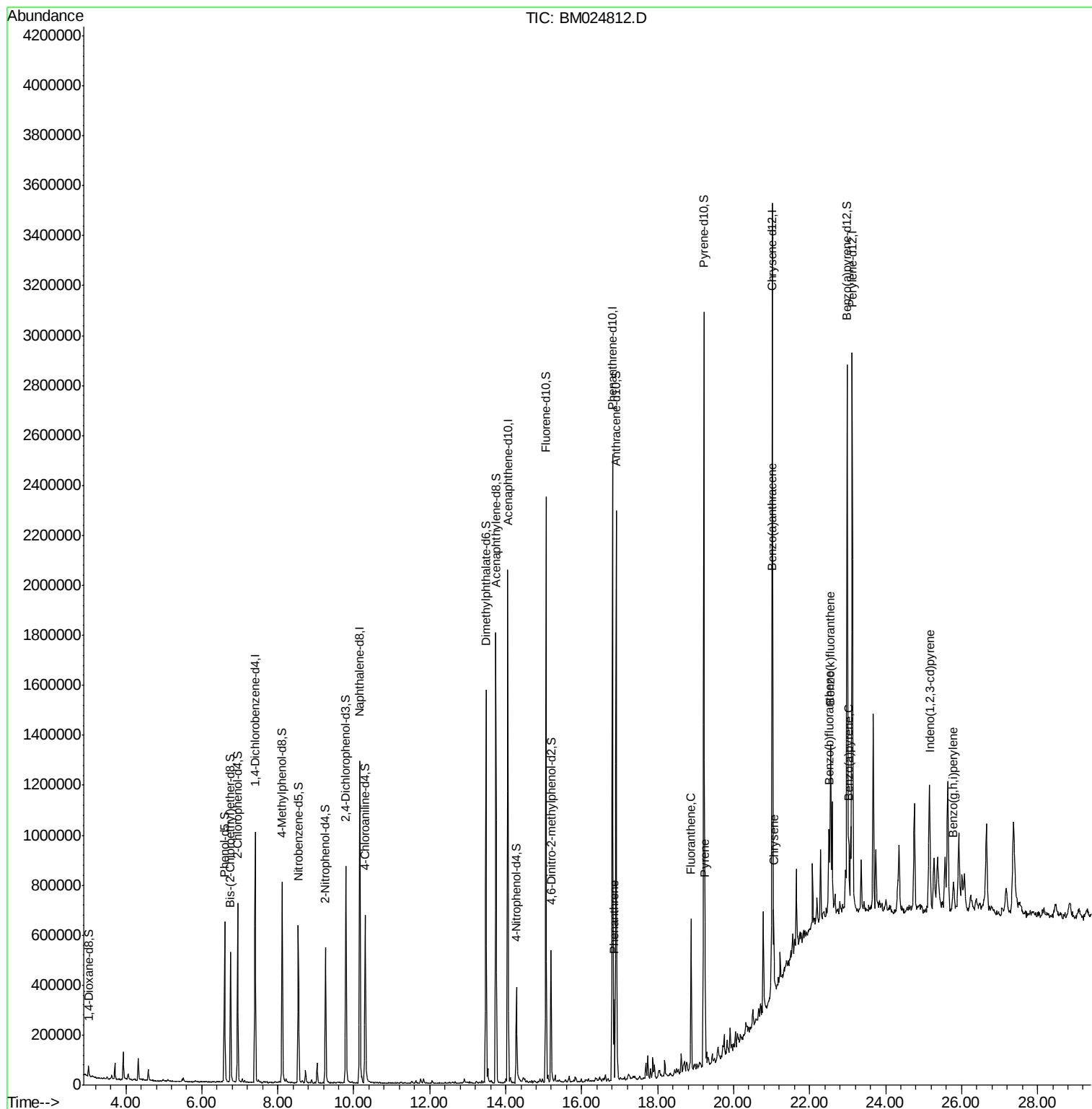
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024812.D
Acq On : 10 Feb 2020 17:28
Operator : CG/JU
Sample : L1402-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

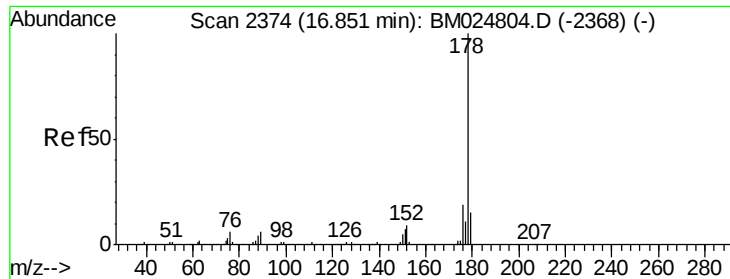
Instrument :
BNA_M
ClientSampled :
CB6L5

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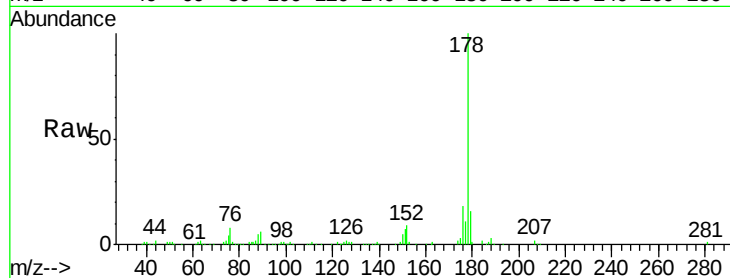
#70
Phenanthrene
Concen: 2.354 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

Instrument :
BNA_M
ClientSampleId :
CB6L5

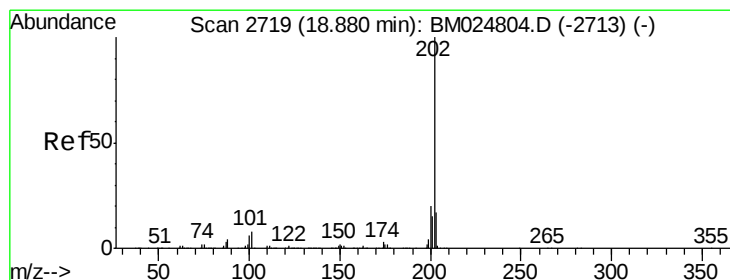
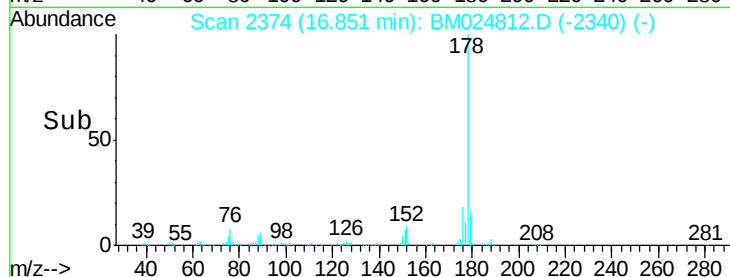
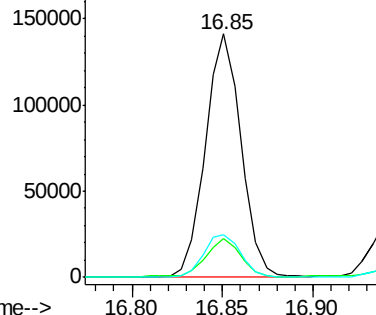
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	17.6	14.5	21.7

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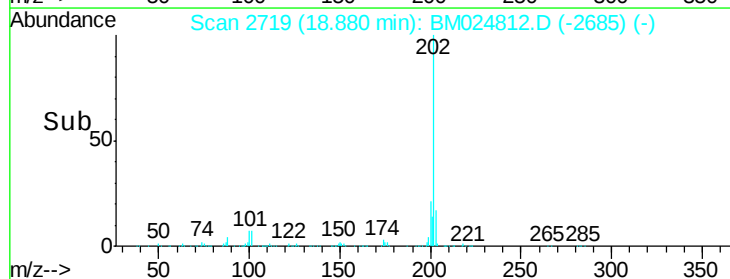
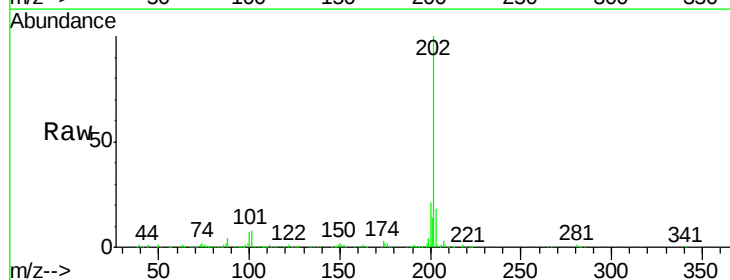
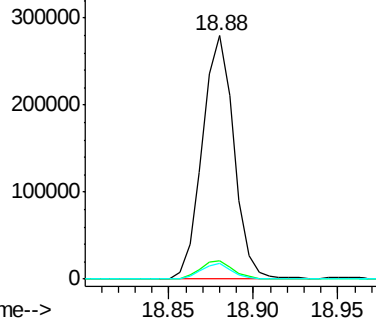
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

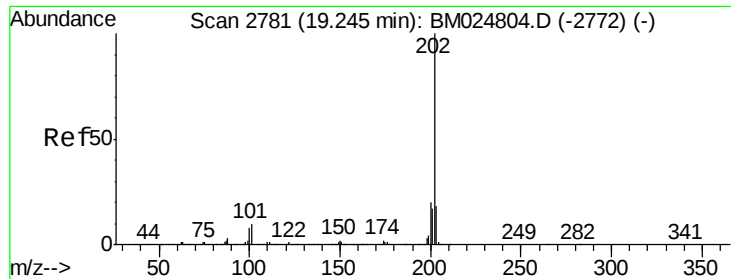


#77
Fluoranthene
Concen: 3.629 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.1	9.1
100	6.6	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





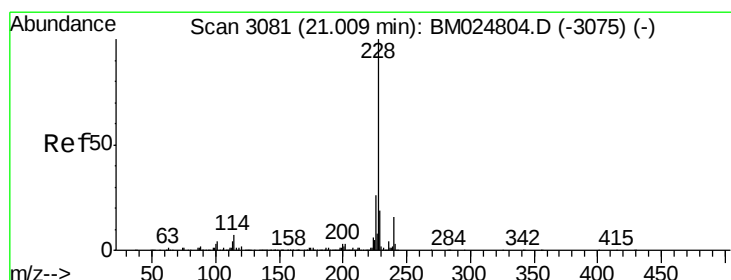
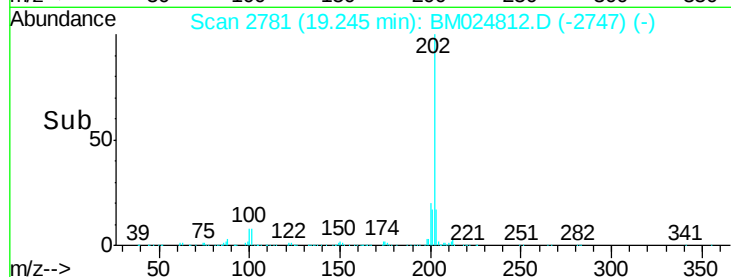
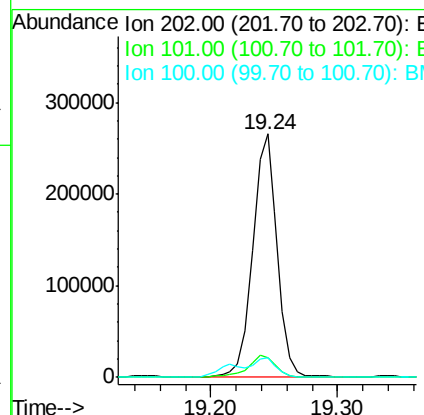
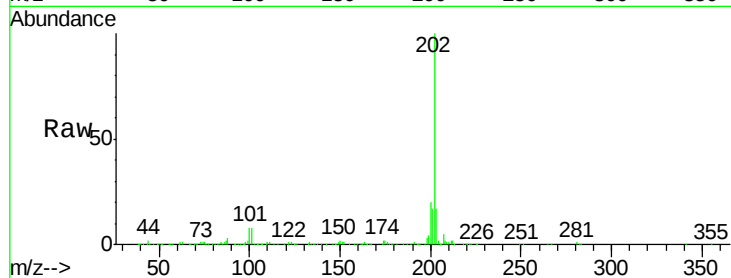
#80
Pvrene
Concen: 3.680 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

Instrument :
BNA_M
ClientSampleId :
CB6L5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	7.0	10.4
100	8.0	5.8	8.8

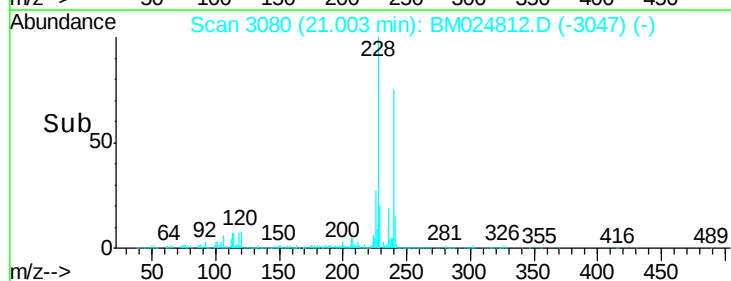
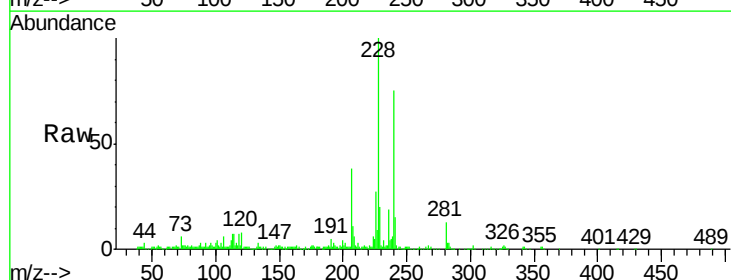
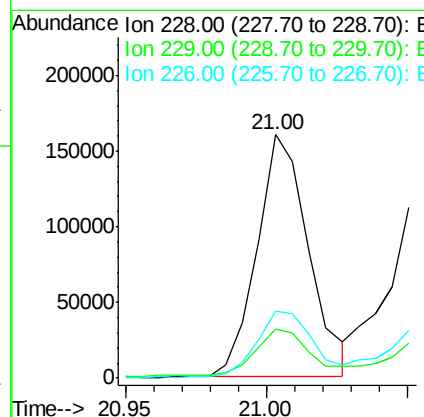
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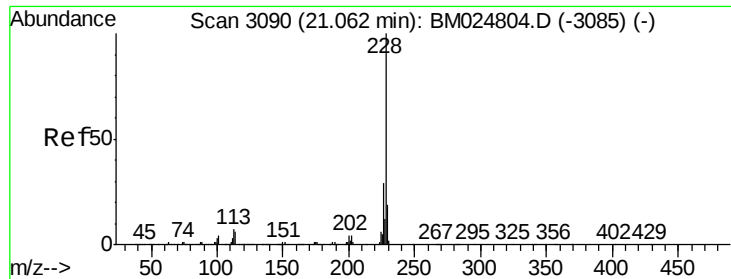
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#83
Benzo(a)anthracene
Concen: 2.076 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

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





#85

Chrysene

Concen: 1.995 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024812.D

Acq: 10 Feb 2020 17:28

Instrument :

BNA_M

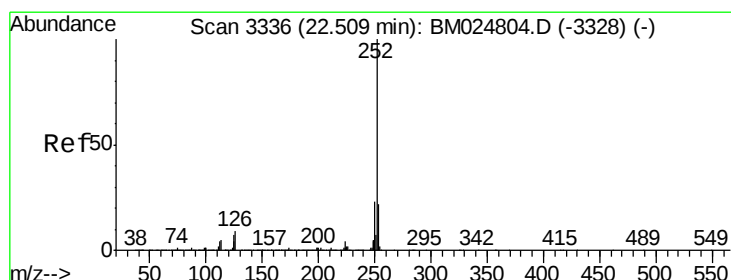
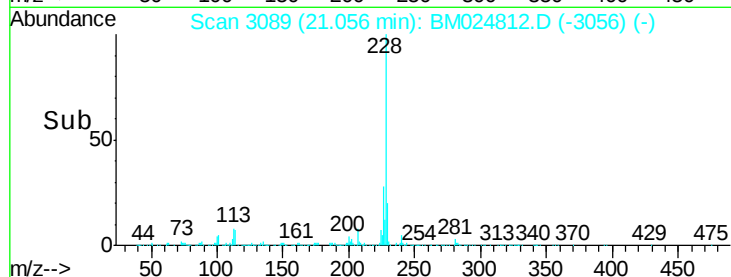
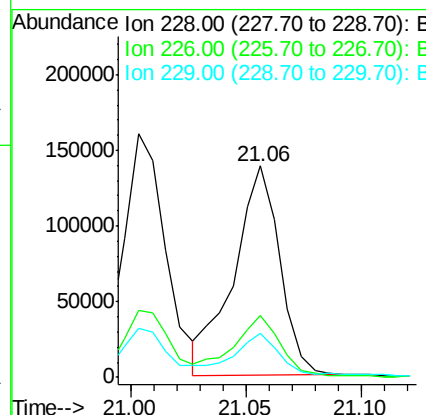
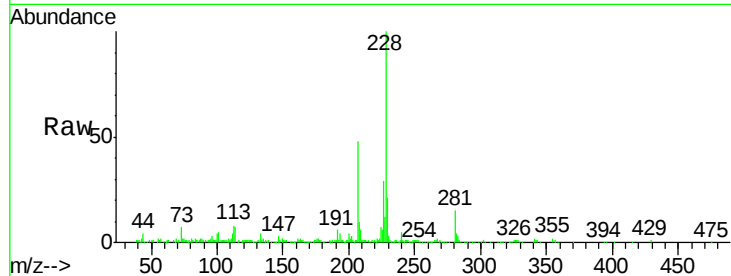
ClientSampleId :

CB6L5

Tot Ion:	228	Resp:	192237
Ion Ratio		Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.7	15.8	23.8

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#88

Benzo(b)fluoranthene

Concen: 2.849 ng/ul

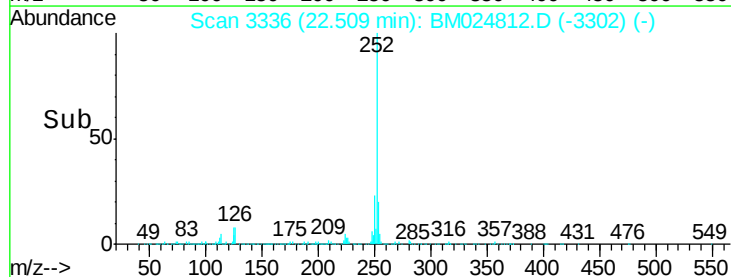
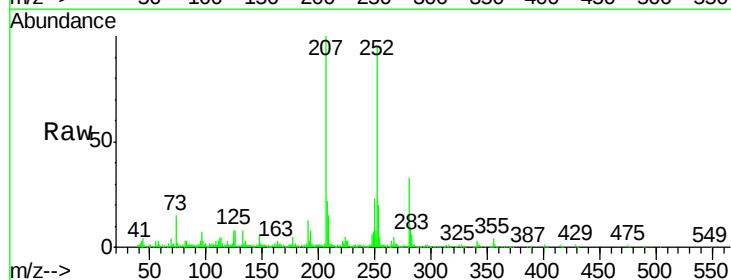
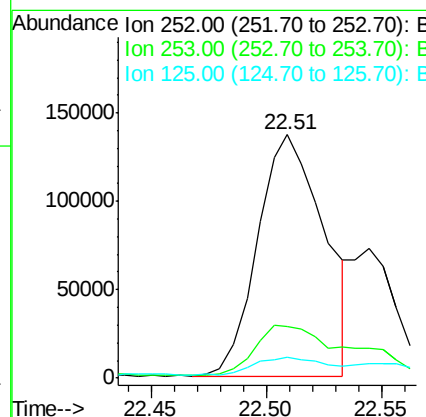
RT: 22.51 min Scan# 3336

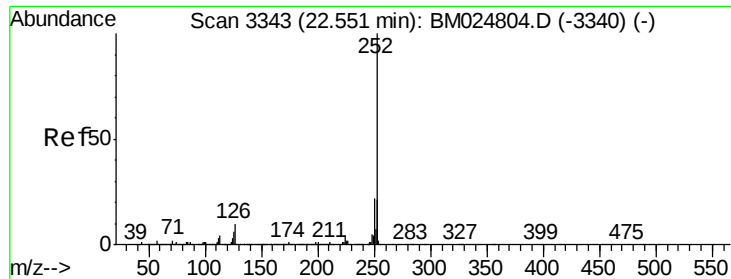
Delta R.T. -0.00 min

Lab File: BM024812.D

Acq: 10 Feb 2020 17:28

Tgt Ion:	252	Resp:	272961
Ion Ratio		Lower	Upper
252	100		
253	21.2	17.3	25.9
125	8.7	5.1	7.7#





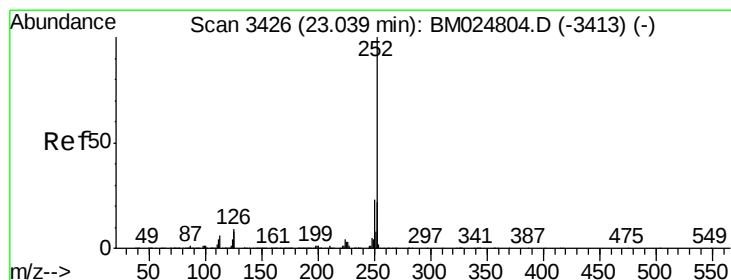
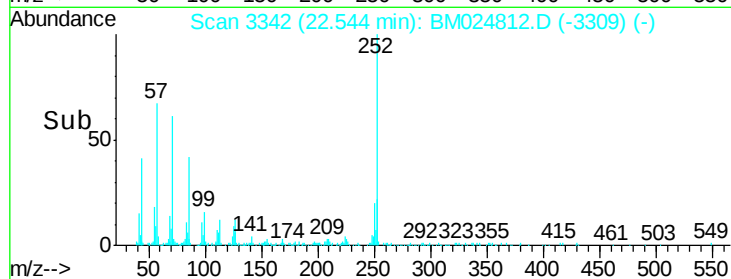
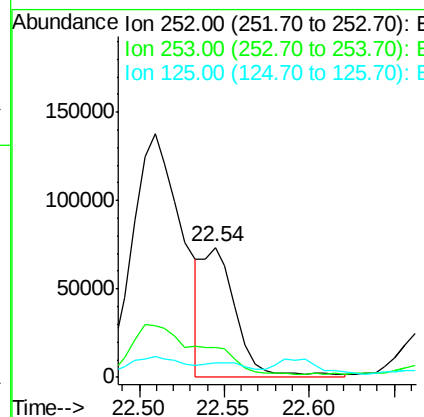
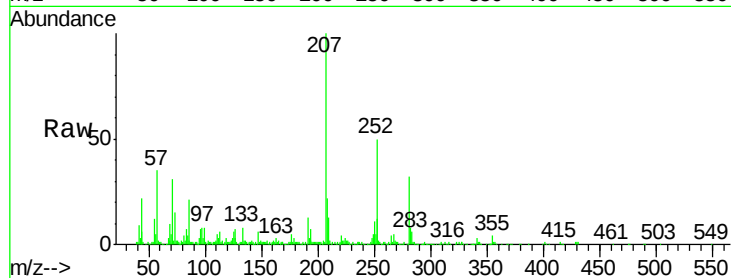
#89
Benzo(k)fluoranthene
Concen: 1.114 ng/ul m
RT: 22.54 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

Instrument :
BNA_M
ClientSampleId :
CB6L5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.3	5.1	7.7#

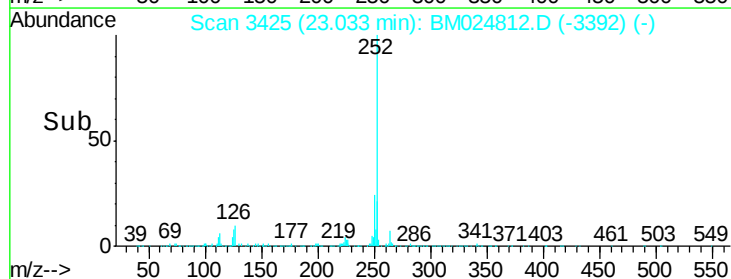
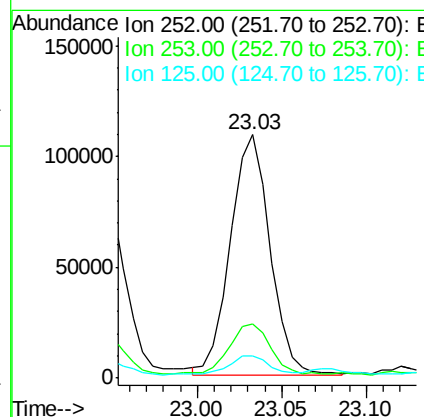
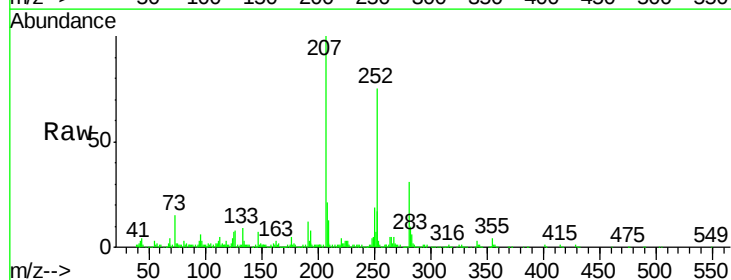
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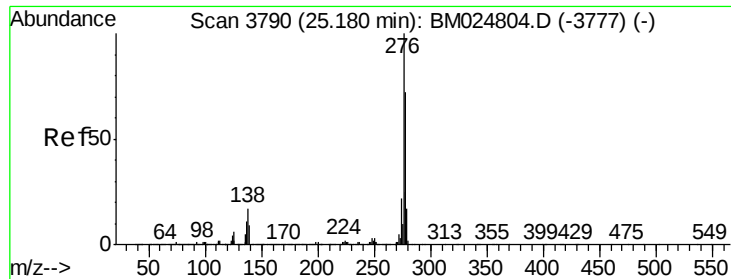
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#91
Benzo(a)pyrene
Concen: 2.057 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024812.D
Acq: 10 Feb 2020 17:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.3	5.6	8.4#





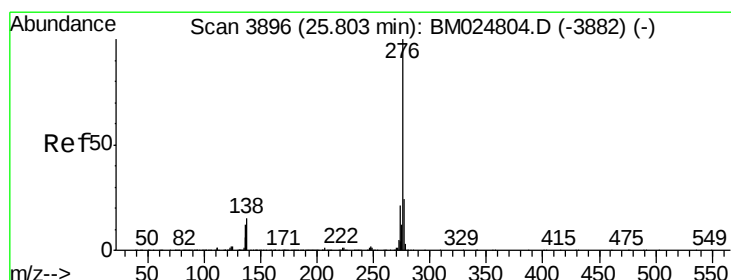
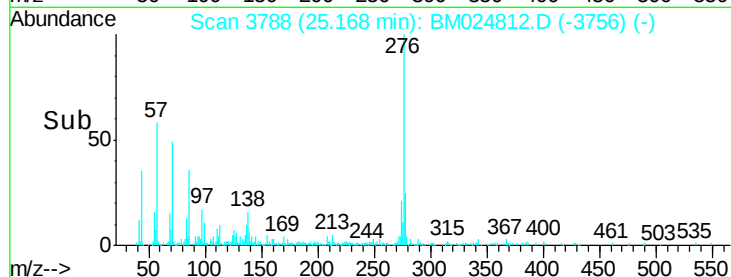
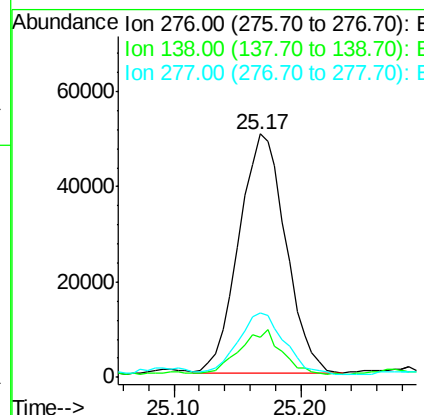
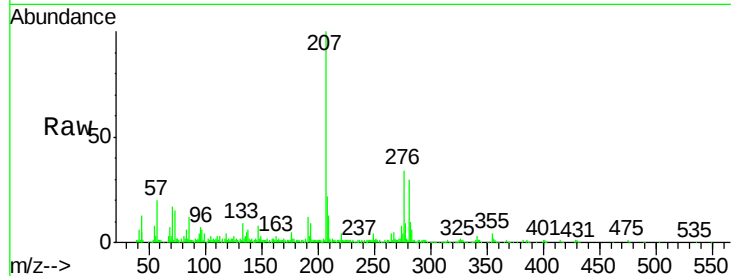
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.204 ng/ul
 RT: 25.17 min Scan# 3788
 Delta R.T. -0.01 min
 Lab File: BM024812.D
 Acq: 10 Feb 2020 17:28

Instrument :
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Tot Ion:	276	Resp:	128784
Ion Ratio	Lower	Upper	
276	100		
138	16.6	12.8	19.2
277	26.6	19.3	28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.379 ng/ul
 RT: 25.79 min Scan# 3894
 Delta R.T. -0.01 min
 Lab File: BM024812.D
 Acq: 10 Feb 2020 17:28

Tgt Ion:	276	Resp:	122671
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.8	17.6
277	27.2	19.0	28.6

