

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024788.D
 Acq On : 08 Feb 2020 07:52
 Operator : CG/JU
 Sample : L1400-08
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H4

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:26 AM

Quant Time: Feb 10 00:50:04 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	317517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1245966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	818843	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1775283	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1710947	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1769327	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	21867	3.31	ng/uL	0.00
5) Phenol-d5	6.60	99	369444	17.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	247657	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	350968	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	326661	18.35	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	182829	20.29	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	209180	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	367390	17.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	463152	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1301100	21.05	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1348883	18.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	159692	15.90	ng/ul	0.00
58) Fluorene-d10	15.06	176	1051732	19.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	186562	16.12	ng/ul	0.00
71) Anthracene-d10	16.91	188	1534558	18.94	ng/ul	0.00
79) Pyrene-d10	19.22	212	1670723	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1641402	18.47	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	425731	4.398	ng/ul	99
77) Fluoranthene	18.88	202	721588	6.073	ng/ul	99
80) Pyrene	19.24	202	561263	4.956	ng/ul	99
83) Benzo(a)anthracene	21.01	228	345103	2.994	ng/ul	98
85) Chrysene	21.06	228	335287	2.955	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	468000	4.160	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	138059m	1.275	ng/ul	
91) Benzo(a)pyrene	23.03	252	253122	2.509	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	198980	1.585	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	144275	1.381	ng/ul	99

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

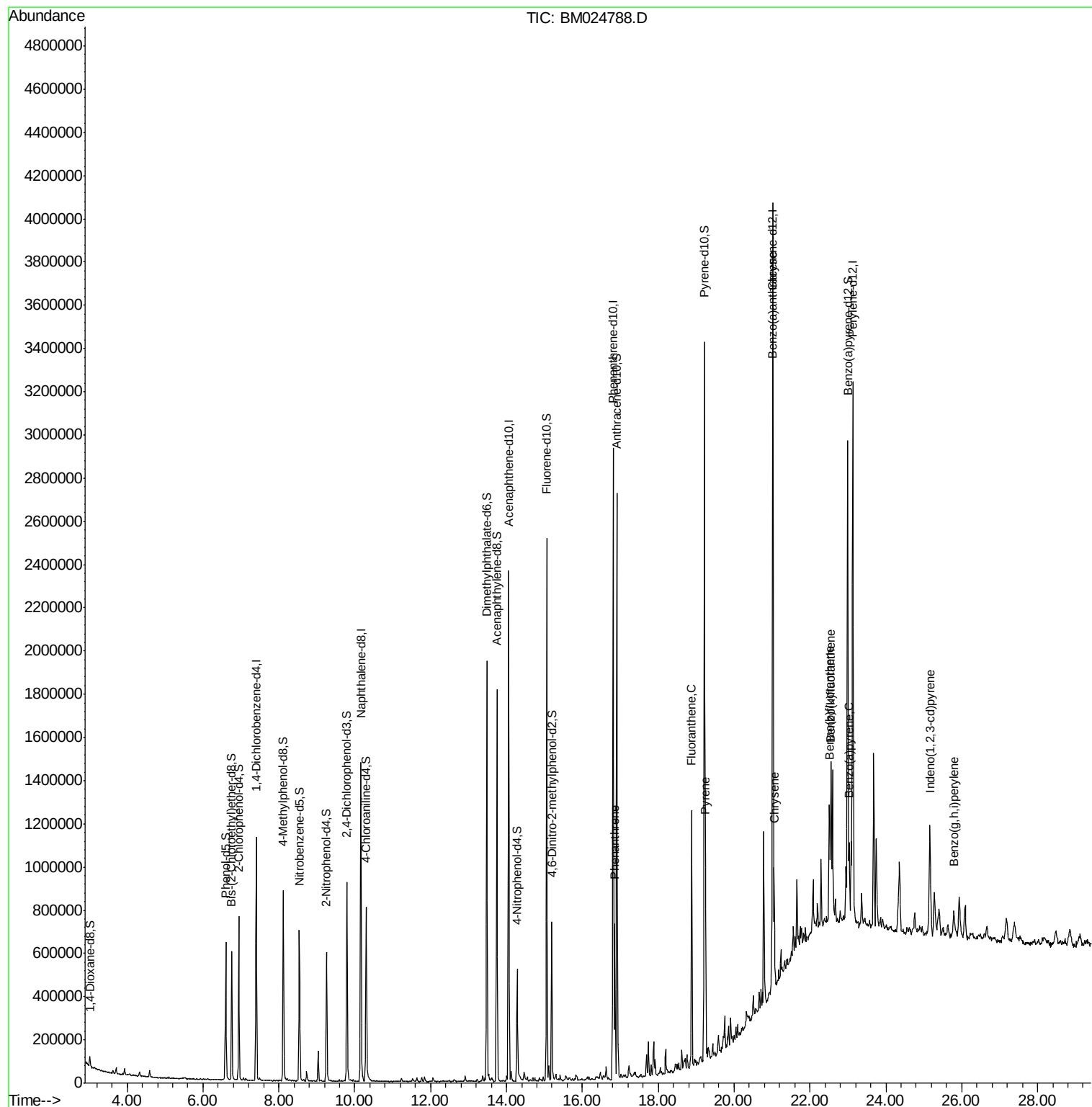
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
ALS Vial : 67 Sample Multiplier: 1

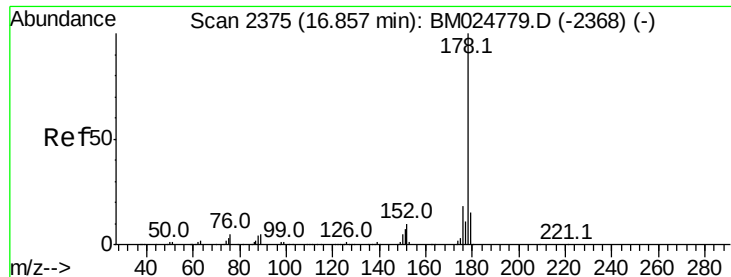
Instrument :
BNA_M
ClientSampleId :
CB6H4

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Quant Time: Feb 10 00:50:04 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





#70

Phenanthrene

Concen: 4.398 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024788.D

Acq: 08 Feb 2020 07:52

Instrument :

BNA_M

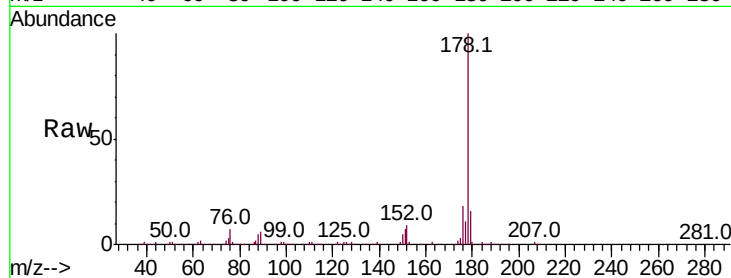
ClientSampleId :

CB6H4

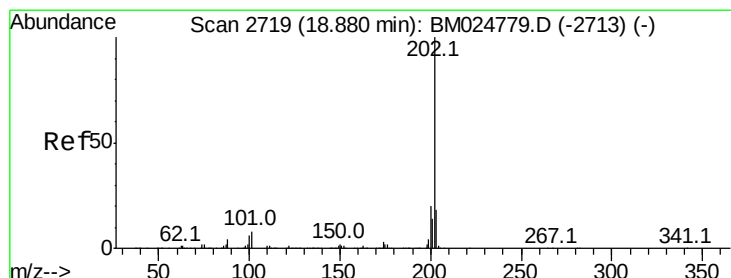
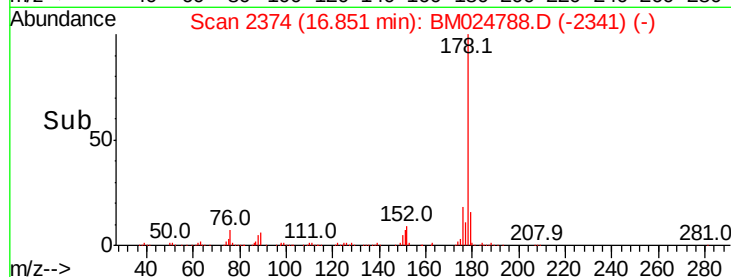
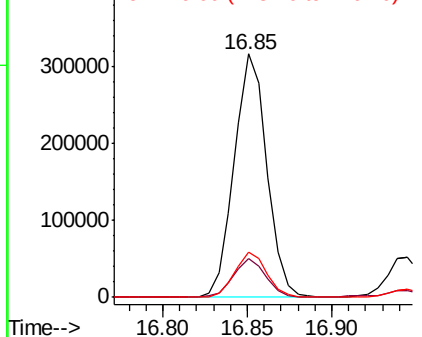
Tot Ion:	178	Resp:	425731
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	18.4	14.5	21.7

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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: 6.073 ng/ul

RT: 18.88 min Scan# 2719

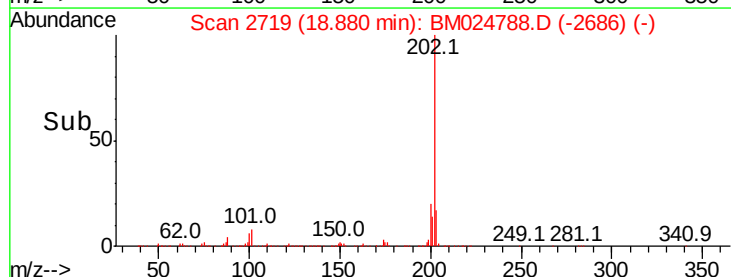
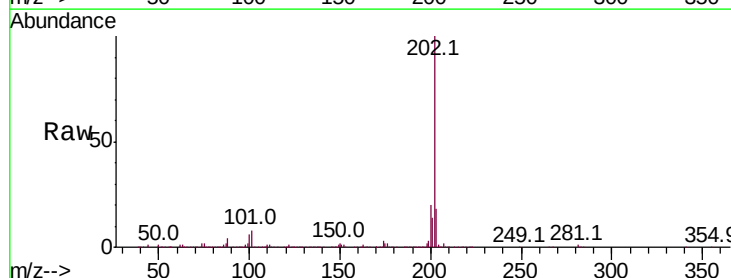
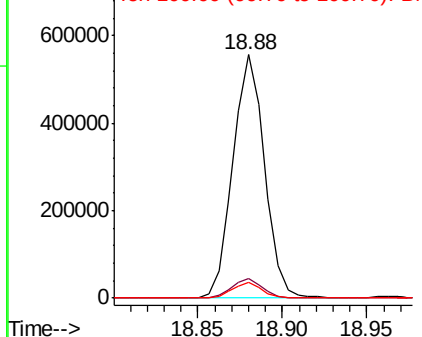
Delta R.T. -0.01 min

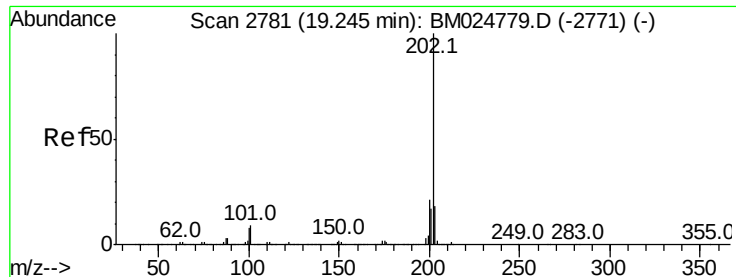
Lab File: BM024788.D

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Tgt Ion:	202	Resp:	721588
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.1	9.1
100	6.2	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





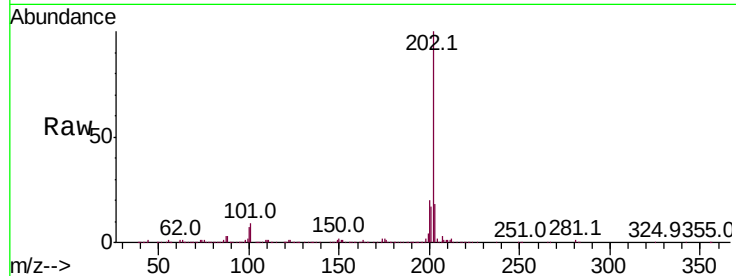
#80
Pvrene
Concen: 4.956 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Instrument :
BNA_M
ClientSampleId :
CB6H4

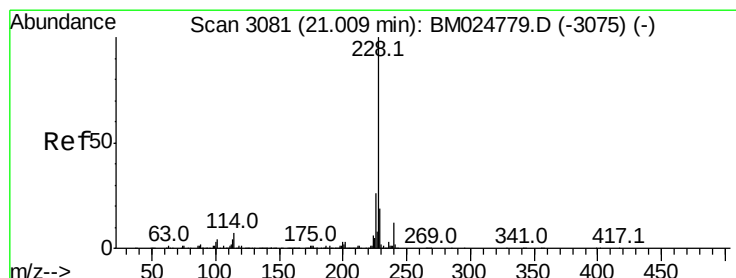
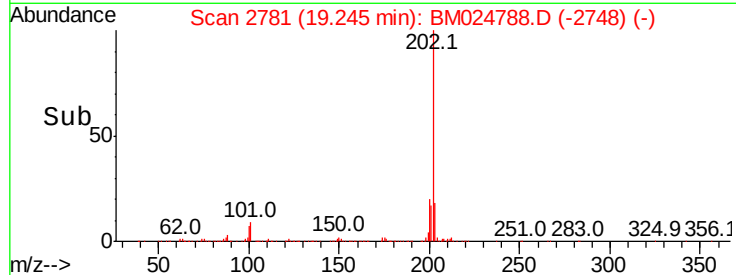
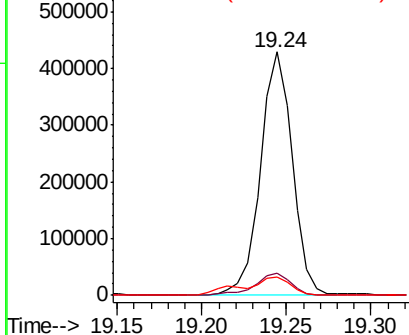
Tot Ion:	202	Resp:	561263
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.0	10.4
100	7.4	5.8	8.8

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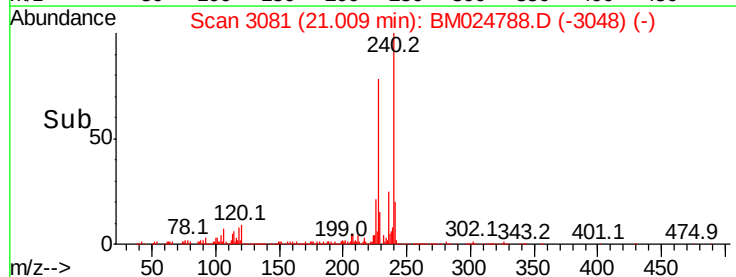
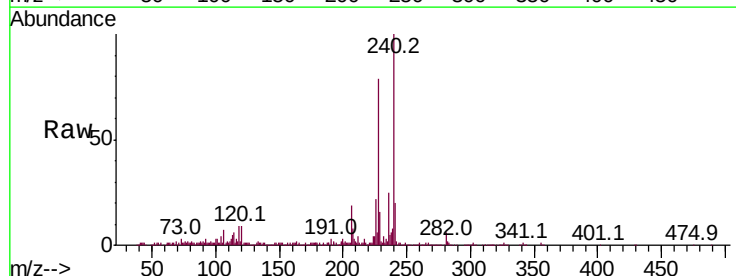
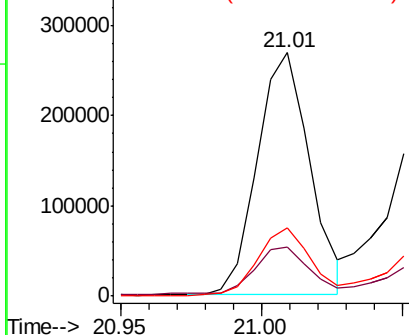
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

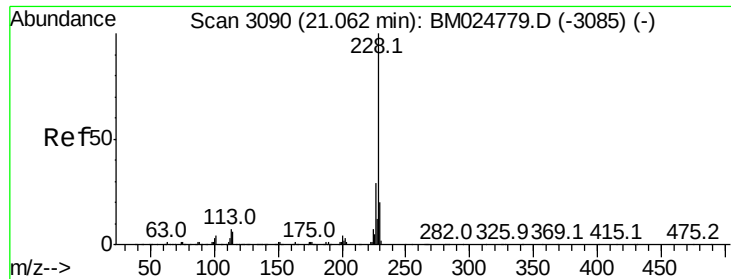


#83
Benzo(a)anthracene
Concen: 2.994 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Tgt Ion:	228	Resp:	345103
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.9	23.9
226	27.8	20.8	31.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





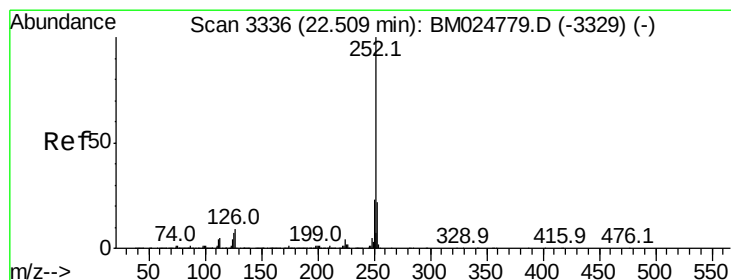
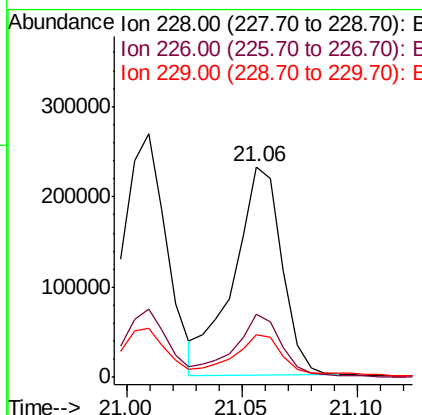
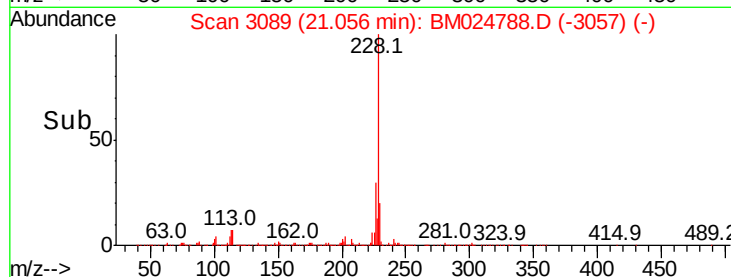
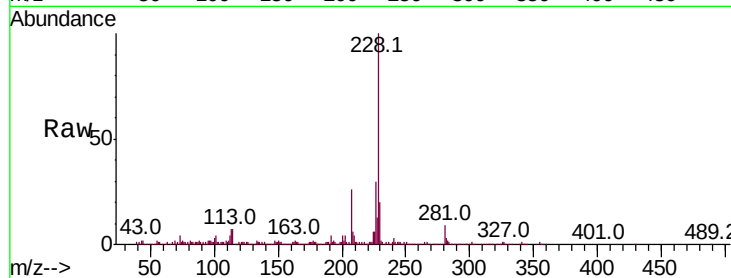
#85
Chrysene
Concen: 2.955 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Instrument :
BNA_M
ClientSampled :
CB6H4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	20.1	15.8	23.8

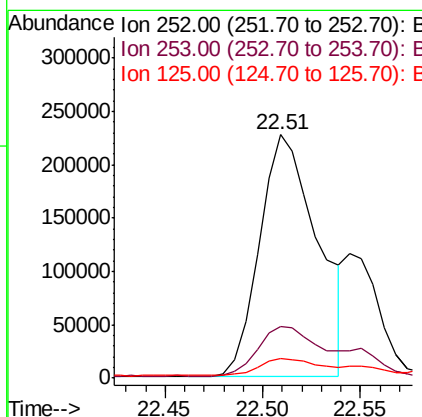
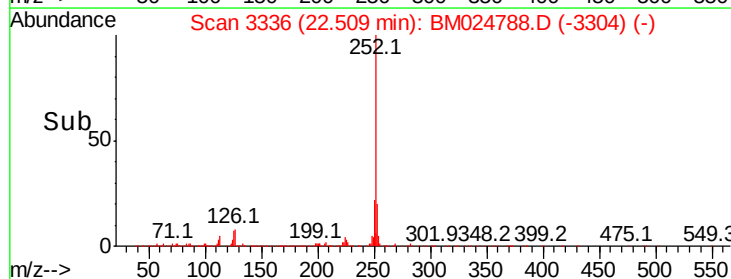
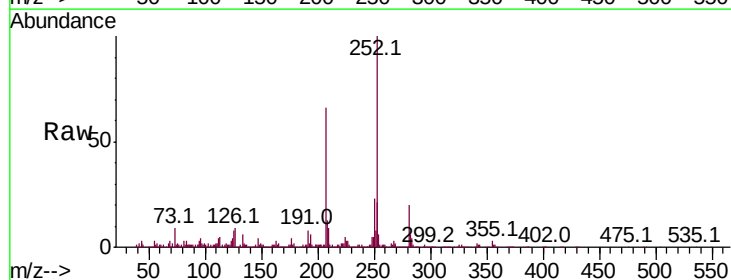
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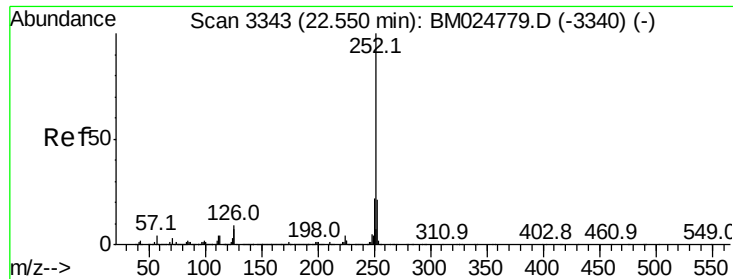
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#88
Benzo(b)fluoranthene
Concen: 4.160 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	7.9	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 1.275 ng/ul

RT: 22.54 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BM024788.D

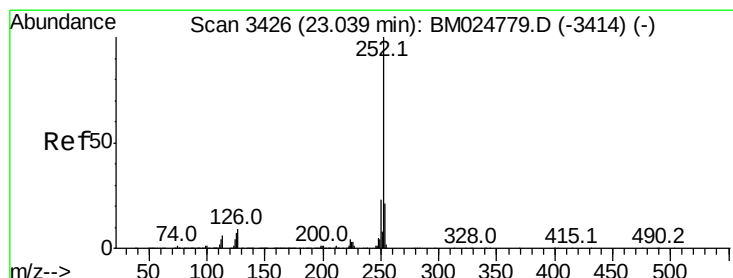
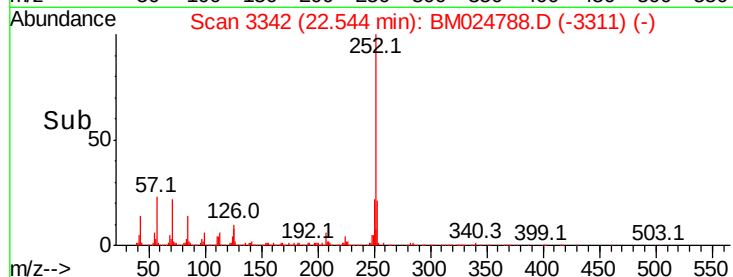
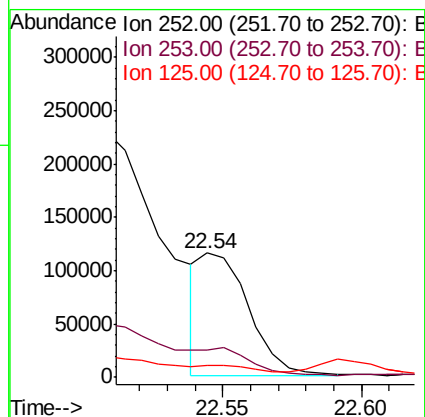
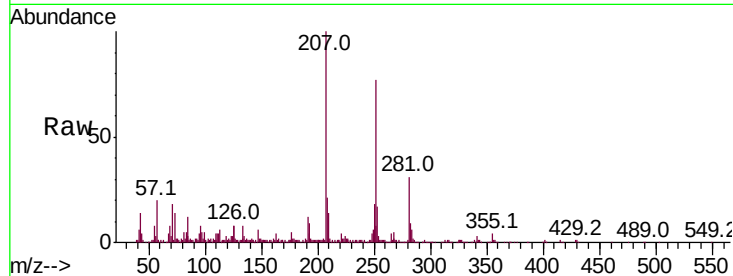
Acq: 08 Feb 2020 07:52

Instrument :
BNA_M
ClientSampleId :
CB6H4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.8	5.1	7.7

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#91

Benzo(a)pyrene

Concen: 2.509 ng/ul

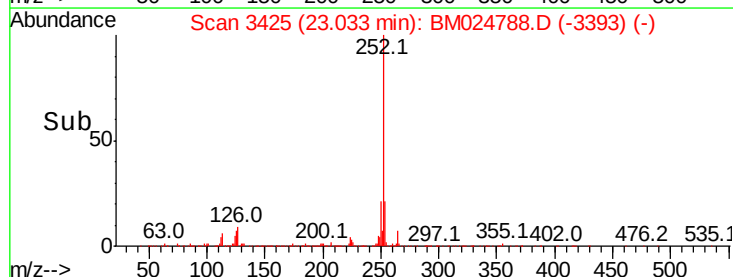
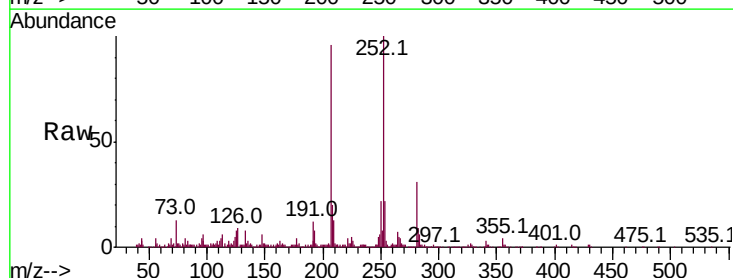
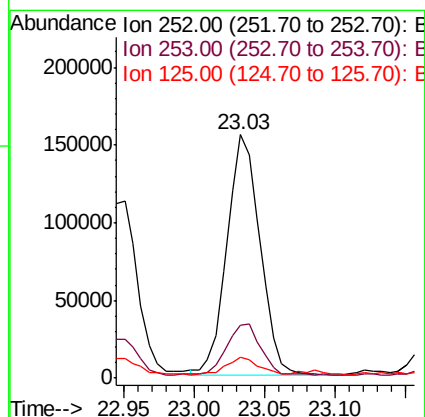
RT: 23.03 min Scan# 3425

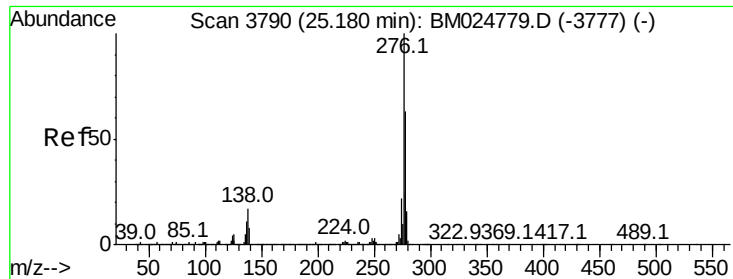
Delta R.T. -0.01 min

Lab File: BM024788.D

Acq: 08 Feb 2020 07:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.4	5.6	8.4





#92

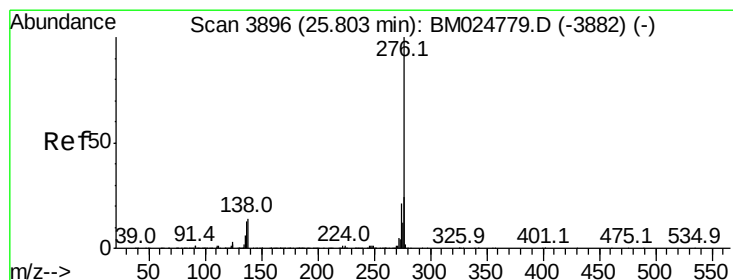
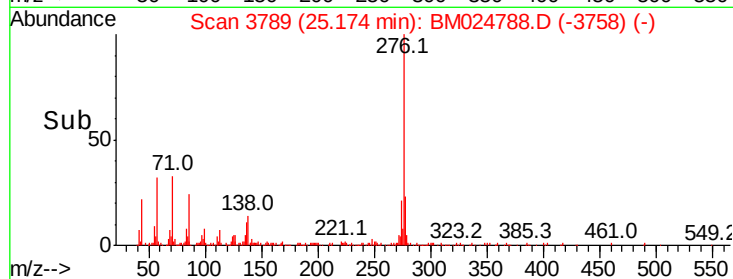
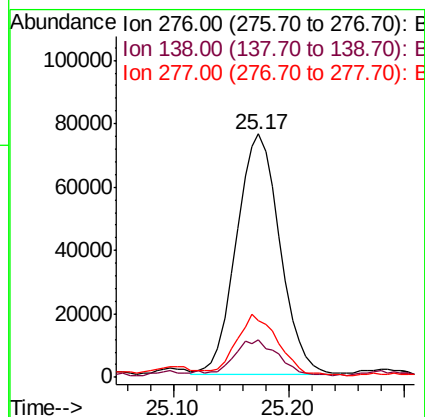
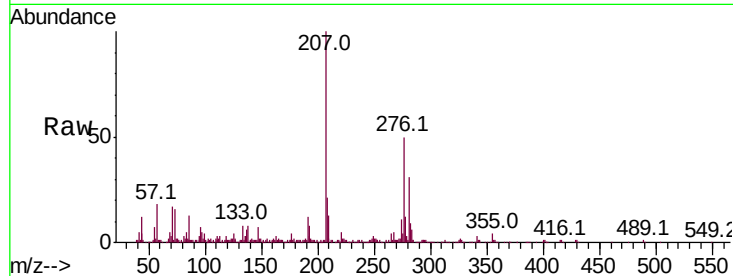
Indeno(1,2,3-cd)pyrene
Concen: 1.585 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Instrument :
BNA_M
ClientSampleId :
CB6H4

Tot Ion:	276	Resp:	198980
Ion Ratio	Lower	Upper	
276	100		
138	15.3	12.8	19.2
277	23.3	19.3	28.9

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#94

Benzo(g,h,i)perylene
Concen: 1.381 ng/ul
RT: 25.80 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM024788.D
Acq: 08 Feb 2020 07:52

Tgt Ion:	276	Resp:	144275
Ion Ratio	Lower	Upper	
276	100		
138	15.5	11.8	17.6
277	24.3	19.0	28.6

