

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024840.D
 Acq On : 11 Feb 2020 18:39
 Operator : CG/JU
 Sample : L1405-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P2

Manual Integrations
 APPROVED

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Quant Time: Feb 12 04:55:07 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	334343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1300851	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	824131	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1677439	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1572403	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1649829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	28958	4.17	ng/uL	0.00
5) Phenol-d5	6.60	99	508399	22.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	306429	24.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	464827	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	423474	22.60	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	228050	24.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	272067	24.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	488099	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	600535	28.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1537710	24.72	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1781085	24.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	190211	18.82	ng/ul	0.00
58) Fluorene-d10	15.06	176	1310087	23.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	207788	19.00	ng/ul	0.00
71) Anthracene-d10	16.90	188	1942595	25.37	ng/ul	0.00
79) Pyrene-d10	19.22	212	2136601	27.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2233519	26.95	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	378999	4.144	ng/ul	99
77) Fluoranthene	18.87	202	644735	5.742	ng/ul	98
80) Pyrene	19.24	202	572781	5.503	ng/ul	97
83) Benzo(a)anthracene	21.00	228	319509	3.017	ng/ul	99
85) Chrysene	21.06	228	296456	2.843	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	437963	4.175	ng/ul#	96
89) Benzo(k)fluoranthene	22.54	252	147692m	1.463	ng/ul	
91) Benzo(a)pyrene	23.03	252	246521	2.621	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	241972	2.066	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	229023	2.352	ng/ul	99

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

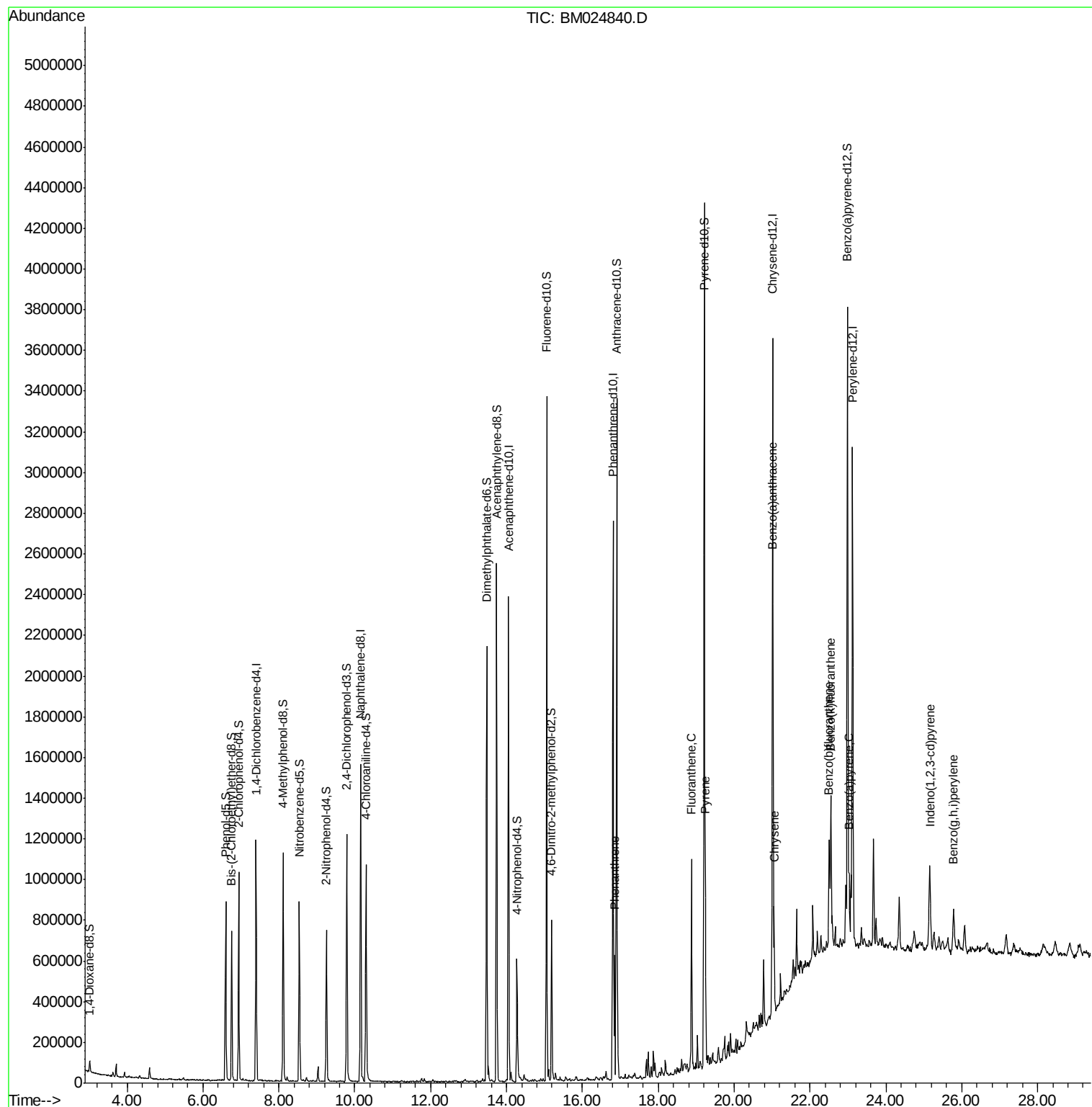
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024840.D
Acq On : 11 Feb 2020 18:39
Operator : CG/JU
Sample : L1405-02
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ALS Vial : 9 Sample Multiplier: 1

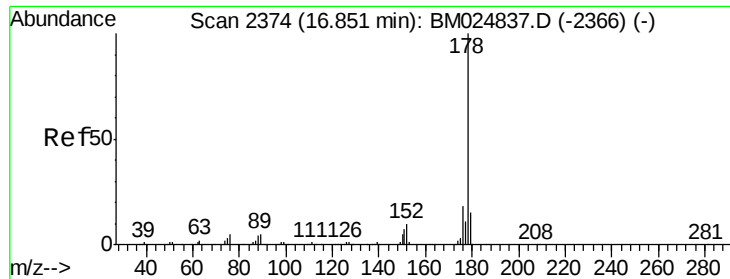
Instrument :
BNA_M
ClientSampleId :
CB6P2

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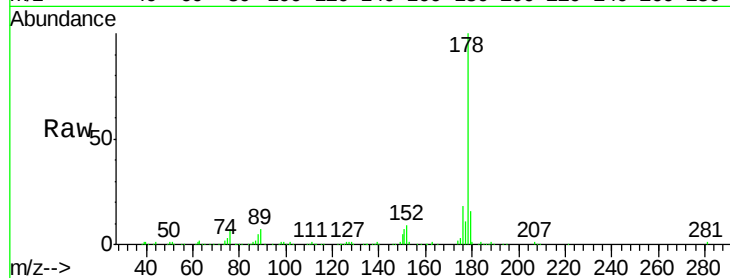
#70
Phenanthrene
Concen: 4.144 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Instrument :
BNA_M
ClientSampleId :
CB6P2

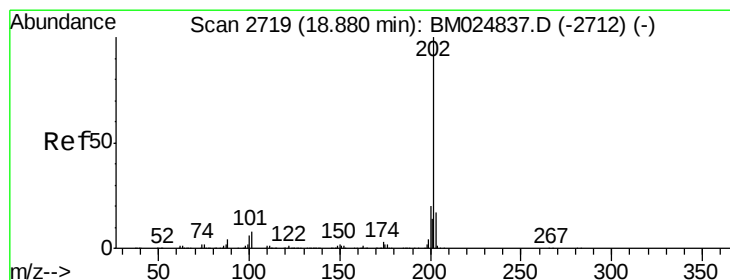
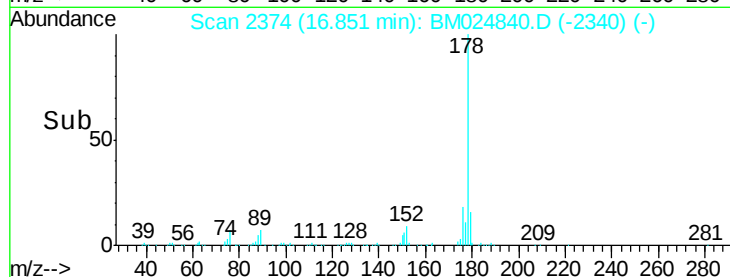
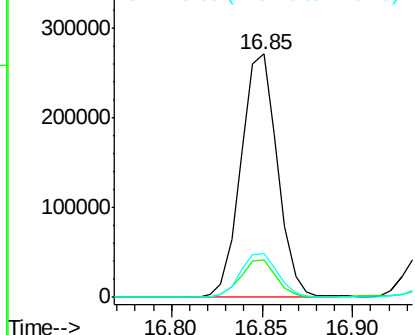
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	17.9	14.5	21.7

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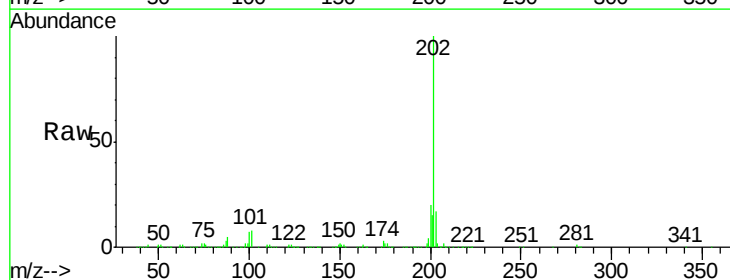


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

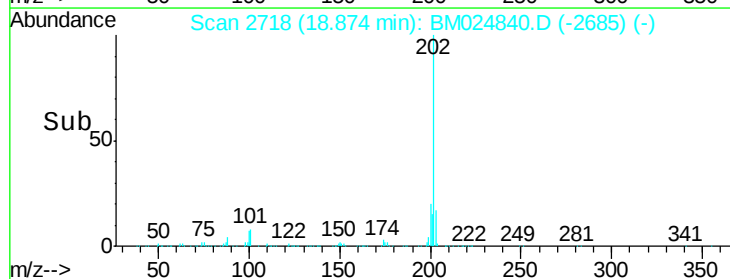
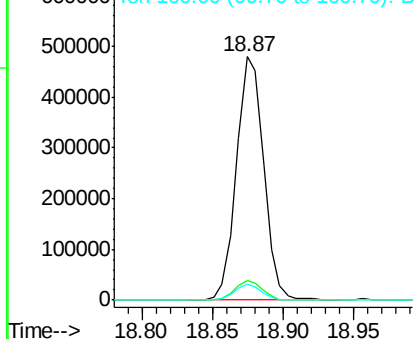


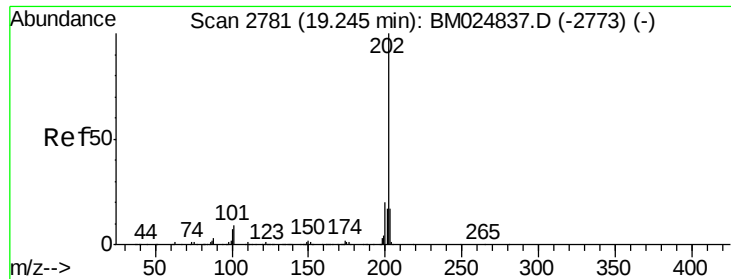
#77
Fluoranthene
Concen: 5.742 ng/ul
RT: 18.87 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.1	9.1
100	6.7	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





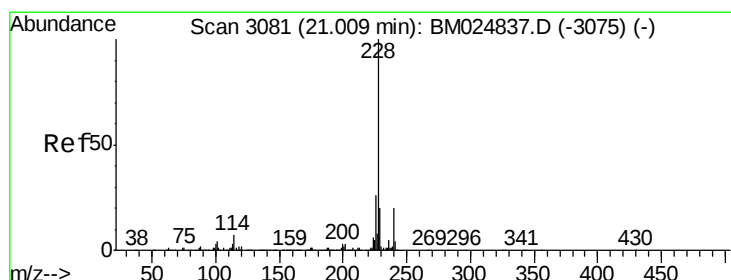
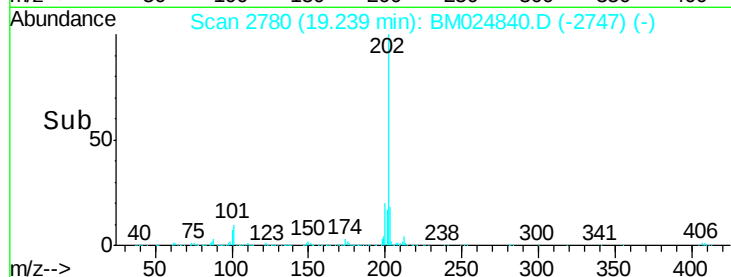
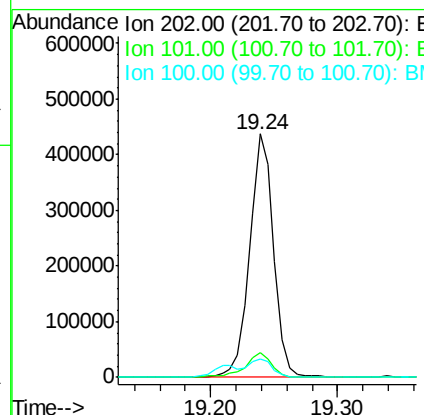
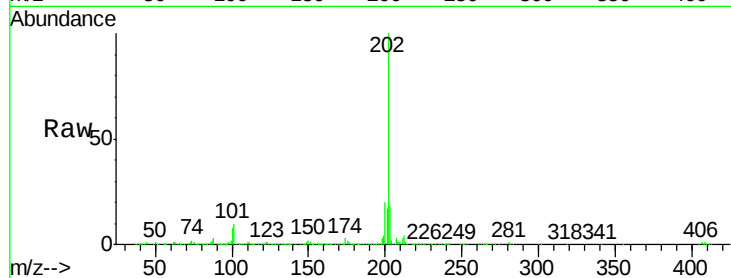
#80
Pvrene
Concen: 5.503 ng/ul
RT: 19.24 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Instrument :
BNA_M
ClientSampled :
CB6P2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	7.0	10.4
100	7.6	5.8	8.8

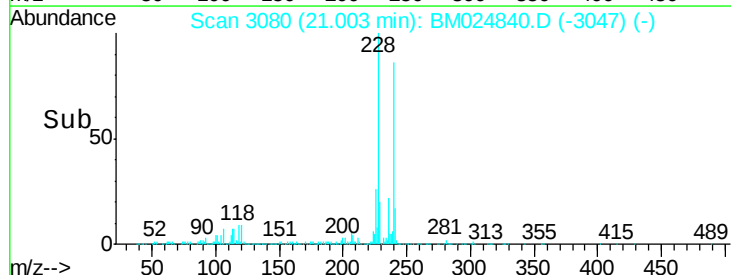
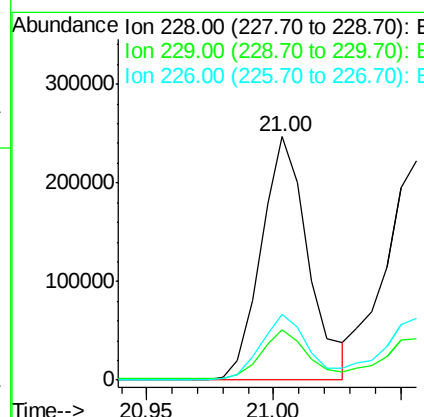
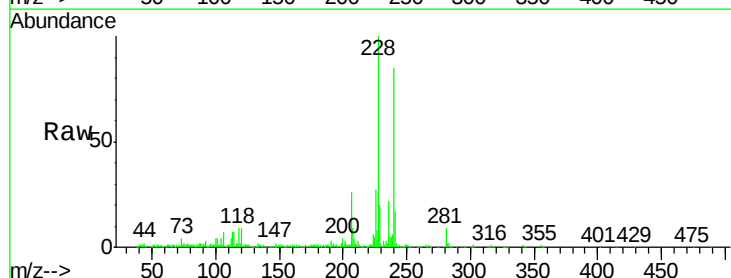
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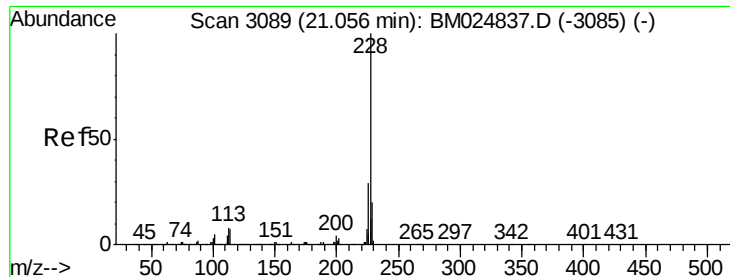
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#83
Benzo(a)anthracene
Concen: 3.017 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.8	20.8	31.2





#85

Chrysene

Concen: 2.843 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM024840.D

Acq: 11 Feb 2020 18:39

Instrument :

BNA_M

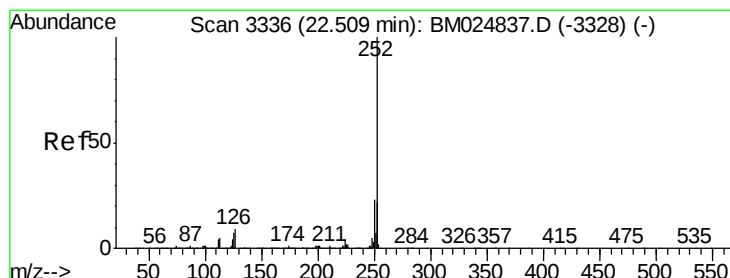
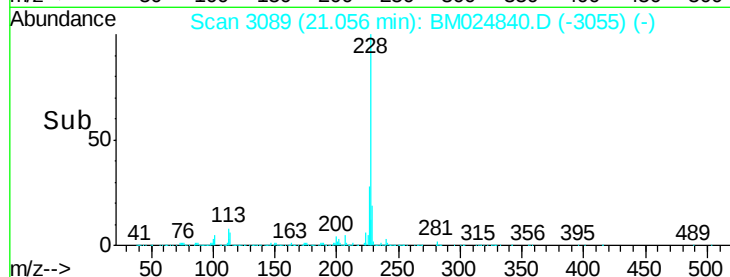
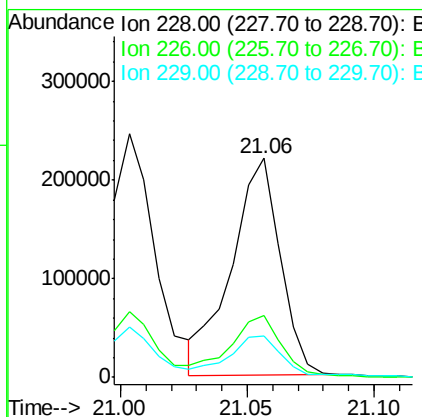
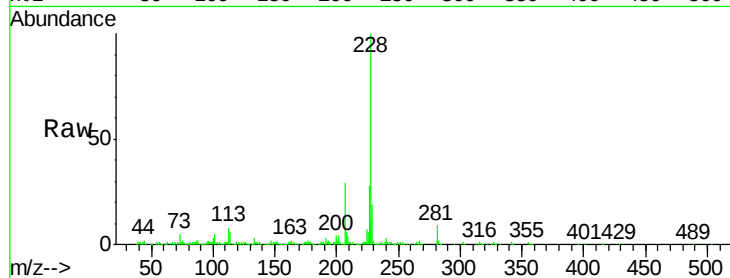
ClientSampleId :

CB6P2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		296456		
226	28.1		23.0	34.4	
229	19.2		15.8	23.8	

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#88

Benzo(b)fluoranthene

Concen: 4.175 ng/ul

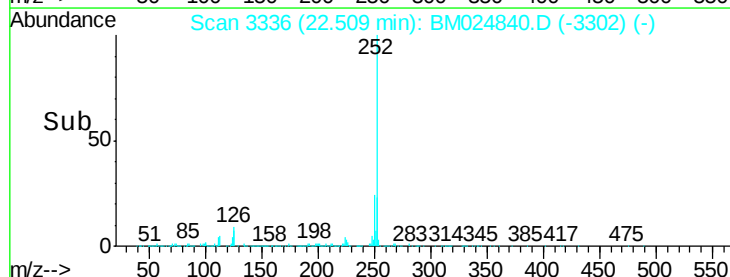
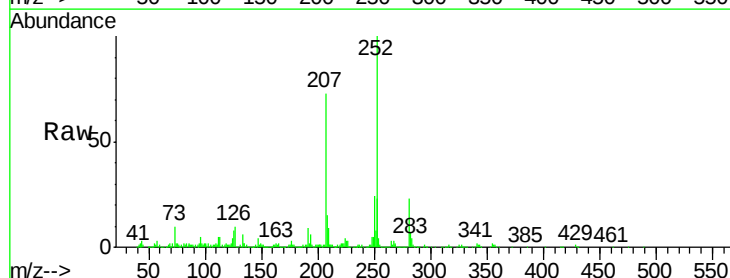
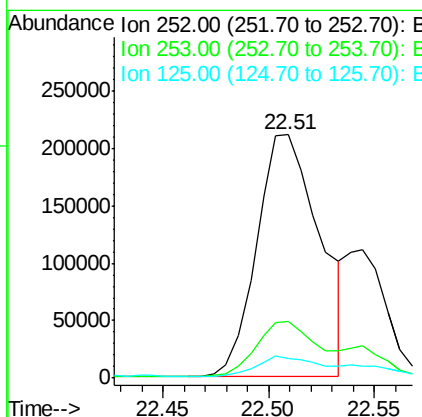
RT: 22.51 min Scan# 3336

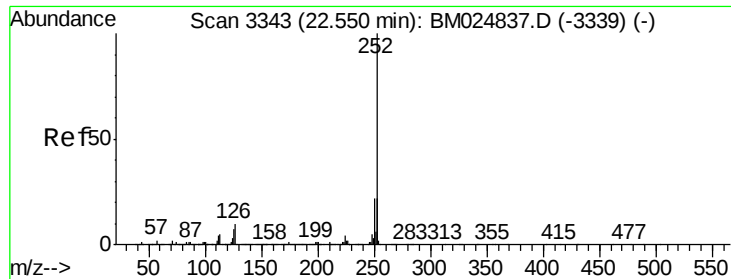
Delta R.T. 0.00 min

Lab File: BM024840.D

Acq: 11 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		437963		
253	23.1		17.3	25.9	
125	8.1		5.1	7.7#	





#89

Benzo(k)fluoranthene

Concen: 1.463 ng/ul m

RT: 22.54 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BM024840.D

Acq: 11 Feb 2020 18:39

Instrument :

BNA_M

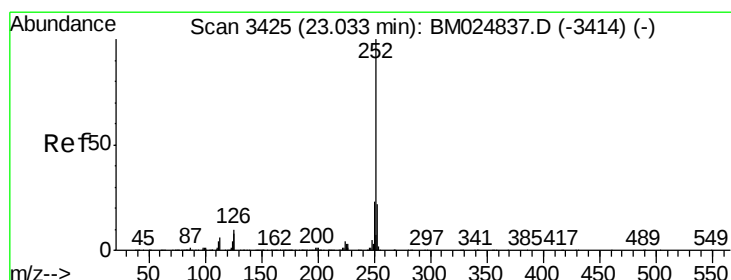
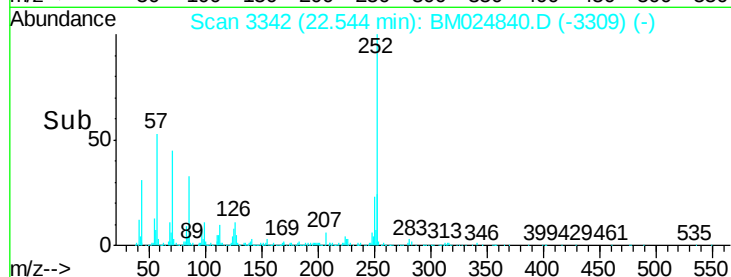
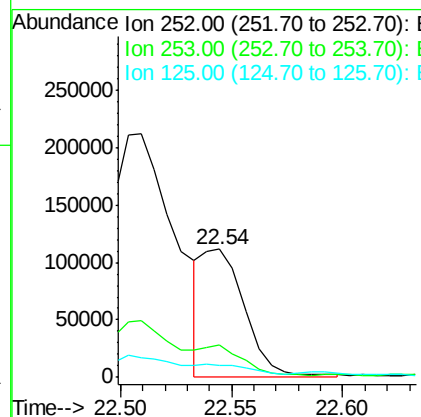
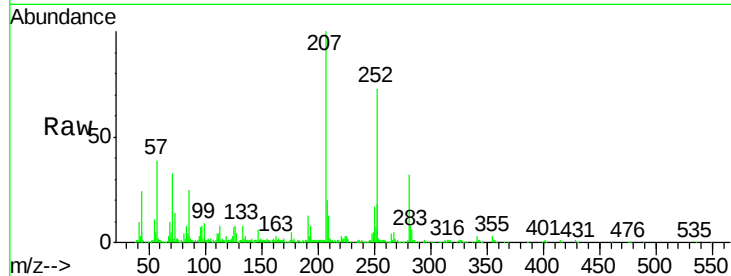
ClientSampleId :

CB6P2

Tot Ion:	252	Resp:	147692
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	9.7	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 2.621 ng/ul

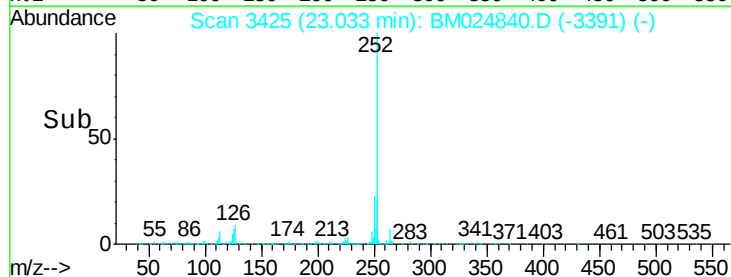
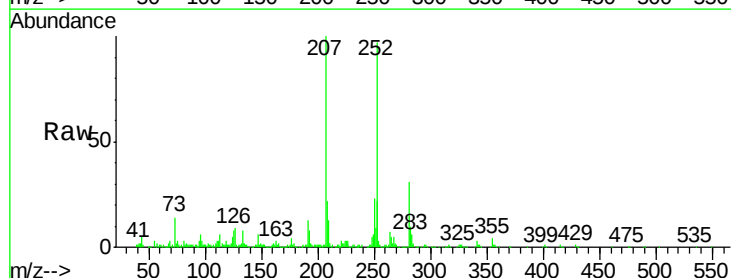
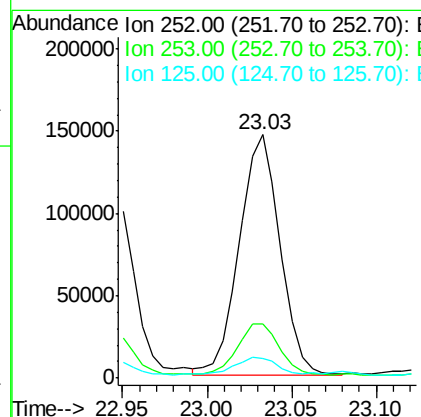
RT: 23.03 min Scan# 3425

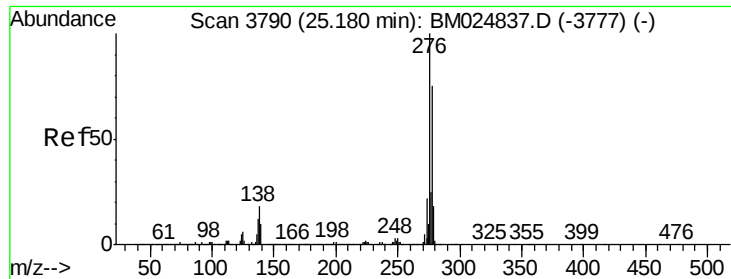
Delta R.T. 0.00 min

Lab File: BM024840.D

Acq: 11 Feb 2020 18:39

Tgt Ion:	252	Resp:	246521
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	8.1	5.6	8.4





#92

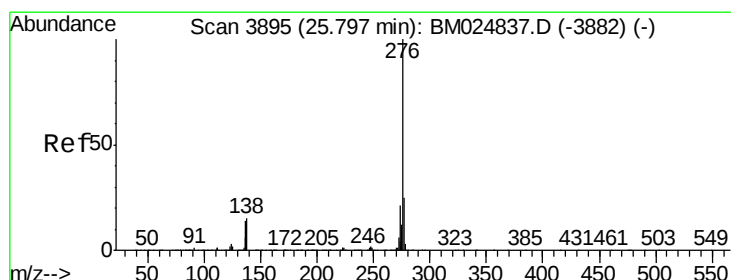
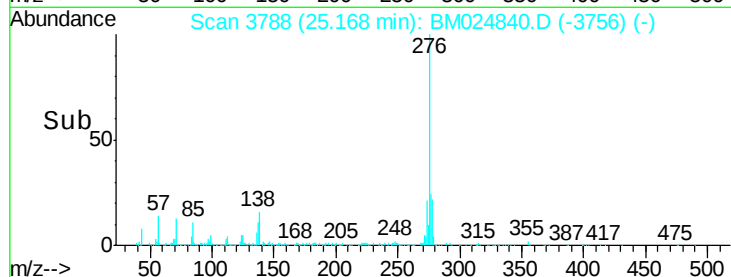
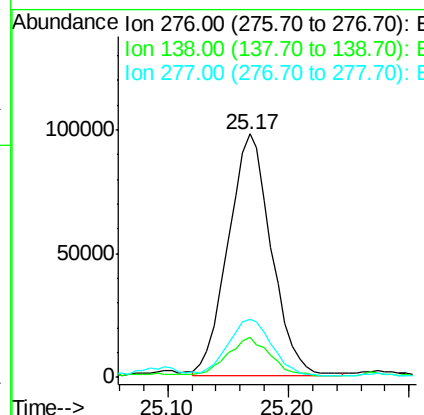
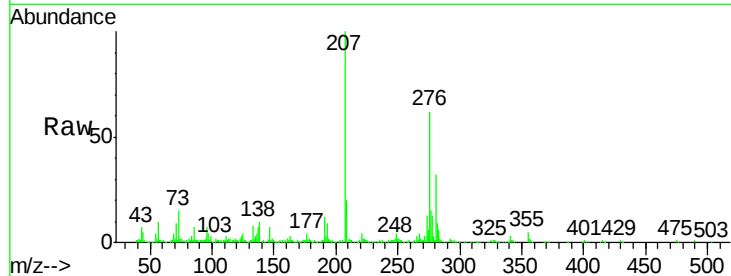
Indeno(1,2,3-cd)pyrene
Concen: 2.066 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.01 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Instrument :
BNA_M
ClientSampleId :
CB6P2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.8	19.2
277	23.9	19.3	28.9

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#94

Benzo(g,h,i)perylene
Concen: 2.352 ng/ul
RT: 25.79 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM024840.D
Acq: 11 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.8	17.6
277	23.6	19.0	28.6

