

Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S2

Quant Time: Feb 12 04:43:56 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	343518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1338890	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	861654	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1796524	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1722894	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1846015	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	29670	4.15	ng/uL	0.00
5) Phenol-d5	6.59	99	528554	23.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	319837	24.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	489678	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	446257	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	238666	24.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	280779	24.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	509794	22.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	606707	28.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1573193	24.19	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1866311	24.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	216320	20.47	ng/ul	0.00
58) Fluorene-d10	15.06	176	1363132	23.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	228221	19.49	ng/ul	0.00
71) Anthracene-d10	16.90	188	2064254	25.17	ng/ul	0.00
79) Pyrene-d10	19.21	212	2276773	26.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2428829	26.20	ng/ul	0.00

Target Compounds

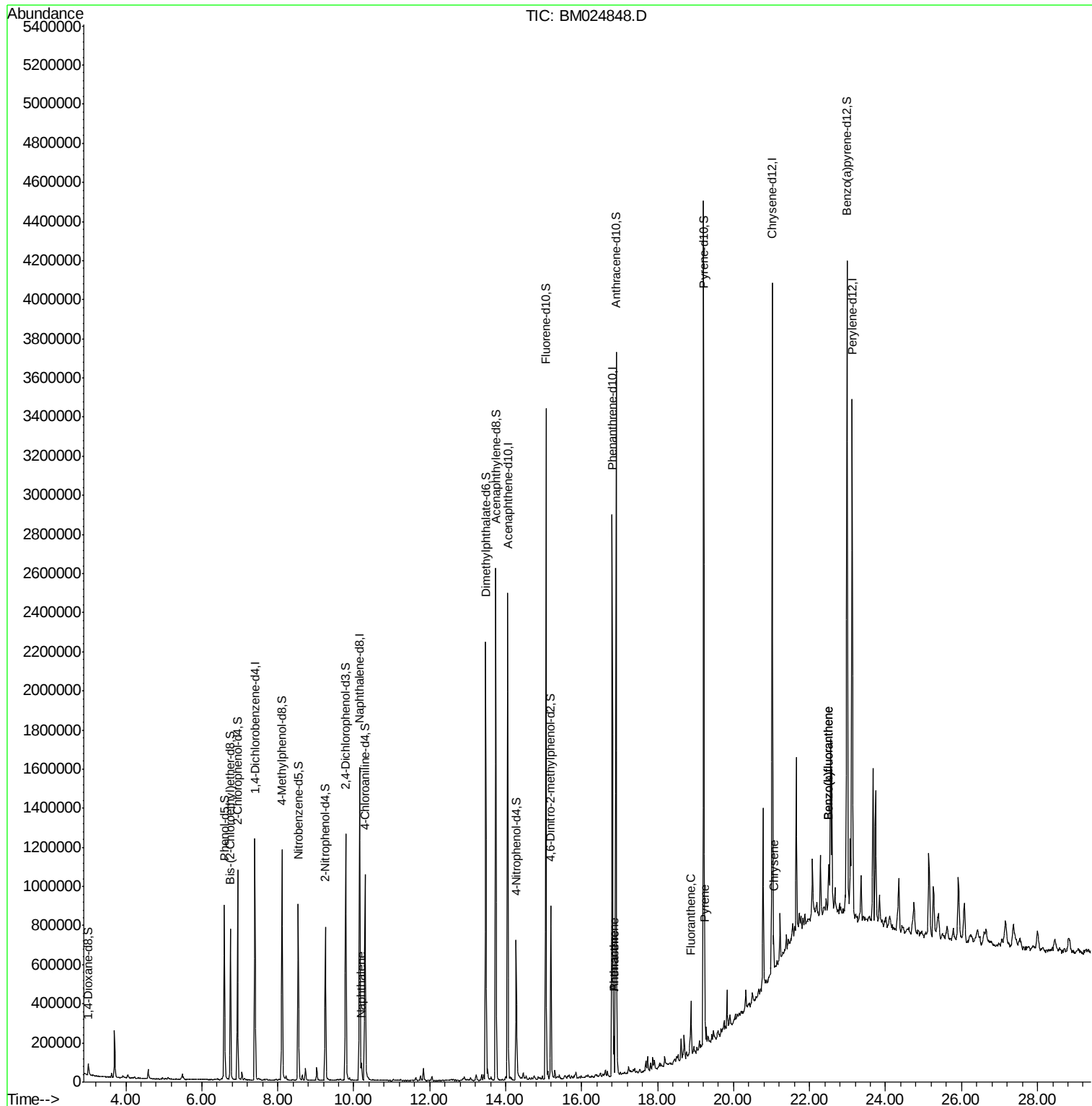
					Qvalue	
28) Naphthalene	10.20	128	69920	1.022	ng/ul	99
70) Phenanthrene	16.85	178	117672	1.201	ng/ul	99
72) Anthracene	16.85	178	118077	1.189	ng/ul	99
77) Fluoranthene	18.87	202	171661	1.428	ng/ul	99
80) Pyrene	19.24	202	152251	1.335	ng/ul#	95
85) Chrysene	21.05	228	115825	1.014	ng/ul	98
88) Benzo(b)fluoranthene	22.50	252	137637	1.173	ng/ul#	95
89) Benzo(k)fluoranthene	22.50	252	137637	1.218	ng/ul#	95

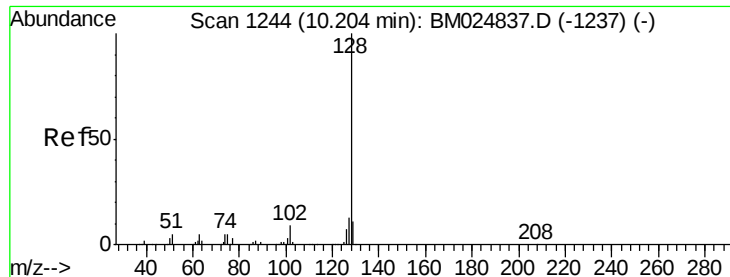
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.022 ng/ul

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

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Acq: 11 Feb 2020 23:29

Instrument :

BNA_M

ClientSampleId :

CB6S2

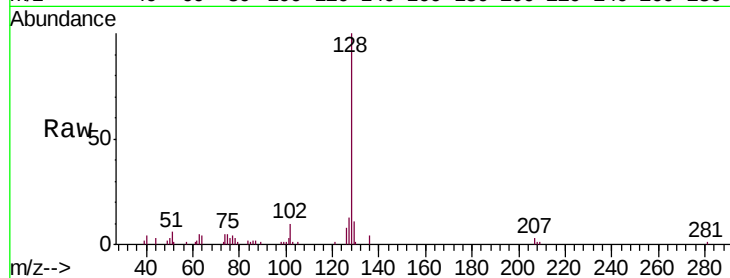
Tgt Ion:128 Resp: 69920

Ion Ratio Lower Upper

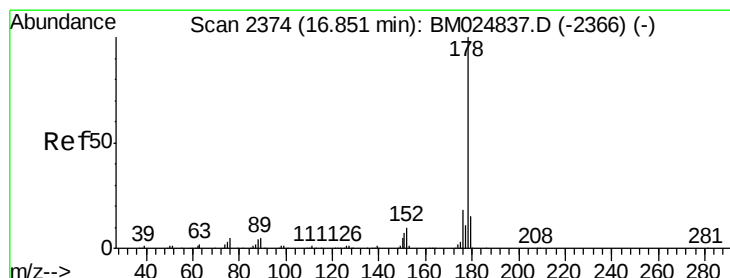
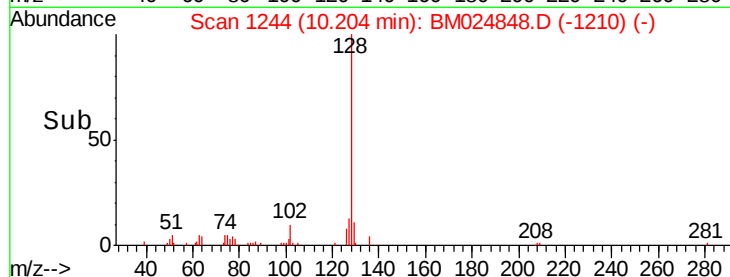
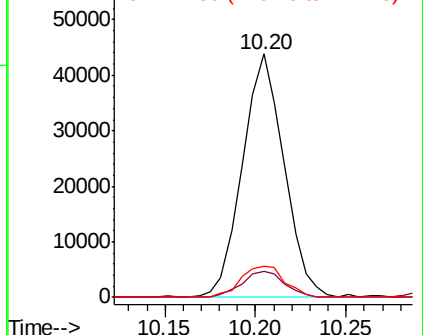
128 100

129 10.5 9.1 13.7

127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#70

Phenanthrene

Concen: 1.201 ng/ul

RT: 16.85 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

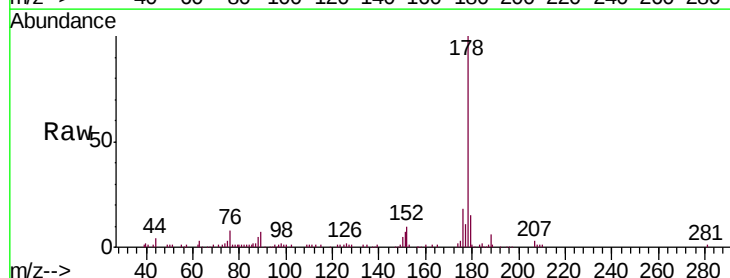
Tgt Ion:178 Resp: 117672

Ion Ratio Lower Upper

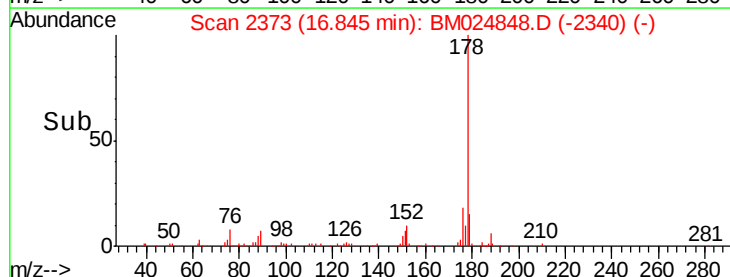
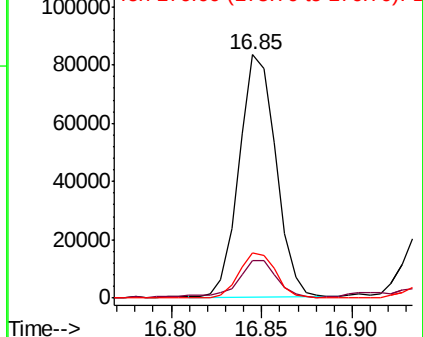
178 100

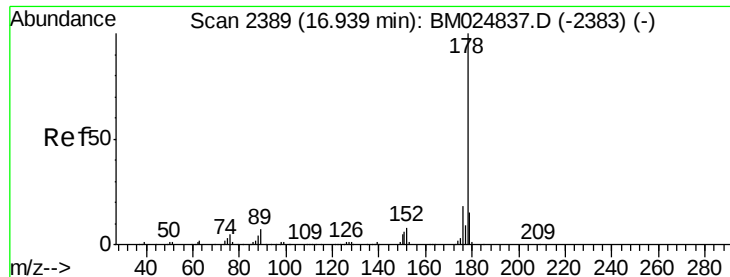
179 15.4 12.2 18.2

176 18.5 14.5 21.7



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





#72

Anthracene

Concen: 1.189 ng/ul

RT: 16.85 min Scan# 2373

Delta R.T. -0.09 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

Instrument :

BNA_M

ClientSampleId :

CB6S2

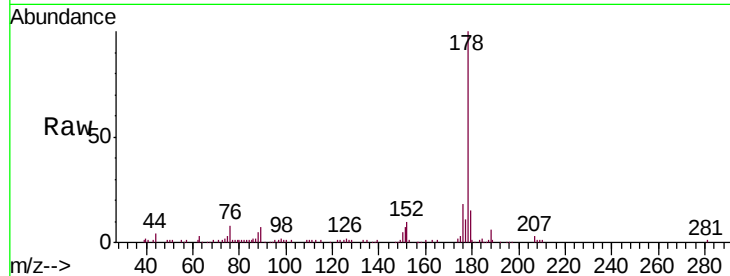
Tgt Ion:178 Resp: 118077

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

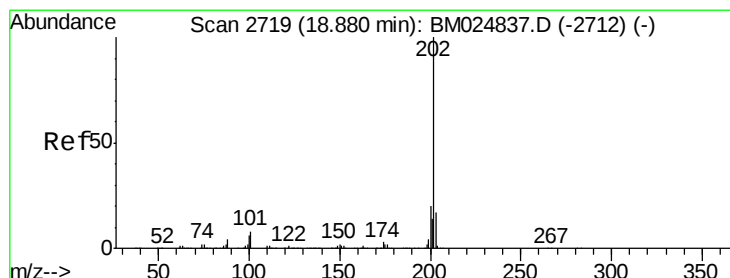
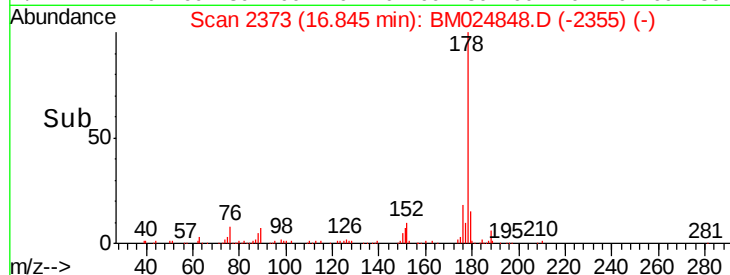
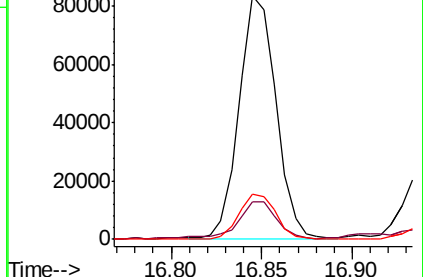
176 18.5 14.1 21.1



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: 1.428 ng/ul

RT: 18.87 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

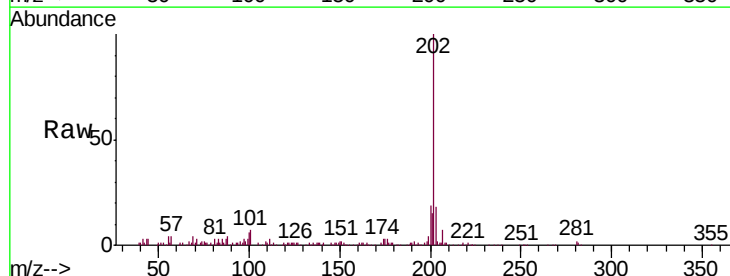
Tgt Ion:202 Resp: 171661

Ion Ratio Lower Upper

202 100

101 7.5 6.1 9.1

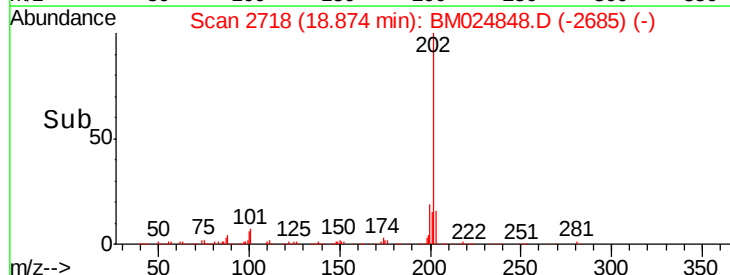
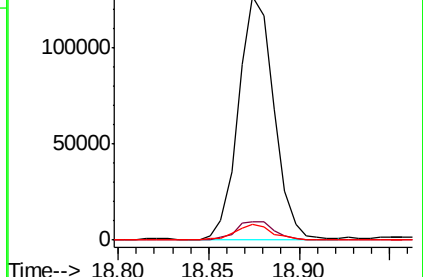
100 6.3 4.8 7.2

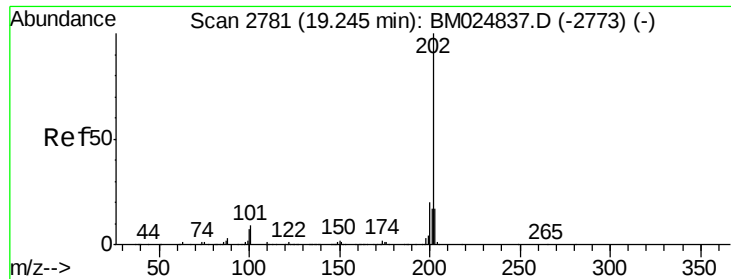


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

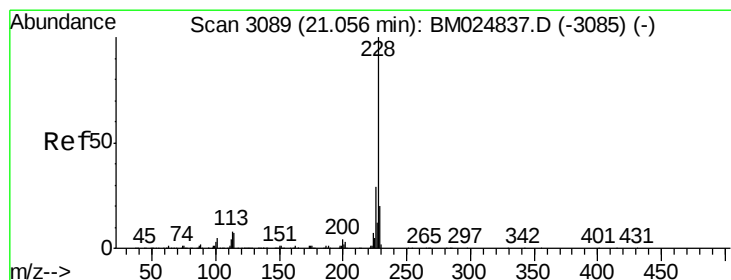
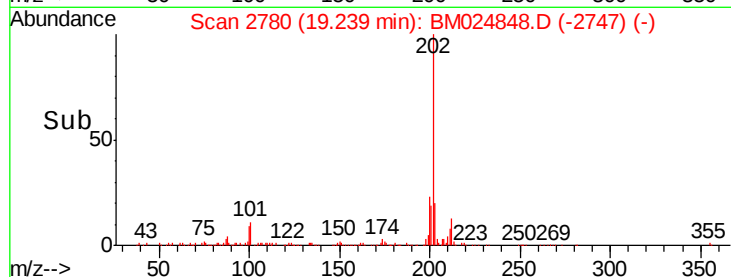
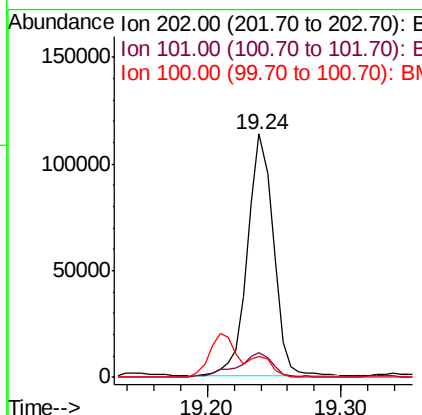
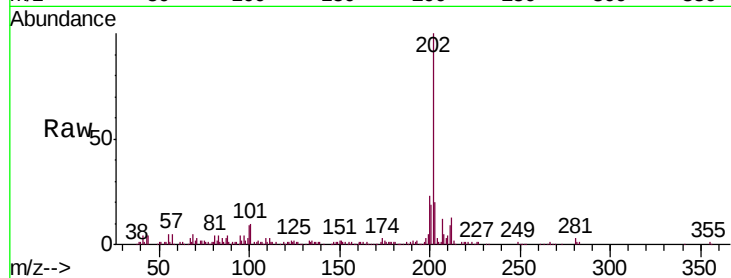




#80
 Pyrene
 Concen: 1.335 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024848.D
 Acq: 11 Feb 2020 23:29

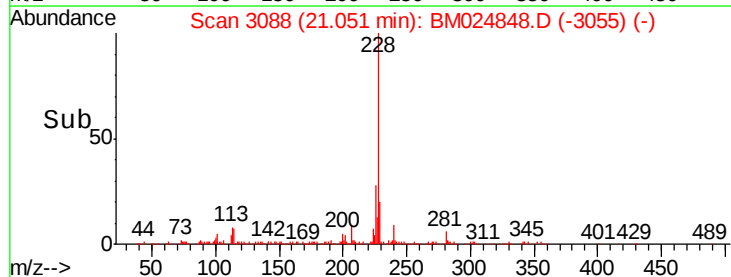
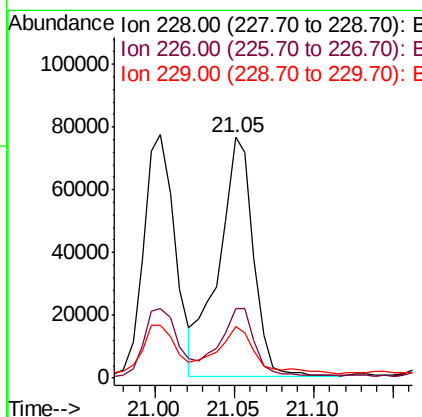
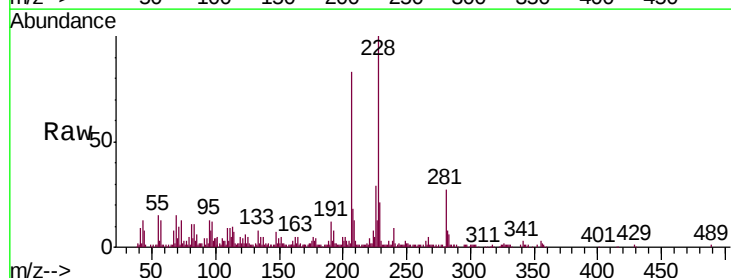
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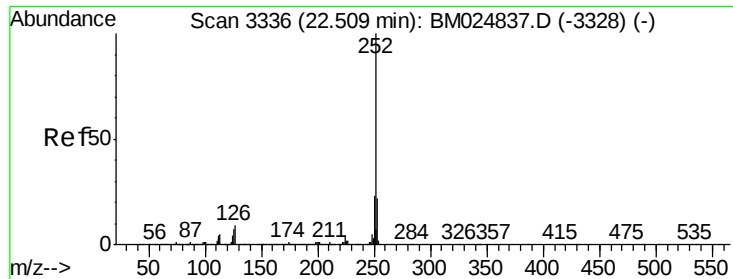
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.0	10.4
100	8.8	5.8	8.8#



#85
 Chrysene
 Concen: 1.014 ng/ul
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024848.D
 Acq: 11 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.4
229	21.5	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 1.173 ng/ul

RT: 22.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

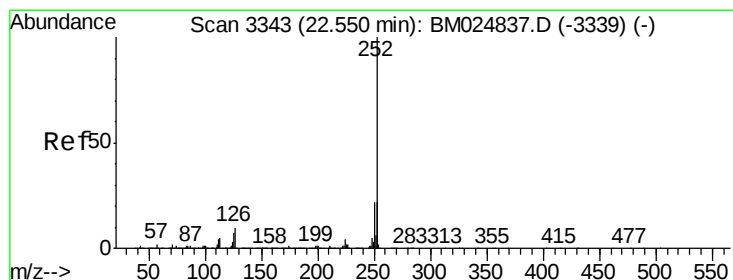
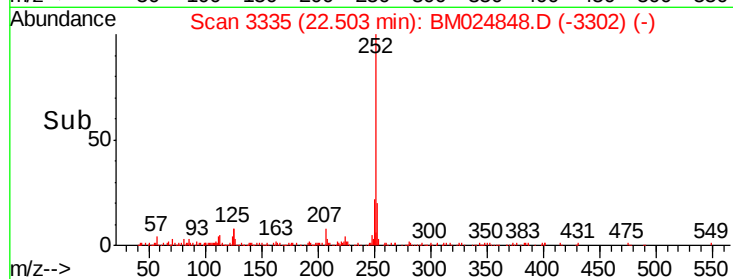
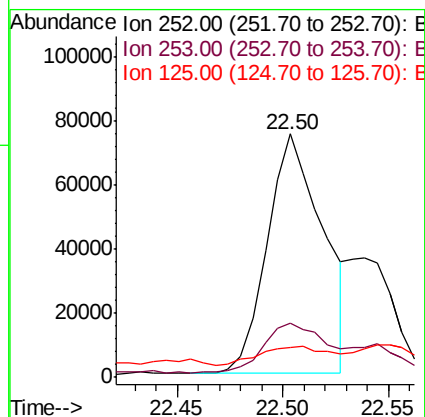
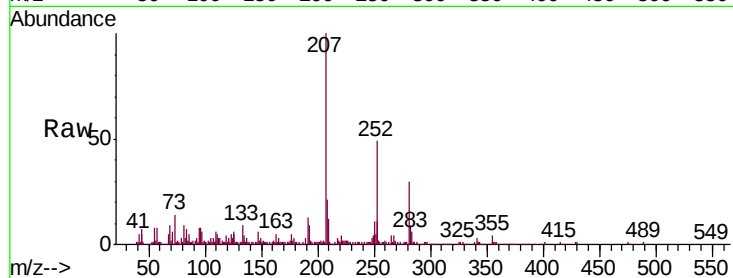
Instrument :

BNA_M

ClientSampleId :

CB6S2

Tgt Ion:	252	Resp:	137637
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	12.5	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 1.218 ng/ul

RT: 22.50 min Scan# 3335

Delta R.T. -0.05 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

Tgt Ion:	252	Resp:	137637
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	12.5	5.1	7.7#

