

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020485.D
 Acq On : 22 May 2019 06:30
 Operator : JU/SJ
 Sample : K2923-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:54 AM

Quant Time: May 22 12:15:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	78452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	298026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	186638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	453990	20.00	ng/ul	0.00
77) Chrysene-d12	21.47	240	443626m	20.00	ng/ul	0.15
85) Perylene-d12	24.25	264	382359m	20.00	ng/ul	0.65

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5344	2.51	ng/uL	0.00
5) Phenol-d5	6.90	99	83450	13.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	54012	13.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	66226	14.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	60492	13.27	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28512	14.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	33351	15.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	70560	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	10805	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	213507	15.90	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	262240	15.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	18690m	9.59	ng/ul	0.08
57) Fluorene-d10	15.37	176	197576	16.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	14791	5.72	ng/ul	0.03
70) Anthracene-d10	17.24	188	313175	16.08	ng/ul	0.01
78) Pyrene-d10	19.57	212	354104	16.57	ng/ul	0.04
89) Benzo(a)pyrene-d12	24.16	264	487496m	28.06	ng/ul	0.70

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	87356	6.576	ng/ul 99
69) Phenanthrene	17.18	178	121897	5.635	ng/ul 99
71) Anthracene	17.27	178	32089	1.458	ng/ul 97
76) Fluoranthene	19.23	202	262175	9.595	ng/ul 98
79) Pyrene	19.60	202	228888	8.596	ng/ul 98
82) Benzo(a)anthracene	21.47	228	130025m	4.870	ng/ul
84) Chrysene	21.50	228	146517m	5.742	ng/ul
87) Benzo(b)fluoranthene	23.37	252	312883m	14.338	ng/ul
88) Benzo(k)fluoranthene	24.04	252	318973m	14.881	ng/ul
90) Benzo(a)pyrene	24.04	252	285920m	13.922	ng/ul

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

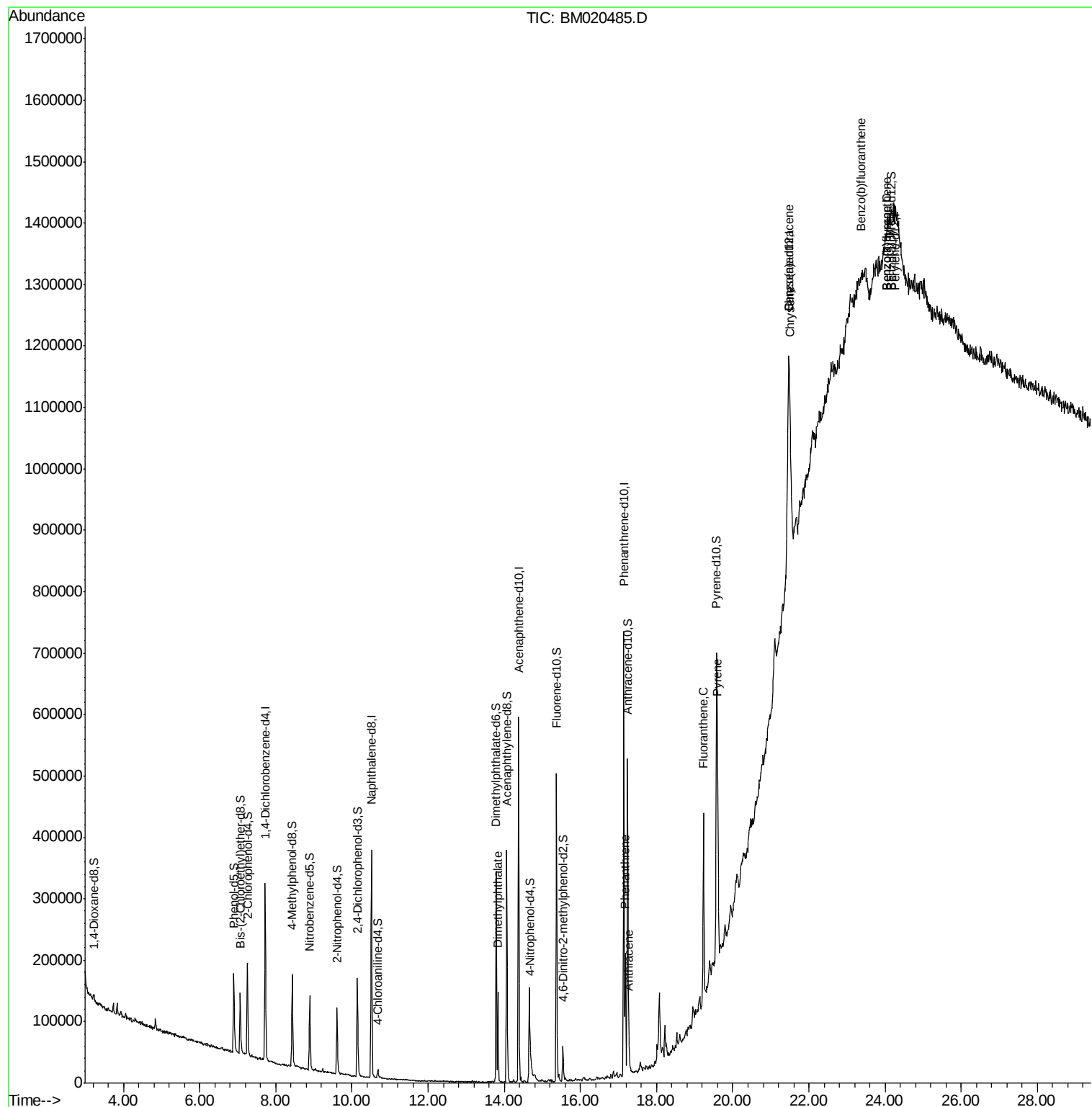
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020485.D
Acq On : 22 May 2019 06:30
Operator : JU/SJ
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ALS Vial : 23 Sample Multiplier: 1

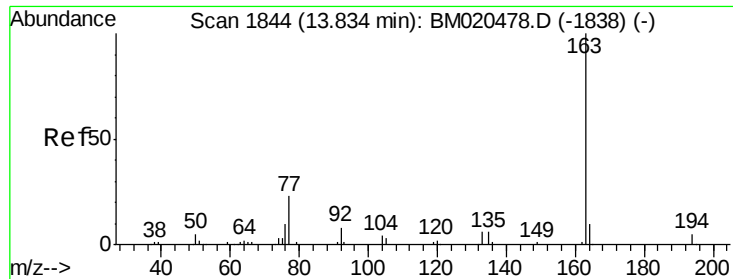
Instrument :
BNA_M
ClientSampled :
A4257

Quant Time: May 22 12:15:54 2019
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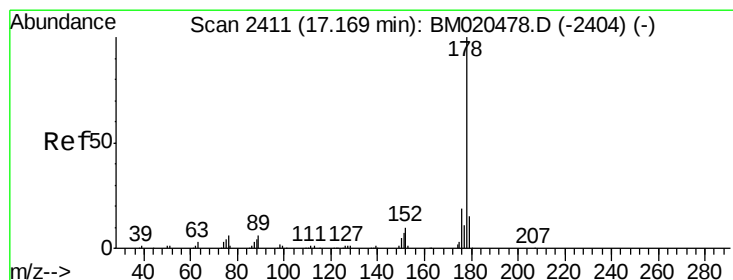
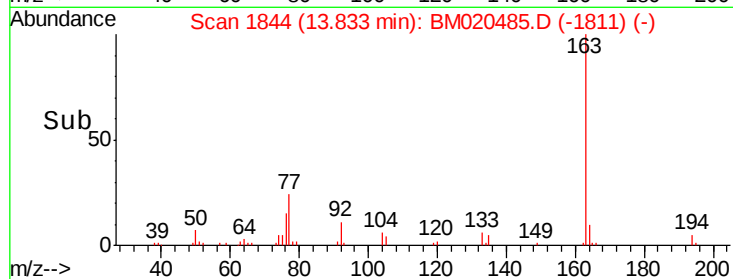
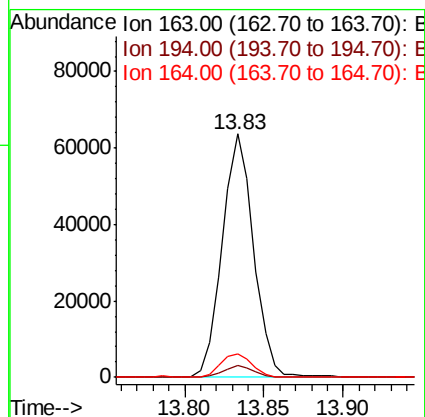
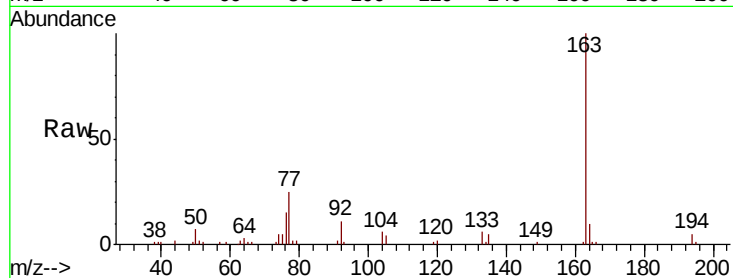
#44
Dimethylphthalate
Concen: 6.576 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Instrument :
BNA_M
ClientSampleId :
A4257

Tot Ion	Ratio	Resp	Lower	Upper
163	100	87356		
194	4.8		3.3	4.9
164	9.6		8.0	12.0

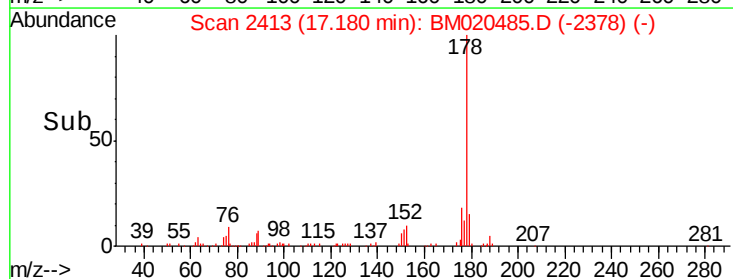
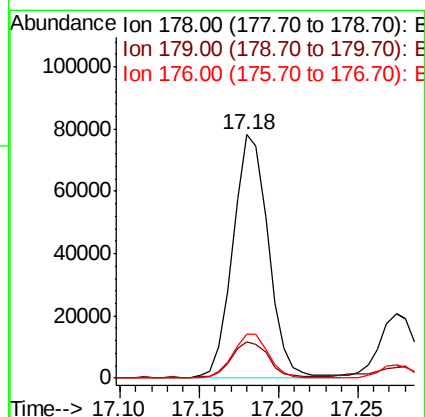
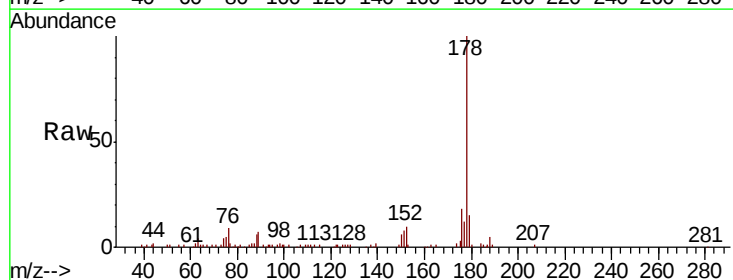
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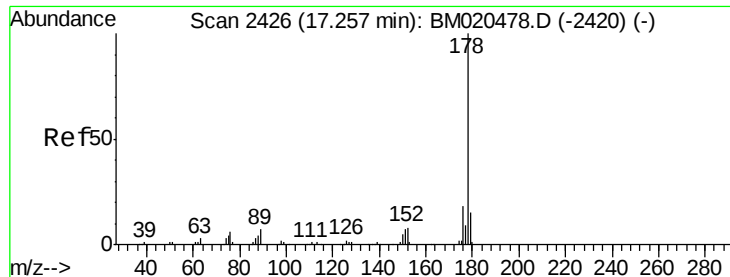
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#69
Phenanthrene
Concen: 5.635 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	121897		
179	14.6		11.9	17.9
176	17.9		14.6	22.0





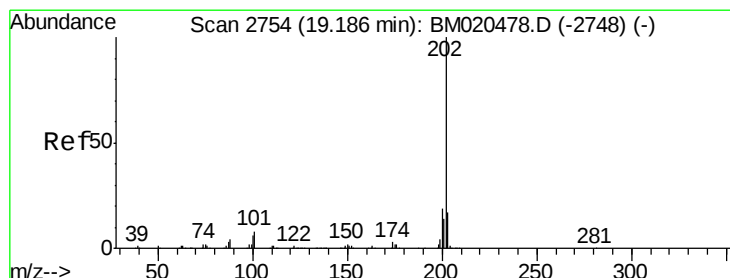
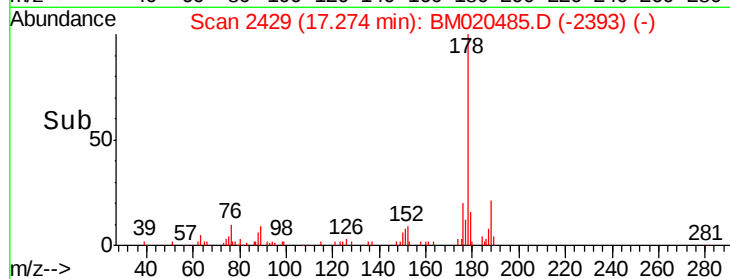
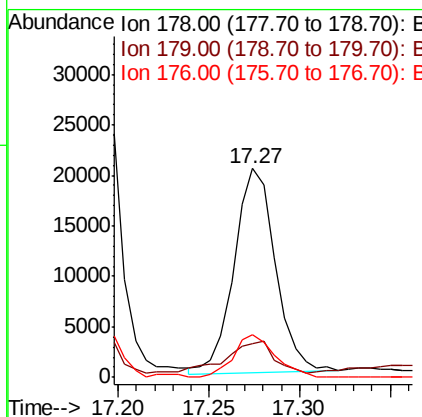
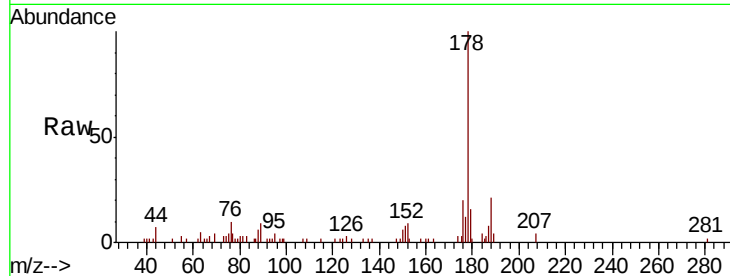
#71
 Anthracene
 Concen: 1.458 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 A4257

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	20.2	14.4	21.6

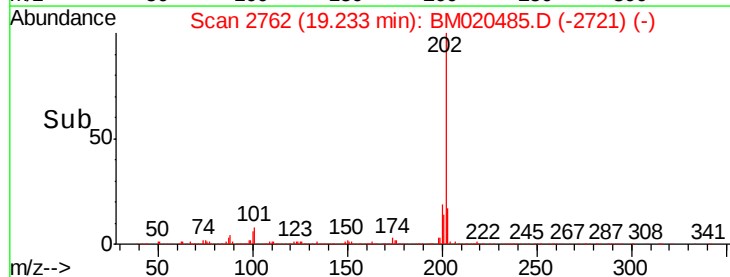
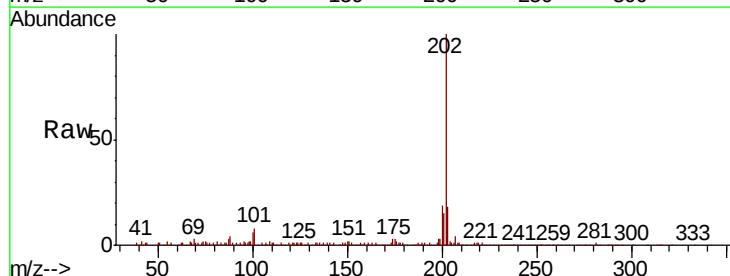
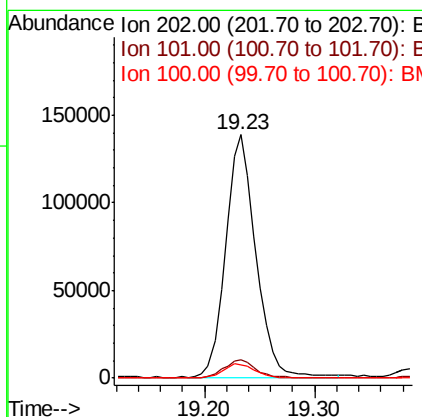
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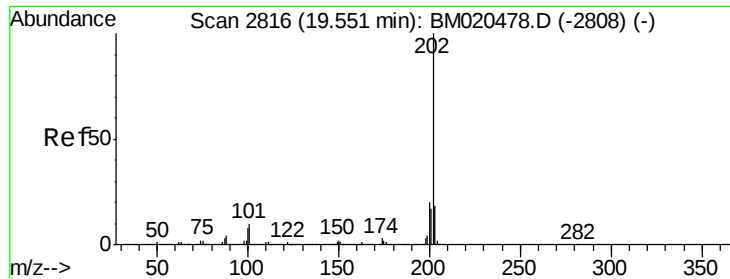
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#76
 Fluoranthene
 Concen: 9.595 ng/ul
 RT: 19.23 min Scan# 2762
 Delta R.T. 0.04 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.4	9.6
100	5.7	5.2	7.8





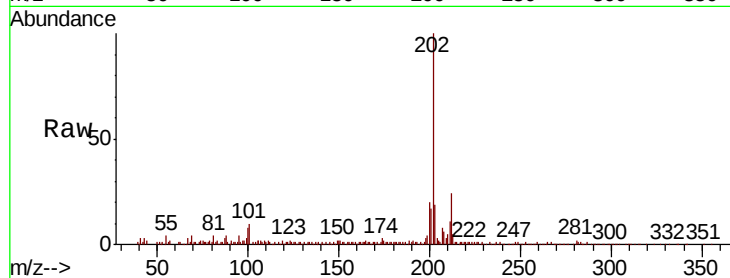
#79
Pvrene
Concen: 8.596 ng/ul
RT: 19.60 min Scan# 2825
Delta R.T. 0.04 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Instrument :
BNA_M
ClientSampleId :
A4257

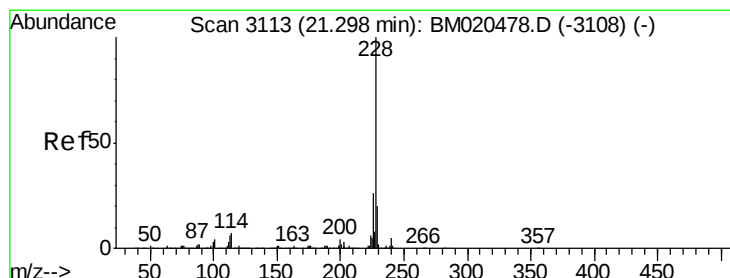
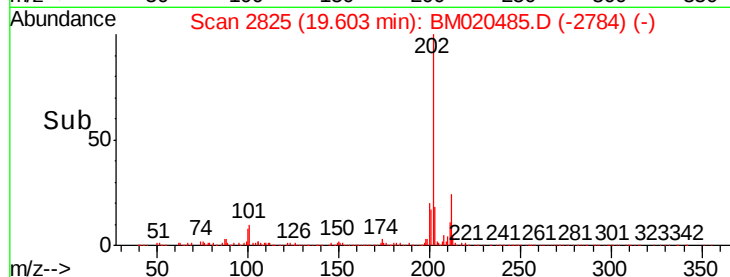
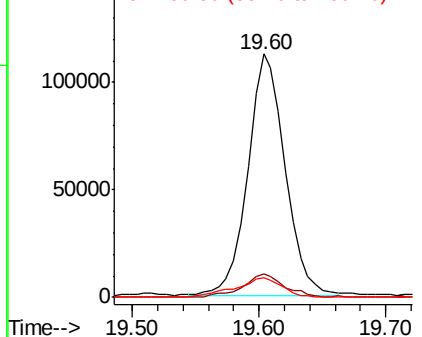
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	7.1	10.7
100	8.0	5.9	8.9

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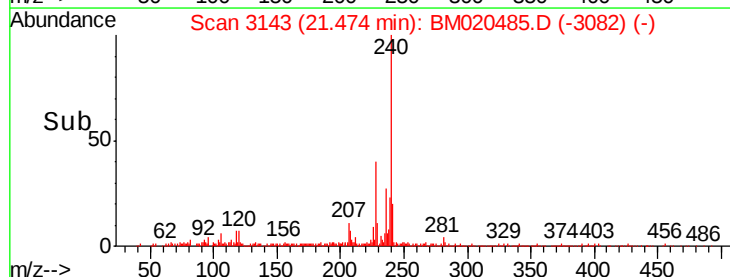
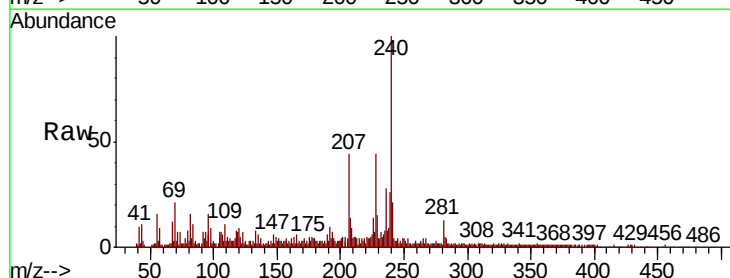
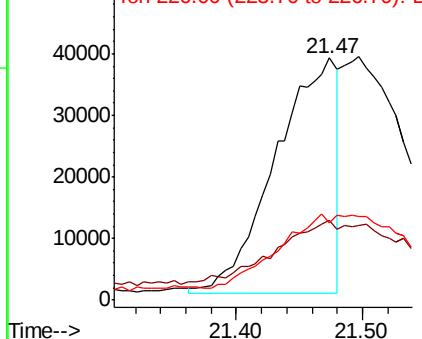
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

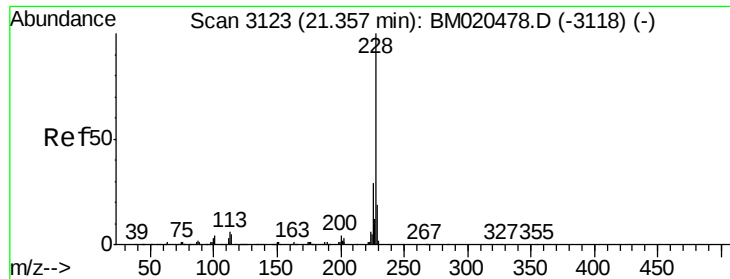


#82
Benzo(a)anthracene
Concen: 4.870 ng/ul m
RT: 21.47 min Scan# 3143
Delta R.T. 0.16 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	33.1	15.8	23.8#
226	32.0	20.6	30.8#

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





#84

Chrysene

Concen: 5.742 ng/ul m

RT: 21.50 min Scan# 3147

Delta R.T. 0.13 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

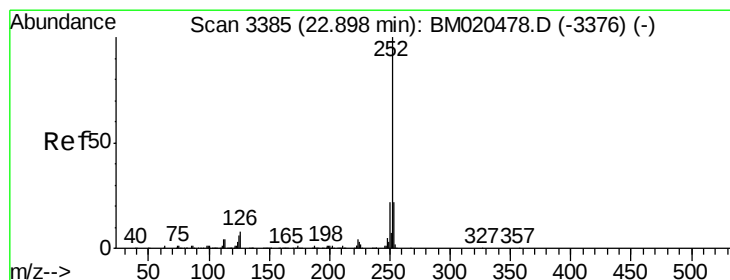
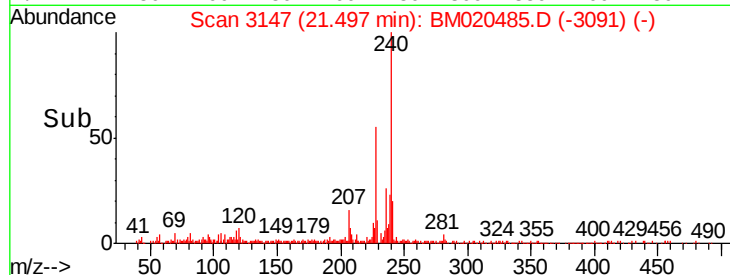
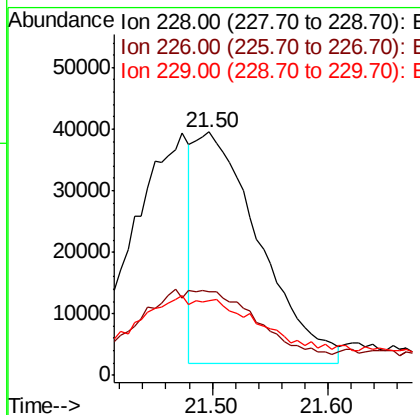
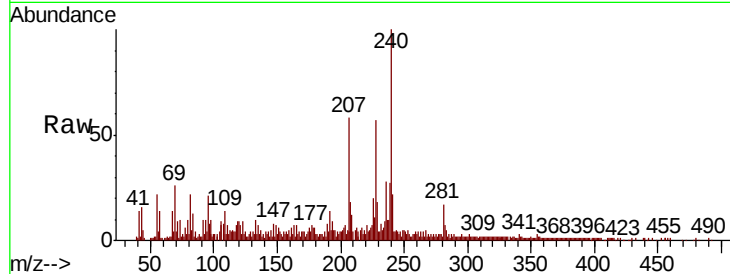
ClientSampled :

A4257

Tot Ion:	228	Resp:	146517
Ion Ratio	Lower	Upper	
228	100		
226	34.3	22.2	33.4#
229	30.6	15.4	23.2#

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#87

Benzo(b)fluoranthene

Concen: 14.338 ng/ul m

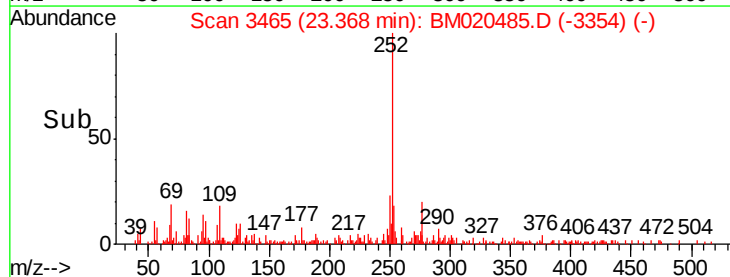
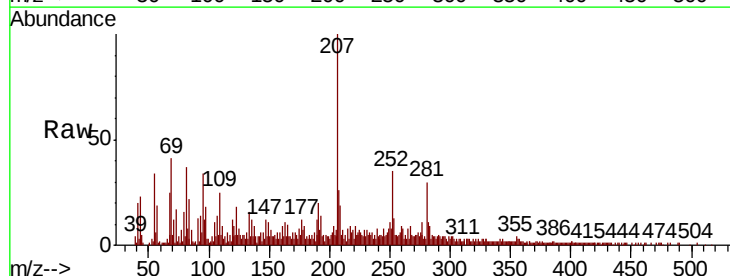
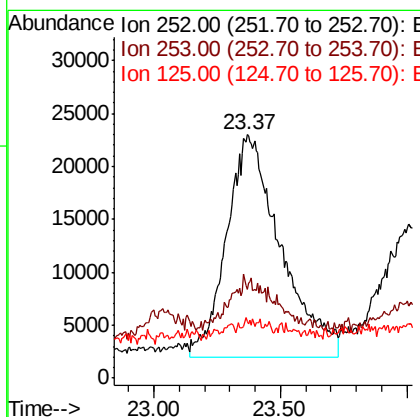
RT: 23.37 min Scan# 3465

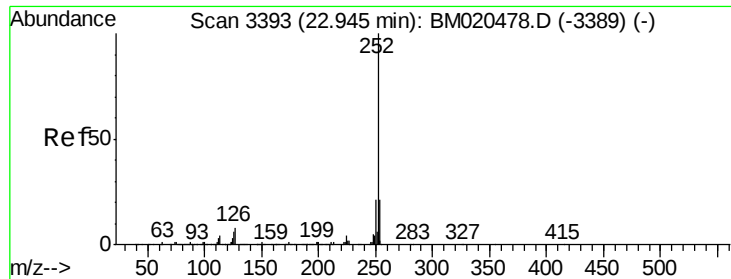
Delta R.T. 0.45 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Tgt Ion:	252	Resp:	312883
Ion Ratio	Lower	Upper	
252	100		
253	36.4	17.0	25.6#
125	23.4	5.0	7.4#





#88

Benzo(k)fluoranthene

Concen: 14.881 ng/ul m

RT: 24.04 min Scan# 3580

Delta R.T. 1.08 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

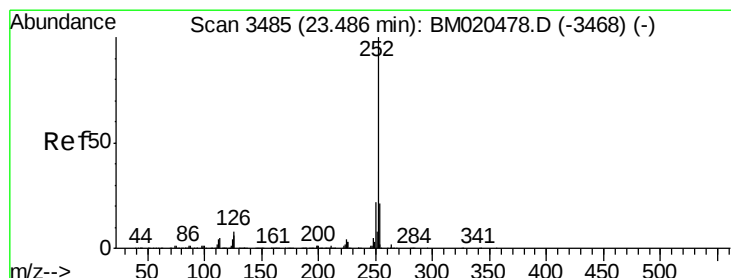
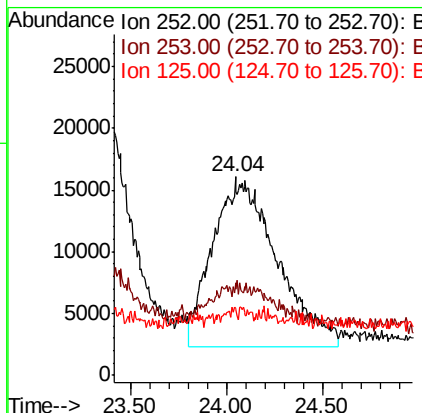
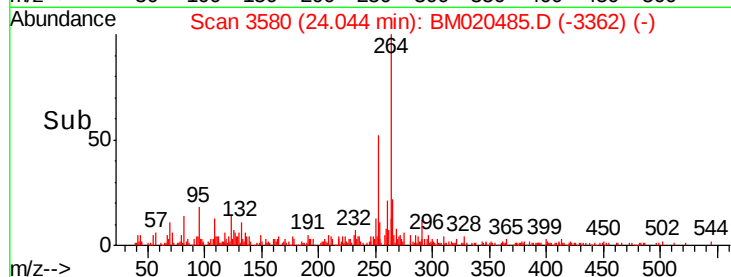
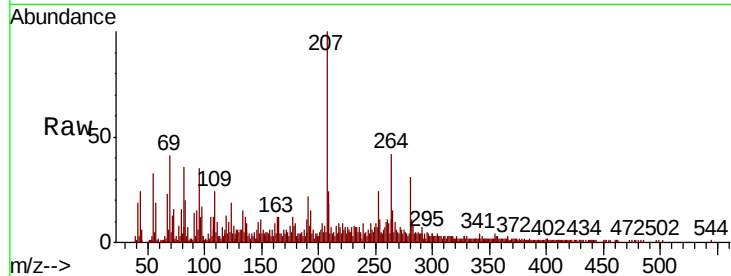
ClientSampleId :

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Tot Ion:	252	Resp:	318973
Ion Ratio	Lower	Upper	
252	100		
253	46.4	17.6	26.4#
125	33.9	5.0	7.6#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 13.922 ng/ul m

RT: 24.04 min Scan# 3580

Delta R.T. 0.54 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Tgt Ion:	252	Resp:	285920
Ion Ratio	Lower	Upper	
252	100		
253	46.4	17.4	26.2#
125	33.9	5.4	8.2#

