

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023187.D
 Acq On : 16 Oct 2019 10:46
 Operator : JU
 Sample : K5202-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:58:15 AM

Quant Time: Oct 16 14:25:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 08:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	375865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1660647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1100277	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2381126	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2441075	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2369363	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	31857	3.73	ng/uL	0.00
5) Phenol-d5	6.85	99	604349	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	369412	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	478527	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	476675	18.13	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	227012	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	224403	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	500162	18.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	598470	18.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1725251	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2007673	20.30	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	156769	11.48	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1501240	20.90	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	123107	13.04	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2341392	20.39	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2823918	23.89	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.34	264	2683336	22.34	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.88	94	40915	1.212	ng/ul 98
45) Dimethylphthalate	13.79	163	649613	7.697	ng/ul 99
70) Phenanthrene	17.11	178	506798	3.793	ng/ul 99
77) Fluoranthene	19.13	202	1448633	9.115	ng/ul 98
80) Pyrene	19.49	202	1154913	7.552	ng/ul 98
83) Benzo(a)anthracene	21.24	228	593438	3.588	ng/ul 97
85) Chrysene	21.30	228	611962	3.985	ng/ul 98
88) Benzo(b)fluoranthene	22.81	252	782658	5.448	ng/ul# 98
89) Benzo(k)fluoranthene	22.85	252	246540m	1.787	ng/ul
91) Benzo(a)pyrene	23.38	252	489870	3.554	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.69	276	299932	1.829	ng/ul 97
94) Benzo(g,h,i)perylene	26.37	276	266516	1.974	ng/ul 99

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

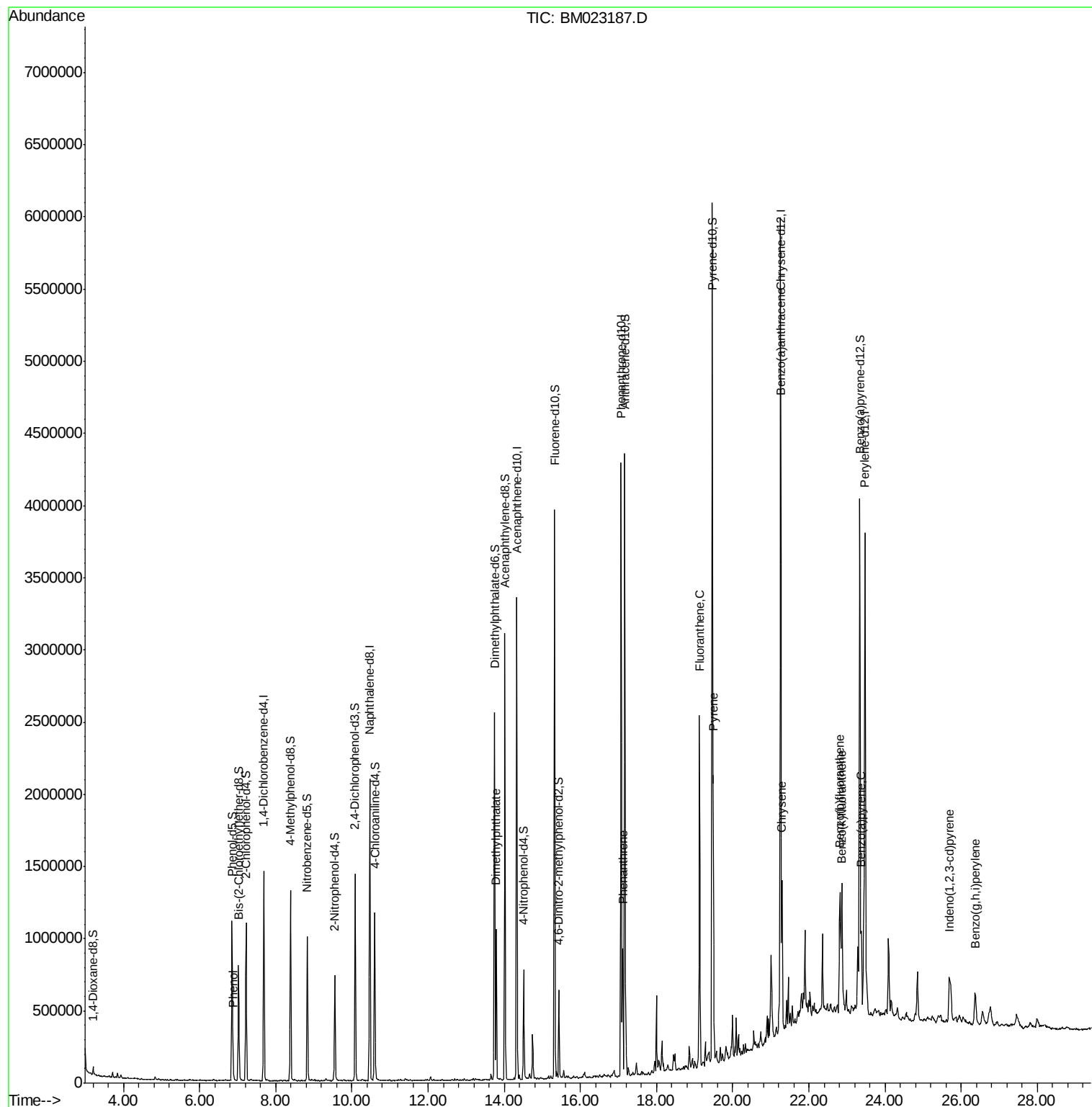
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023187.D
Acq On : 16 Oct 2019 10:46
Operator : JU
Sample : K5202-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

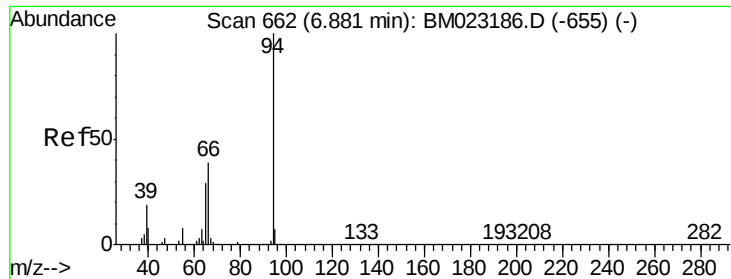
Instrument :
BNA_M
ClientSampleId :
C0AA0

Quant Time: Oct 16 14:25:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 08:27:24 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM





#6

Phenol

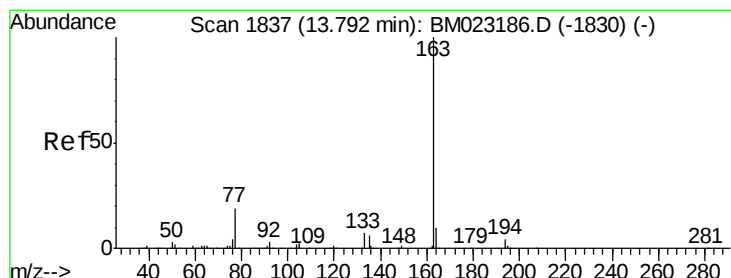
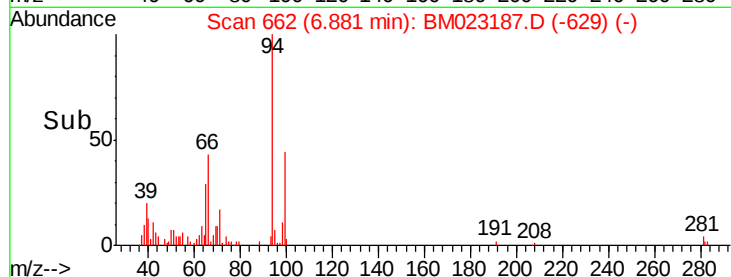
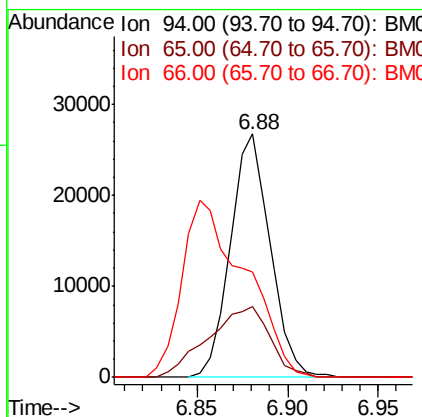
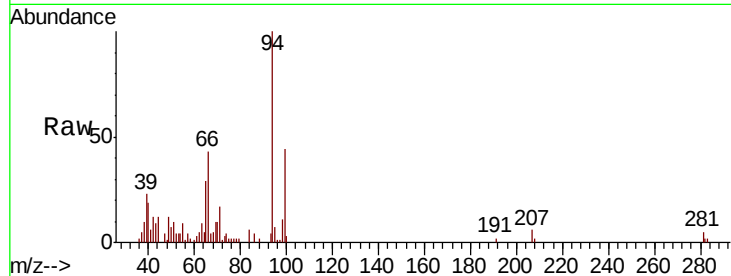
Concen: 1.212 ng/ul
 RT: 6.88 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM023187.D
 Acq: 16 Oct 2019 10:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.2	23.7	35.5
66	43.1	32.9	49.3

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:58:15 AM

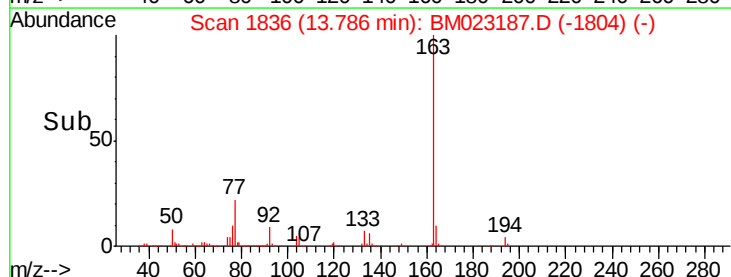
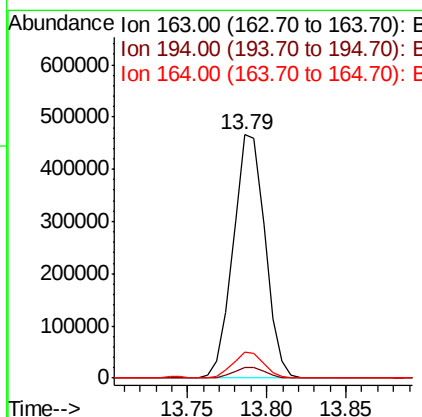
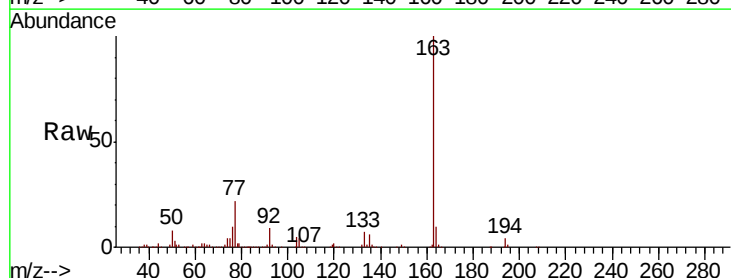


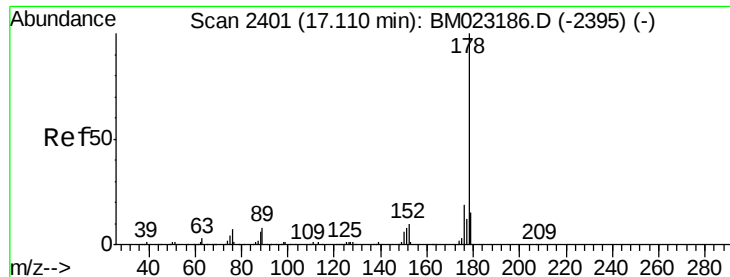
#45

Dimethylphthalate

Concen: 7.697 ng/ul
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM023187.D
 Acq: 16 Oct 2019 10:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.0	12.0





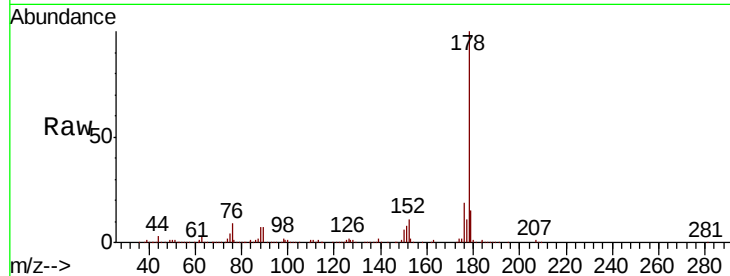
#70
Phenanthrene
Concen: 3.793 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

Instrument :
BNA_M
ClientSampleId :
C0AA0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.5	15.5	23.3

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM

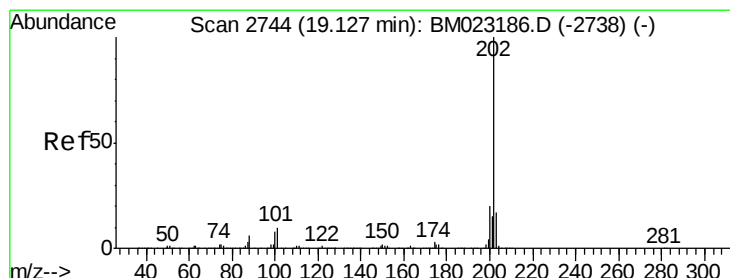
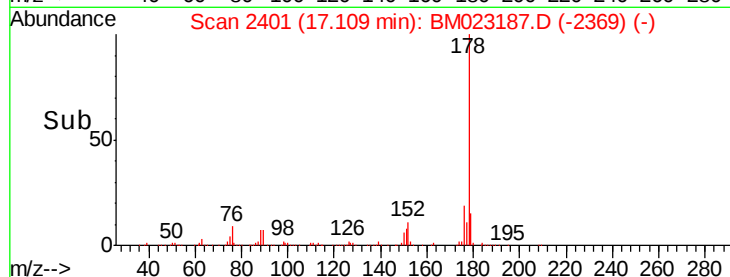
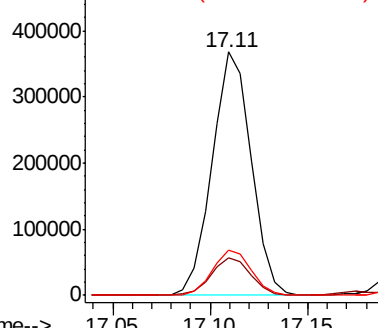


Abundance

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: 9.115 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

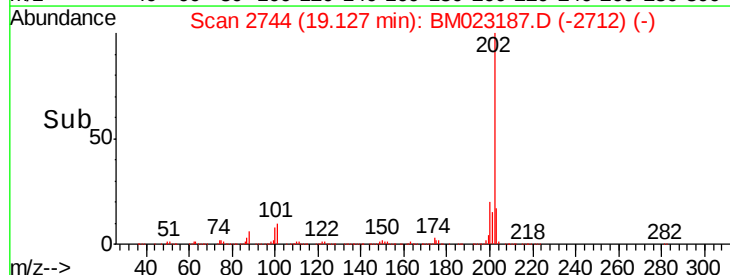
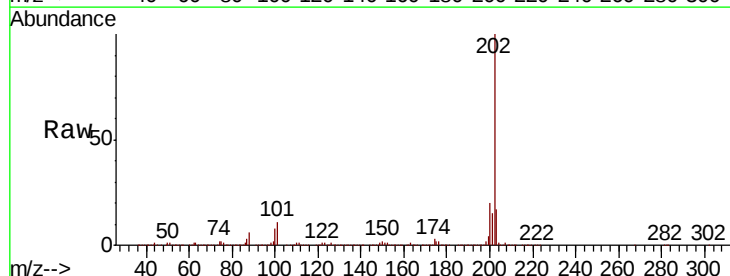
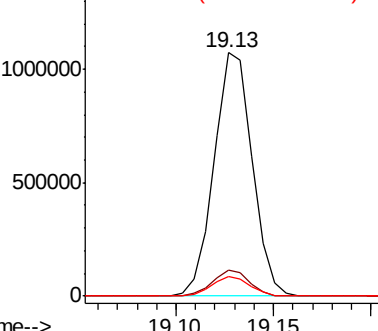
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.8	11.8
100	8.2	6.1	9.1

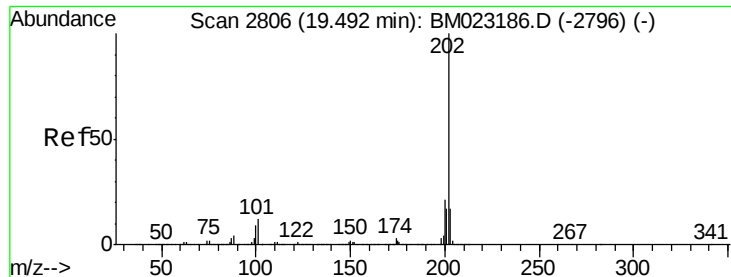
Abundance

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





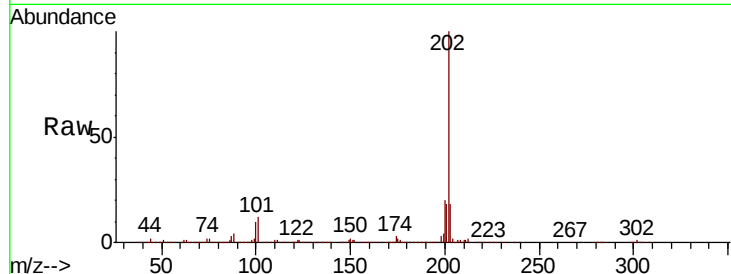
#80
Pvrene
Concen: 7.552 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

Instrument :
BNA_M
ClientSampled :
C0AA0

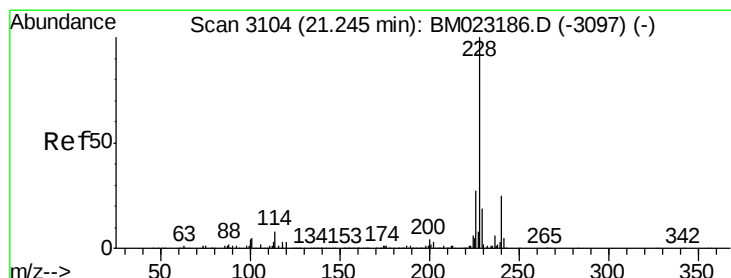
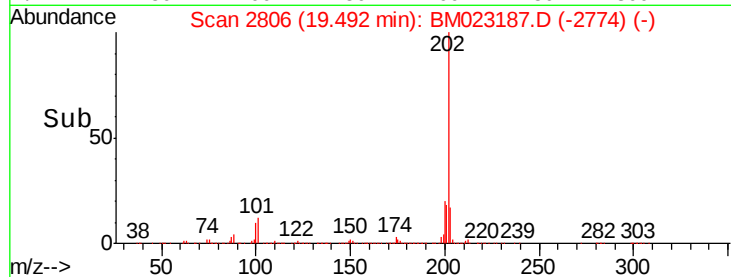
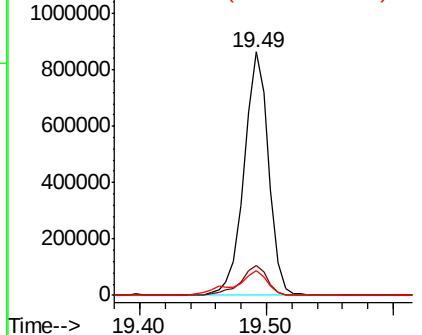
Tot Ion:202	Resp: 1154913
Ion Ratio	Lower Upper
202 100	
101 12.4	9.1 13.7
100 10.3	7.5 11.3

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM



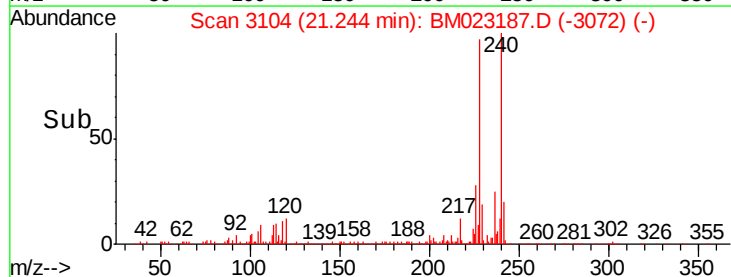
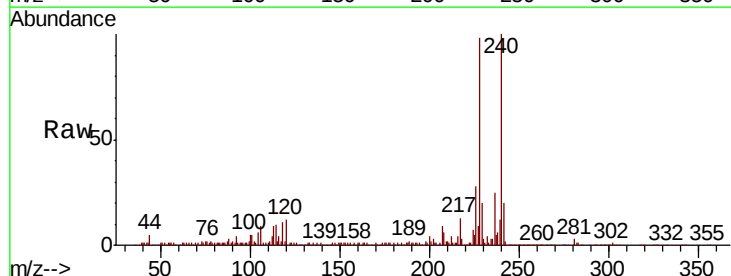
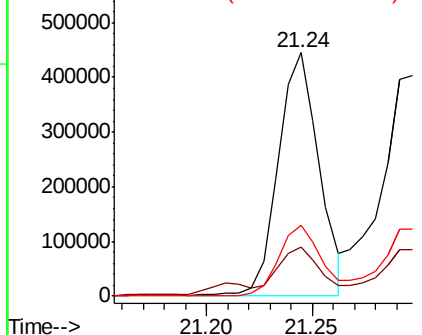
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

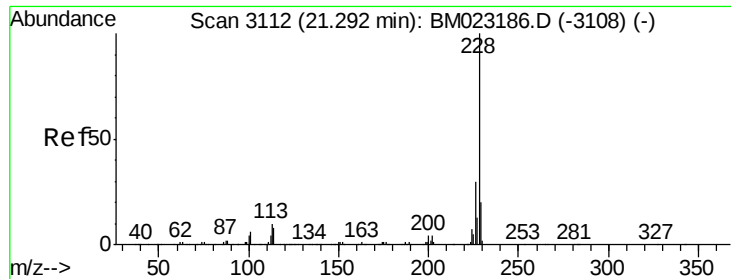


#83
Benzo(a)anthracene
Concen: 3.588 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

Tgt Ion:228	Resp: 593438
Ion Ratio	Lower Upper
228 100	
229 20.3	15.7 23.5
226 29.0	21.6 32.4

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: 3.985 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM023187.D

Acq: 16 Oct 2019 10:46

Instrument :

BNA_M

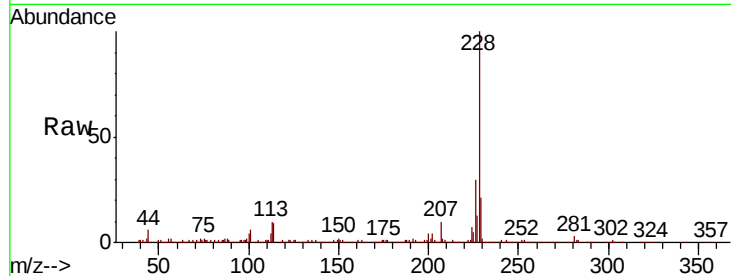
ClientSampled :

C0AA0

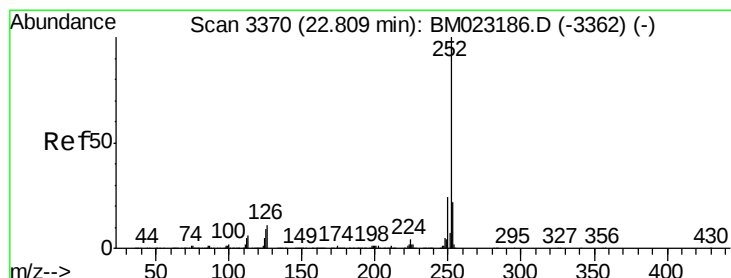
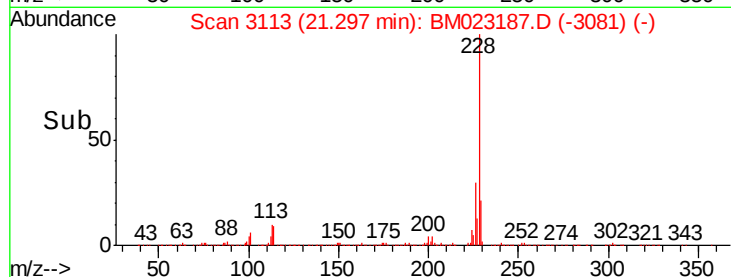
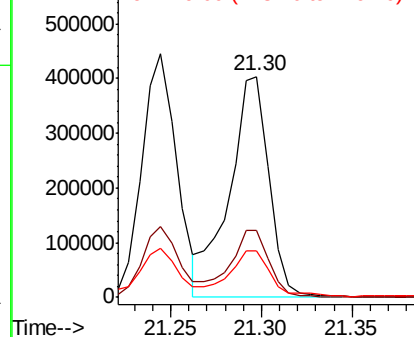
Tot Ion:	228	Resp:	611962
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	21.2	15.5	23.3

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM



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



#88

Benzo(b)fluoranthene

Concen: 5.448 ng/ul

RT: 22.81 min Scan# 3371

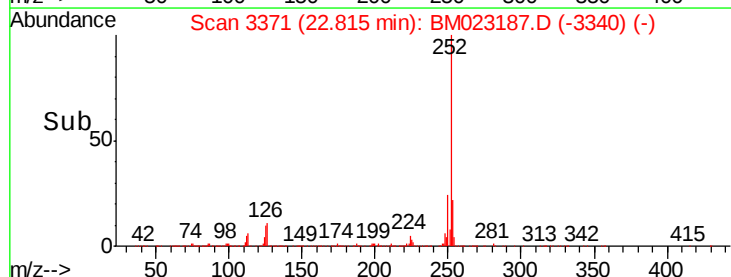
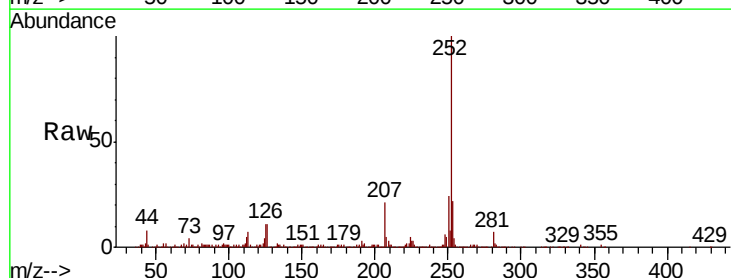
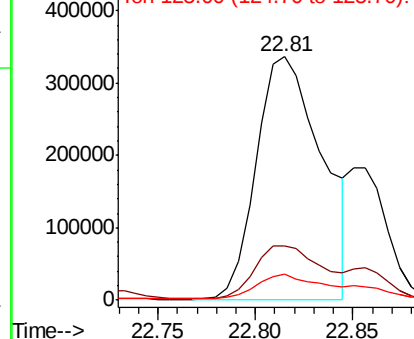
Delta R.T. -0.02 min

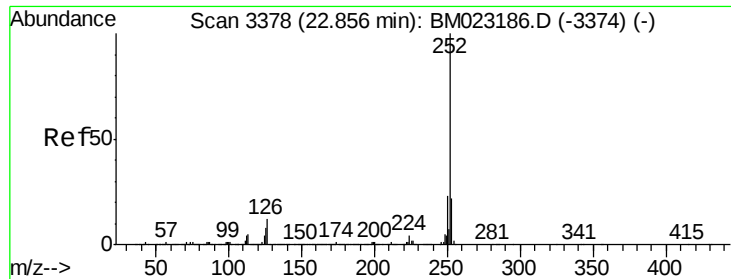
Lab File: BM023187.D

Acq: 16 Oct 2019 10:46

Tgt Ion:	252	Resp:	782658
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.6	6.4	9.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.787 ng/ul m

RT: 22.85 min Scan# 3377

Delta R.T. -0.02 min

Lab File: BM023187.D

Acq: 16 Oct 2019 10:46

Instrument :

BNA_M

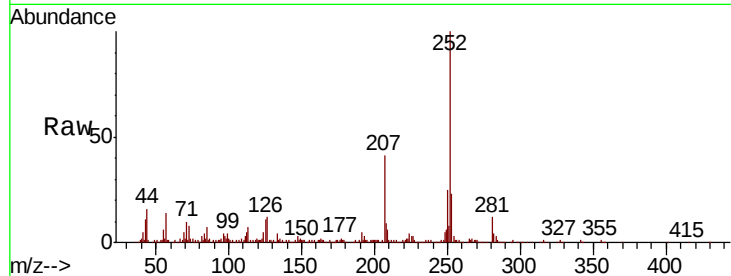
ClientSampled :

C0AA0

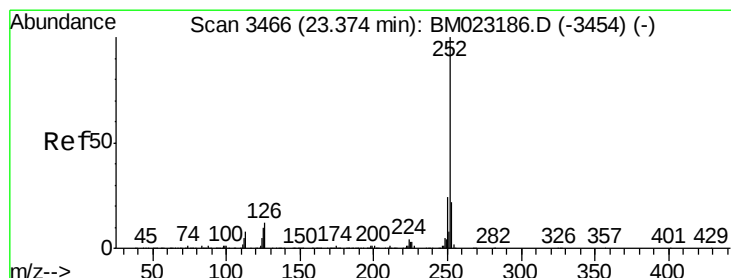
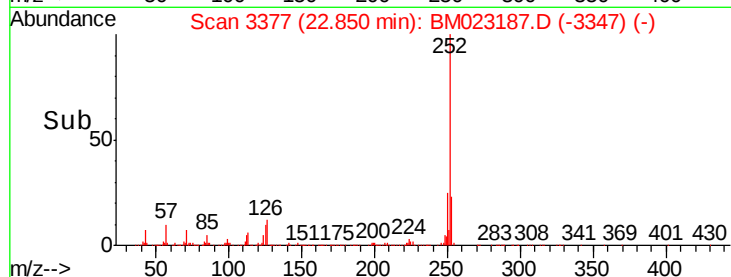
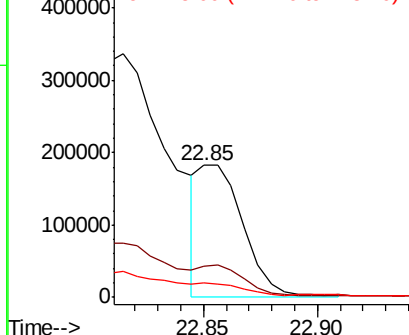
Tot Ion:	252	Resp:	246540
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	10.6	6.5	9.7#

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 3.554 ng/ul

RT: 23.38 min Scan# 3467

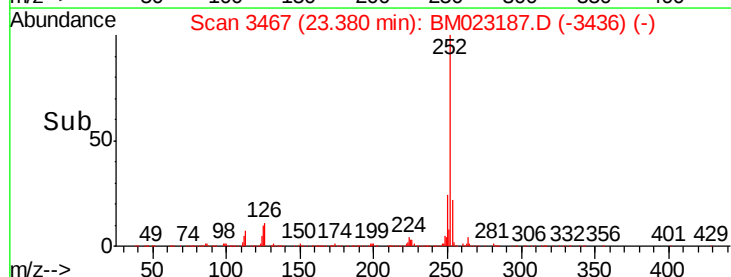
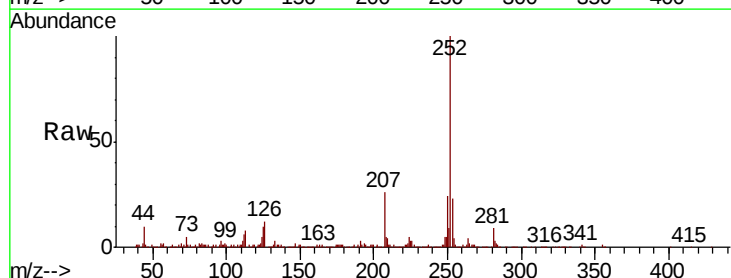
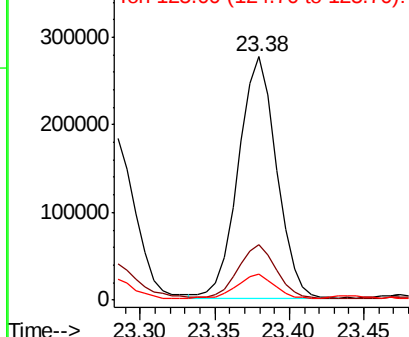
Delta R.T. -0.02 min

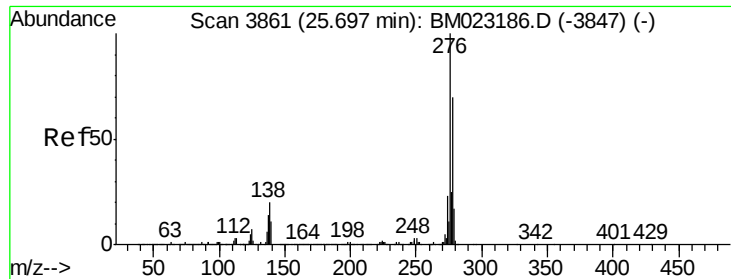
Lab File: BM023187.D

Acq: 16 Oct 2019 10:46

Tgt Ion:	252	Resp:	489870
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	10.5	7.4	11.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





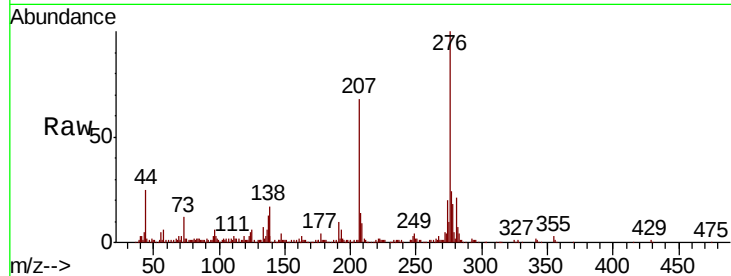
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.829 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. -0.04 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

Instrument :
BNA_M
ClientSampled :
C0AA0

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.9	22.3
277	23.5	19.8	29.8

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:15 AM

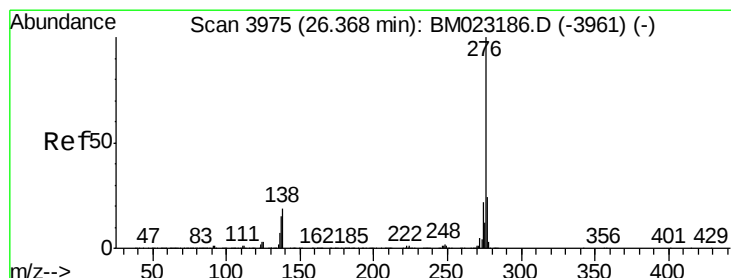
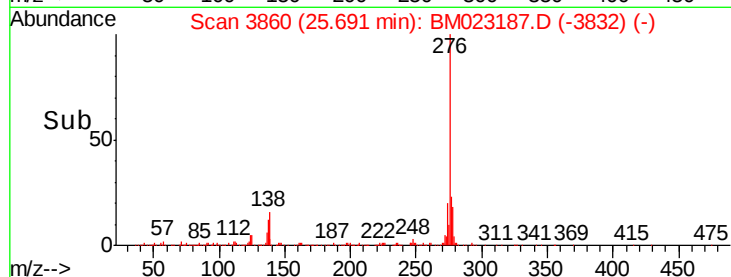
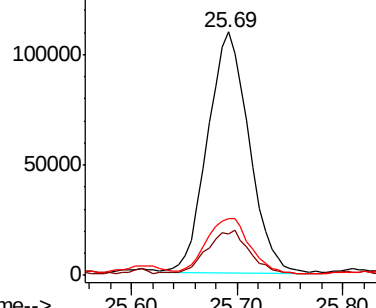


Abundance

Ion 276.00 (275.70 to 276.70): E

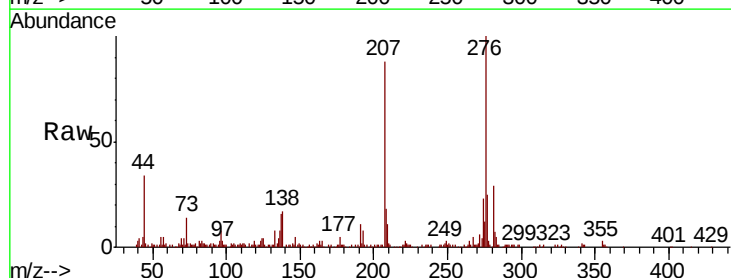
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94
Benzo(g,h,i)perylene
Concen: 1.974 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. -0.04 min
Lab File: BM023187.D
Acq: 16 Oct 2019 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	24.7	19.4	29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

