

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

Quant Time: May 22 07:52:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	69281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	251058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	151124	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.15	188	377401	20.00	ng/ul	0.02
77) Chrysene-d12	21.56	240	420159m	20.00	ng/ul	0.24
85) Perylene-d12	24.40	264	621074m	20.00	ng/ul	0.82

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1265	0.67	ng/uL	0.01
5) Phenol-d5	6.90	99	11262	2.04	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	7479	2.13	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	10886	2.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	8656	2.15	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	3754	2.30	ng/ul	0.02
22) 2-Nitrophenol-d4	9.62	143	4159	2.31	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.16	165	9275	2.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.69	131	1947	0.49	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	31960	2.94	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	39473	2.90	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.37	176	30777	3.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.25	188	55010	3.40	ng/ul	0.03
78) Pyrene-d10	19.61	212	66780m	3.30	ng/ul	0.09
89) Benzo(a)pyrene-d12	24.40	264	618443m	21.91	ng/ul	0.96

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	13065	1.215	ng/ul# 92
69) Phenanthrene	17.20	178	20006	1.113	ng/ul 98
76) Fluoranthene	19.27	202	47352	2.085	ng/ul 97
79) Pyrene	19.63	202	43842m	1.738	ng/ul

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

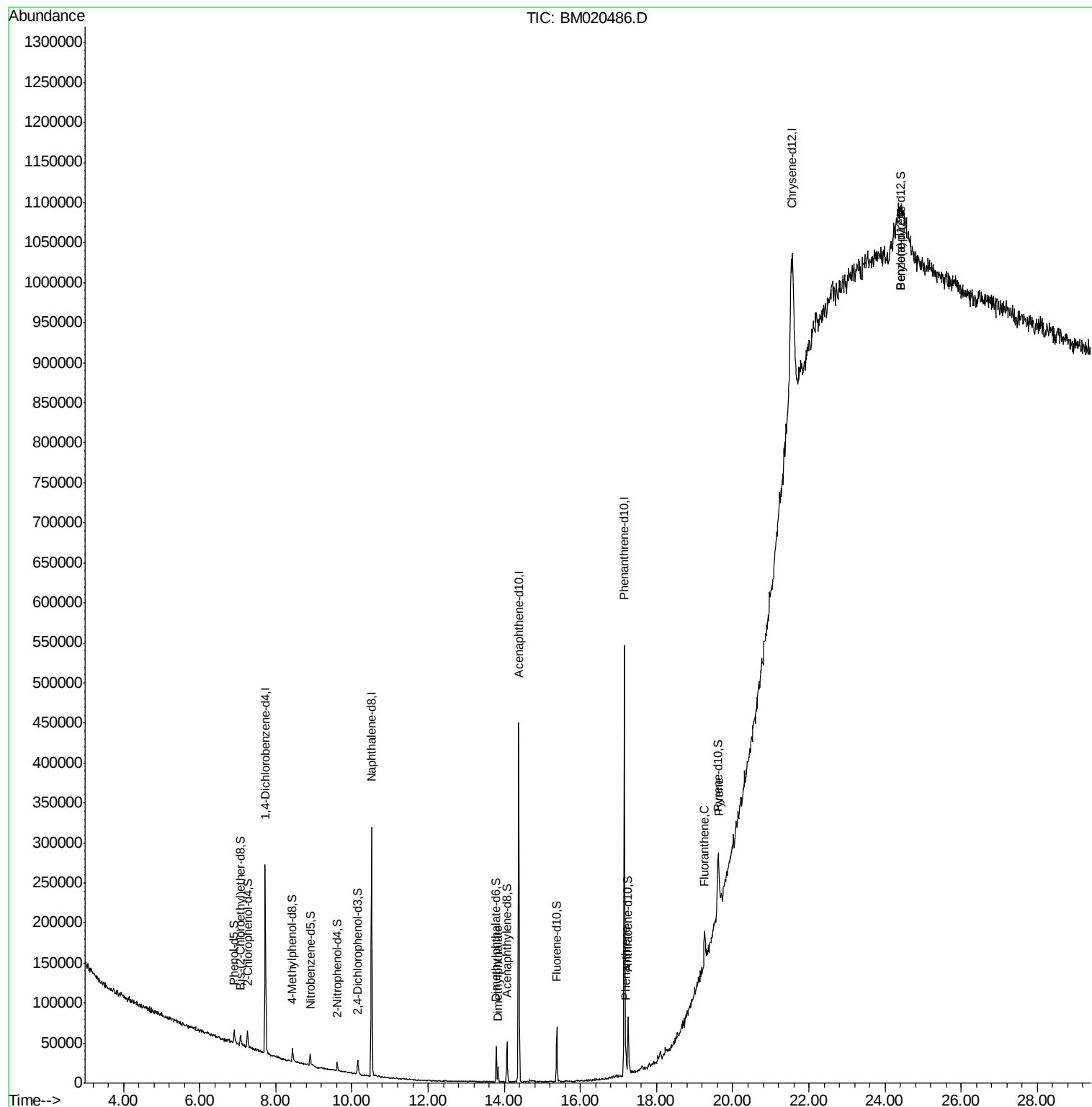
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020486.D
Acq On : 22 May 2019 07:06
Operator : JU/SJ
Sample : K2923-10DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

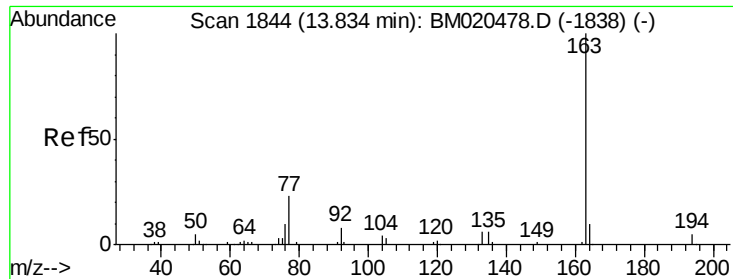
Instrument :
BNA_M
ClientSampleId :
A4257DL

Quant Time: May 22 07:52:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 06:40:26 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:57 AM





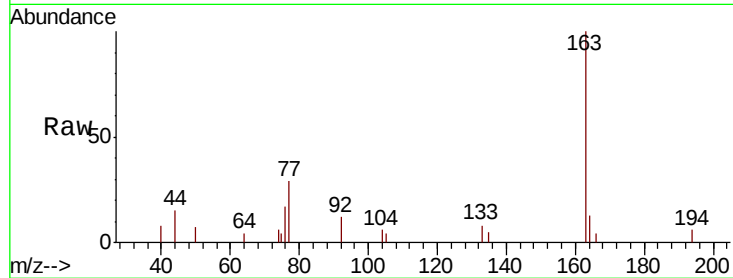
#44
Dimethylphthalate
Concen: 1.215 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM020486.D
Acq: 22 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :
A4257DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.3	4.9#
164	13.4	8.0	12.0#

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:57 AM

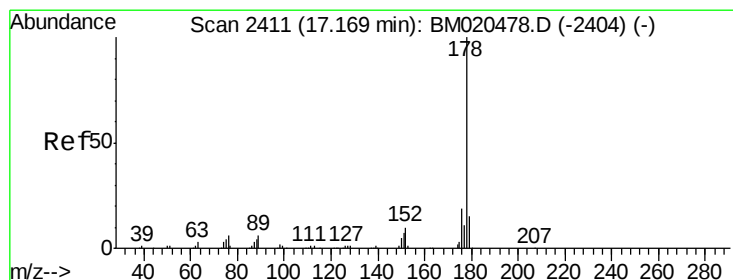
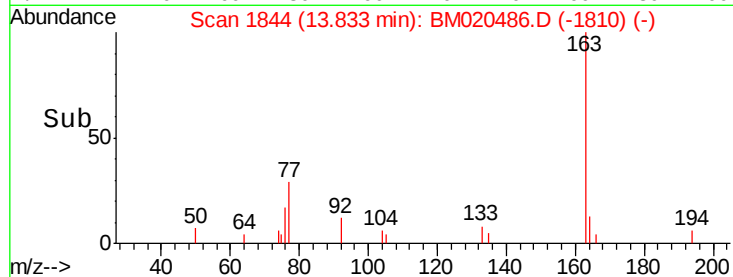
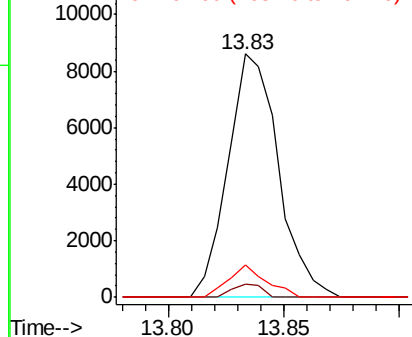


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 1.113 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.03 min
Lab File: BM020486.D
Acq: 22 May 2019 07:06

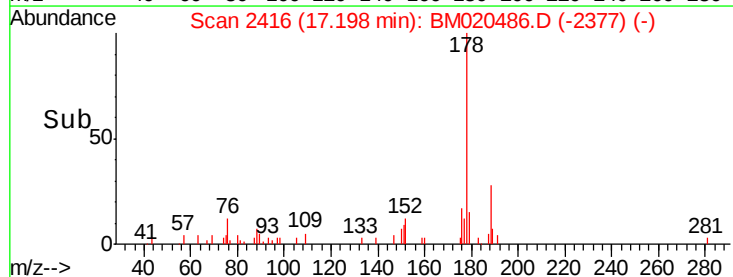
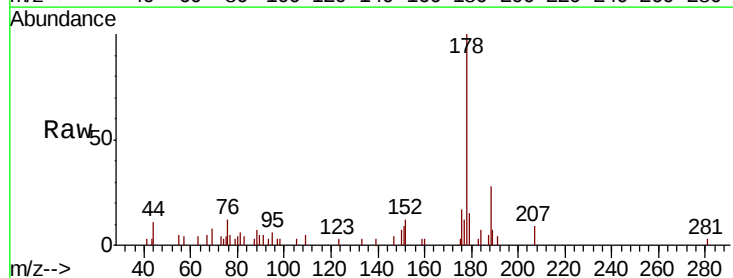
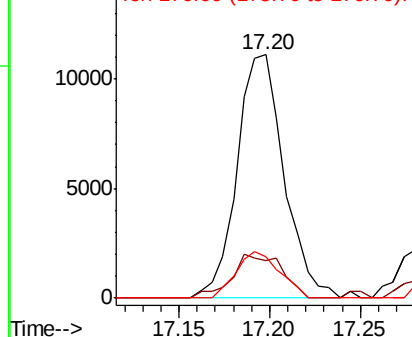
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	16.9	14.6	22.0

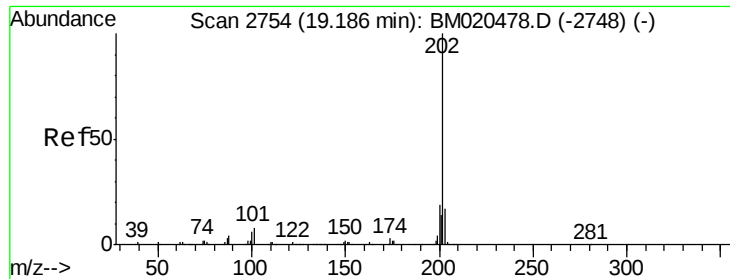
Abundance

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





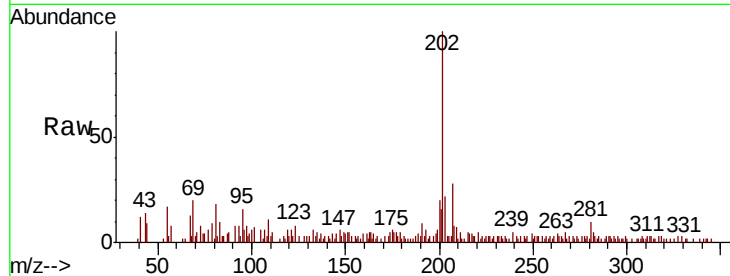
#76
Fluoranthene
 Concen: 2.085 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.08 min
 Lab File: BM020486.D
 Acq: 22 May 2019 07:06

Instrument :
 BNA_M
 ClientSampleId :
 A4257DL

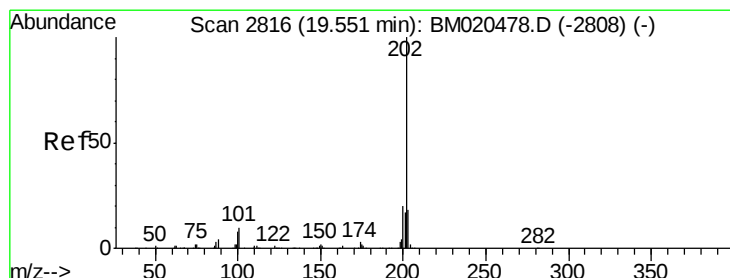
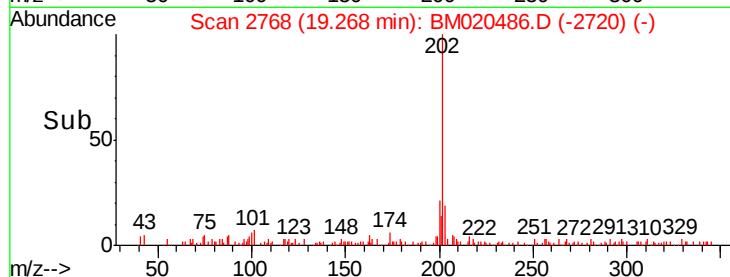
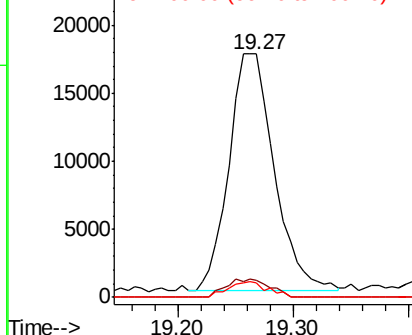
Tot Ion:	202	Resp:	47352
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.4	9.6
100	5.8	5.2	7.8

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

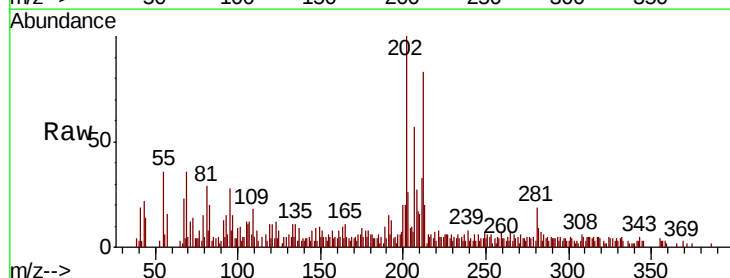


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#79
Pyrene
 Concen: 1.738 ng/ul m
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.08 min
 Lab File: BM020486.D
 Acq: 22 May 2019 07:06

Tgt Ion:	202	Resp:	43842
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.1	10.7
100	9.2	5.9	8.9#



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

