

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020507.D
 Acq On : 23 May 2019 00:38
 Operator : JU/SJ
 Sample : K2925-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4296

Manual Integrations
 APPROVED

mohammad
 5/23/2019 2:22:38 PM

Quant Time: Jun 05 03:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 23 07:52:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	70411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	266440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	163881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	407473	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	436800	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	509373	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	6566m	3.44	ng/uL	0.00
5) Phenol-d5	6.85	99	79400	14.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	56516	15.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	65715	15.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	54847	13.41	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	30376	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	34733	18.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	66372	16.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	40495	9.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	218542	18.54	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	249241	16.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	11645m	6.80	ng/ul	0.00
57) Fluorene-d10	15.33	176	189757	18.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	15326	6.60	ng/ul	0.00
70) Anthracene-d10	17.19	188	293331	16.78	ng/ul	0.00
78) Pyrene-d10	19.49	212	349773	16.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	366563	15.84	ng/ul	-0.01

Target Compounds				Ovalue		
44) Dimethylphthalate	13.80	163	64023	5.489	ng/ul	99
47) Acenaphthylene	14.06	152	20028	1.440	ng/ul	96
69) Phenanthrene	17.13	178	105885	5.454	ng/ul	99
71) Anthracene	17.23	178	24573	1.244	ng/ul	98
76) Fluoranthene	19.16	202	251409	10.251	ng/ul	99
79) Pyrene	19.52	202	218359	8.329	ng/ul	99
82) Benzo(a)anthracene	21.27	228	127090	4.834	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.18	149	17535	1.470	ng/ul#	98
84) Chrysene	21.32	228	137510	5.473	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	194748	6.699	ng/ul#	96
88) Benzo(k)fluoranthene	22.90	252	62835m	2.201	ng/ul	
90) Benzo(a)pyrene	23.44	252	128333	4.691	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	106025	3.401	ng/ul#	95
93) Benzo(g,h,i)perylene	26.51	276	86957	3.370	ng/ul	95

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

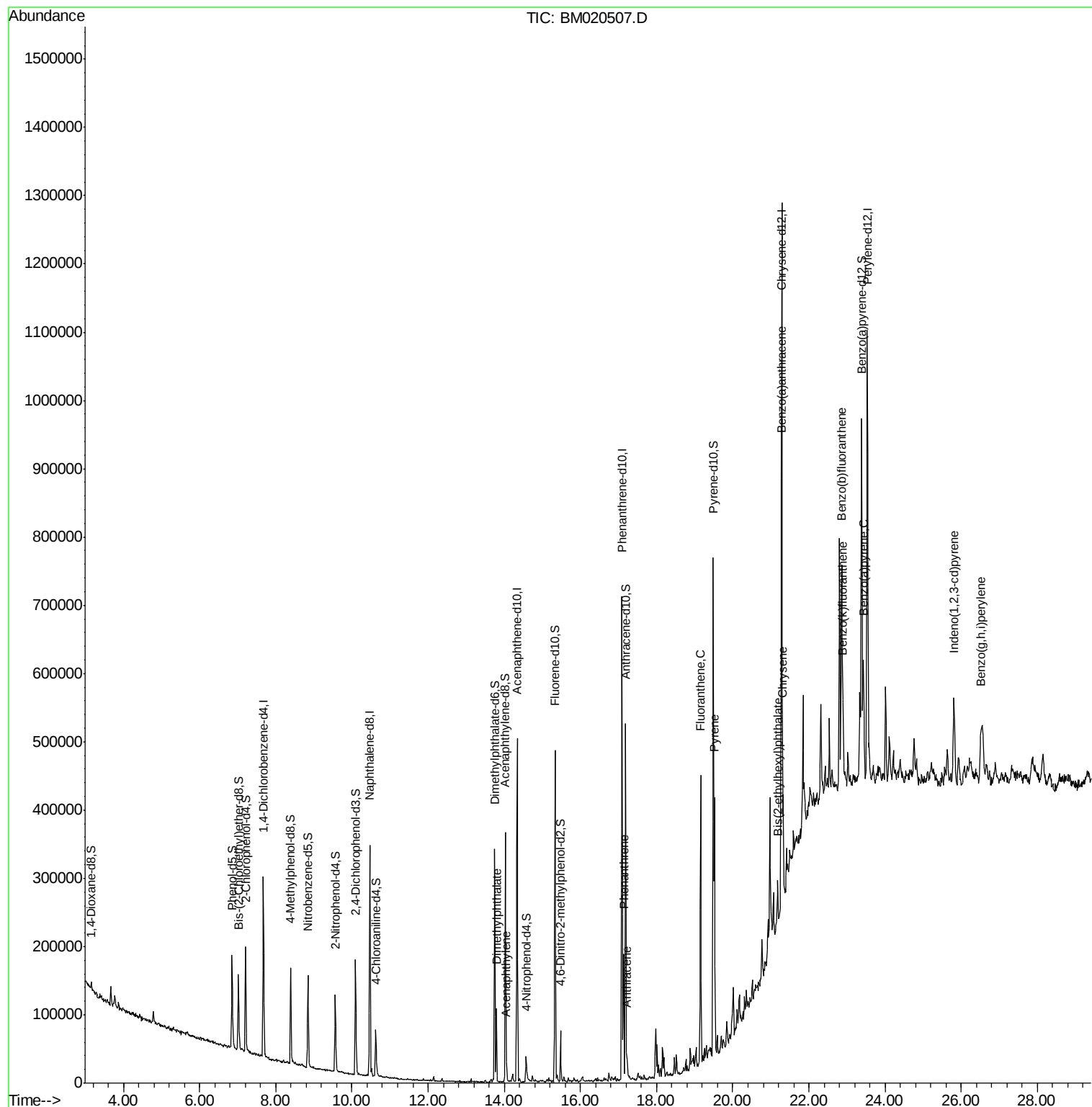
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020507.D
Acq On : 23 May 2019 00:38
Operator : JU/SJ
Sample : K2925-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

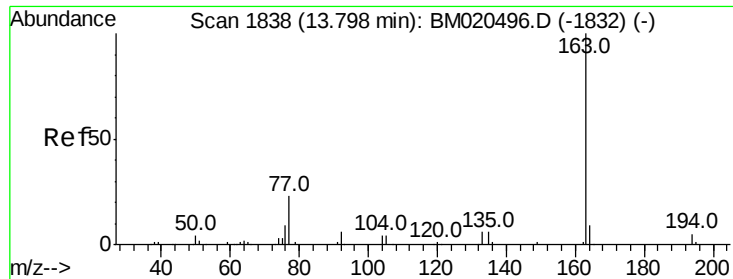
Instrument :
BNA_M
ClientSampleId :
A4296

Quant Time: Jun 05 03:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

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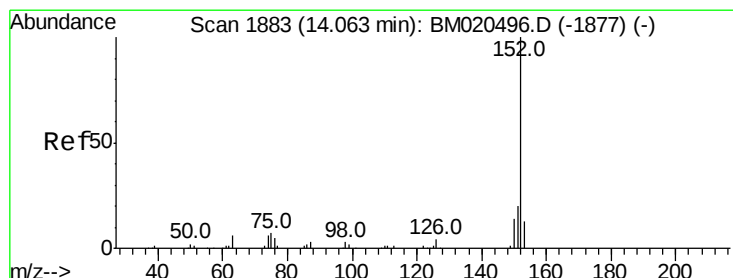
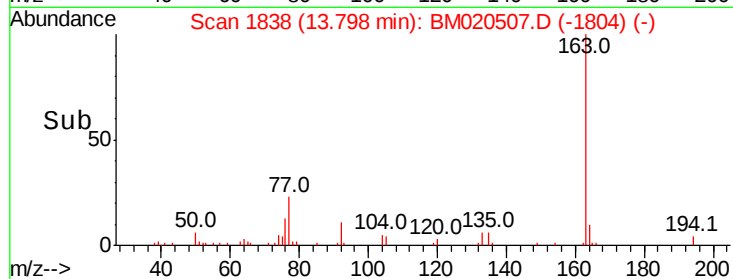
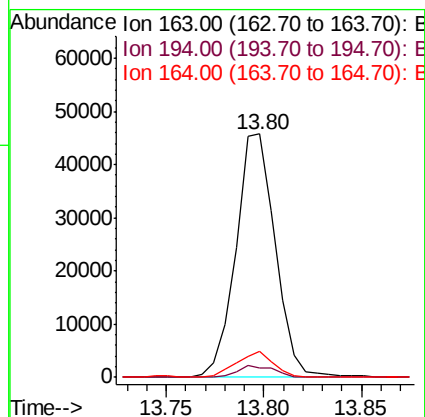
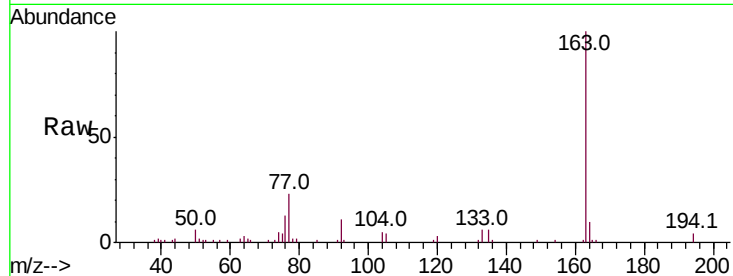
#44
Dimethylphthalate
Concen: 5.489 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Instrument :
BNA_M
ClientSampleId :
A4296

Tot Ion:	163	Resp:	64023
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.4	8.0	12.0

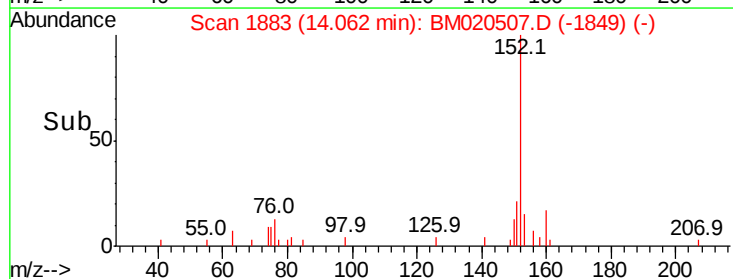
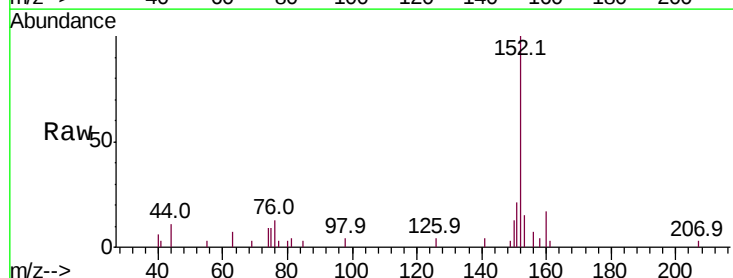
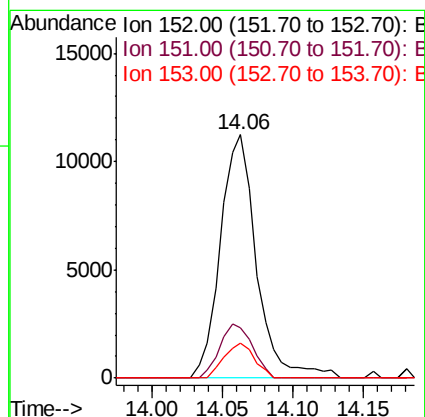
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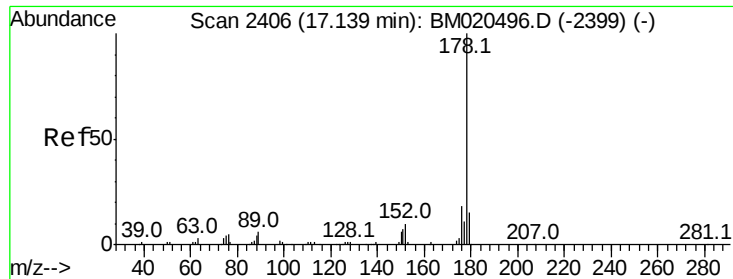
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#47
Acenaphthylene
Concen: 1.440 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Tgt Ion:	152	Resp:	20028
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.4	23.0
153	14.6	10.3	15.5





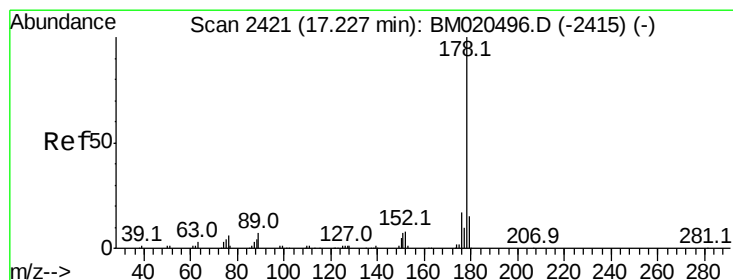
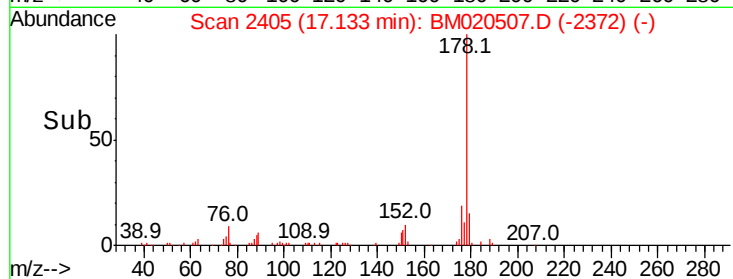
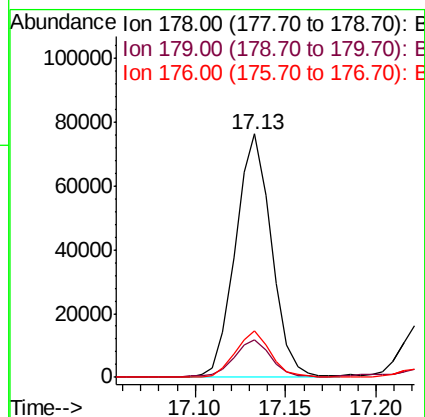
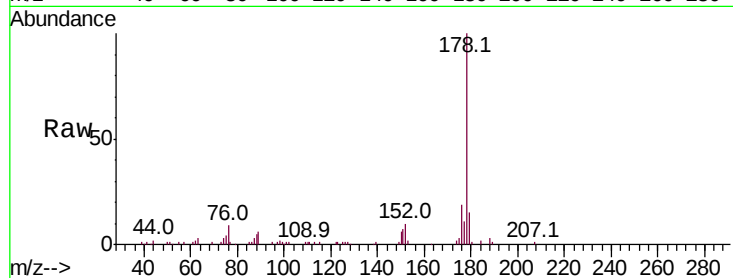
#69
Phenanthrene
Concen: 5.454 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Instrument :
BNA_M
ClientSampled :
A4296

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	19.0	14.6	22.0

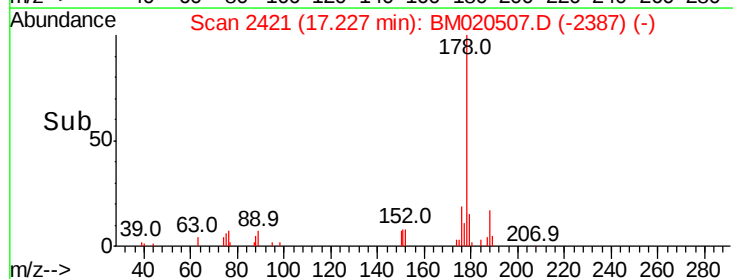
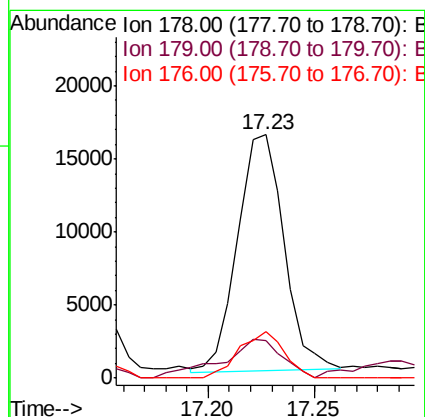
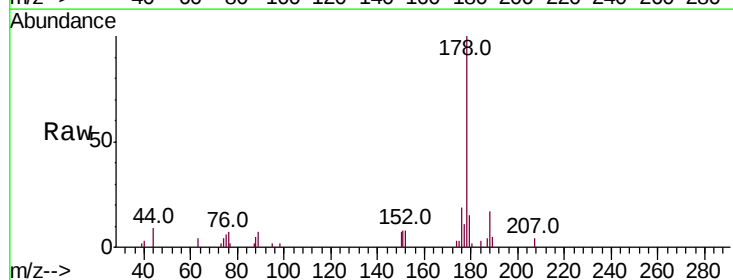
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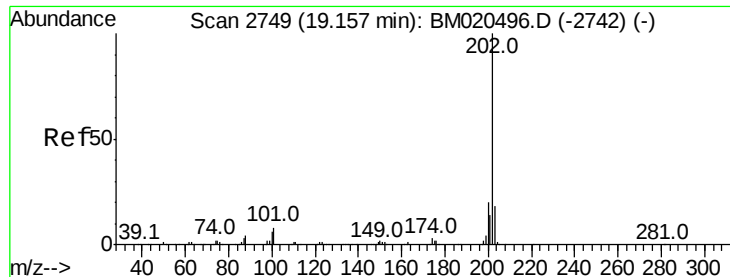
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#71
Anthracene
Concen: 1.244 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.2	14.4	21.6





#76

Fluoranthene

Concen: 10.251 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BM020507.D

Acq: 23 May 2019 00:38

Instrument :

BNA_M

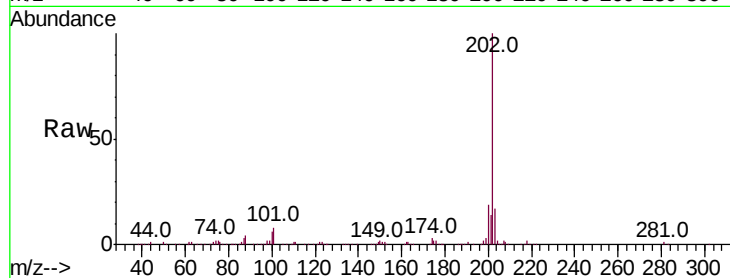
ClientSampled :

A4296

Tot Ion:	202	Resp:	251409
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.4	9.6
100	6.1	5.2	7.8

Manual Integrations
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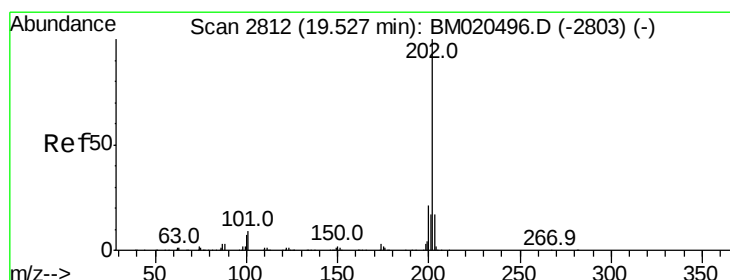
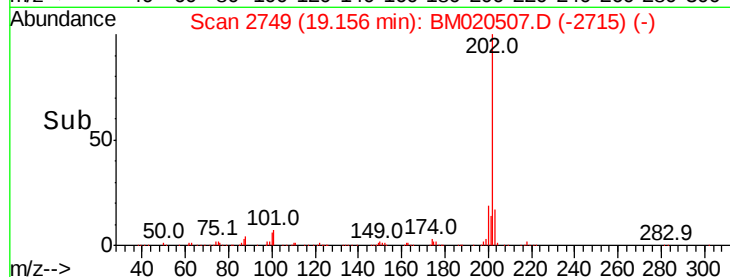
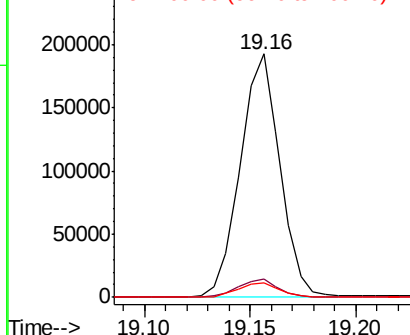


Abundance

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



#79

Pyrene

Concen: 8.329 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM020507.D

Acq: 23 May 2019 00:38

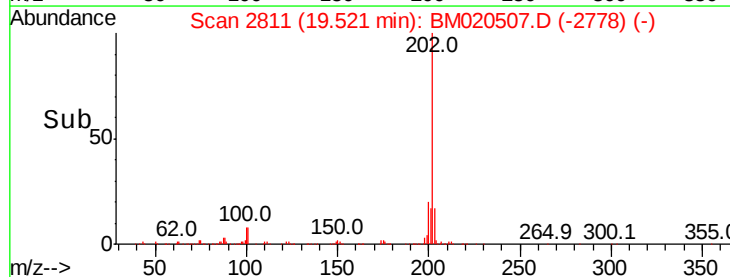
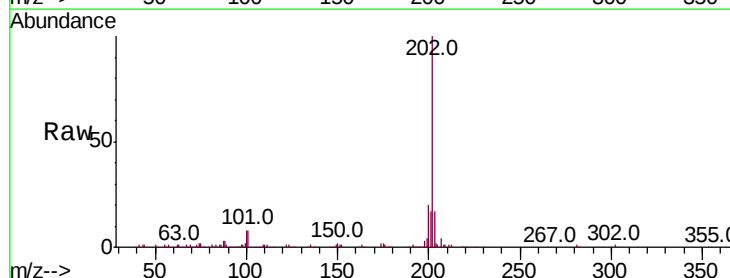
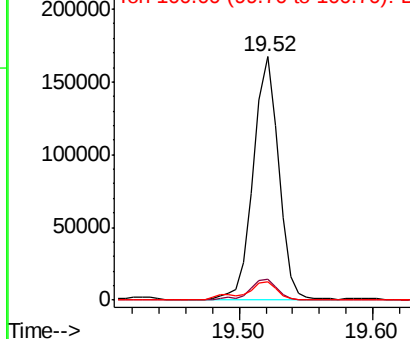
Tgt Ion:	202	Resp:	218359
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.1	10.7
100	7.7	5.9	8.9

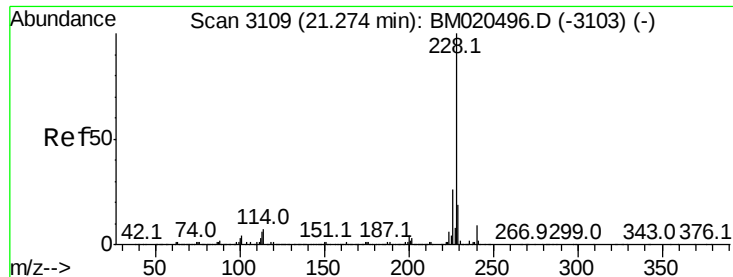
Abundance

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





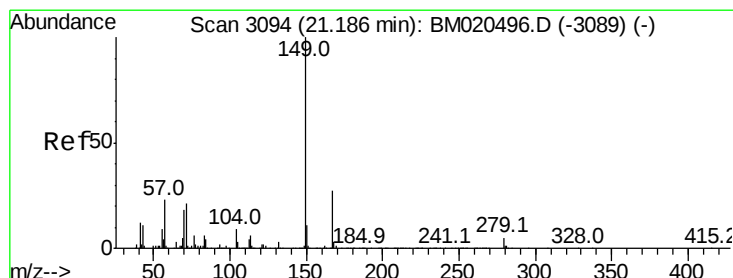
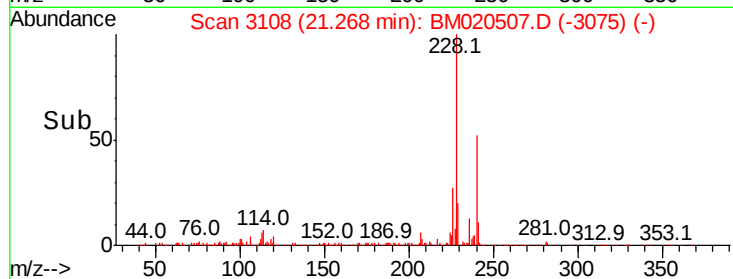
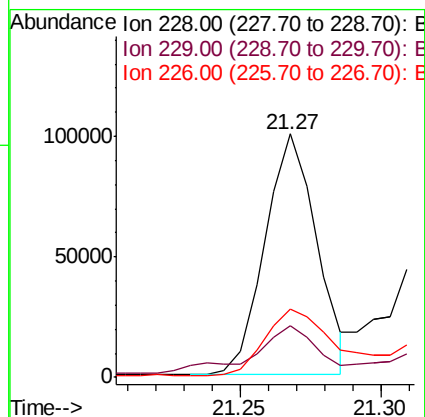
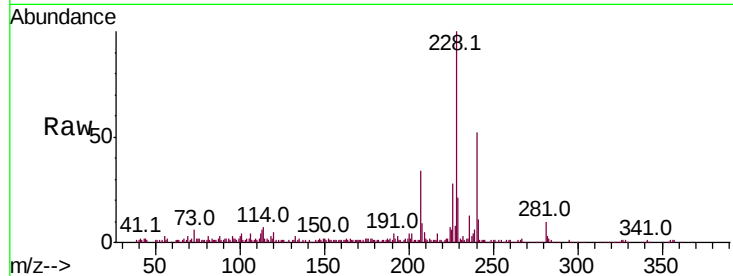
#82
Benzo(a)anthracene
Concen: 4.834 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Instrument :
BNA_M
ClientSampled :
A4296

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	27.9	20.6	30.8

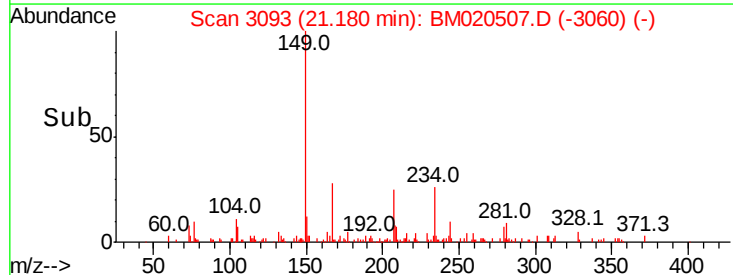
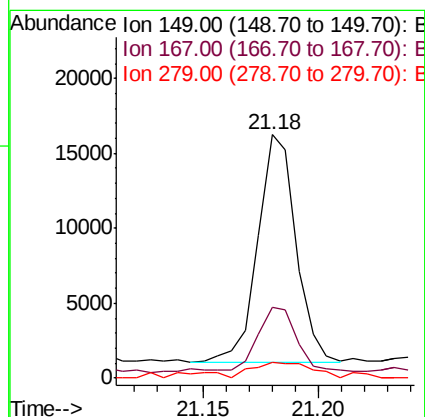
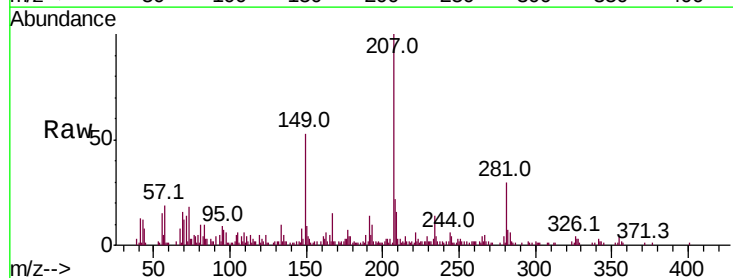
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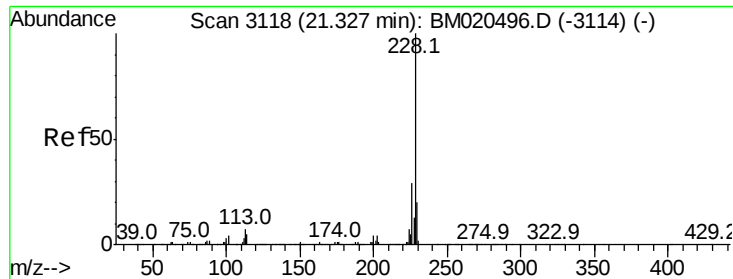
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.470 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	6.6	4.2	6.2#





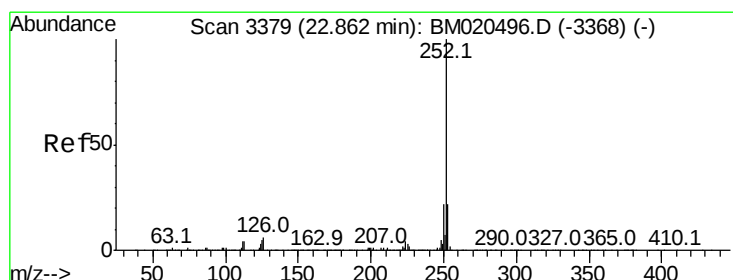
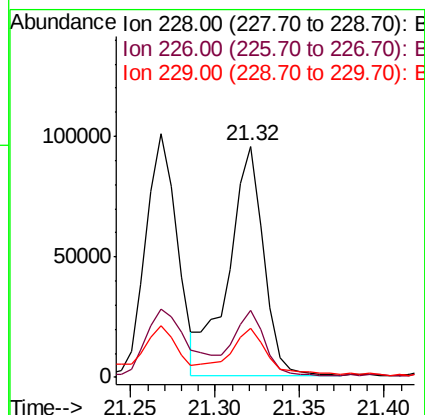
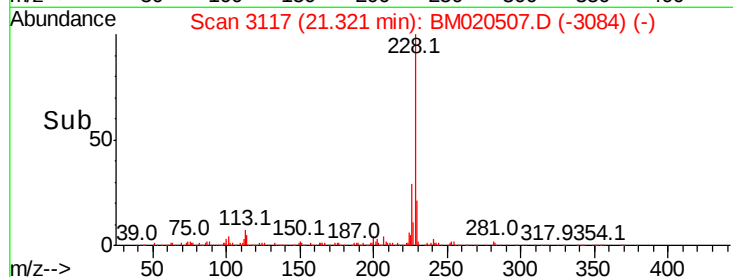
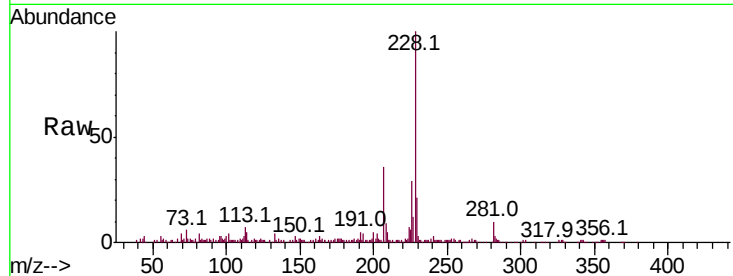
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Chrysene
Concen: 5.473 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Instrument :
BNA_M
ClientSampleId :
A4296

Tot Ion	Ratio	Resp	Lower	Upper
228	100	137510		
226	29.0		22.2	33.4
229	21.3		15.4	23.2

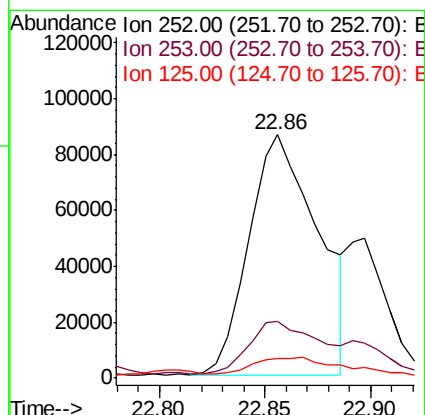
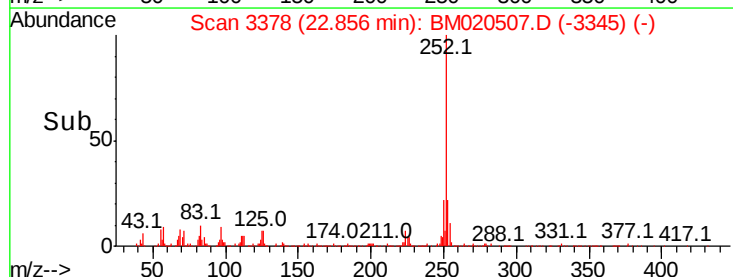
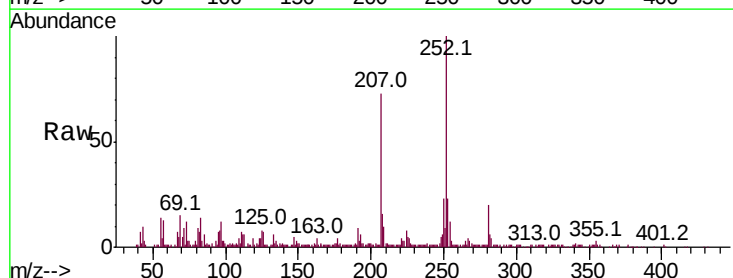
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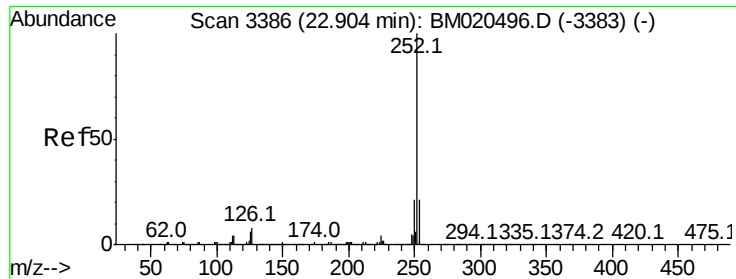
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#87
Benzo(b)fluoranthene
Concen: 6.699 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	194748		
253	23.2		17.0	25.6
125	8.1		5.0	7.4#





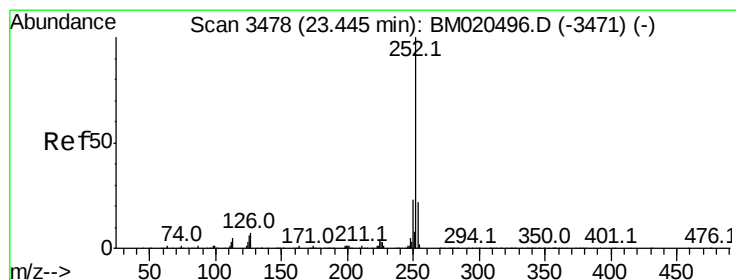
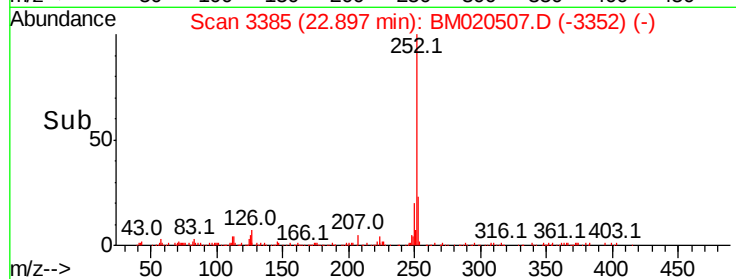
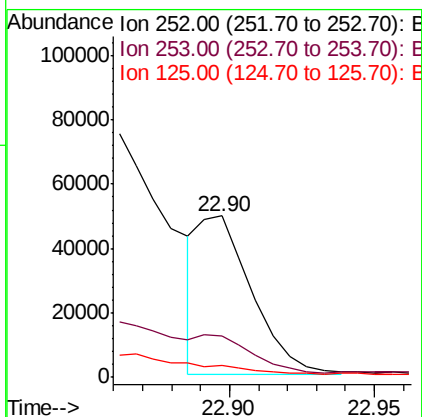
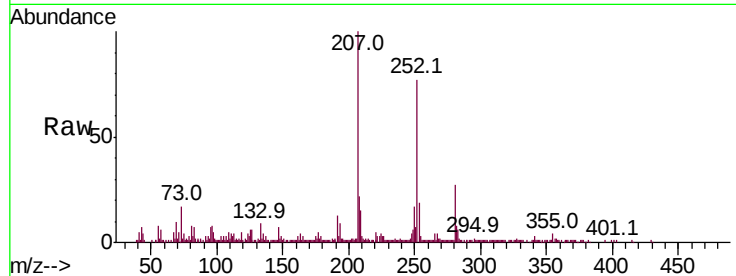
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Benzo(k)fluoranthene
Concen: 2.201 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Instrument :
BNA_M
ClientSampleId :
A4296

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	7.4	5.0	7.6

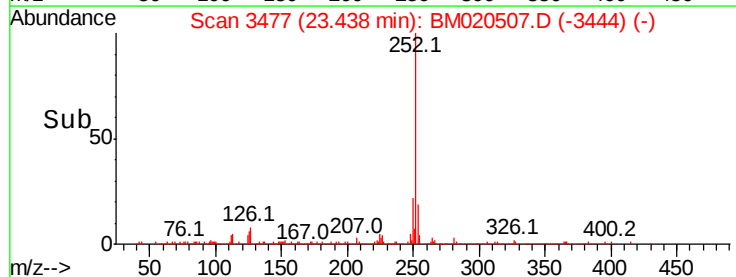
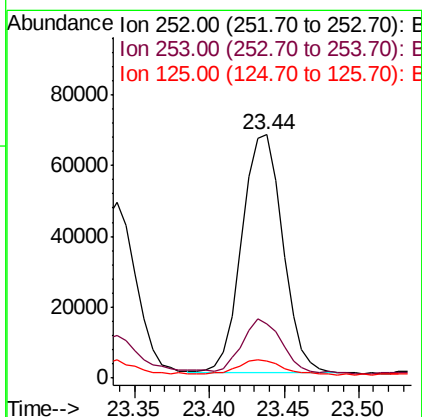
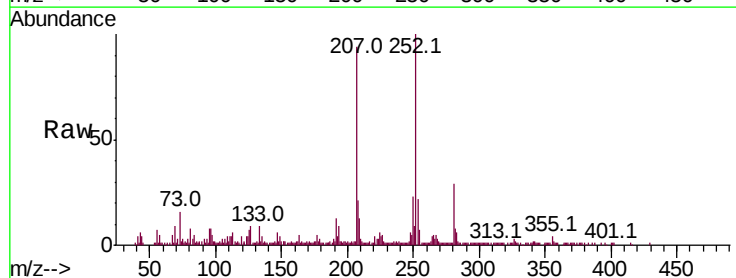
Manual Integrations
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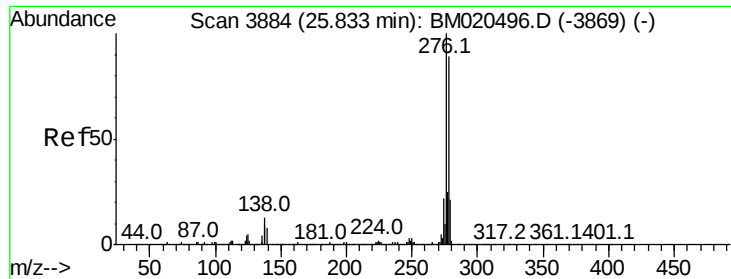
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#90
Benzo(a)pyrene
Concen: 4.691 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM020507.D
Acq: 23 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	7.0	5.4	8.2





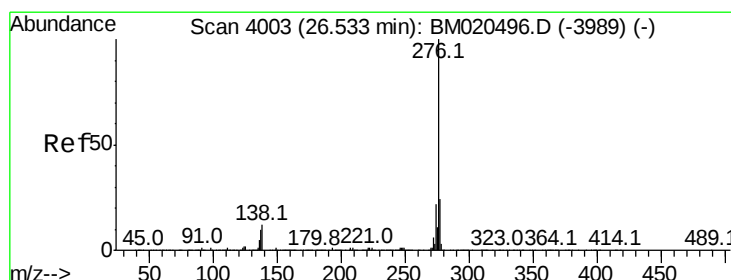
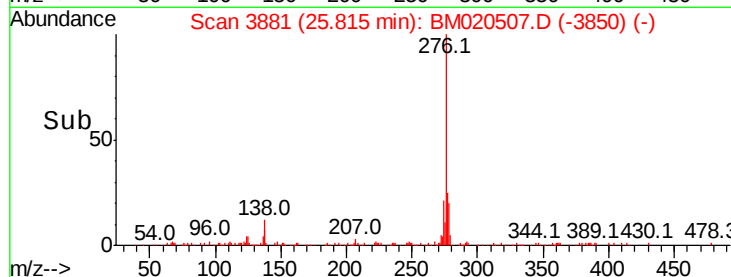
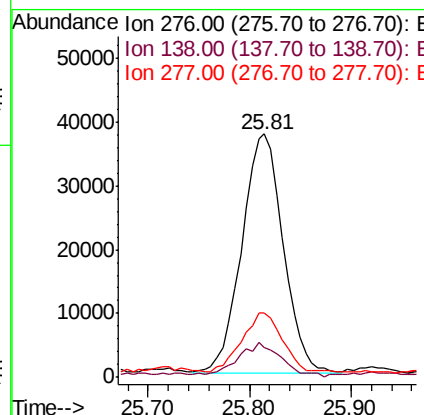
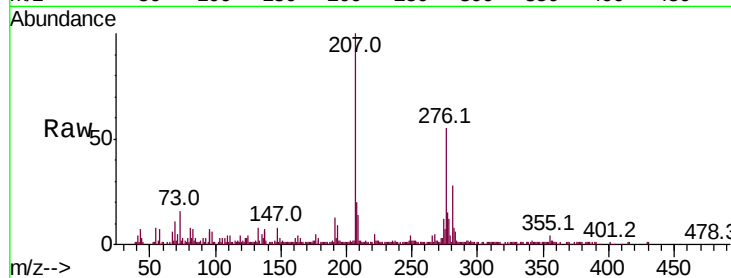
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.401 ng/ul
 RT: 25.81 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BM020507.D
 Acq: 23 May 2019 00:38

Instrument :
 BNA_M
 ClientSampled :
 A4296

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.2	12.3	18.5#
277	26.4	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 5/23/2019 2:22:38 PM



#93
 Benzo(g,h,i)perylene
 Concen: 3.370 ng/ul
 RT: 26.51 min Scan# 4000
 Delta R.T. -0.02 min
 Lab File: BM020507.D
 Acq: 23 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.0	15.0
277	26.1	18.2	27.4

