

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020900.D
 Acq On : 12 Jun 2019 13:01
 Operator : HP/JU
 Sample : K3083-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F4

Manual Integrations
 APPROVED

mohammad
 6/13/2019 9:46:00 AM

Quant Time: Jun 12 16:21:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	254118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1018885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	561148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1138757	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1025007	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1200946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	25901	4.86	ng/uL	0.00
5) Phenol-d5	6.97	99	471528	24.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	287035	24.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	399171	25.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	371161	23.73	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	191112	27.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	207034	28.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	394895	26.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	277763	15.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1161527	27.98	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1398561	26.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	131602	18.48	ng/ul	0.00
57) Fluorene-d10	15.44	176	944362	26.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	89383	15.35	ng/ul	0.00
70) Anthracene-d10	17.29	188	1276118	25.65	ng/ul	0.00
78) Pyrene-d10	19.58	212	1326835	26.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1428022	26.16	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.90	163	204130	4.911 ng/ul	99
69) Phenanthrene	17.23	178	300598	5.245 ng/ul	98
71) Anthracene	17.32	178	65841	1.121 ng/ul	100
76) Fluoranthene	19.24	202	555448	8.457 ng/ul	99
79) Pyrene	19.61	202	439277	6.943 ng/ul	99
82) Benzo(a)anthracene	21.36	228	235565	3.684 ng/ul	97
84) Chrysene	21.41	228	253726	4.276 ng/ul	99
87) Benzo(b)fluoranthene	22.97	252	351612	5.033 ng/ul	96
88) Benzo(k)fluoranthene	23.01	252	118502m	1.775 ng/ul	
90) Benzo(a)pyrene	23.56	252	216592	3.259 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.96	276	166346	2.119 ng/ul	96
93) Benzo(g,h,i)perylene	26.67	276	147662	2.319 ng/ul	97

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

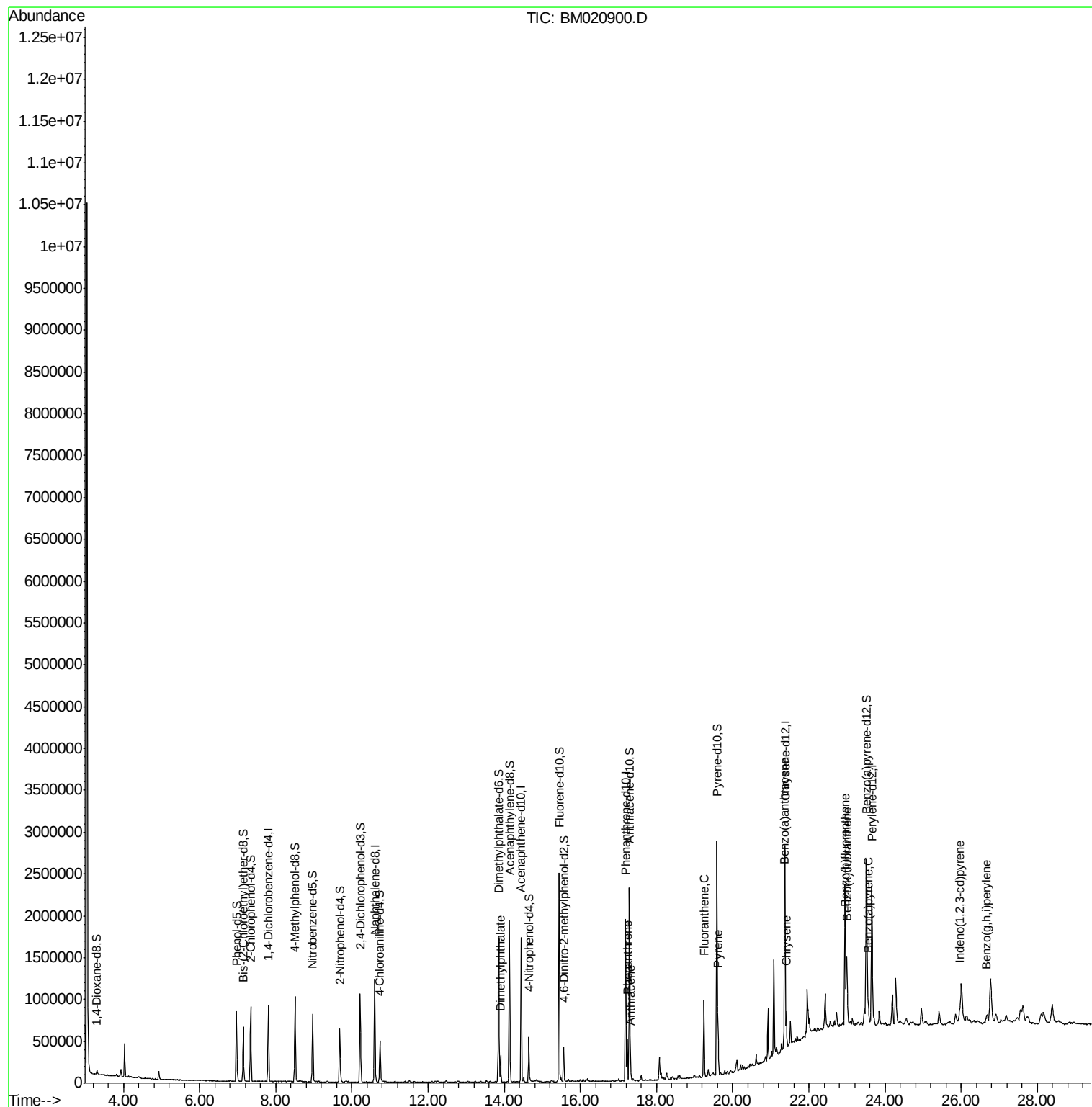
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

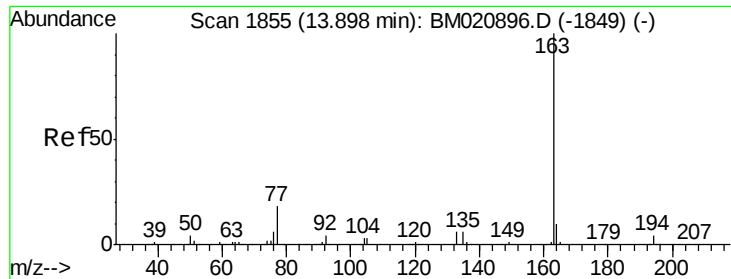
Instrument :
BNA_M
ClientSampleId :
A51F4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
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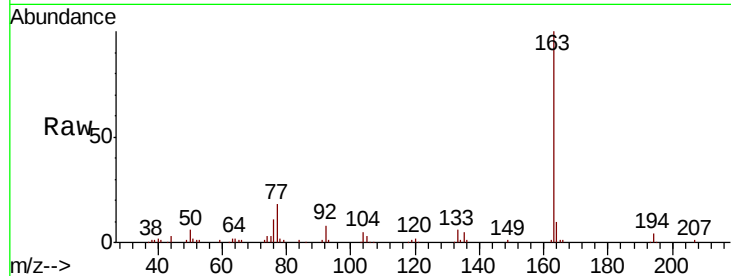
#44
Dimethylphthalate
Concen: 4.911 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_M
ClientSampleId :
A51F4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	204130		
194	4.2		3.2	4.8
164	9.8		8.0	12.0

Manual Integrations
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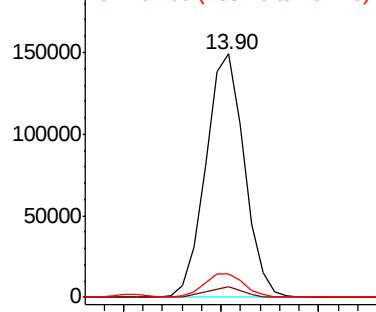


Abundance

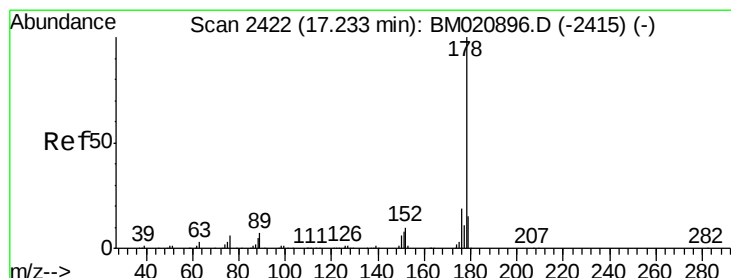
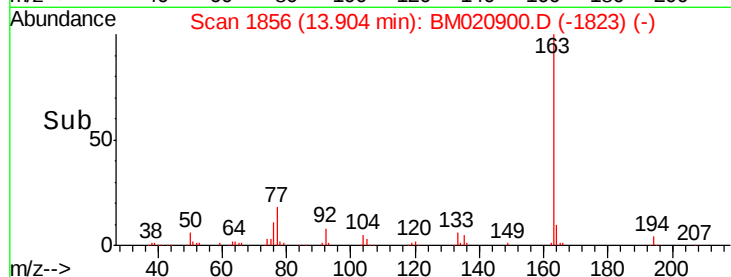
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

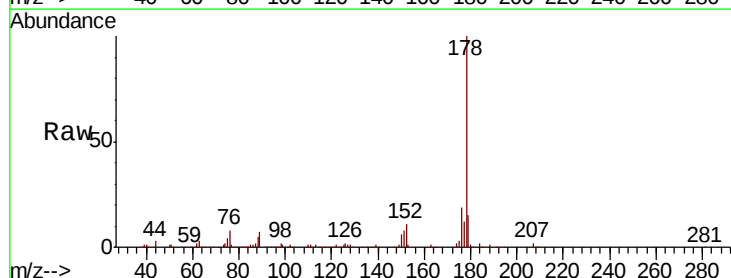


Time-->



#69
Phenanthrene
Concen: 5.245 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	300598		
179	14.5		12.3	18.5
176	19.3		14.8	22.2

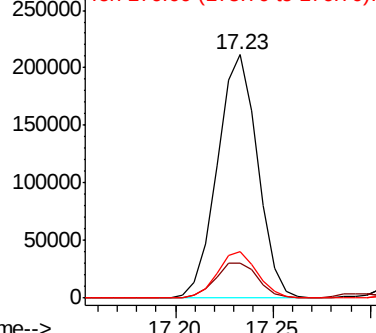


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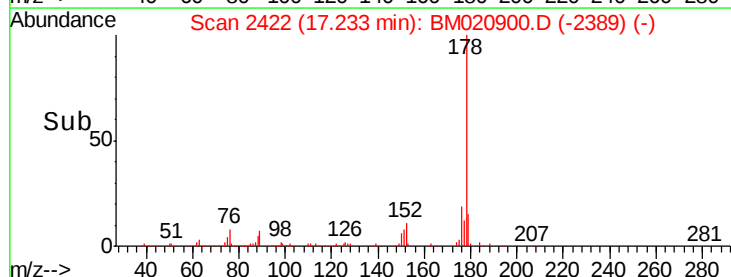
Ion 178.00 (177.70 to 178.70): E

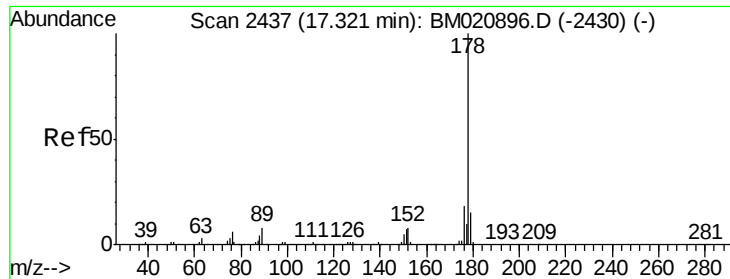
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





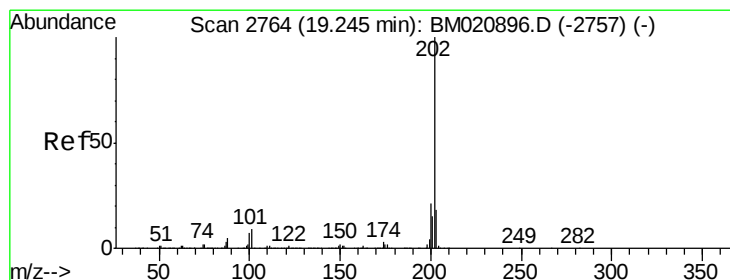
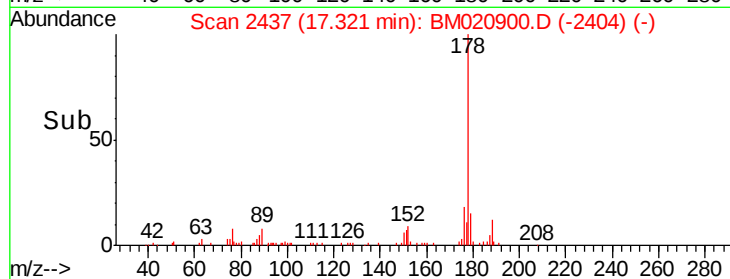
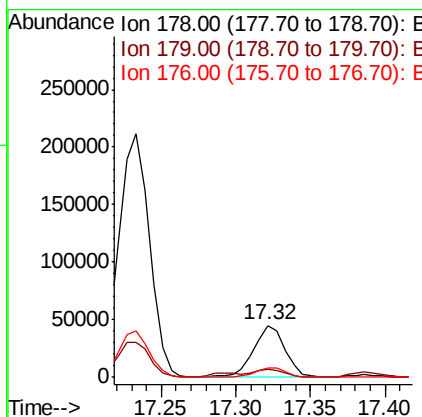
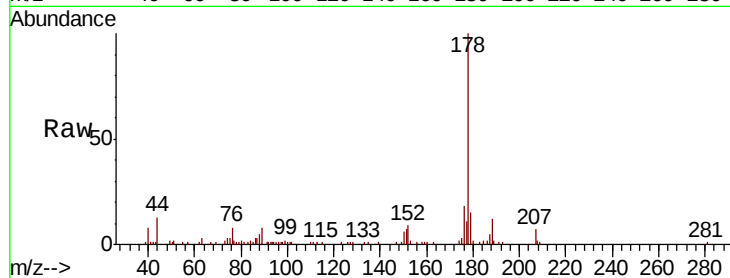
#71
 Anthracene
 Concen: 1.121 ng/ul
 RT: 17.32 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM020900.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_M
 ClientSampleId :
 A51F4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.4	14.9	22.3

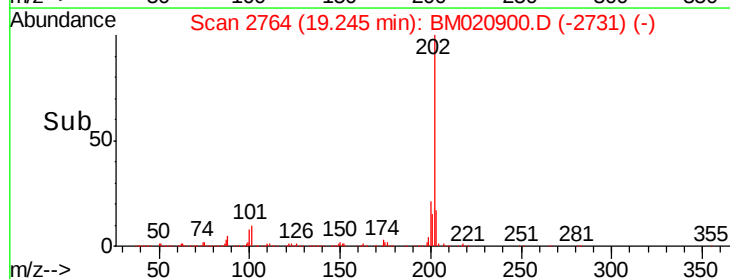
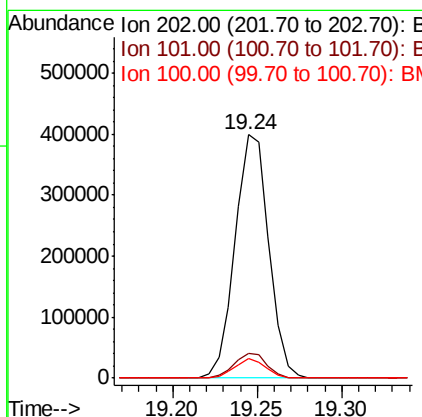
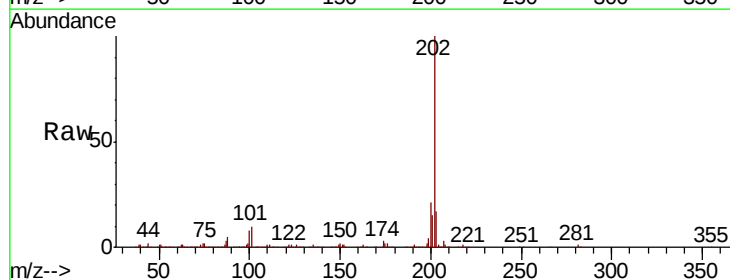
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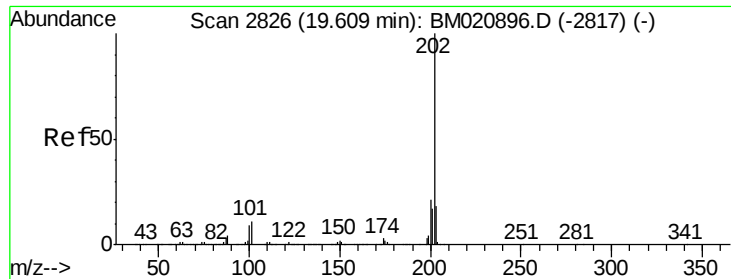
mohammad
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#76
 Fluoranthene
 Concen: 8.457 ng/ul
 RT: 19.24 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BM020900.D
 Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.9	11.9
100	8.0	6.2	9.4





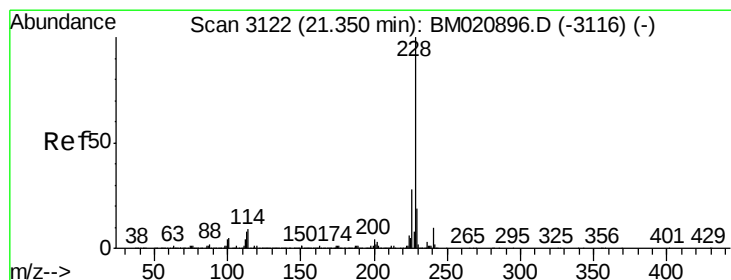
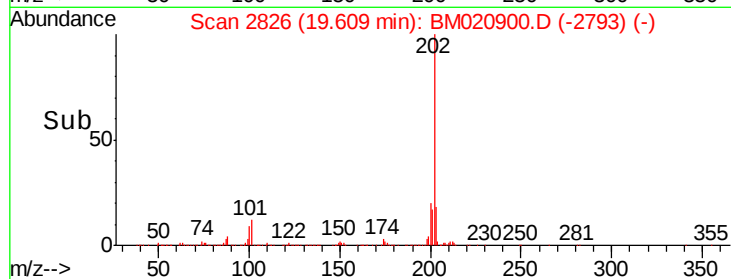
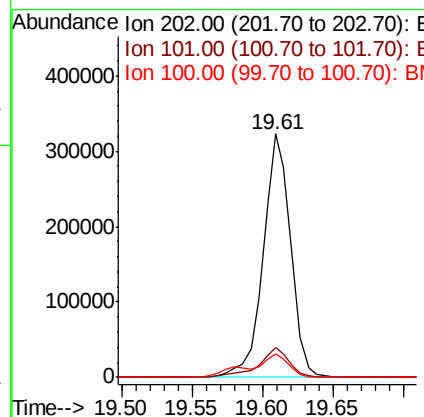
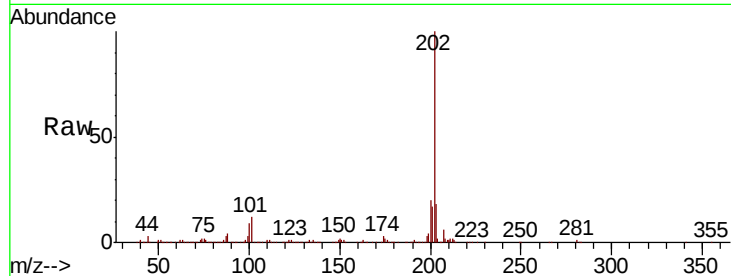
#79
Pvrene
Concen: 6.943 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_M
ClientSampleId :
A51F4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	9.8	14.6
100	9.4	8.0	12.0

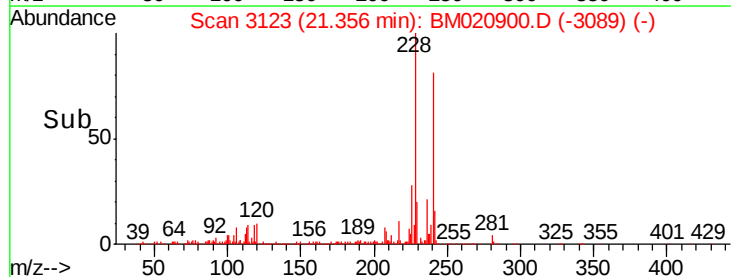
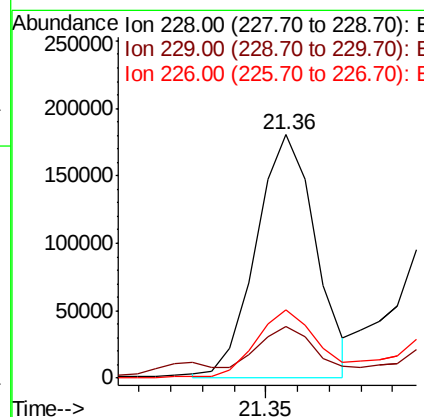
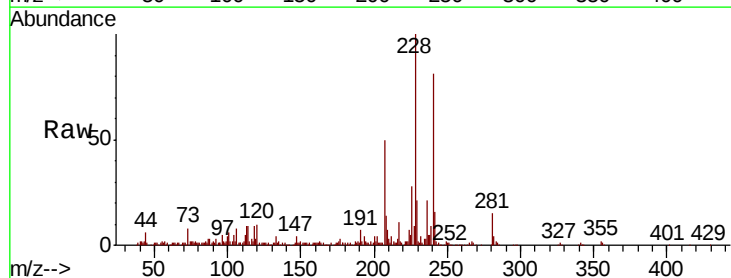
Manual Integrations
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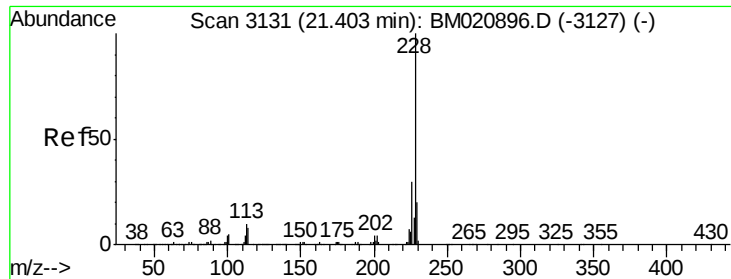
mohammad
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#82
Benzo(a)anthracene
Concen: 3.684 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.8	21.4	32.2





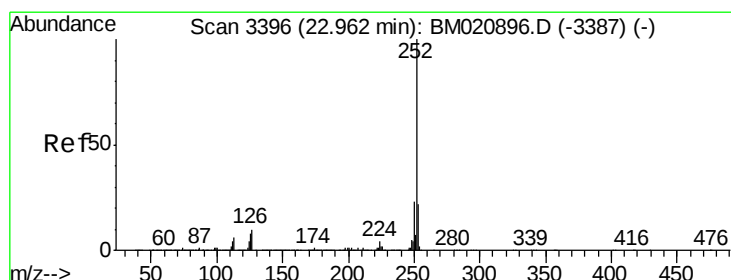
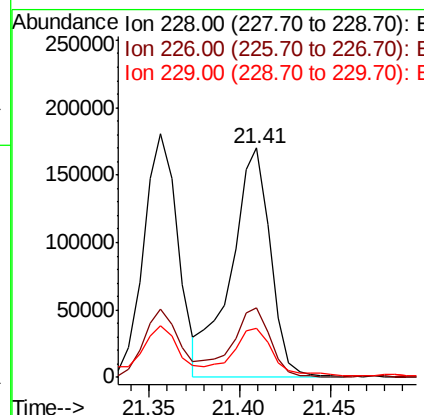
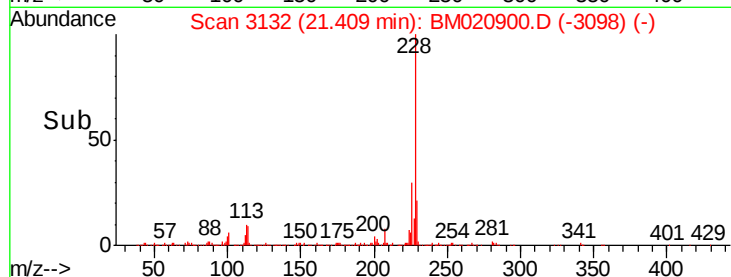
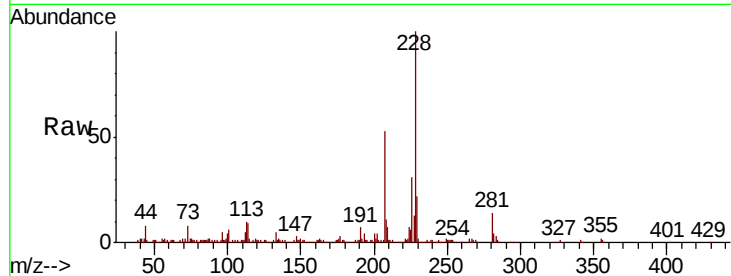
#84
 Chrysene
 Concen: 4.276 ng/ul
 RT: 21.41 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BM020900.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_M
 ClientSampleId :
 A51F4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	21.5	16.2	24.2

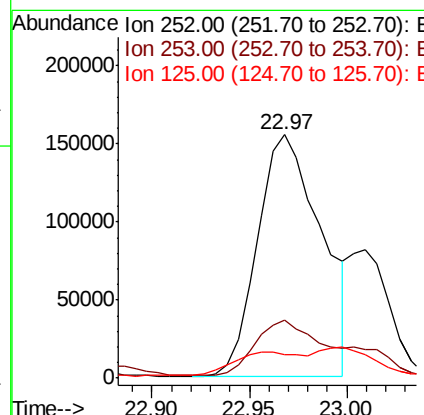
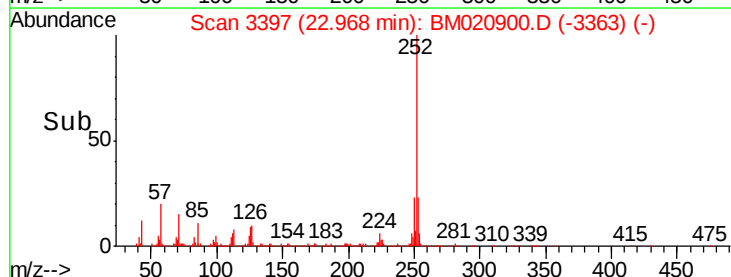
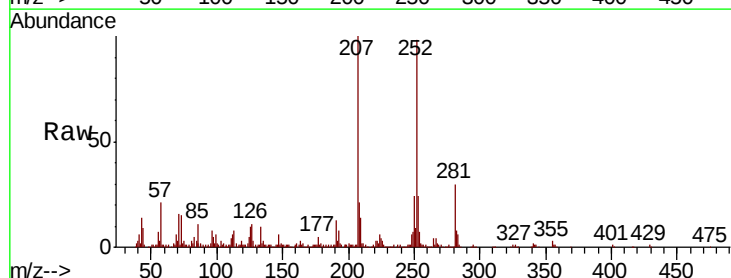
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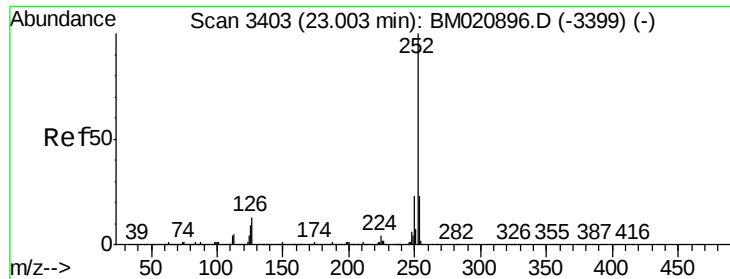
mohammad
 6/13/2019 9:46:00 AM



#87
 Benzo(b)fluoranthene
 Concen: 5.033 ng/ul
 RT: 22.97 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: BM020900.D
 Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	9.8	7.3	10.9





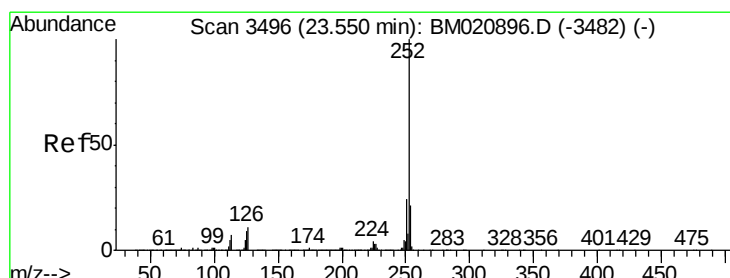
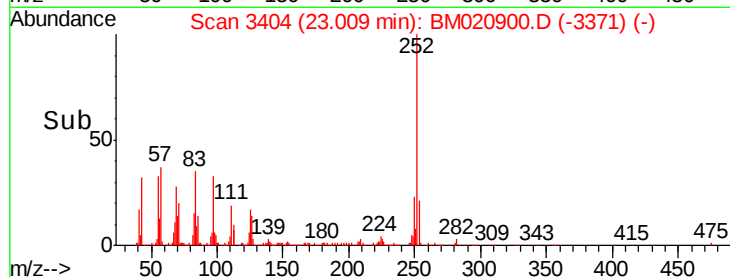
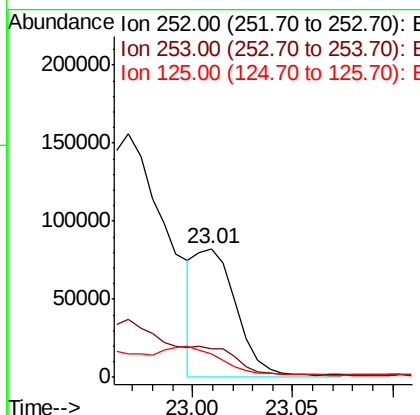
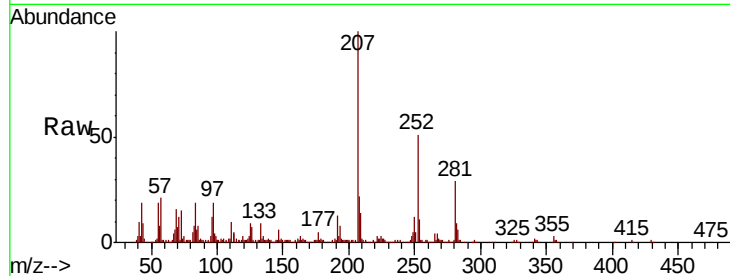
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Benzo(k)fluoranthene
Concen: 1.775 ng/ul m
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_M
ClientSampleId :
A51F4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	18.3	7.3	10.9

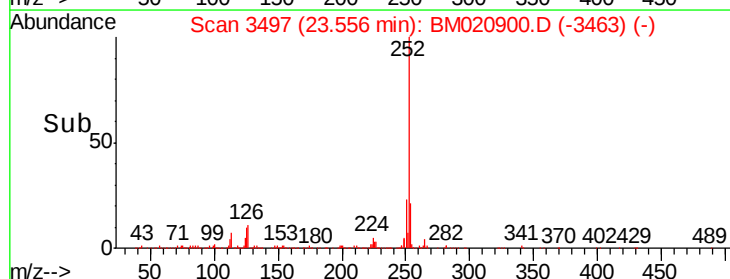
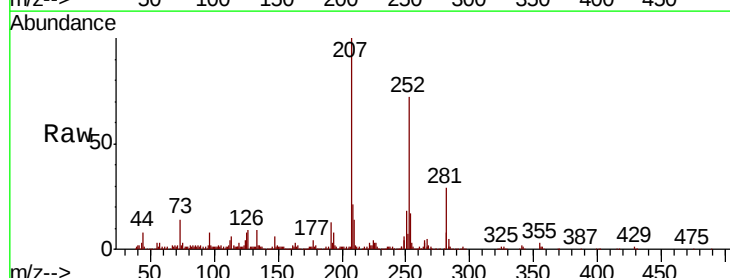
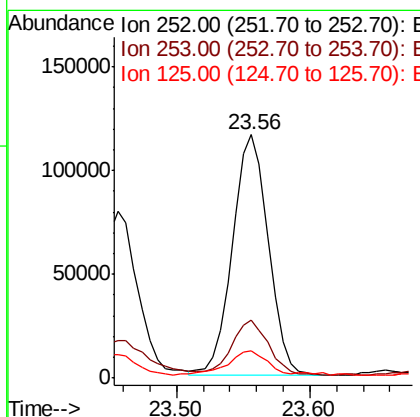
Manual Integrations
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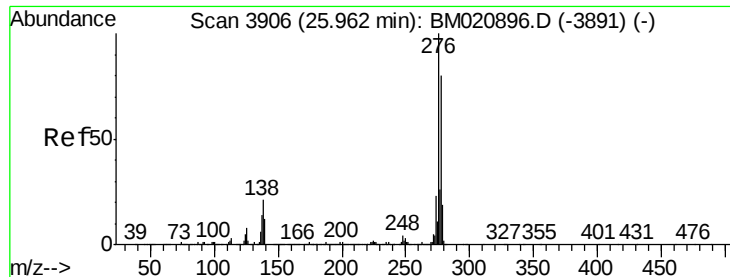
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#90
Benzo(a)pyrene
Concen: 3.259 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.1	8.2	12.4





#91

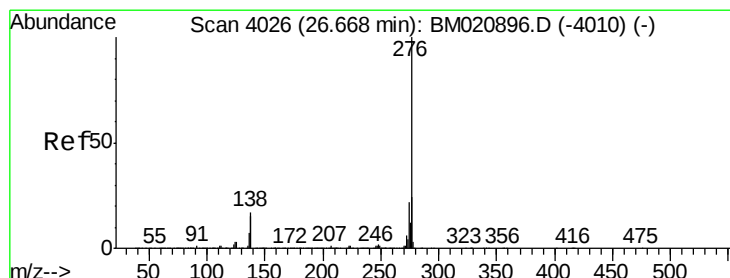
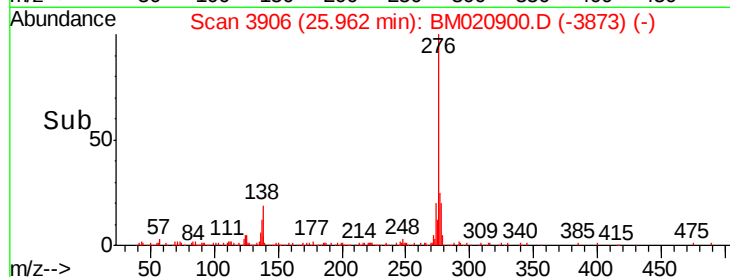
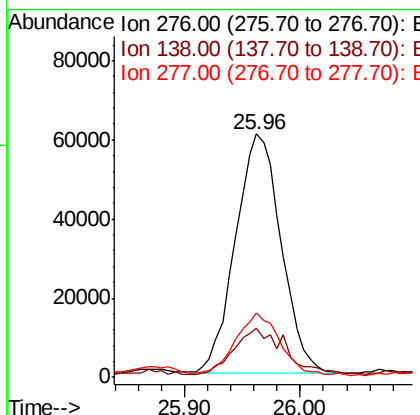
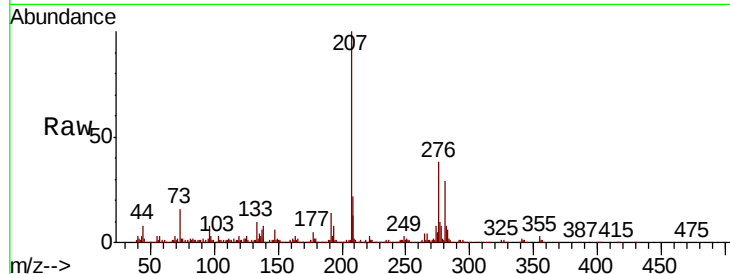
Indeno(1,2,3-cd)pyrene
Concen: 2.119 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_M
ClientSampleId :
A51F4

Tot Ion:	276	Resp:	166346
Ion Ratio	Lower	Upper	
276	100		
138	20.2	17.8	26.8
277	26.4	20.0	30.0

Manual Integrations
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6/13/2019 9:46:00 AM



#93

Benzo(g,h,i)perylene
Concen: 2.319 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM020900.D
Acq: 12 Jun 2019 13:01

Tgt Ion:	276	Resp:	147662
Ion Ratio	Lower	Upper	
276	100		
138	17.8	16.6	25.0
277	24.7	19.6	29.4

