

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022277.D
 Acq On : 24 Aug 2019 04:09
 Operator : HP/JU
 Sample : K4242-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

mohammad
 8/26/2019 8:30:04 AM

Quant Time: Aug 24 06:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 24 05:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	45832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	200787	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	136545	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	311067	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	346885	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	295814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4298	4.20	ng/uL	0.00
5) Phenol-d5	6.75	99	97587	24.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	56667	24.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	84134	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	83430	24.34	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	40645	27.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	48544	27.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	95440	26.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	84706	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	324464	26.98	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	355230	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	37446	21.02	ng/ul	0.00
57) Fluorene-d10	15.22	176	281159	28.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	40856	17.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	472418	28.68	ng/ul	0.00
78) Pyrene-d10	19.38	212	629393	34.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	484849	29.83	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.69	163	46867	3.830	ng/ul	98
69) Phenanthrene	17.02	178	69719	3.746	ng/ul	99
71) Anthracene	17.11	178	20224m	1.044	ng/ul	
76) Fluoranthene	19.04	202	227461	8.111	ng/ul	99
79) Pyrene	19.41	202	221097	9.847	ng/ul	99
80) Butylbenzylphthalate	20.32	149	67555	7.109	ng/ul	97
82) Benzo(a)anthracene	21.17	228	135870	5.204	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.09	149	689870	48.245	ng/ul#	95
84) Chrysene	21.22	228	120870	4.951	ng/ul	96
87) Benzo(b)fluoranthene	22.73	252	156215	7.591	ng/ul#	93
88) Benzo(k)fluoranthene	22.76	252	36377m	1.823	ng/ul	
90) Benzo(a)pyrene	23.29	252	98041	4.998	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.56	276	65469	2.874	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	56374	3.244	ng/ul#	89

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

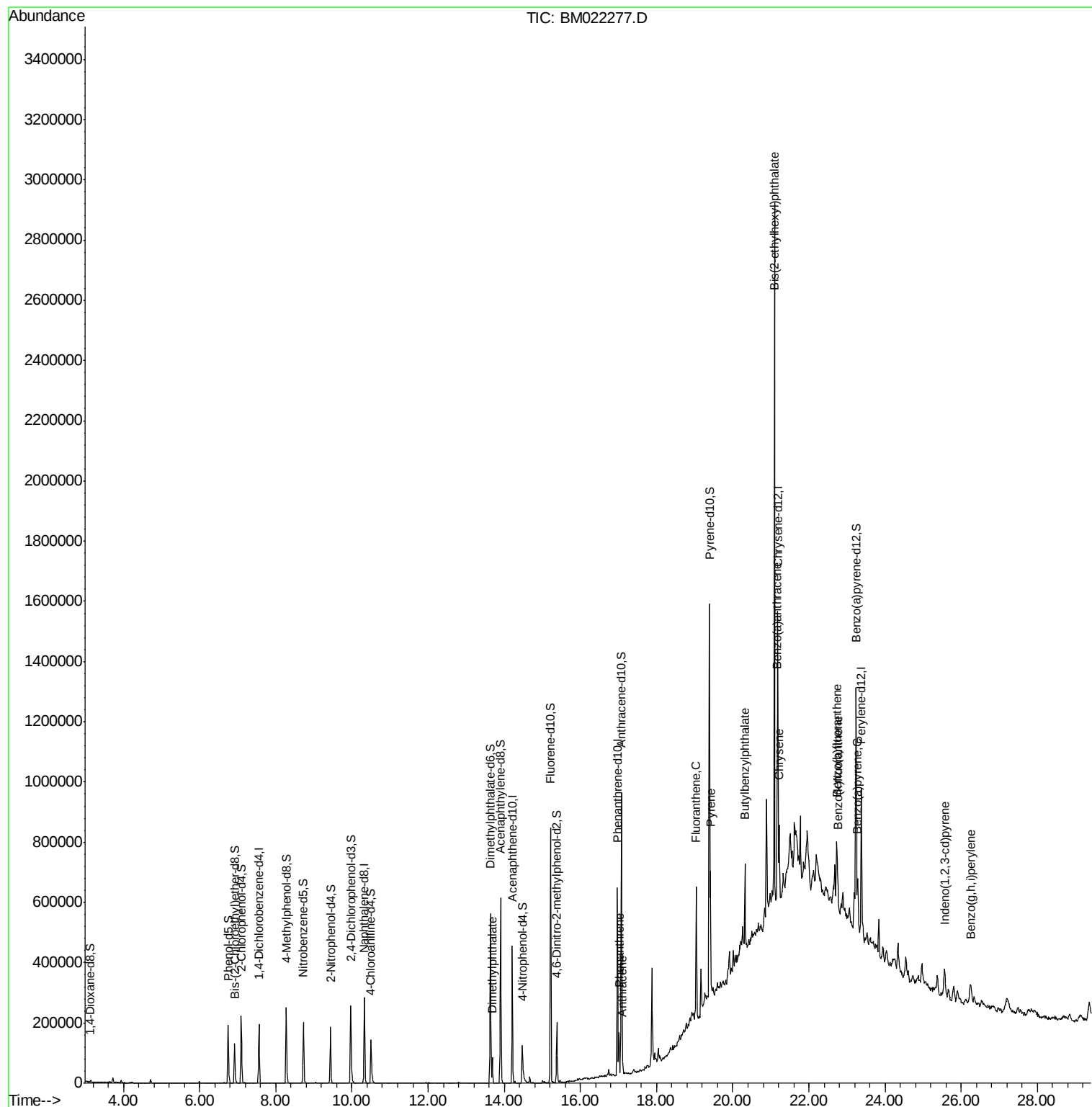
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022277.D
Acq On : 24 Aug 2019 04:09
Operator : HP/JU
Sample : K4242-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

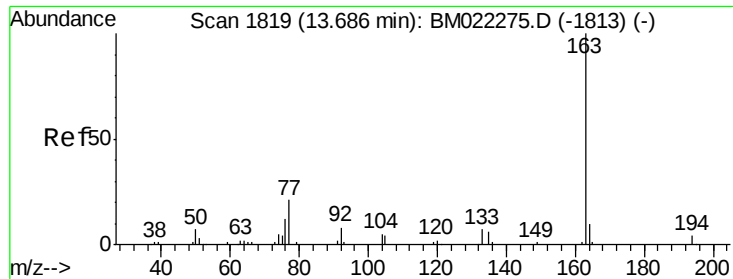
Instrument :
BNA_M
ClientSampled :
C0AF6

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 AM

Quant Time: Aug 24 06:16:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.830 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

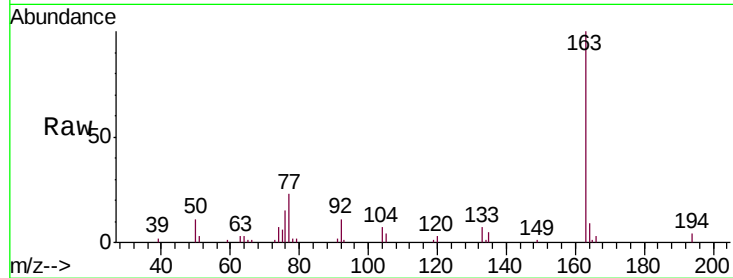
ClientSampleId :

C0AF6

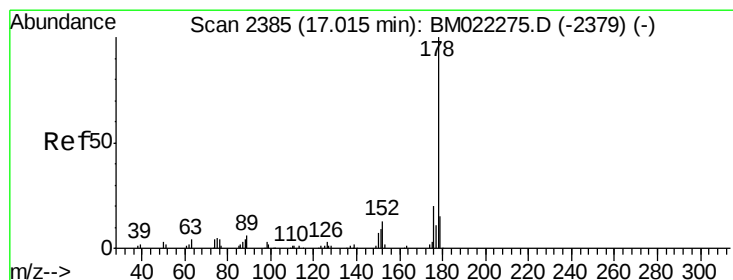
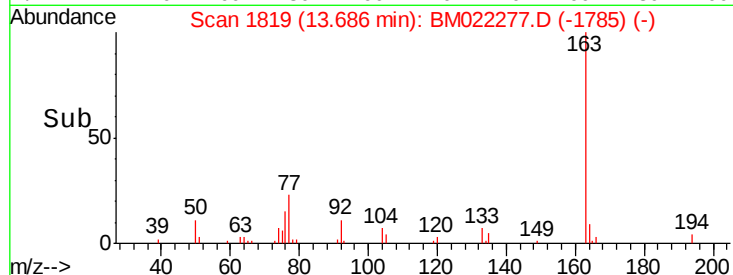
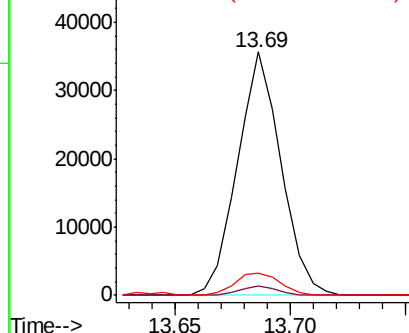
Tot Ion:	163	Resp:	46867
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.0	7.8	11.8

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 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: 3.746 ng/ul

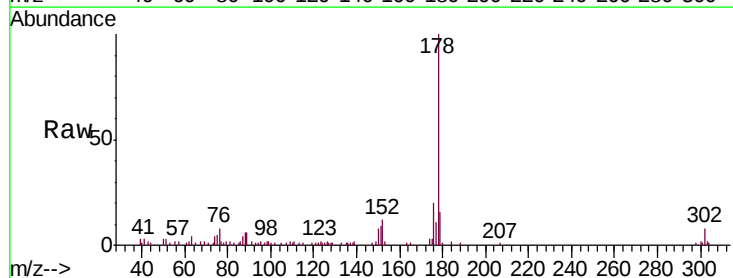
RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

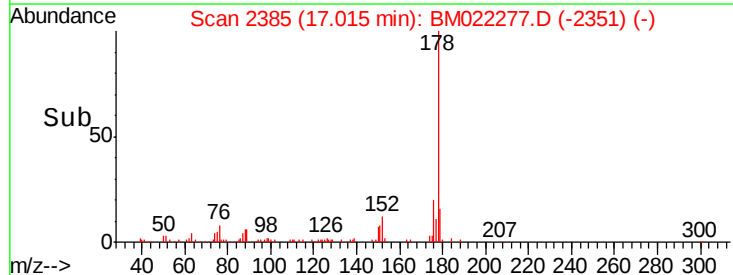
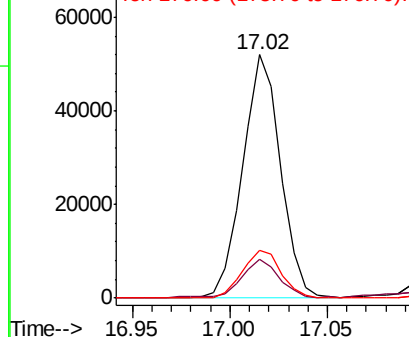
Lab File: BM022277.D

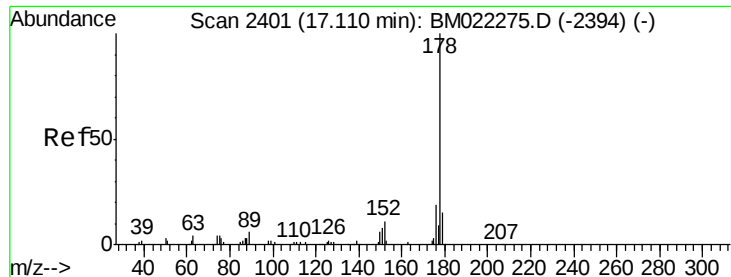
Acq: 24 Aug 2019 04:09

Tgt Ion:	178	Resp:	69719
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.4	18.6
176	19.6	15.4	23.0



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





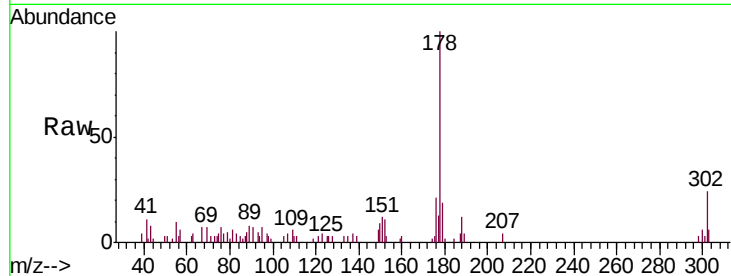
#71
 Anthracene
 Concen: 1.044 ng/ul m
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

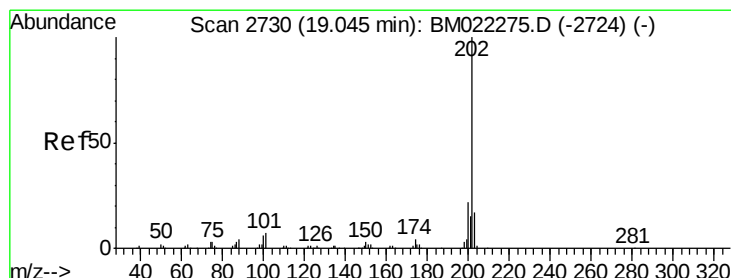
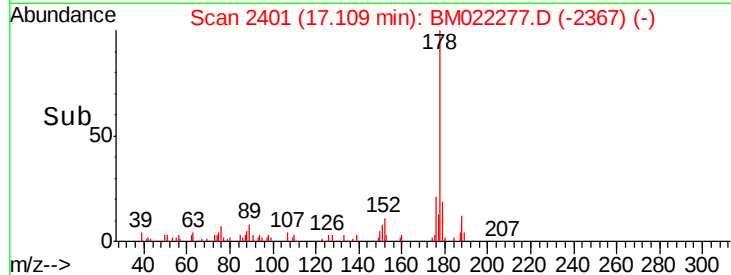
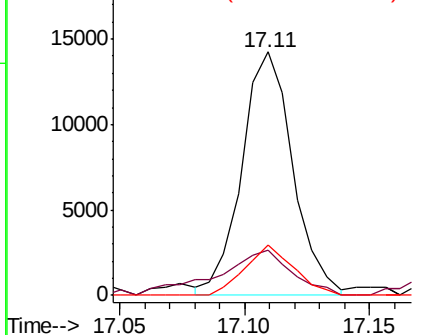
Tot Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.3	18.5#
176	20.9	15.5	23.3

Manual Integrations
 APPROVED

mohammad
 8/26/2019 8:30:04 AM



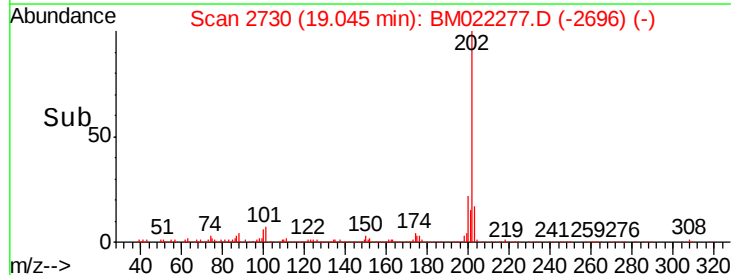
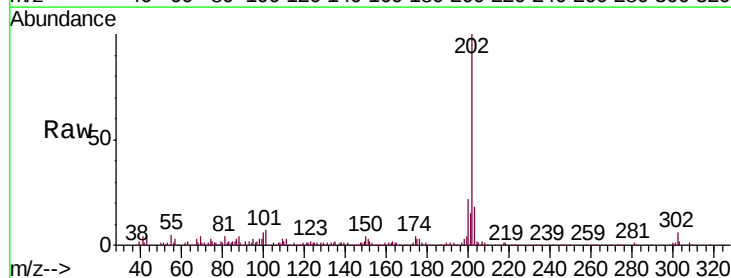
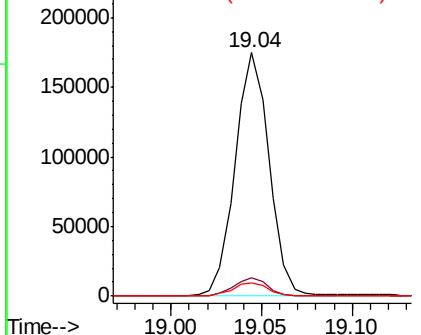
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

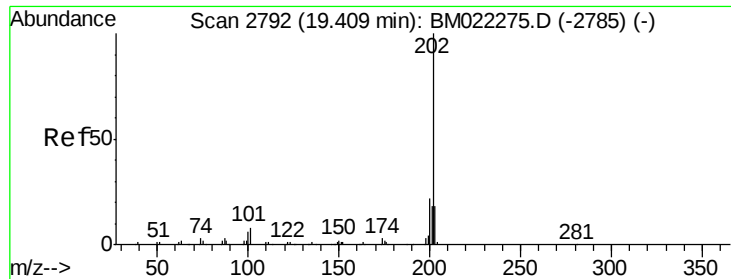


#76
 Fluoranthene
 Concen: 8.111 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.3	7.9
100	5.6	4.6	6.8

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





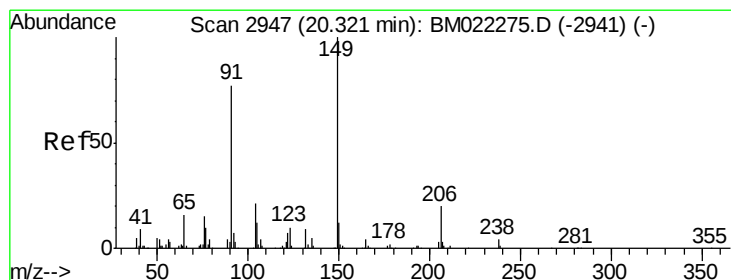
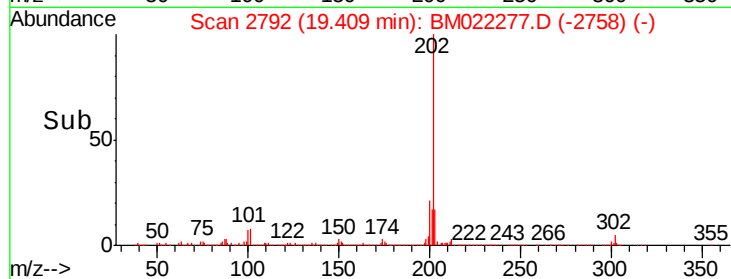
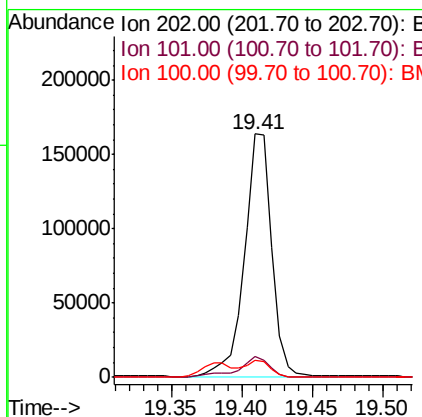
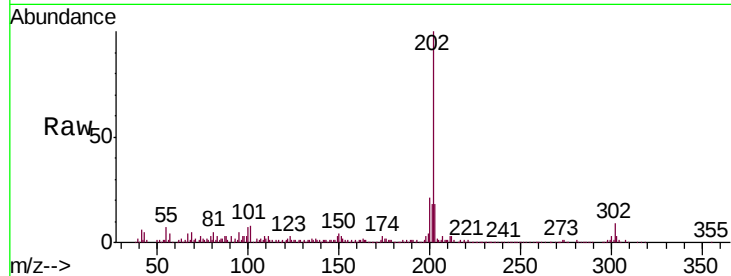
#79
Pvrene
Concen: 9.847 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion:	202	Resp:	221097
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.0	10.4
100	6.9	5.8	8.8

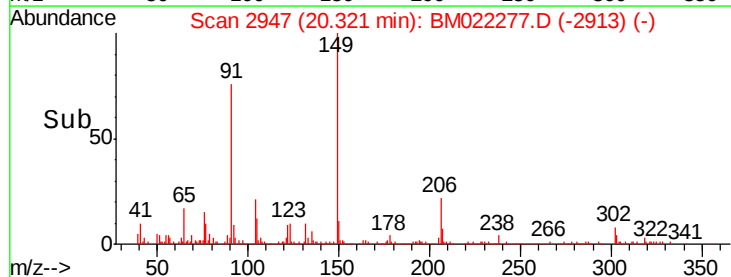
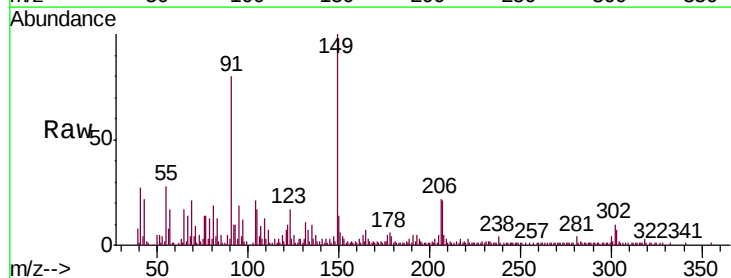
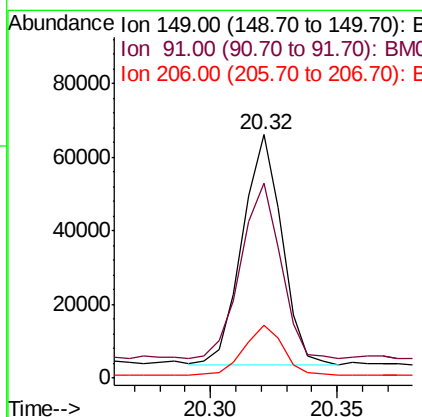
Manual Integrations
APPROVED

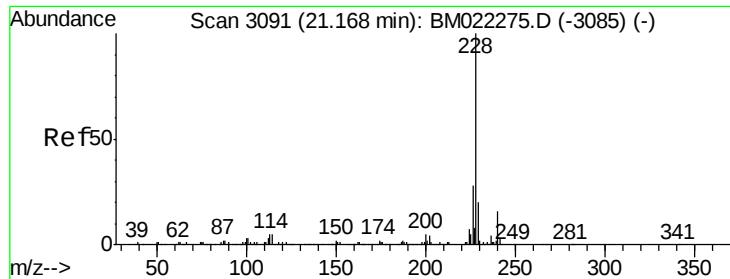
mohammad
8/26/2019 8:30:04 AM



#80
Butylbenzylphthalate
Concen: 7.109 ng/ul
RT: 20.32 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Tgt Ion:	149	Resp:	67555
Ion Ratio	Lower	Upper	
149	100		
91	80.2	61.8	92.8
206	21.6	16.6	25.0





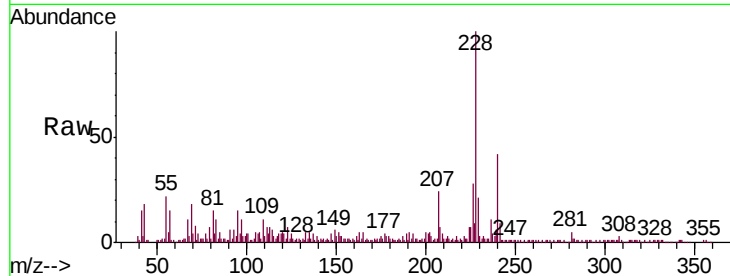
#82
Benzo(a)anthracene
Concen: 5.204 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
C0AF6

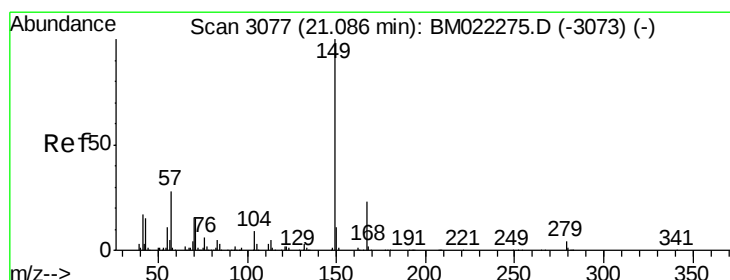
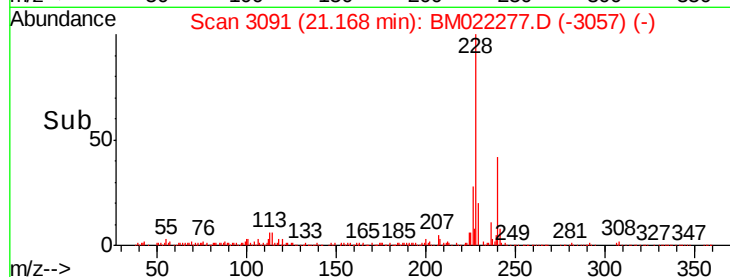
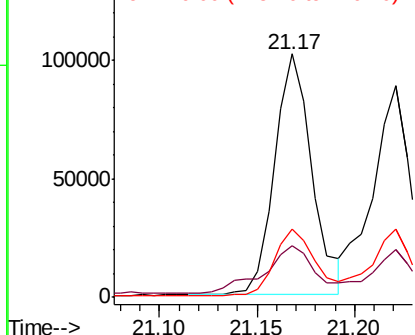
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	21.1	15.2	22.8		
226	28.2	22.3	33.5		

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 AM

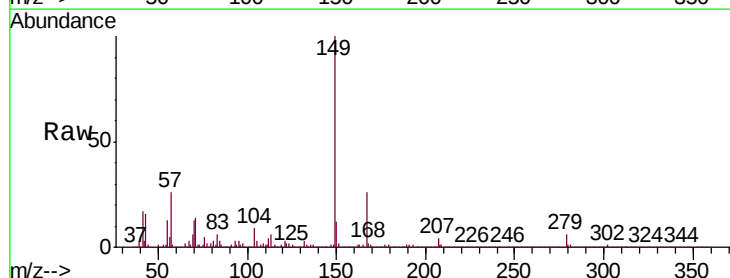


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

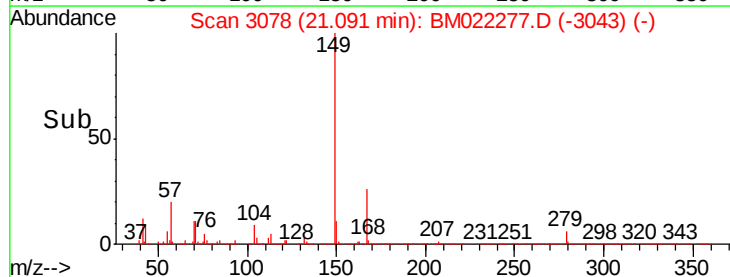
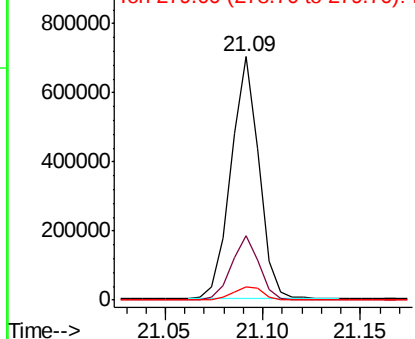


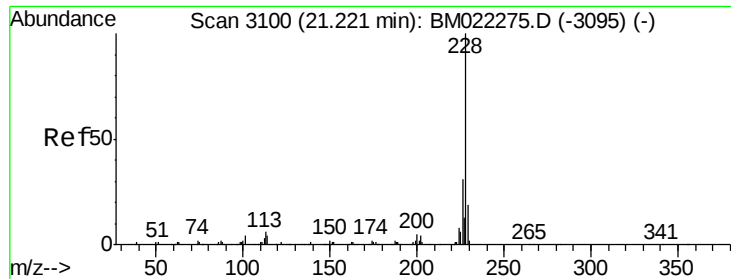
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.245 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	26.2	19.1	28.7		
279	5.7	3.3	4.9		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.951 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

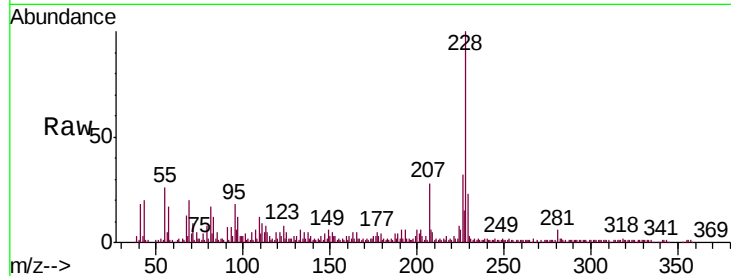
ClientSampled :

C0AF6

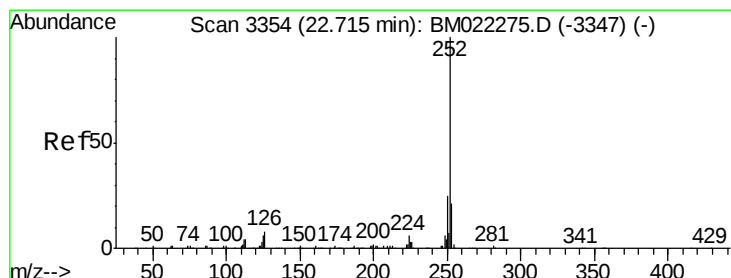
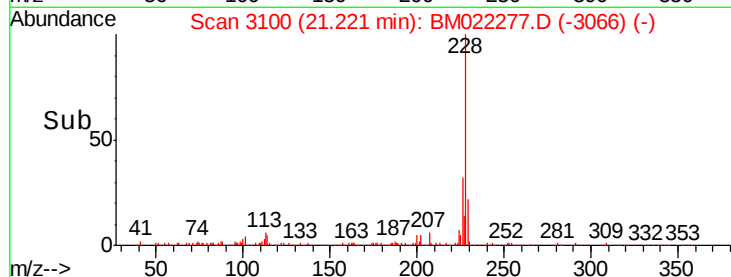
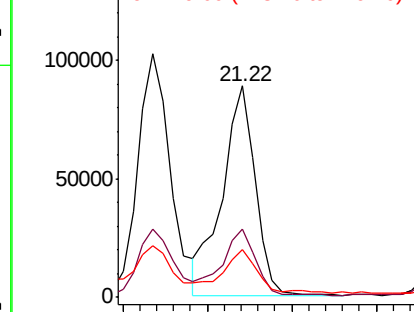
Tot Ion:	228	Resp:	120870
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.7	37.1
229	22.8	15.7	23.5

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 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



#87

Benzo(b)fluoranthene

Concen: 7.591 ng/ul

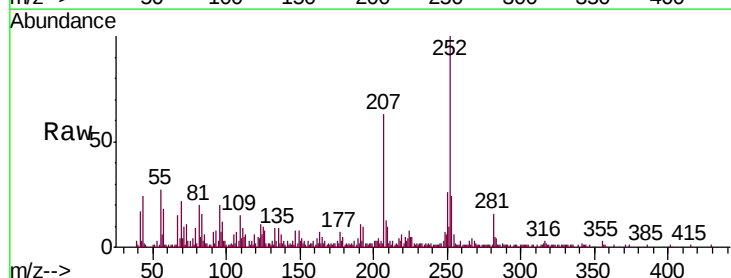
RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

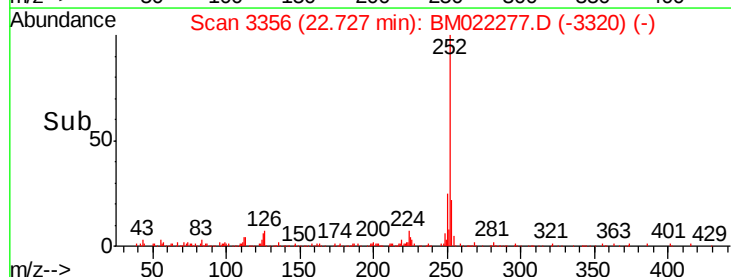
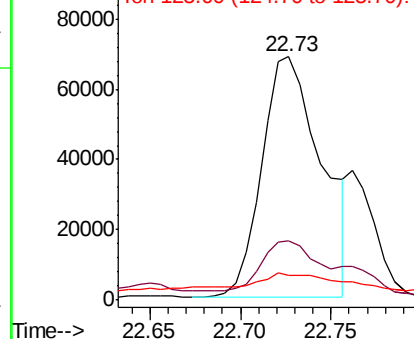
Lab File: BM022277.D

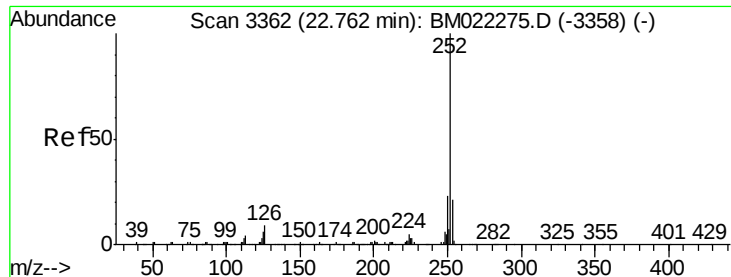
Acq: 24 Aug 2019 04:09

Tgt Ion:	252	Resp:	156215
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.0	25.6
125	10.2	5.2	7.8#



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





#88

Benzo(k)fluoranthene

Concen: 1.823 ng/ul m

RT: 22.76 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

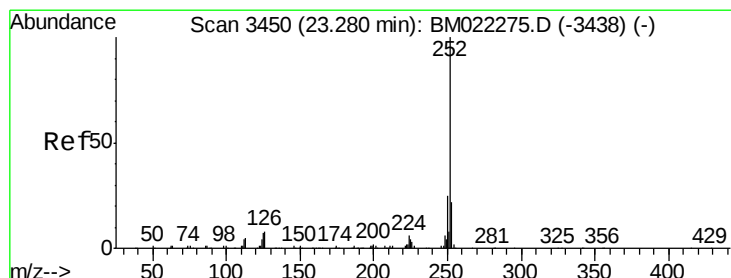
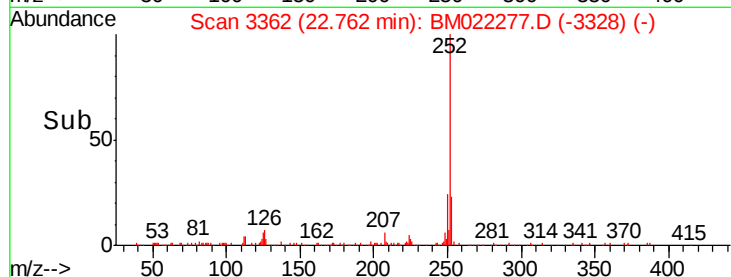
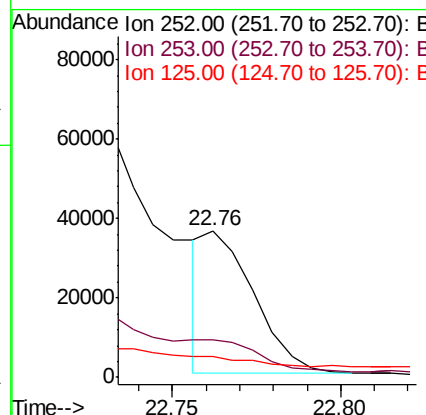
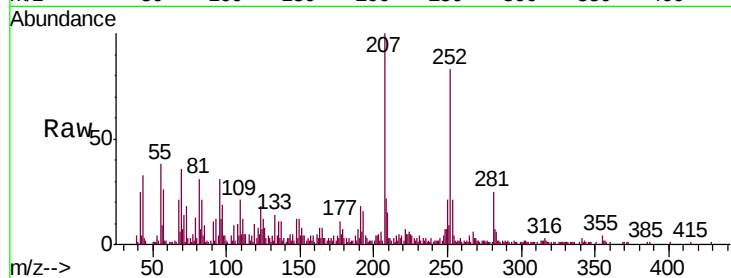
ClientSampleId :

C0AF6

Tot Ion:	252	Resp:	36377
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.1	27.1
125	13.8	5.1	7.7#

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 AM



#90

Benzo(a)pyrene

Concen: 4.998 ng/ul

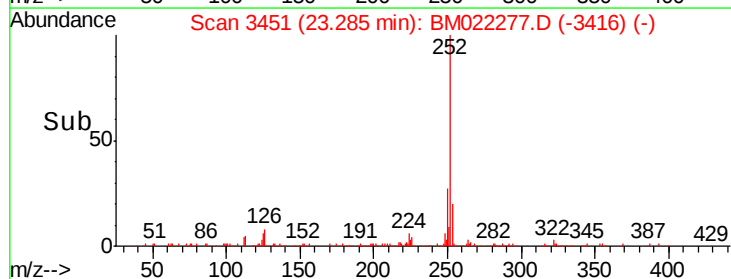
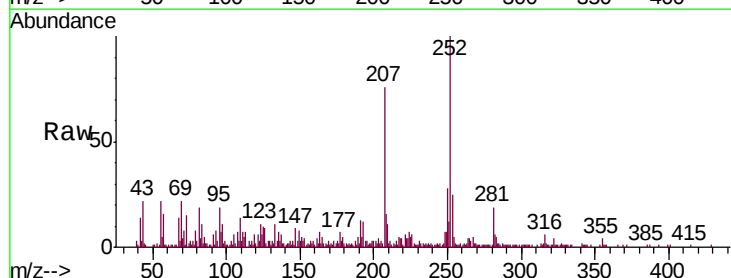
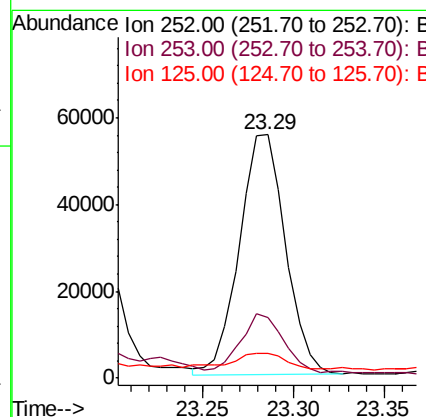
RT: 23.29 min Scan# 3451

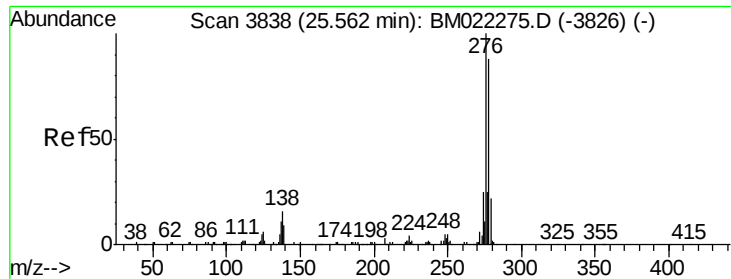
Delta R.T. 0.01 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Tgt Ion:	252	Resp:	98041
Ion Ratio	Lower	Upper	
252	100		
253	25.1	16.9	25.3
125	10.3	5.5	8.3#





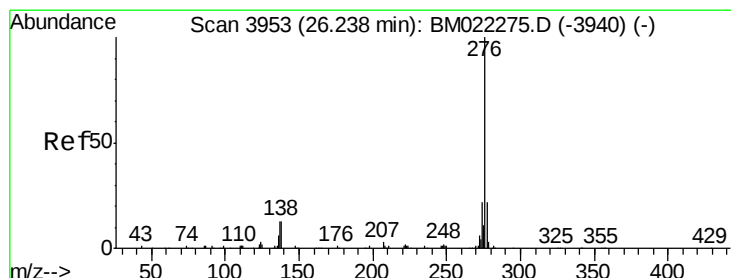
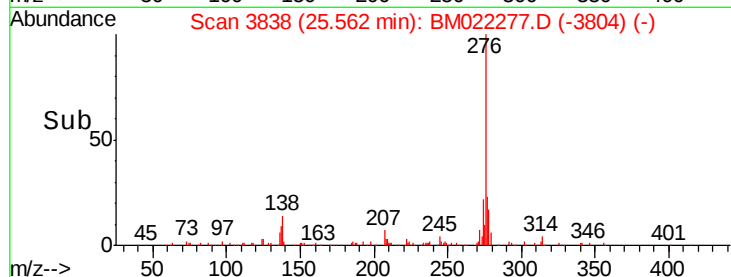
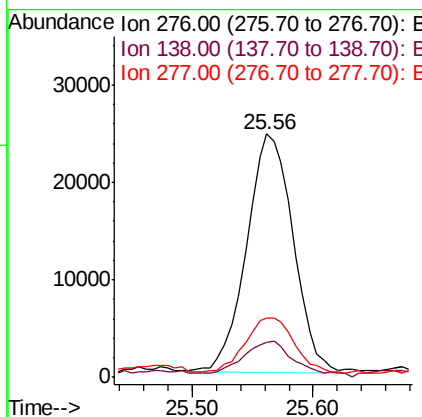
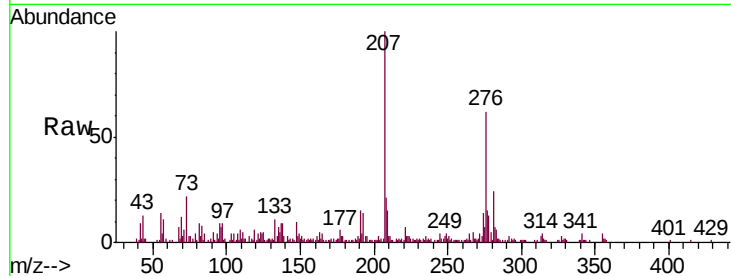
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.874 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.6	18.8
277	24.6	20.2	30.2

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:04 AM



#93
Benzo(g,h,i)perylene
Concen: 3.244 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. -0.00 min
Lab File: BM022277.D
Acq: 24 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	10.2	15.4#
277	27.6	18.2	27.4#

