

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
 Data File : BM026622.D
 Acq On : 30 Jun 2020 13:41
 Operator : JU/CG
 Sample : L3139-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

mohammad
 7/1/2020 8:10:16 AM

Quant Time: Jun 30 14:16:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 30 12:25:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	80596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	332028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	202914	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	432914	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	362215	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	352757	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	8271	3.08	ng/uL	0.00
5) Phenol-d5	6.56	99	203525	27.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	136239	27.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	152299	26.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	170669	28.91	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	77769	29.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	83953	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	168568	30.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	110594	19.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	538622	33.27	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	645926	33.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	68535	29.34	ng/ul	0.00
58) Fluorene-d10	15.02	176	497130	35.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	71178	26.32	ng/ul	0.00
71) Anthracene-d10	16.87	188	770526	36.14	ng/ul	0.00
79) Pyrene-d10	19.18	212	791927	42.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	713991	37.50	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.49	163	91111	5.378	ng/ul 100
48) Acenaphthylene	13.73	152	27612	1.318	ng/ul 98
70) Phenanthrene	16.82	178	178363	6.616	ng/ul 97
72) Anthracene	16.90	178	44561	1.638	ng/ul 98
77) Fluoranthene	18.84	202	509558	18.273	ng/ul 98
80) Pyrene	19.21	202	465520	18.135	ng/ul 100
83) Benzo(a)anthracene	20.97	228	258609	10.372	ng/ul 94
85) Chrysene	21.02	228	269847	10.909	ng/ul 97
88) Benzo(b)fluoranthene	22.46	252	353808	14.766	ng/ul 93
89) Benzo(k)fluoranthene	22.50	252	127873m	5.385	ng/ul
91) Benzo(a)pyrene	22.98	252	234384	11.026	ng/ul# 93
92) Indeno(1,2,3-cd)pyrene	25.09	276	176590	6.366	ng/ul 96
93) Dibenzo(a,h)anthracene	25.09	278	50243	2.150	ng/ul# 75
94) Benzo(g,h,i)perylene	25.70	276	102110	4.413	ng/ul 93

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

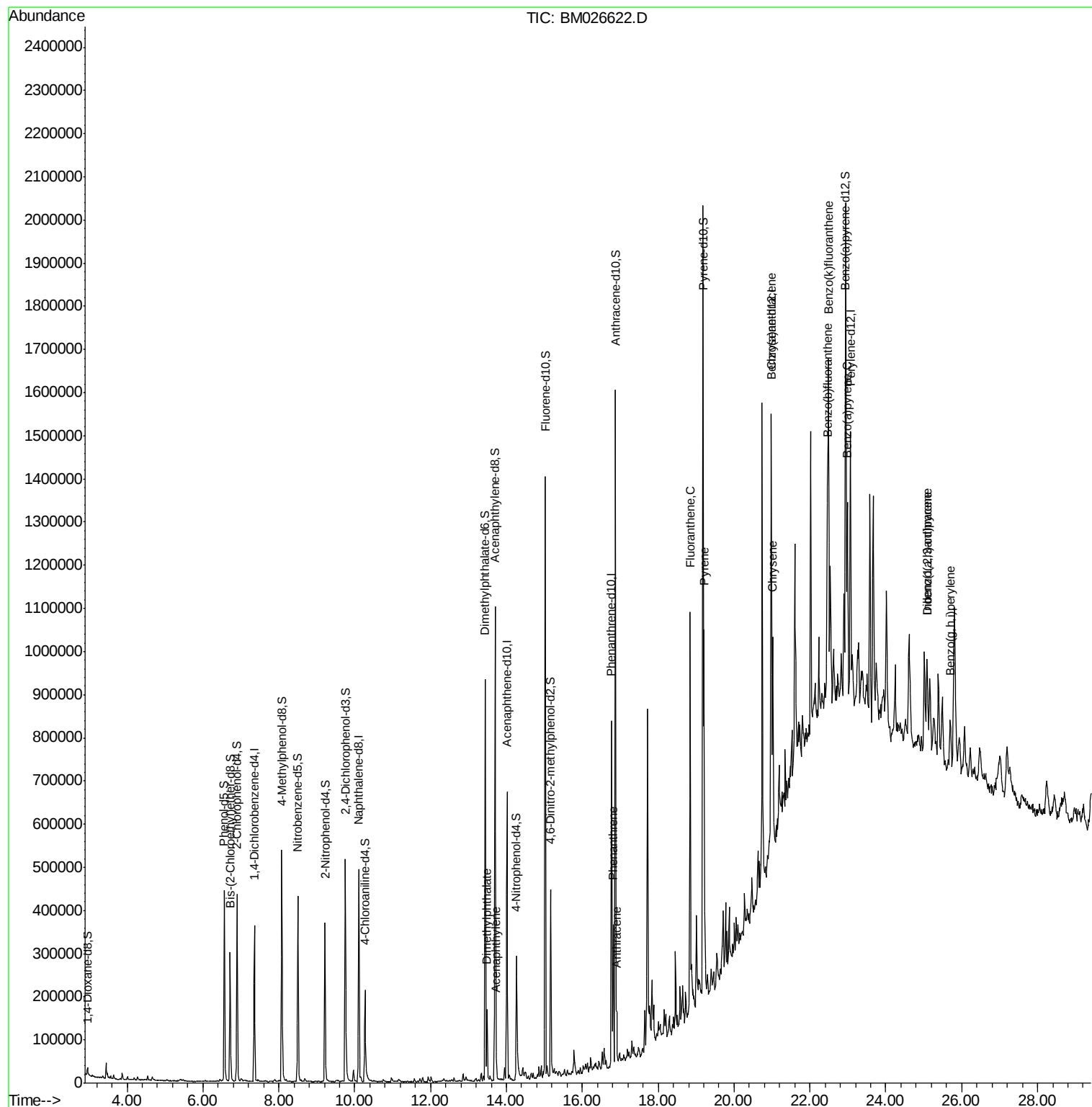
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
Data File : BM026622.D
Acq On : 30 Jun 2020 13:41
Operator : JU/CG
Sample : L3139-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

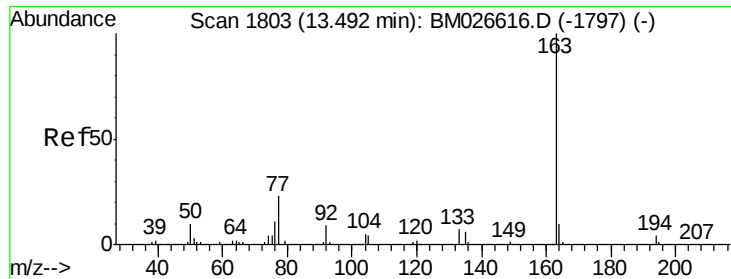
Instrument :
BNA_M
ClientSampled :
C0AA2

Manual Integrations
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mohammad
7/1/2020 8:10:16 AM

Quant Time: Jun 30 14:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 12:25:44 2020
Response via : Initial Calibration





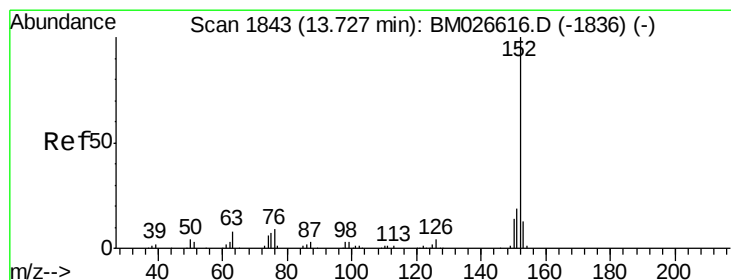
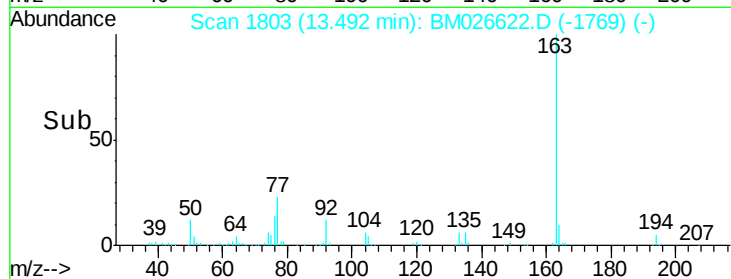
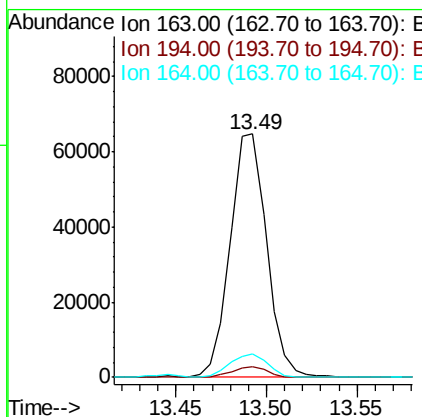
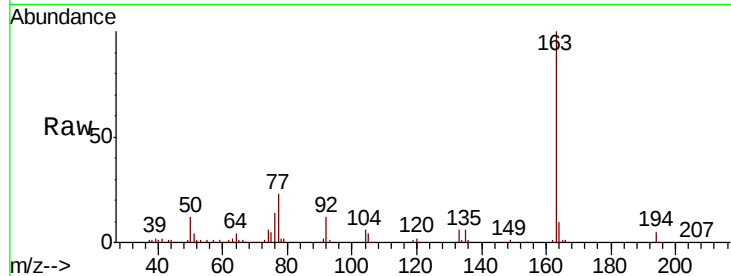
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Dimethylphthalate
Concen: 5.378 ng/ul
RT: 13.49 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.9	7.8	11.6

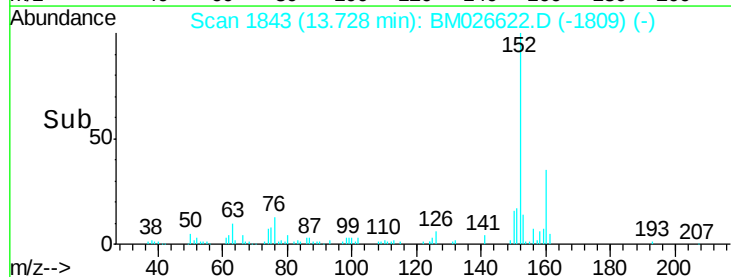
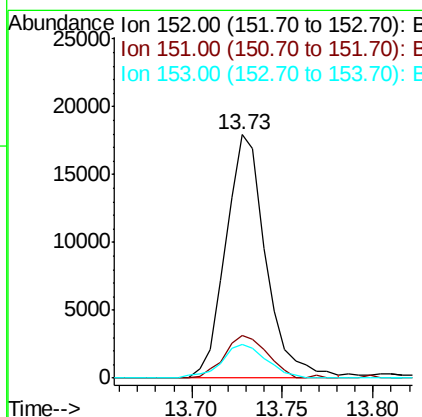
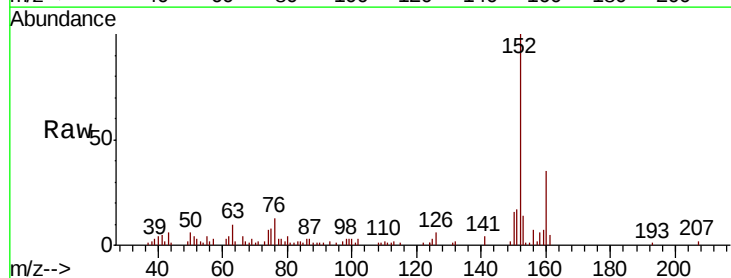
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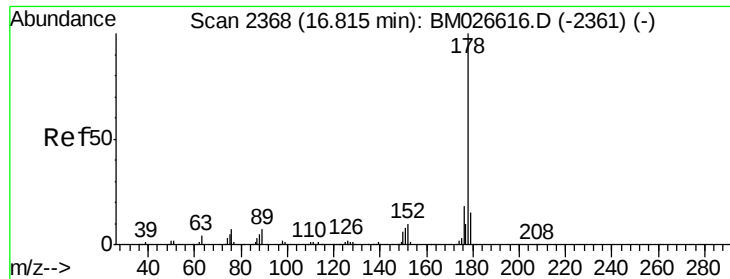
mohammad
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#48
Acenaphthylene
Concen: 1.318 ng/ul
RT: 13.73 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.0	22.6
153	13.7	10.6	16.0





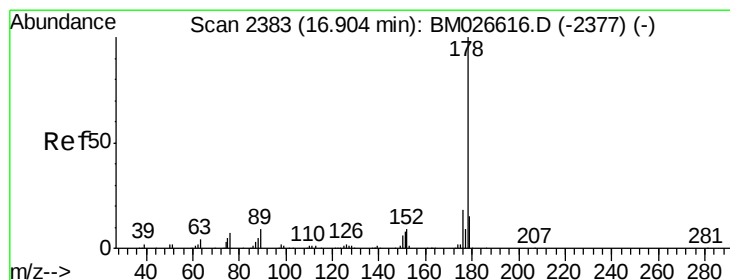
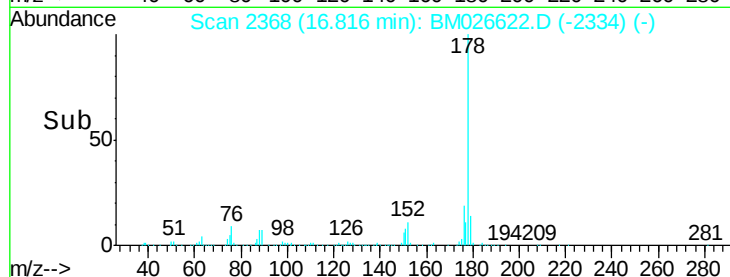
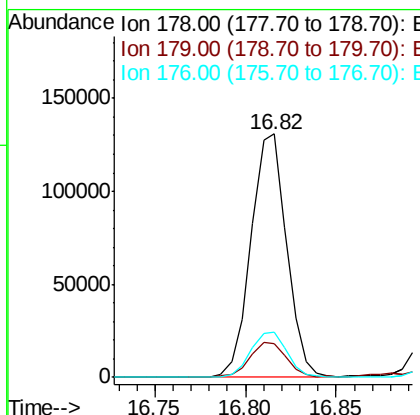
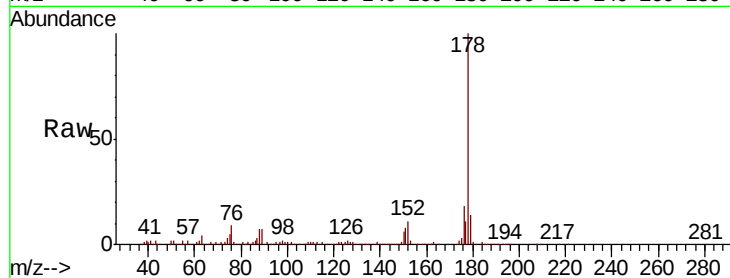
#70
Phenanthrene
Concen: 6.616 ng/ul
RT: 16.82 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.7	12.4	18.6
176	18.5	14.3	21.5

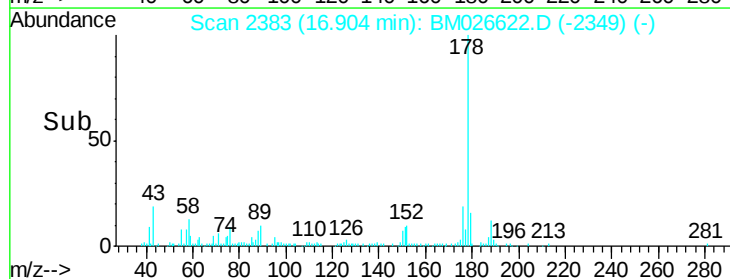
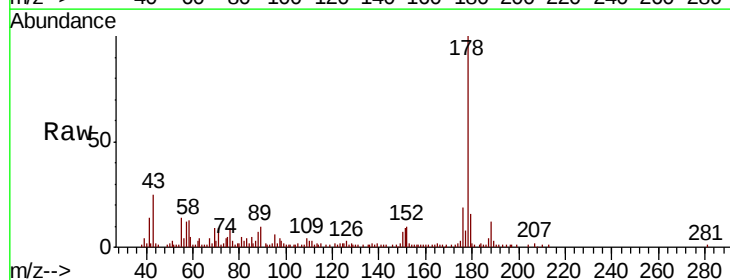
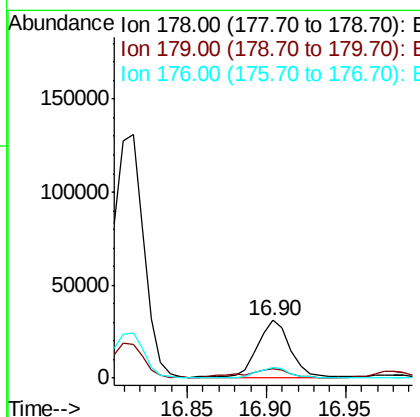
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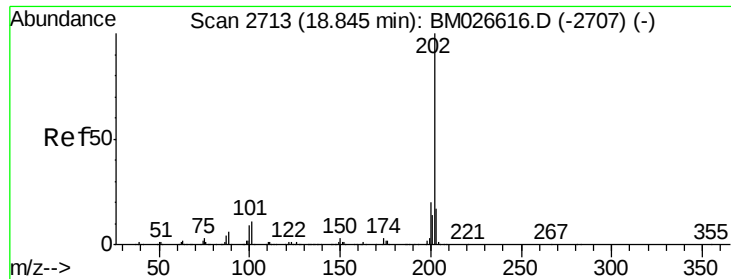
mohammad
7/1/2020 8:10:16 AM



#72
Anthracene
Concen: 1.638 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.6
176	18.9	14.7	22.1





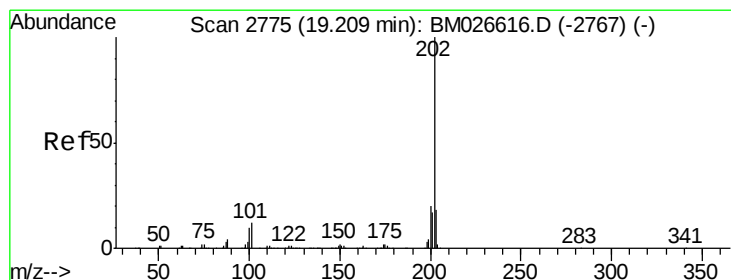
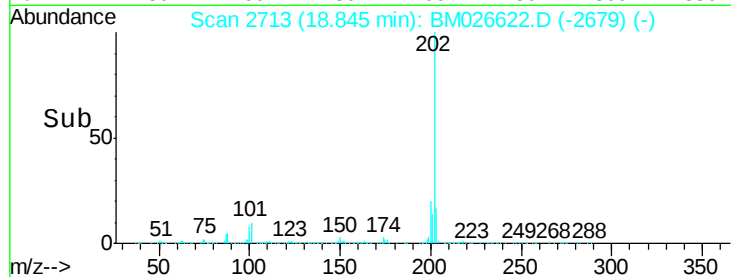
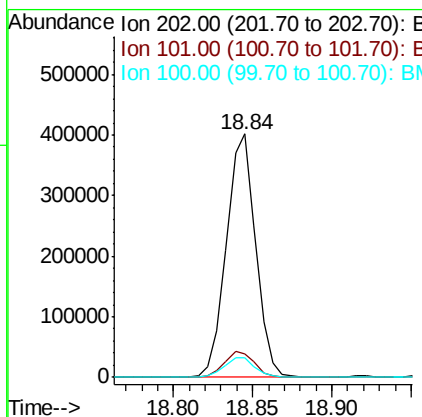
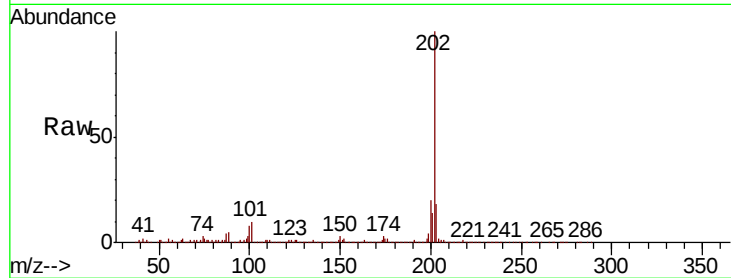
#77
 Fluoranthene
 Concen: 18.273 ng/ul
 RT: 18.84 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: BM026622.D
 Acq: 30 Jun 2020 13:41

Instrument :
 BNA_M
 ClientSampled :
 C0AA2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	509558		
101	9.8		8.5	12.7
100	8.2		6.9	10.3

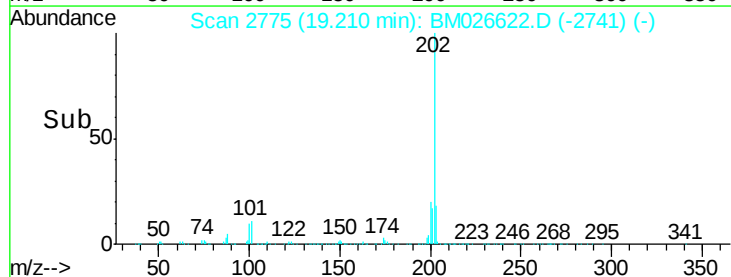
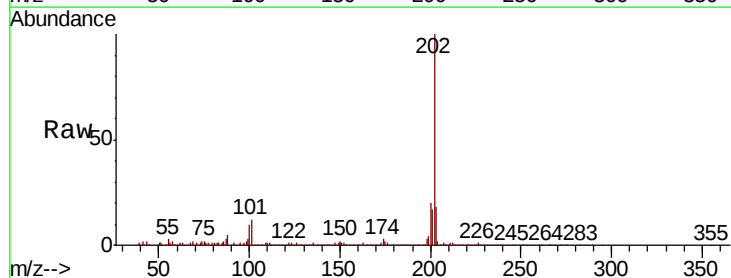
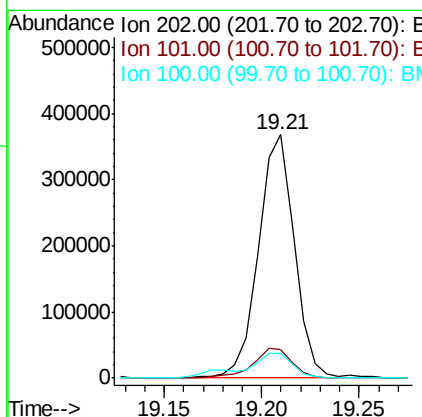
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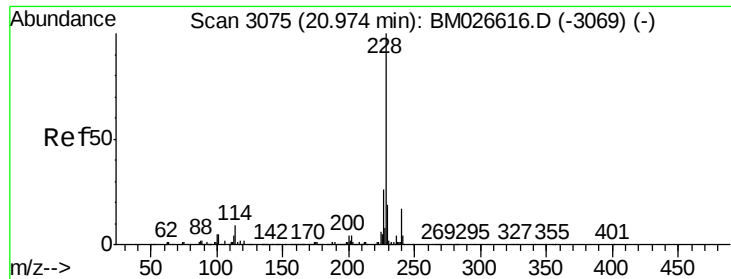
mohammad
 7/1/2020 8:10:16 AM



#80
 Pyrene
 Concen: 18.135 ng/ul
 RT: 19.21 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: BM026622.D
 Acq: 30 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	465520		
101	11.7		9.4	14.2
100	10.2		8.0	12.0





#83

Benzo(a)anthracene

Concen: 10.372 ng/ul

RT: 20.97 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Instrument :

BNA_M

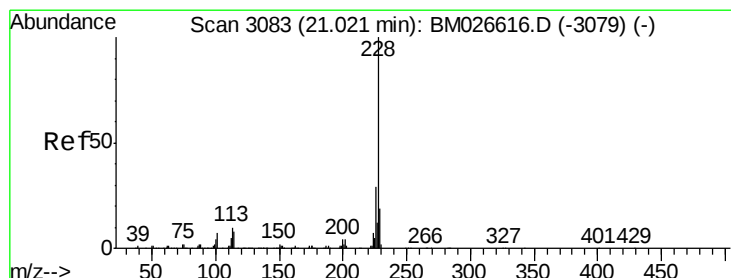
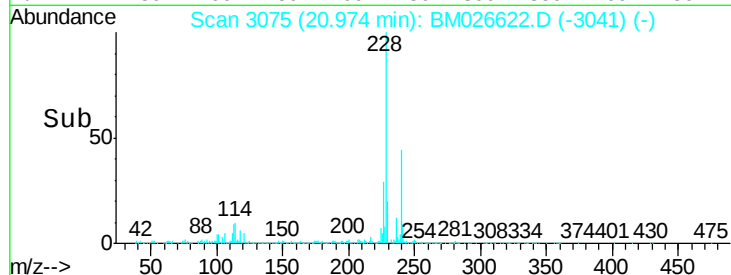
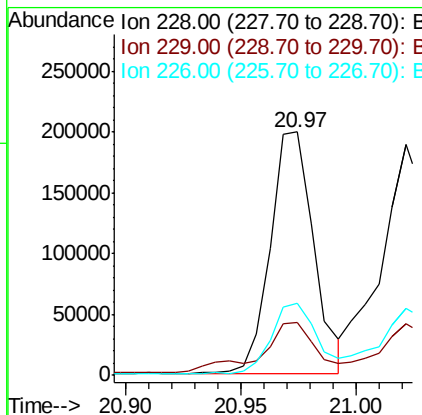
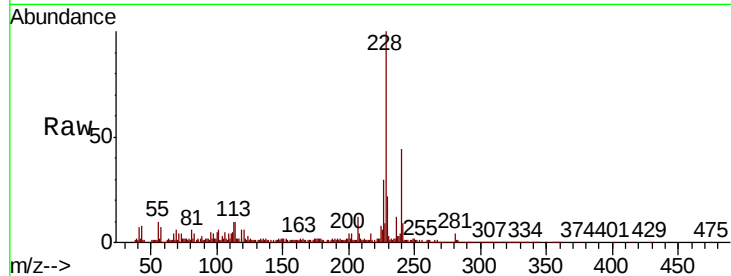
ClientSampled :

C0AA2

Tot Ion:	228	Resp:	258609
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.4	23.0
226	29.5	21.2	31.8

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#85

Chrysene

Concen: 10.909 ng/ul

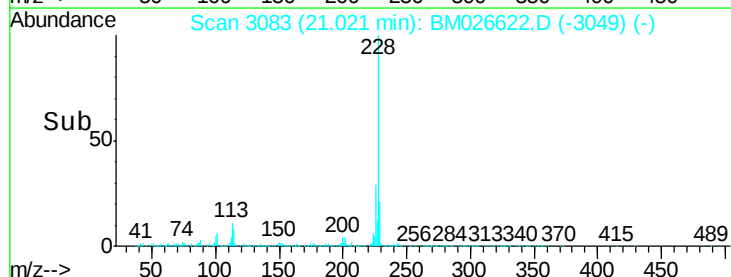
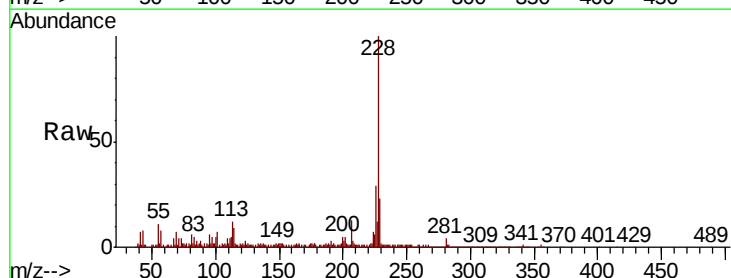
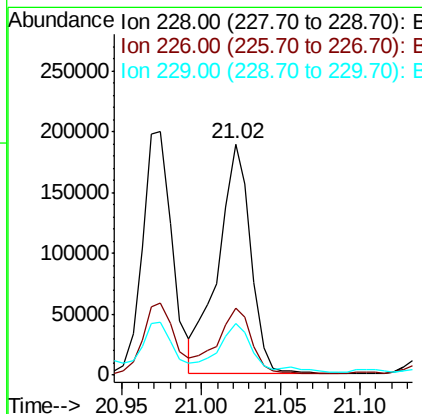
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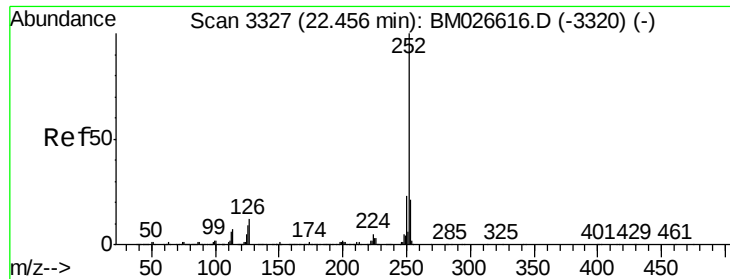
Delta R.T. 0.00 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Tgt Ion:	228	Resp:	269847
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.0	34.6
229	22.6	15.5	23.3





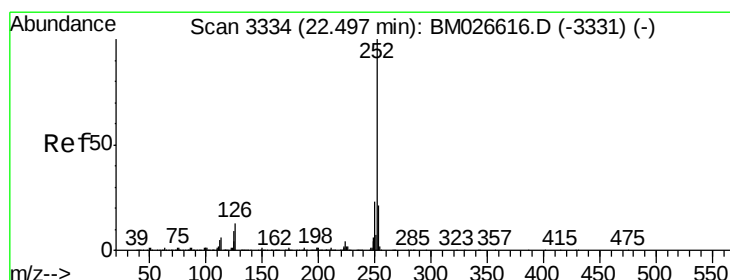
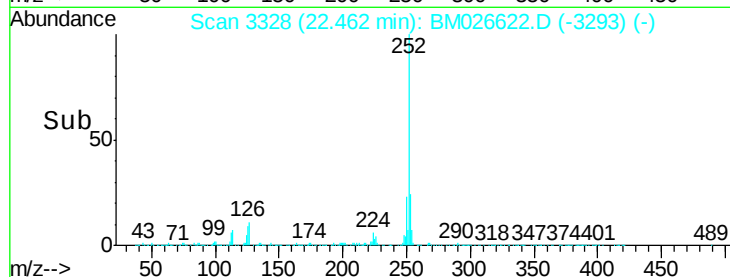
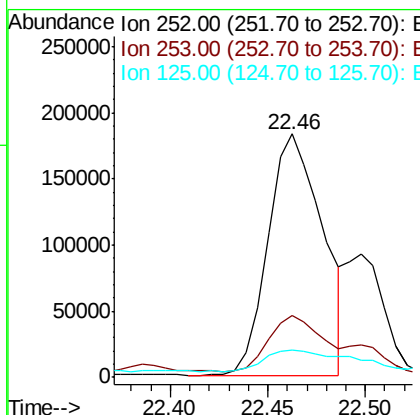
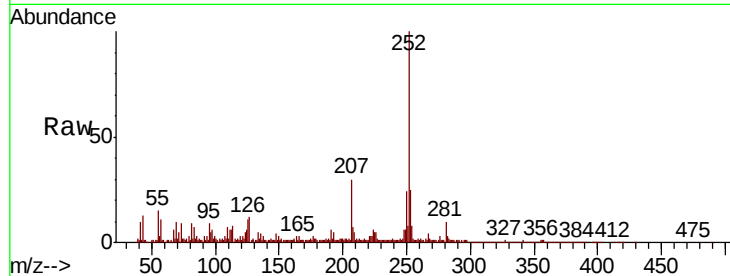
#88
Benzo(b)fluoranthene
Concen: 14.766 ng/ul
RT: 22.46 min Scan# 3328
Delta R.T. 0.01 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Instrument :
BNA_M
ClientSampled :
C0AA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	11.2	7.6	11.4

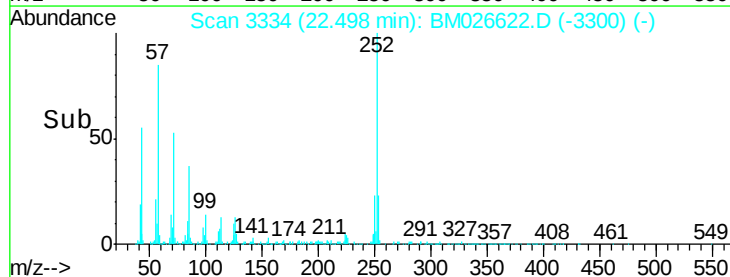
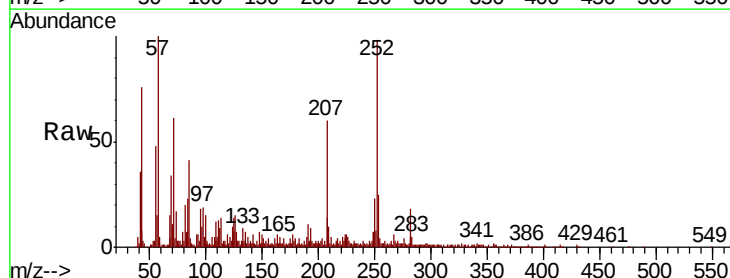
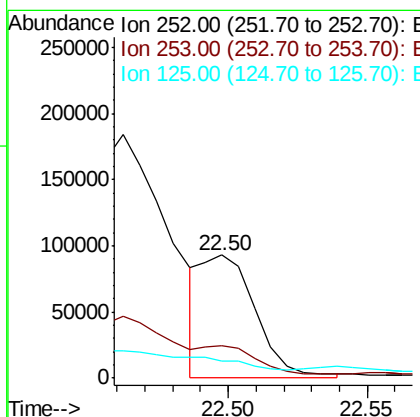
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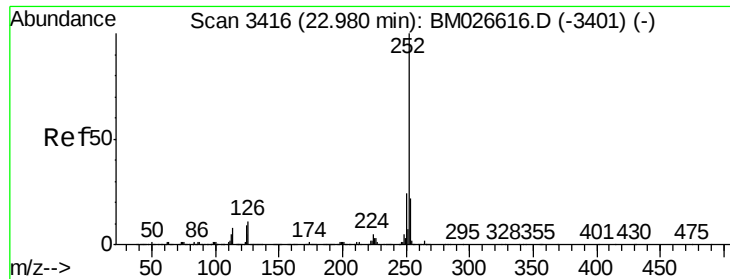
mohammad
7/1/2020 8:10:16 AM



#89
Benzo(k)fluoranthene
Concen: 5.385 ng/ul m
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM026622.D
Acq: 30 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	14.2	7.7	11.5#





#91

Benzo(a)pyrene

Concen: 11.026 ng/ul

RT: 22.98 min Scan# 3416

Delta R.T. 0.00 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Instrument :

BNA_M

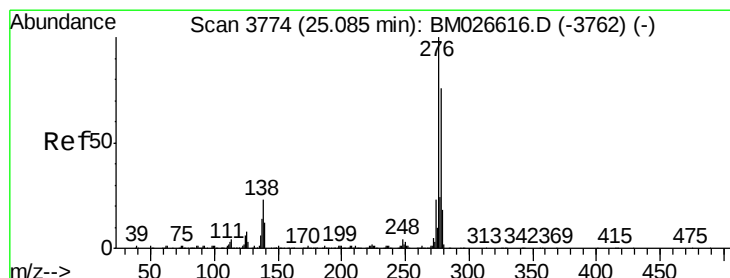
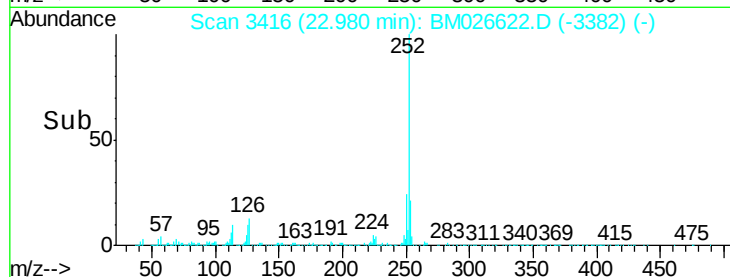
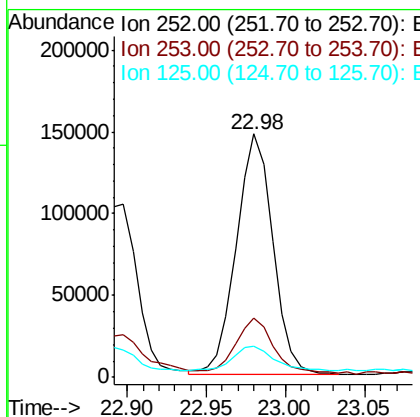
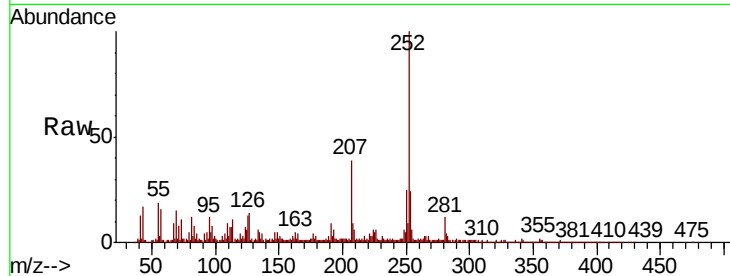
ClientSampleId :

C0AA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	12.9	7.5	11.3

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#92

Indeno(1,2,3-cd)pyrene

Concen: 6.366 ng/ul

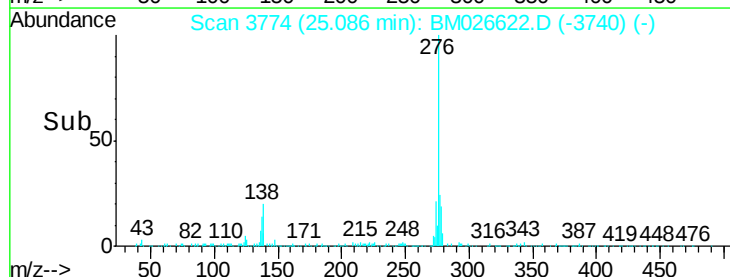
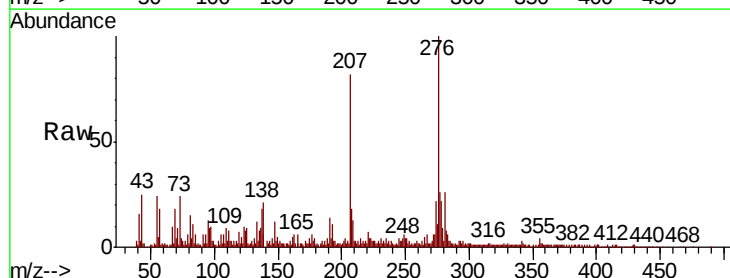
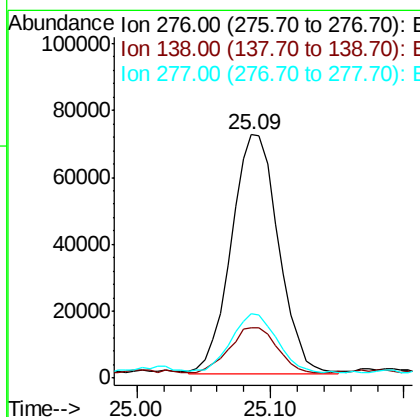
RT: 25.09 min Scan# 3774

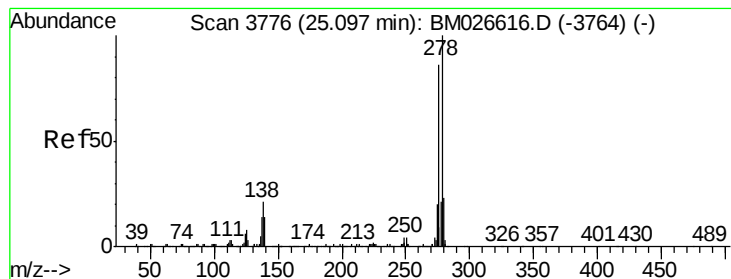
Delta R.T. 0.00 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.2	27.4
277	26.4	19.5	29.3





#93

Dibenzo(a,h)anthracene

Concen: 2.150 ng/ul

RT: 25.09 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Instrument :

BNA_M

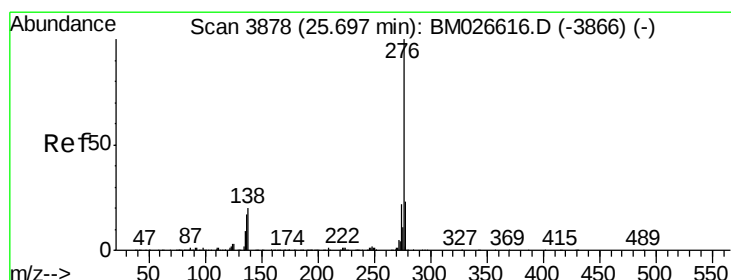
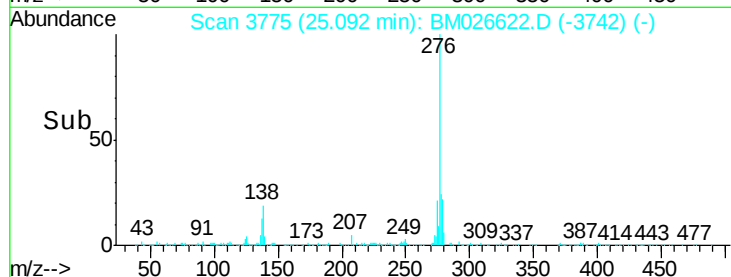
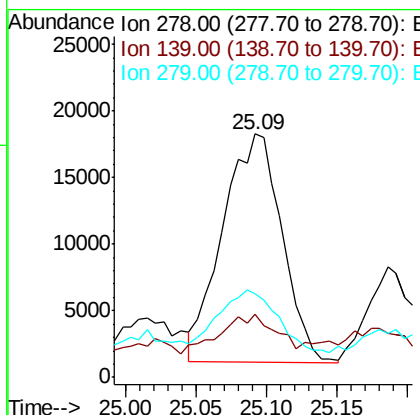
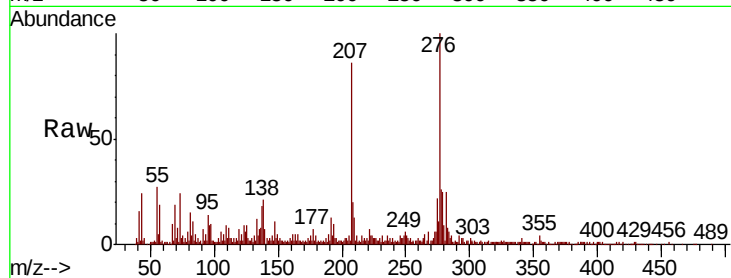
ClientSampleId :

C0AA2

Tot Ion:	278	Resp:	50243
Ion Ratio	Lower	Upper	
278	100		
139	25.7	11.4	17.2#
279	34.6	18.6	28.0#

Manual Integrations
APPROVED

mohammad
7/1/2020 8:10:16 AM



#94

Benzo(g,h,i)perylene

Concen: 4.413 ng/ul

RT: 25.70 min Scan# 3879

Delta R.T. 0.01 min

Lab File: BM026622.D

Acq: 30 Jun 2020 13:41

Tgt Ion:	276	Resp:	102110
Ion Ratio	Lower	Upper	
276	100		
138	22.3	15.6	23.4
277	27.0	18.6	27.8

