

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027088.D
 Acq On : 14 Aug 2020 14:51
 Operator : JU/CG
 Sample : L3630-06DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM73DL

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:18:44 AM

Quant Time: Aug 14 15:41:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	115821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	417217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	252426	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	549211	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	654072	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	683008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	1754	0.69	ng/uL	0.01
5) Phenol-d5	6.82	99	32579	3.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	23553	3.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	26888	3.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	24884	3.54	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	11782	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	10961	3.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	26534	3.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	22794	2.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	82997	4.12	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	99210	4.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	3848	1.13	ng/ul	0.00
58) Fluorene-d10	15.27	176	72896	4.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	4026	1.34	ng/ul	0.00
71) Anthracene-d10	17.12	188	116533	4.31	ng/ul	0.00
79) Pyrene-d10	19.42	212	138042	4.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	161973	4.25	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.46	128	27561	1.188	ng/ul#	93
50) Acenaphthene	14.33	153	62590	3.621	ng/ul	97
54) Dibenzofuran	14.67	168	70738	2.860	ng/ul	95
59) Fluorene	15.32	166	67717	3.272	ng/ul	96
70) Phenanthrene	17.06	178	851344	25.856	ng/ul	99
72) Anthracene	17.15	178	226489	6.760	ng/ul	99
75) Carbazole	17.42	167	91410	3.232	ng/ul	98
77) Fluoranthene	19.08	202	948830	23.765	ng/ul	99
80) Pyrene	19.44	202	809439	18.232	ng/ul	99
83) Benzo(a)anthracene	21.20	228	529489	12.025	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	40791	1.655	ng/ul	94
85) Chrysene	21.25	228	454232	10.509	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	573063	12.083	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	205965m	4.382	ng/ul	
91) Benzo(a)pyrene	23.32	252	420884	9.751	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.60	276	252337	4.537	ng/ul	98
93) Dibenzo(a,h)anthracene	25.61	278	77645	1.648	ng/ul#	87
94) Benzo(g,h,i)perylene	26.27	276	169649	3.693	ng/ul	99

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

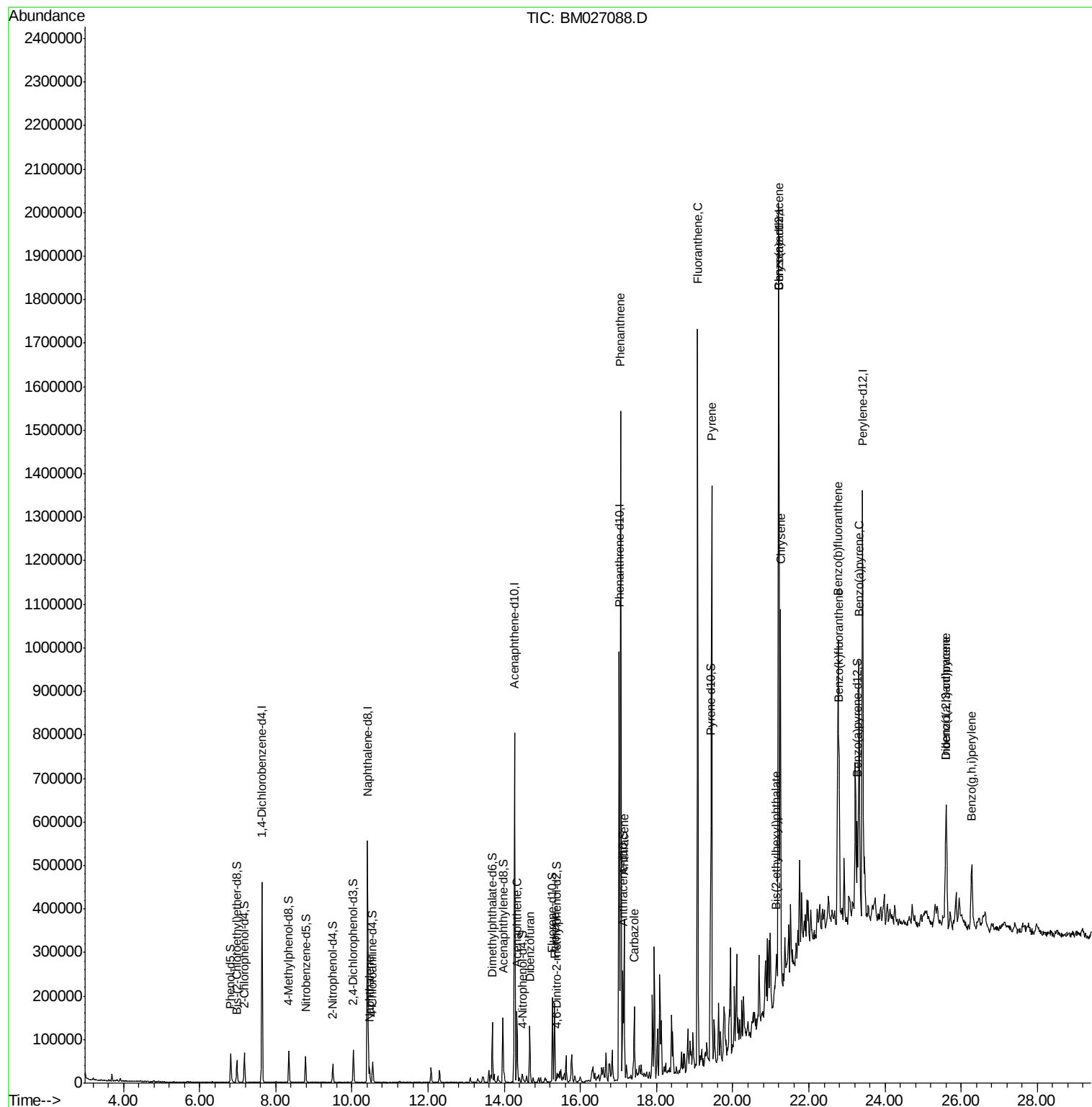
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027088.D
Acq On : 14 Aug 2020 14:51
Operator : JU/CG
Sample : L3630-06DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

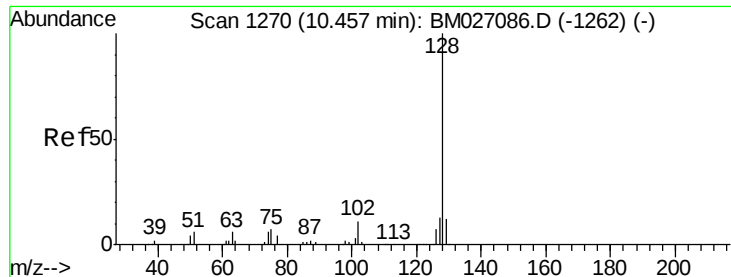
Instrument :
BNA_M
ClientSampleId :
BFM73DL

Manual Integrations
APPROVED

mohammad
8/19/2020 8:18:44 AM

Quant Time: Aug 14 15:41:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration





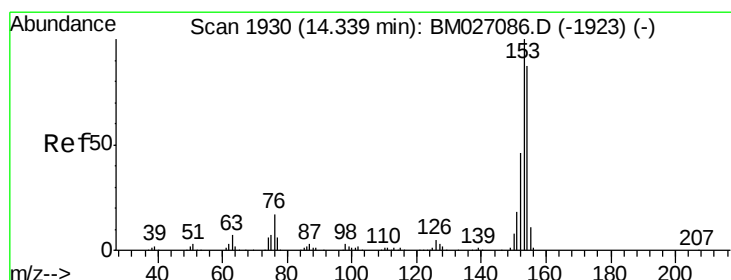
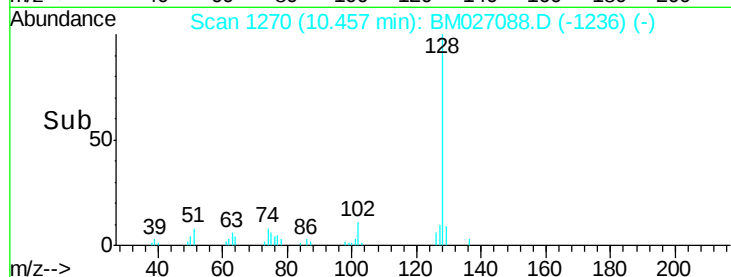
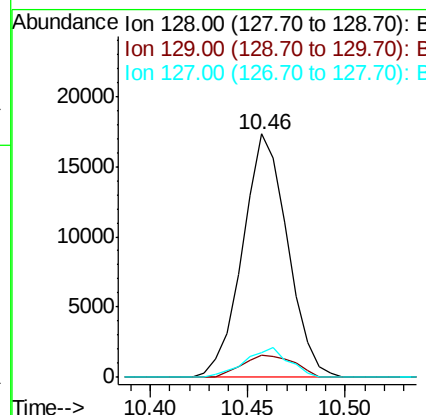
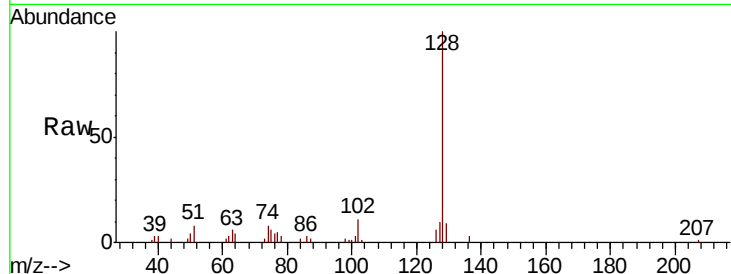
#28
Naphthalene
Concen: 1.188 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.0	13.6#
127	9.9	10.5	15.7#

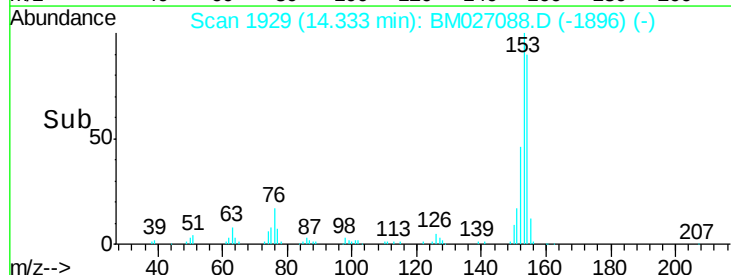
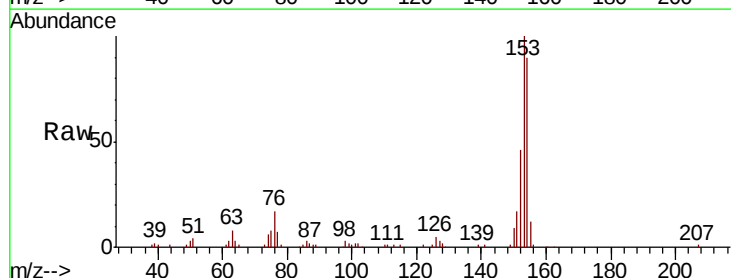
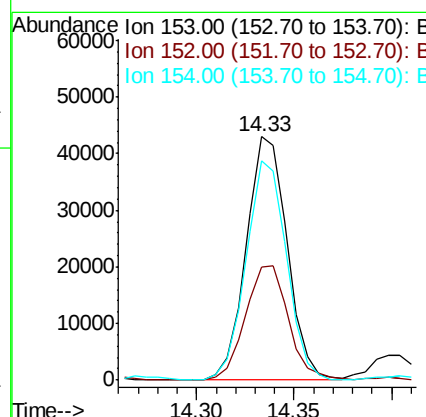
Manual Integrations
APPROVED

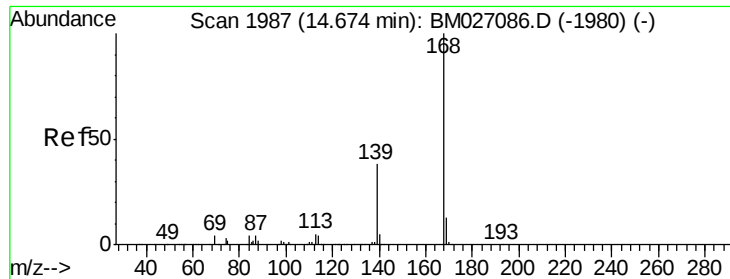
mohammad
8/19/2020 8:18:44 AM



#50
Acenaphthene
Concen: 3.621 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.3	35.9	53.9
154	90.1	69.4	104.0





#54

Dibenzenofuran

Concen: 2.860 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

Instrument :

BNA_M

ClientSampled :

BFM73DL

Tot Ion:168 Resp: 70738

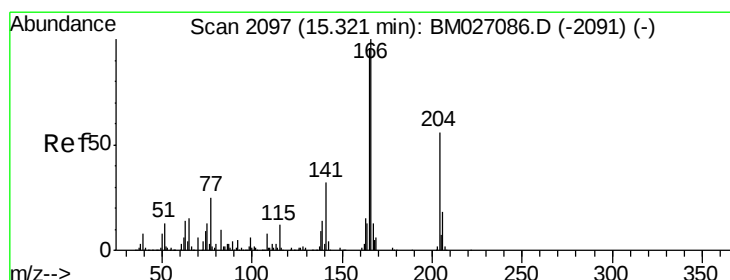
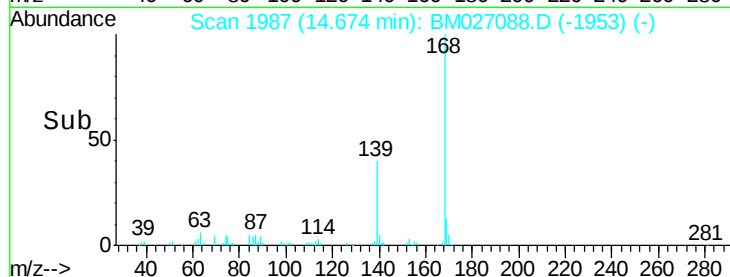
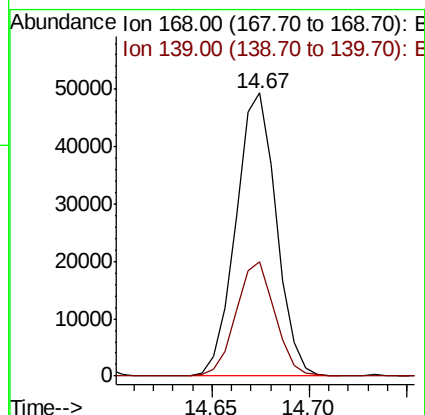
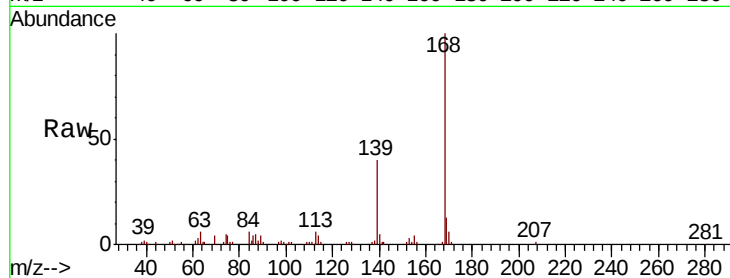
Ion Ratio Lower Upper

168 100

139 40.5 29.9 44.9

Manual Integrations
APPROVED

mohammad
8/19/2020 8:18:44 AM



#59

Fluorene

Concen: 3.272 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

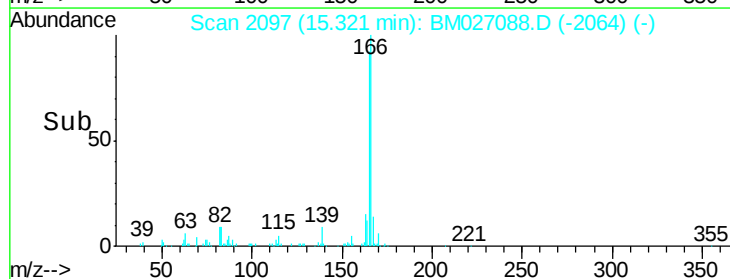
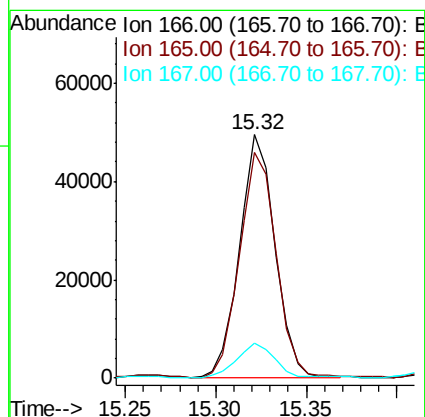
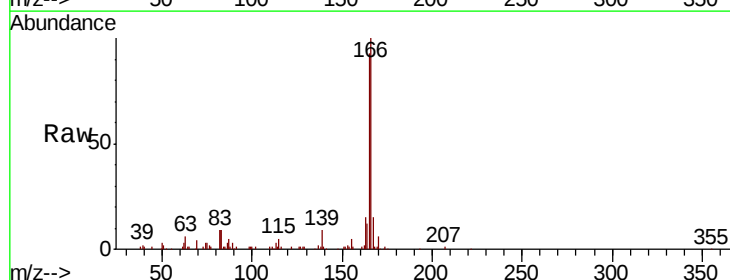
Tgt Ion:166 Resp: 67717

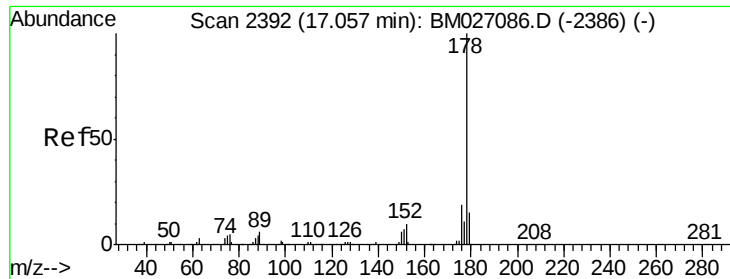
Ion Ratio Lower Upper

166 100

165 92.7 76.9 115.3

167 14.6 10.5 15.7





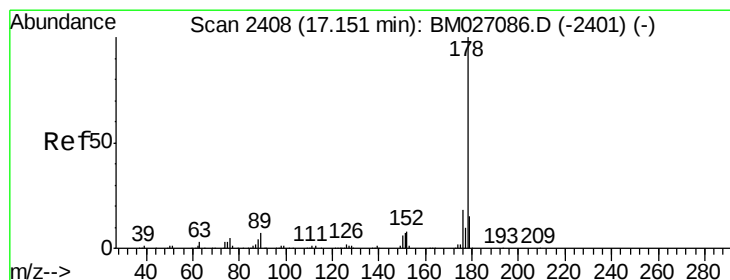
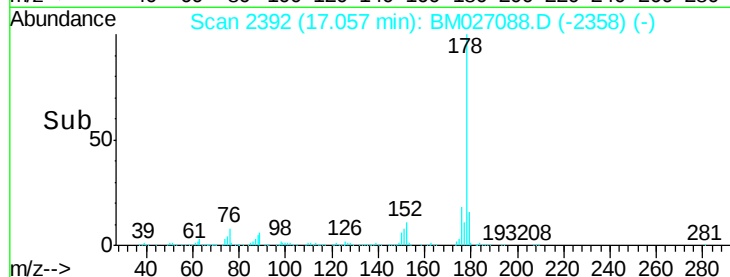
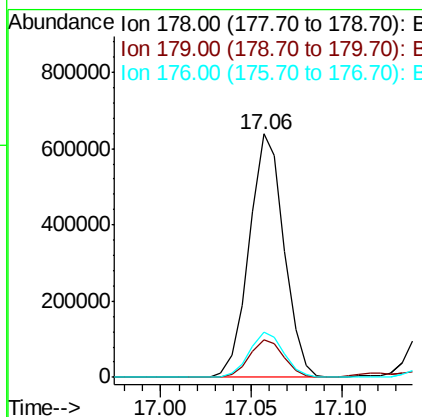
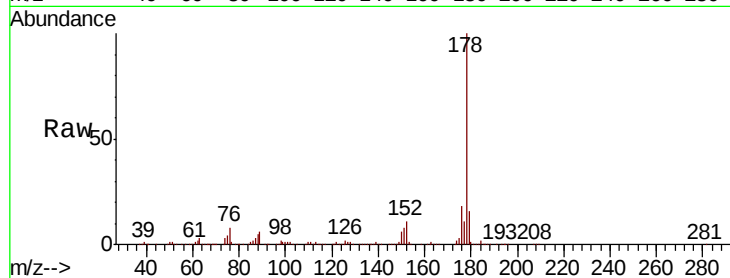
#70
Phenanthrene
Concen: 25.856 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.5	14.6	22.0

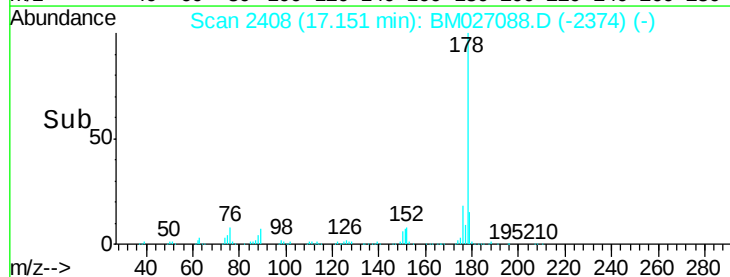
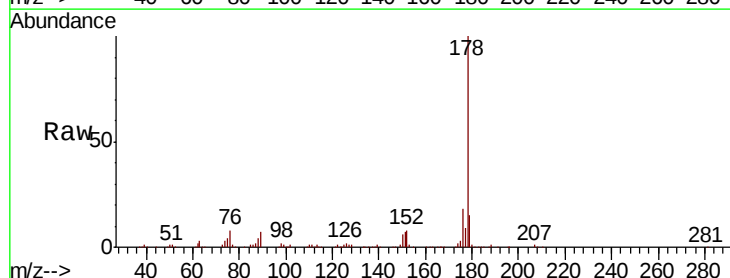
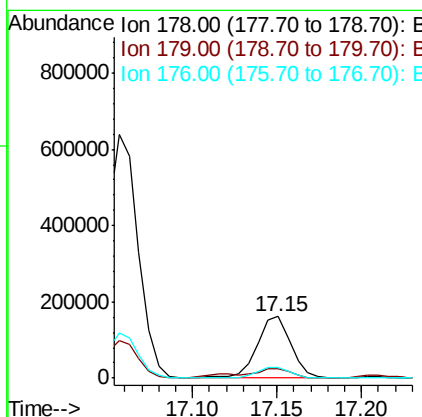
Manual Integrations
APPROVED

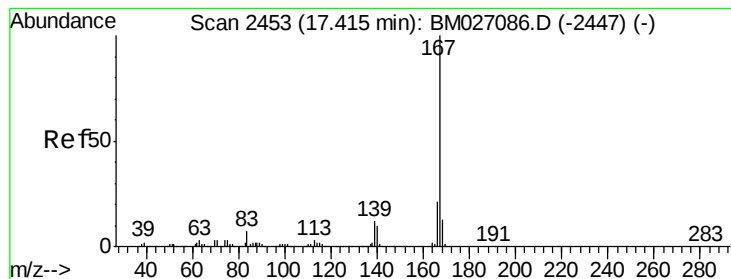
mohammad
8/19/2020 8:18:44 AM



#72
Anthracene
Concen: 6.760 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	17.8	14.3	21.5





#75

Carbazole

Concen: 3.232 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

Instrument :

BNA_M

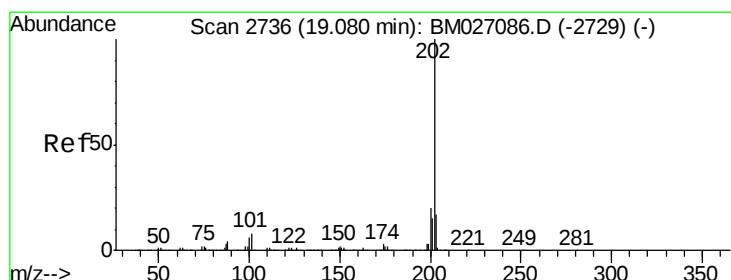
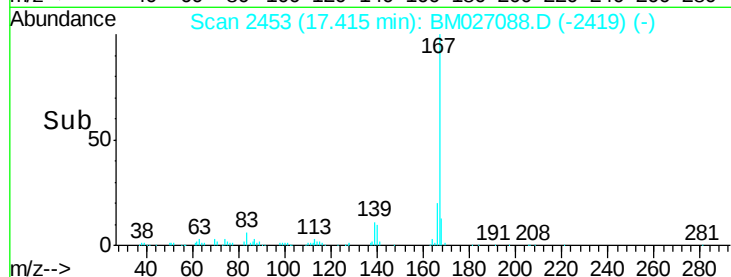
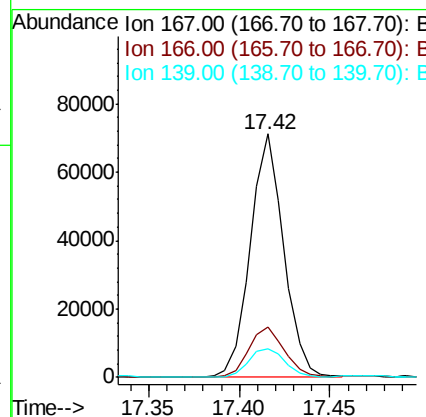
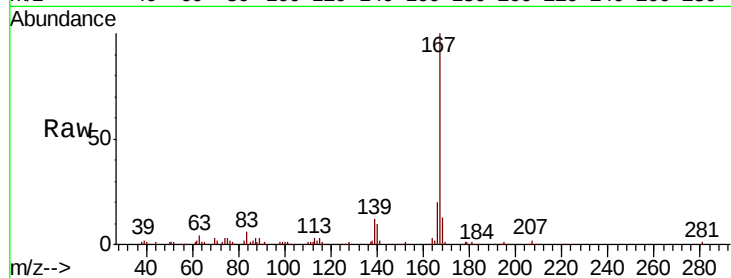
ClientSampleId :

BFM73DL

Tot Ion:	167	Resp:	91410
Ion Ratio	Lower	Upper	
167	100		
166	20.4	17.0	25.6
139	11.6	9.8	14.6

Manual Integrations
APPROVED

mohammad
8/19/2020 8:18:44 AM



#77

Fluoranthene

Concen: 23.765 ng/ul

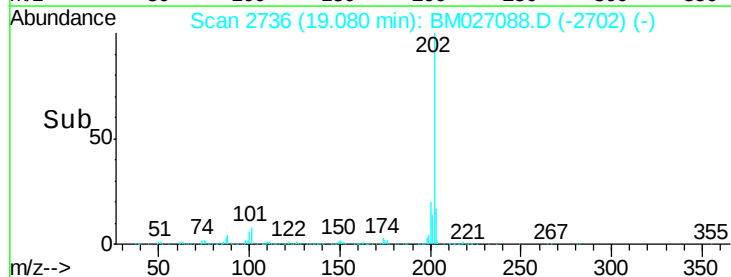
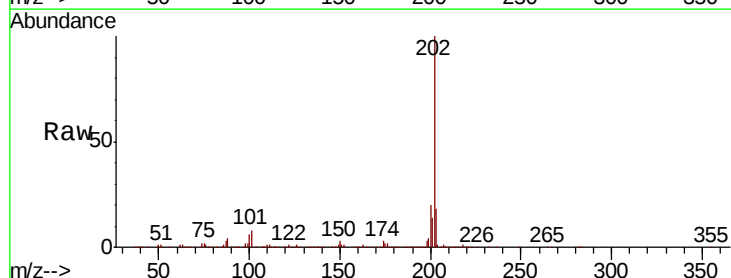
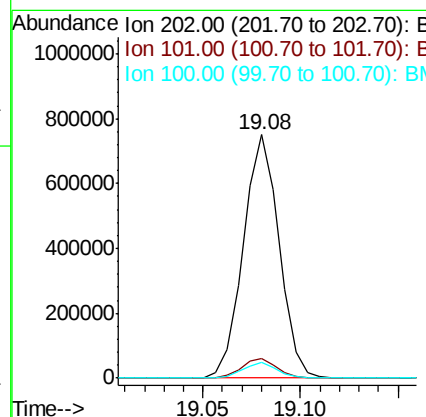
RT: 19.08 min Scan# 2736

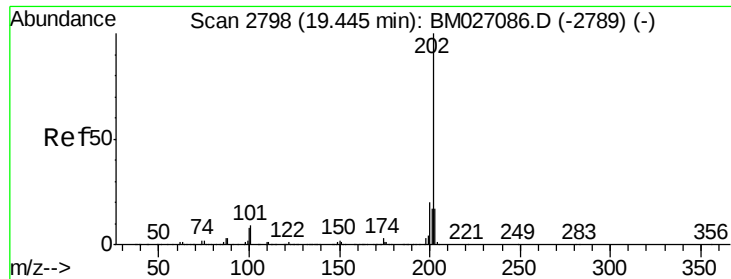
Delta R.T. 0.00 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

Tgt Ion:	202	Resp:	948830
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.7	10.1
100	6.3	5.4	8.2





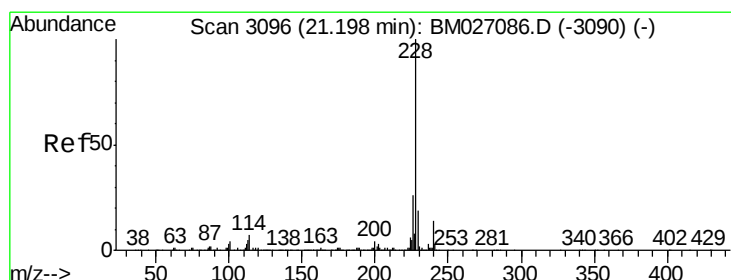
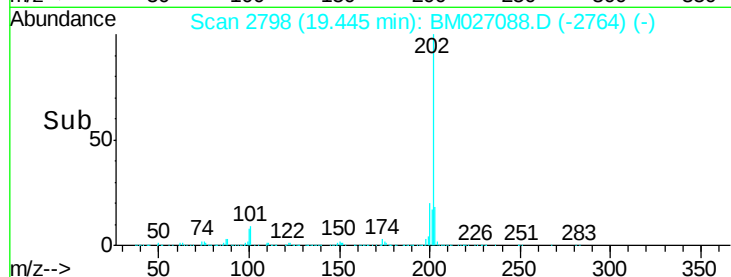
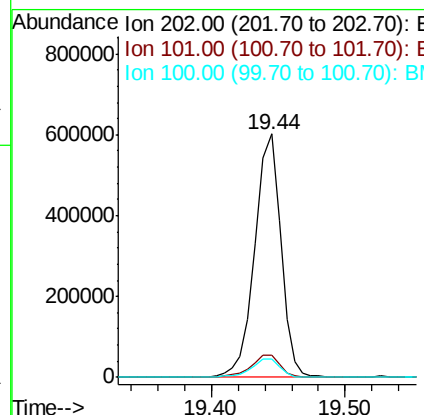
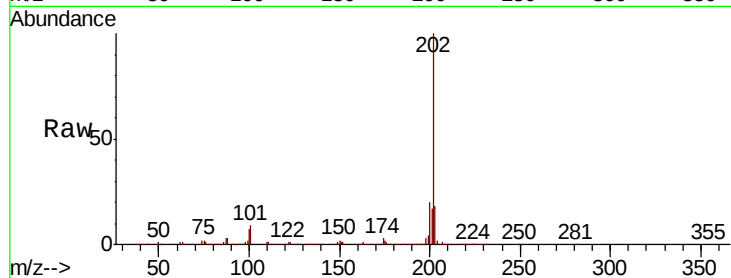
#80
Pvrene
Concen: 18.232 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	809439		
101	9.1		7.6	11.4
100	7.5		6.3	9.5

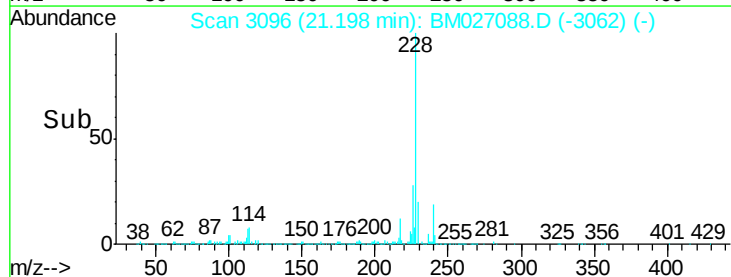
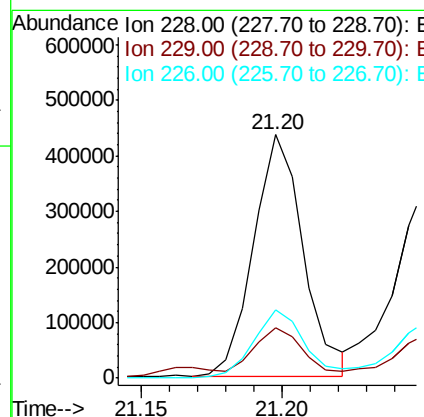
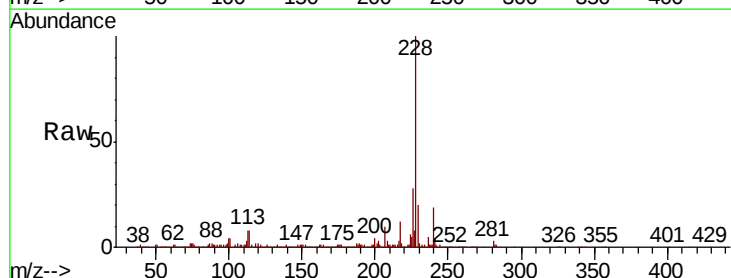
Manual Integrations
APPROVED

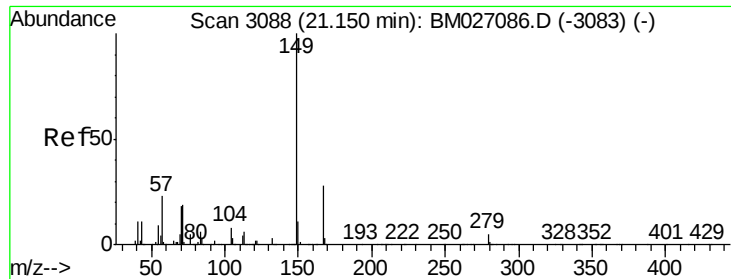
mohammad
8/19/2020 8:18:44 AM



#83
Benzo(a)anthracene
Concen: 12.025 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	529489		
229	20.4		15.8	23.6
226	27.8		21.2	31.8





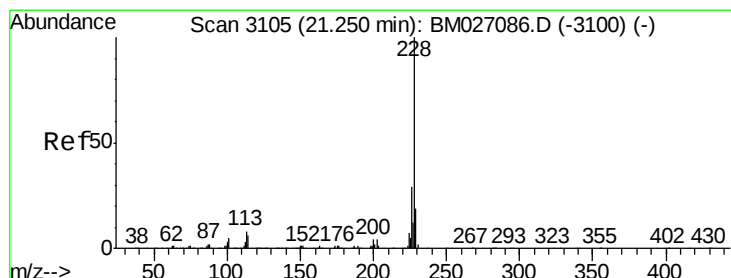
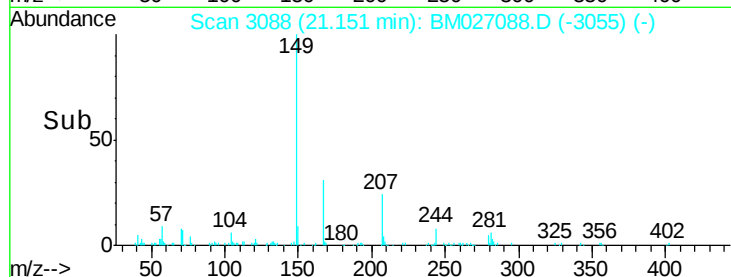
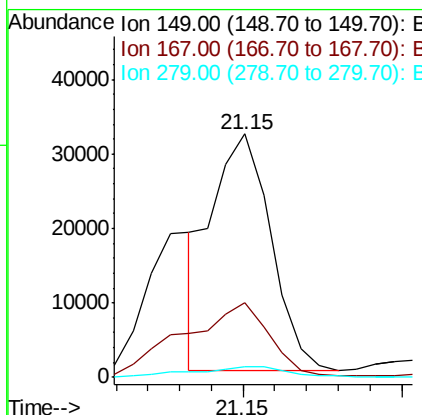
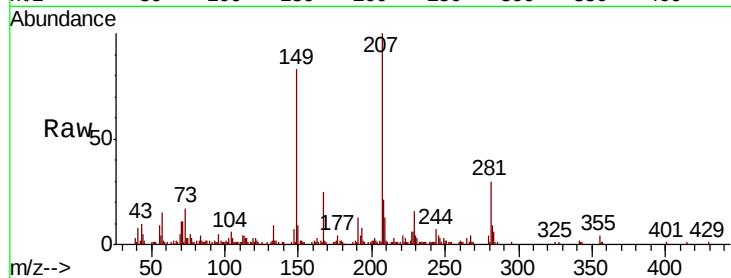
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.655 ng/ul
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM027088.D
 Acq: 14 Aug 2020 14:51

Instrument :
 BNA_M
 ClientSampleId :
 BFM73DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.8	21.6	32.4
279	4.6	3.9	5.9

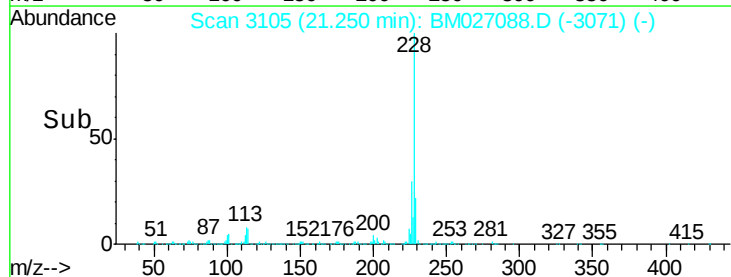
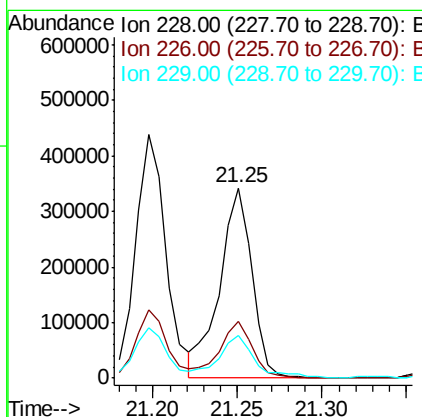
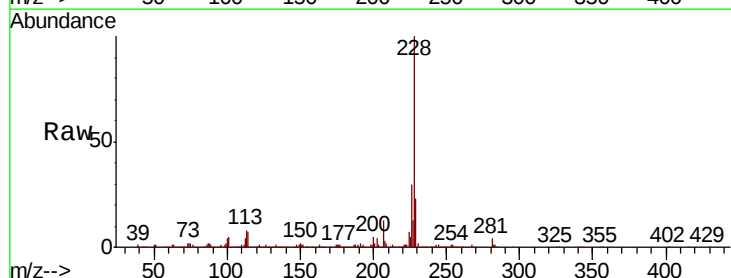
Manual Integrations
 APPROVED

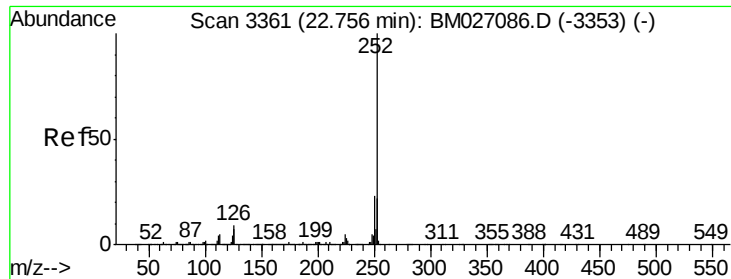
mohammad
 8/19/2020 8:18:44 AM



#85
 Chrysene
 Concen: 10.509 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM027088.D
 Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.5	15.8	23.8





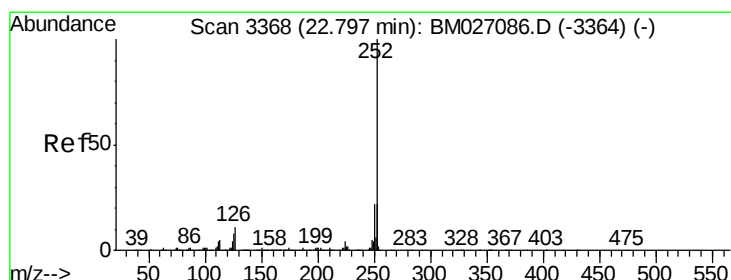
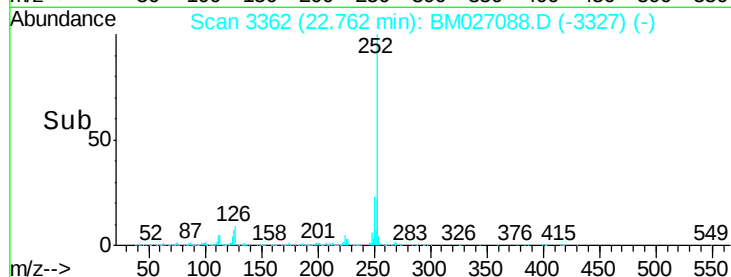
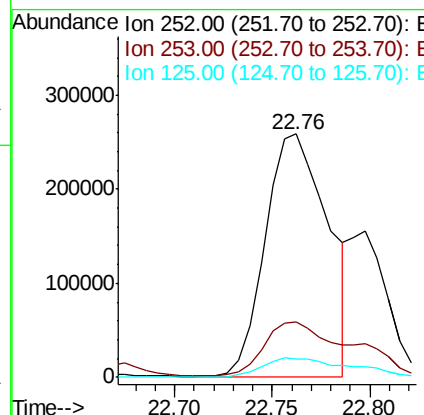
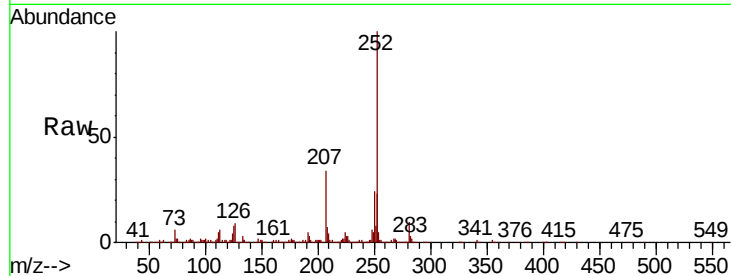
#88
Benzo(b)fluoranthene
Concen: 12.083 ng/uL
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	573063		
253	22.9		17.6	26.4
125	7.5		6.0	9.0

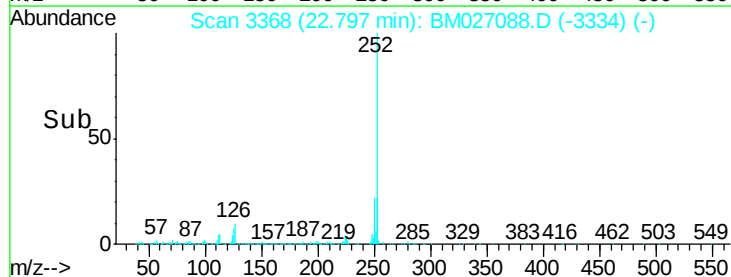
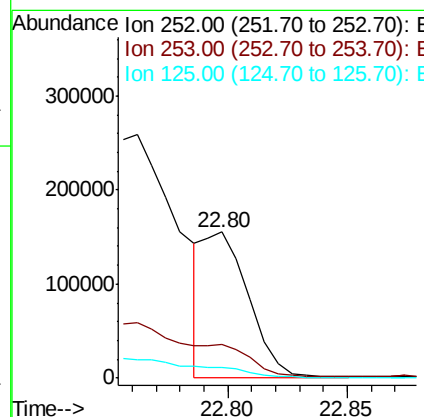
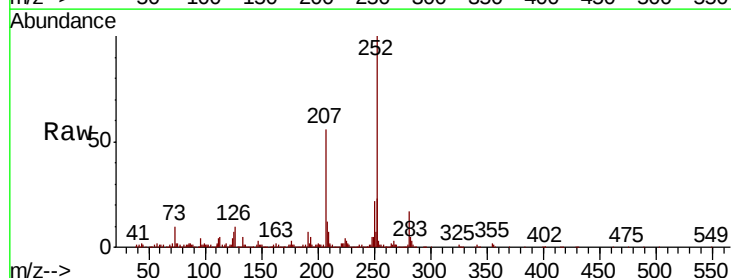
Manual Integrations
APPROVED

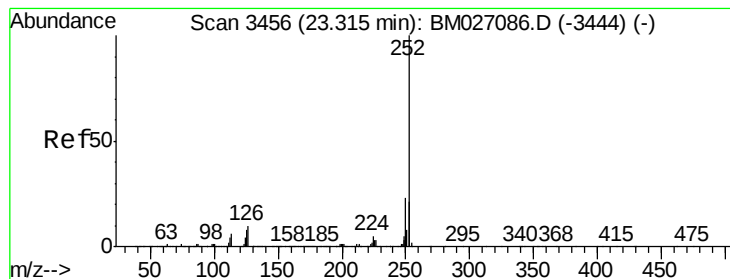
mohammad
8/19/2020 8:18:44 AM



#89
Benzo(k)fluoranthene
Concen: 4.382 ng/uL m
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	205965		
253	23.3		17.2	25.8
125	7.3		5.5	8.3





#91

Benzo(a)pyrene

Concen: 9.751 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

Instrument :

BNA_M

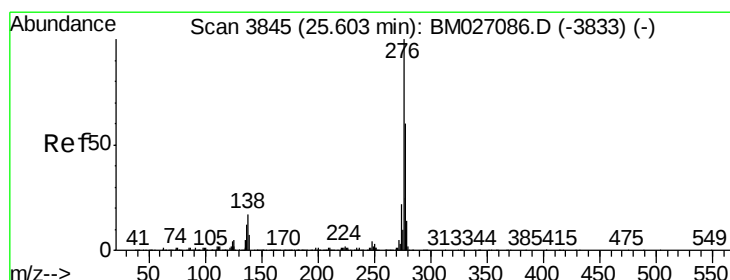
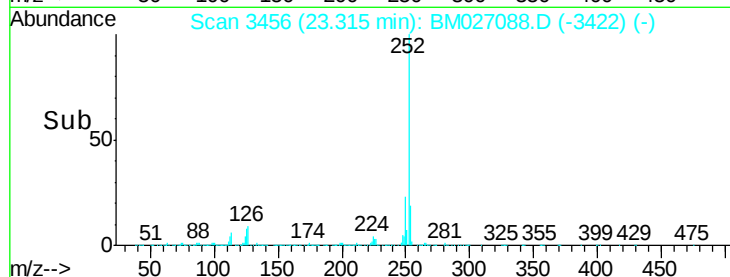
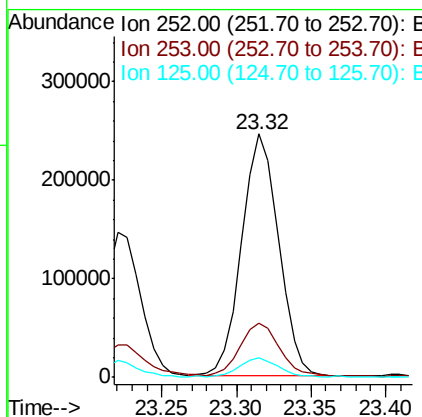
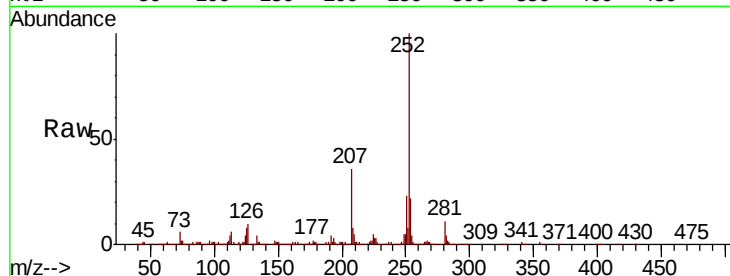
ClientSampled :

BFM73DL

Tot Ion:	252	Resp:	420884
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.4
125	8.3	5.8	8.8

Manual Integrations
APPROVED

mohammad
8/19/2020 8:18:44 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.537 ng/ul

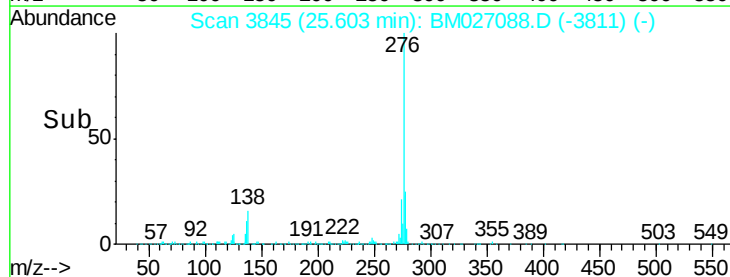
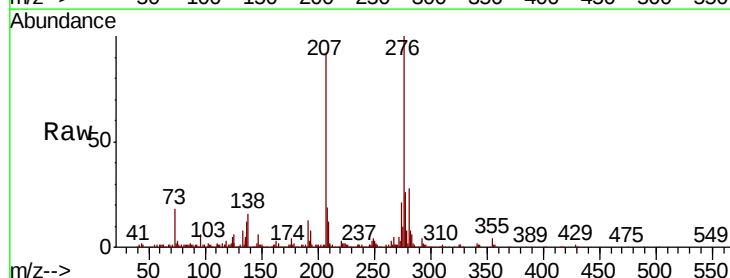
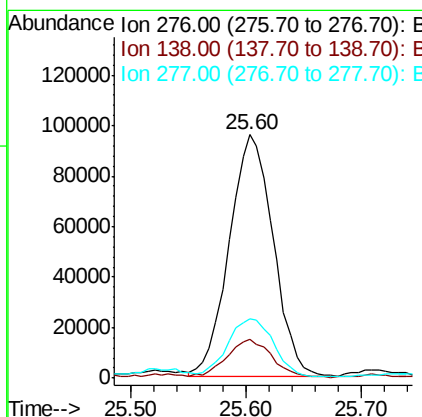
RT: 25.60 min Scan# 3845

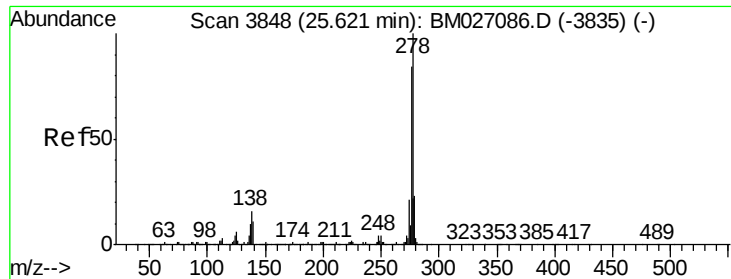
Delta R.T. 0.00 min

Lab File: BM027088.D

Acq: 14 Aug 2020 14:51

Tgt Ion:	276	Resp:	252337
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.9	20.9
277	24.3	19.8	29.8





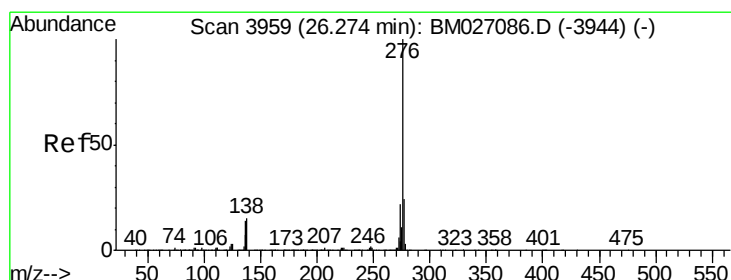
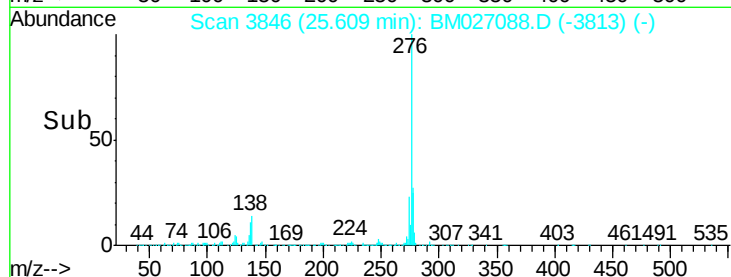
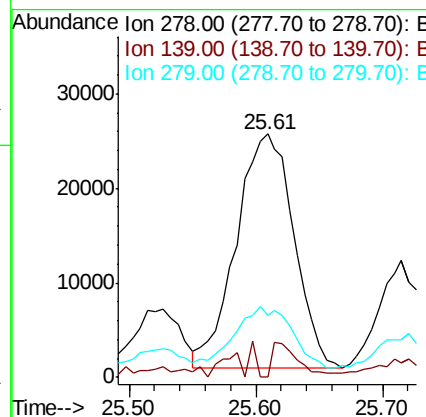
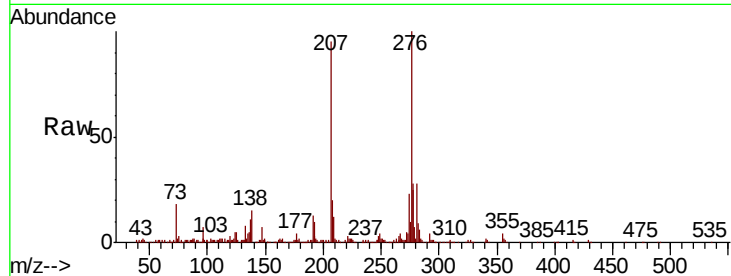
#93
Dibenzo(a,h)anthracene
Concen: 1.648 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	25.5	18.7	28.1

Manual Integrations
APPROVED

mohammad
8/19/2020 8:18:44 AM



#94
Benzo(g,h,i)perylene
Concen: 3.693 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM027088.D
Acq: 14 Aug 2020 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.3	18.5
277	24.3	19.0	28.6

