

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029952.D
 Acq On : 11 May 2021 20:49
 Operator : CG/JU
 Sample : M2177-23
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG594

Manual Integrations
 APPROVED

mohammad
 5/12/2021 2:06:53 PM

Quant Time: May 12 01:26:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 15:21:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	123259	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	526622	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	320581	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	610185	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	576982	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	590299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	6789m	2.20	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.73	99	165293	14.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	115891	16.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	140610	15.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	141477	14.92	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	61756	17.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	68870	16.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	134013	16.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	135898	10.87	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	452174	18.20	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	565010	17.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	32891m	8.13	ng/ul	0.02
60) Fluorene-d10	15.19	176	411925	19.53	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	37958	9.58	ng/ul	0.00
73) Anthracene-d10	17.04	188	602032	19.59	ng/ul	0.00
81) Pyrene-d10	19.34	212	638461	21.57	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	669157	20.00	ng/ul	0.00

Target Compounds

					Ovalue
37) 1-Methylnaphthalene	12.22	142	31727	1.510 ng/ul#	99
52) Acenaphthene	14.26	153	28227	1.311 ng/ul	94
61) Fluorene	15.25	166	31990	1.269 ng/ul#	93
72) Phenanthrene	16.99	178	337295	9.375 ng/ul	99
74) Anthracene	17.07	178	82597m	2.246 ng/ul	
80) Fluoranthene	19.00	202	348134	9.664 ng/ul	98
82) Pyrene	19.37	202	506674	13.365 ng/ul	99
85) Benzo(a)anthracene	21.12	228	205218	5.451 ng/ul#	91
86) Bis(2-ethylhexyl)phthalate	21.06	149	23966	1.032 ng/ul#	91
87) Chrysene	21.17	228	232867	6.211 ng/ul#	95
90) Benzo(b)fluoranthene	22.64	252	172156	4.496 ng/ul#	82
91) Benzo(k)fluoranthene	22.69	252	55253m	1.373 ng/ul	
93) Benzo(a)pyrene	23.19	252	161910	4.656 ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	25.43	276	78843	1.873 ng/ul	95
96) Benzo(g,h,i)perylene	26.09	276	76585	2.246 ng/ul	95

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

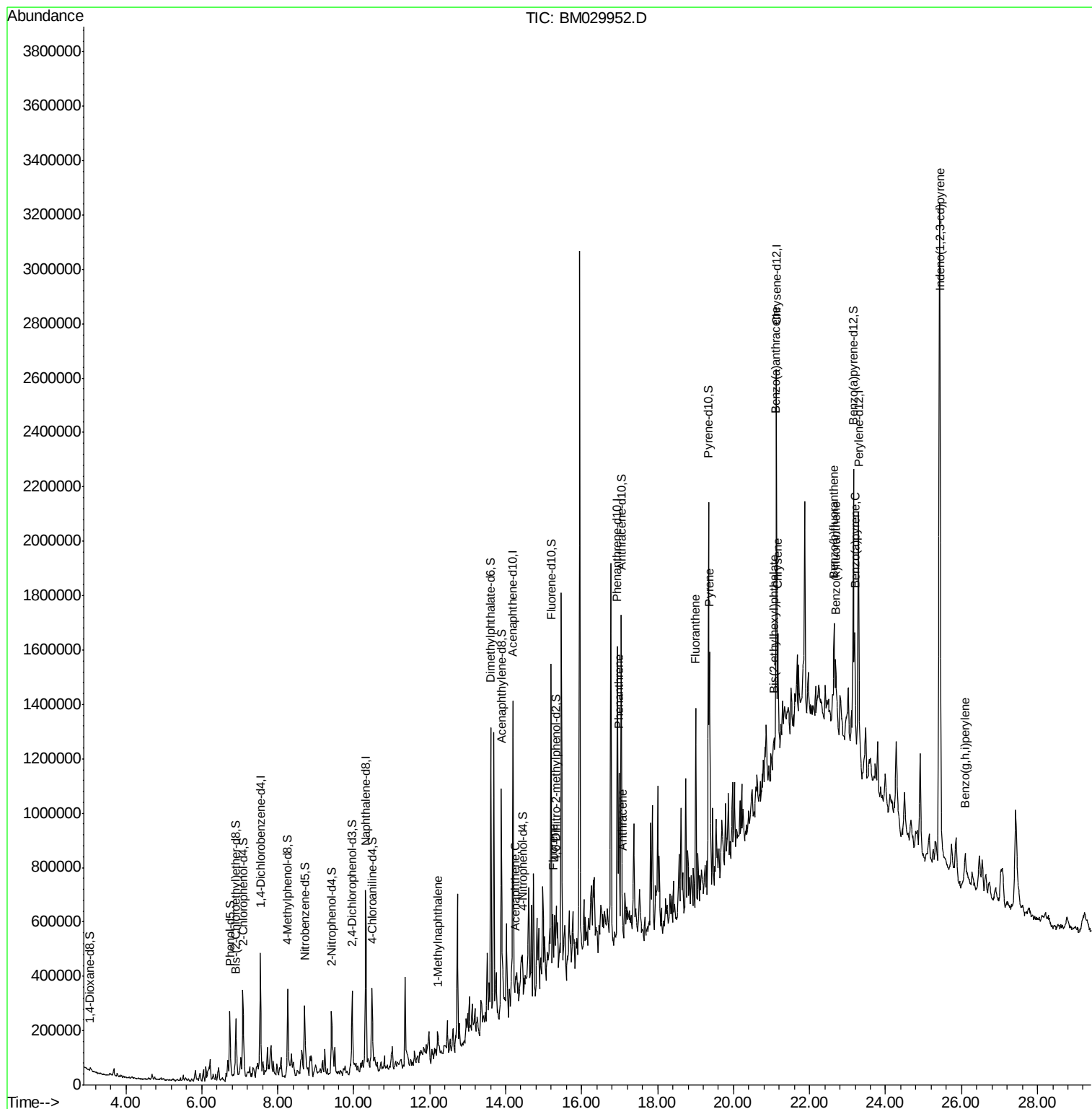
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

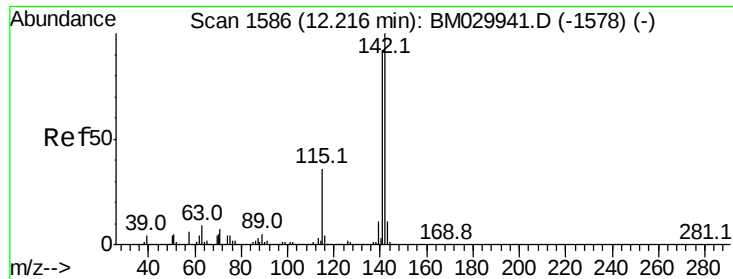
Instrument :
BNA_M
ClientSampleId :
BG594

Quant Time: May 12 01:26:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM





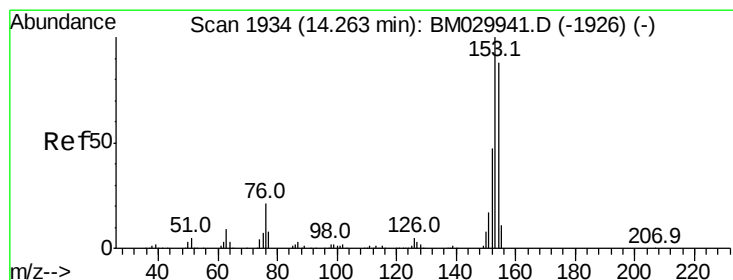
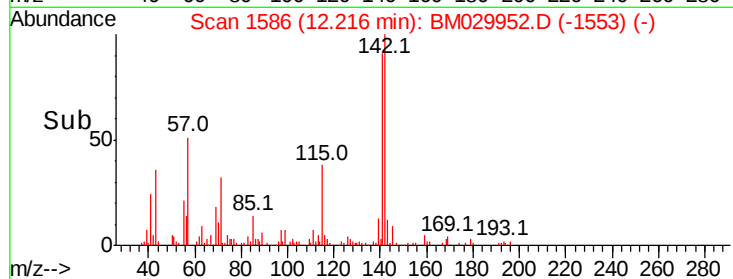
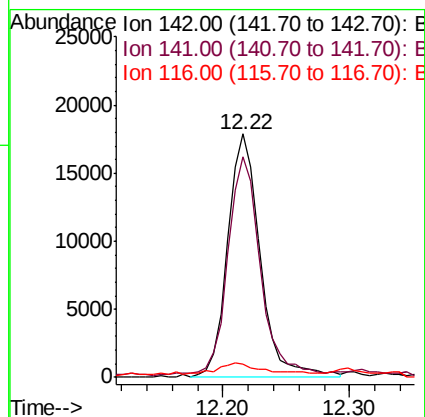
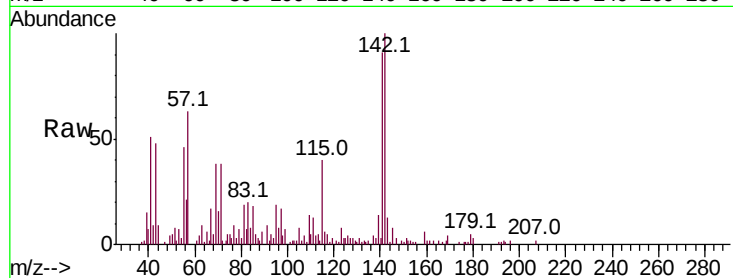
#37
 1-Methylnaphthalene
 Concen: 1.510 ng/ul
 RT: 12.22 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BM029952.D
 Acq: 11 May 2021 20:49

Instrument :
 BNA_M
 ClientSampleId :
 BG594

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
116	5.6	3.0	4.6

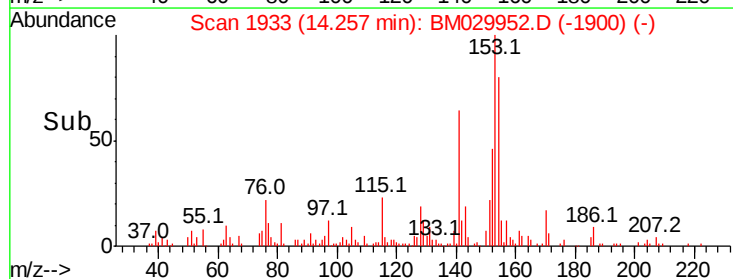
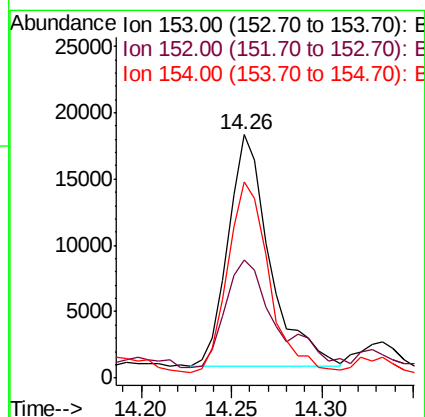
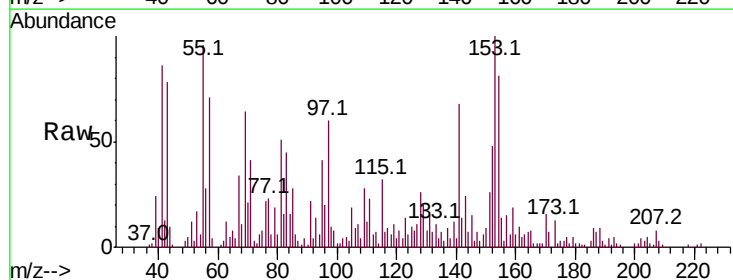
Manual Integrations
 APPROVED

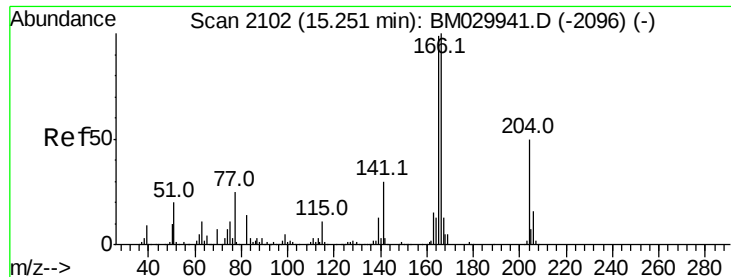
mohammad
 5/12/2021 2:06:53 PM



#52
 Acenaphthene
 Concen: 1.311 ng/ul
 RT: 14.26 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM029952.D
 Acq: 11 May 2021 20:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.7	56.5
154	80.6	70.2	105.4





#61

Fluorene

Concen: 1.269 ng/ul

RT: 15.25 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

ClientSampleId :

BG594

Tot Ion:166 Resp: 31990

Ion Ratio Lower Upper

166 100

165 103.2 78.4 117.6

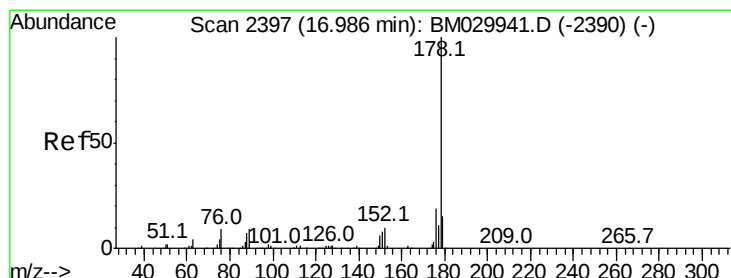
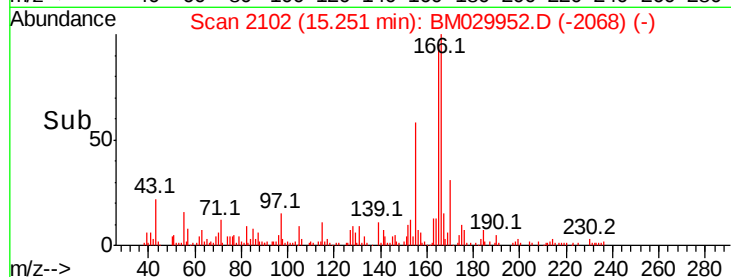
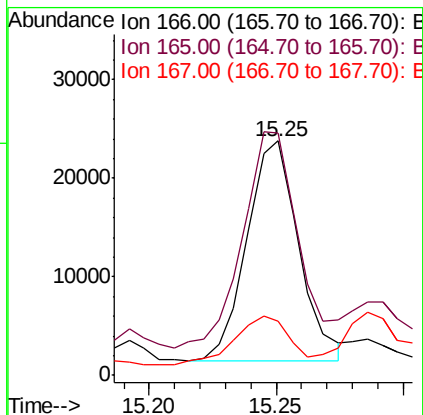
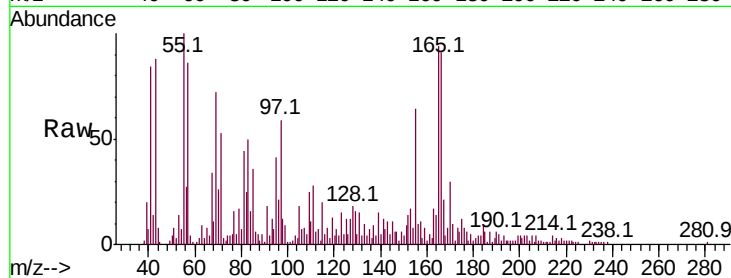
167 23.0 10.9 16.3#

Manual Integrations

APPROVED

mohammad

5/12/2021 2:06:53 PM



#72

Phenanthrene

Concen: 9.375 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

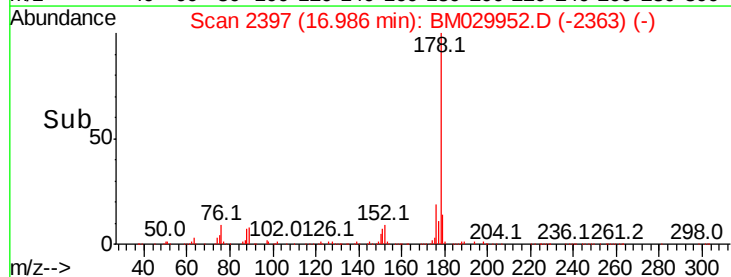
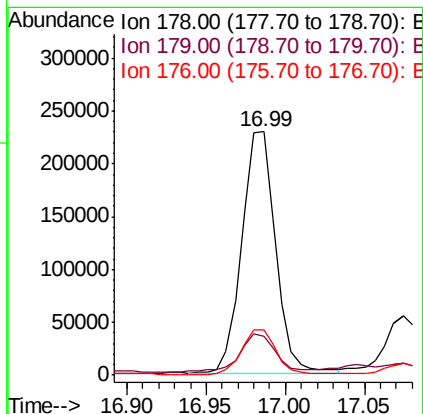
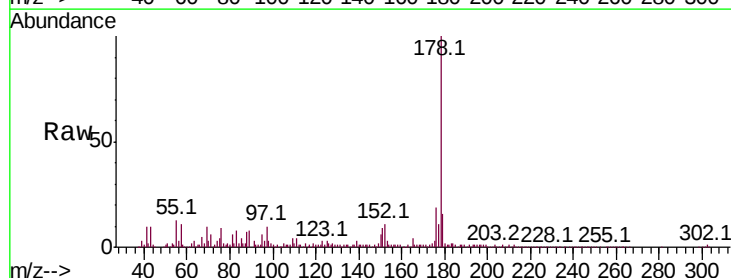
Tgt Ion:178 Resp: 337295

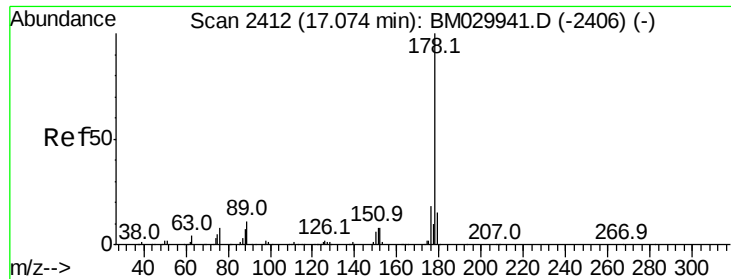
Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 18.8 15.0 22.4





#74

Anthracene

Concen: 2.246 ng/ul

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

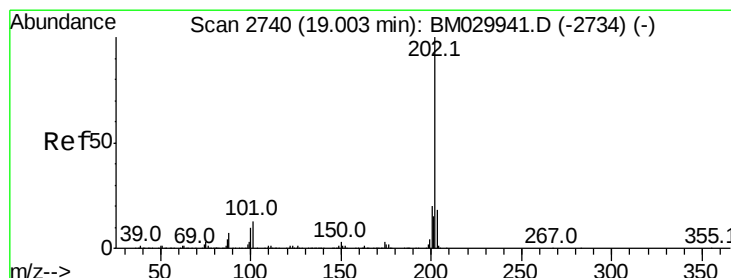
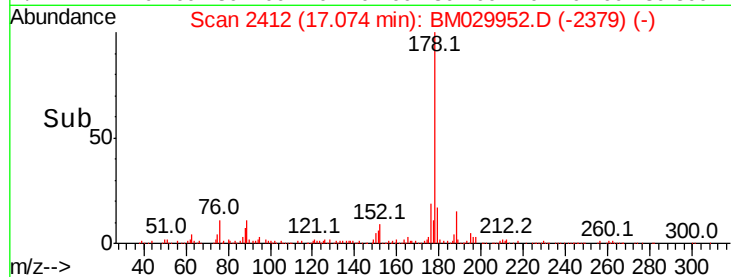
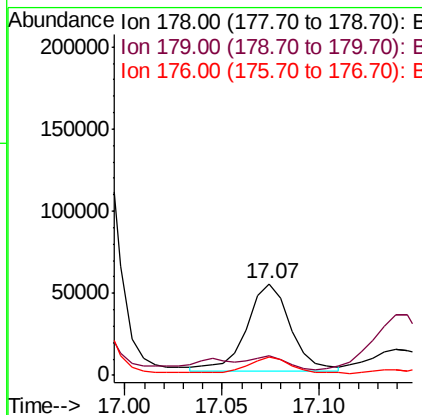
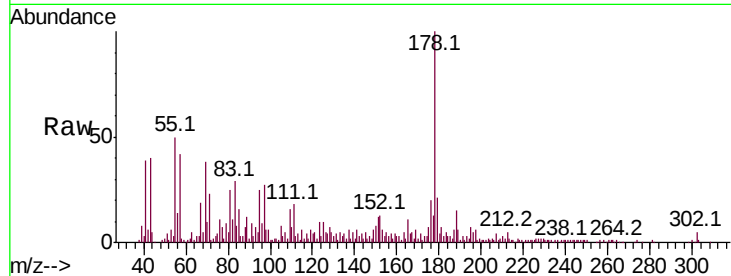
ClientSampled :

BG594

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.2	18.2#
176	20.0	14.9	22.3

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM



#80

Fluoranthene

Concen: 9.664 ng/ul

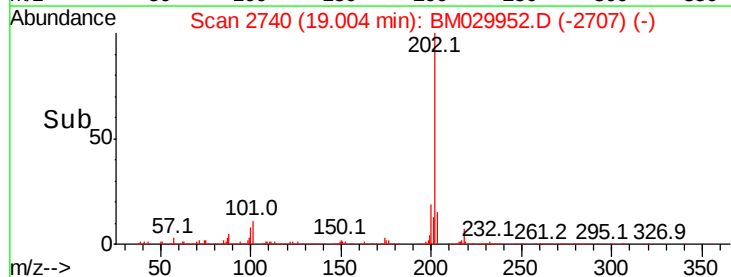
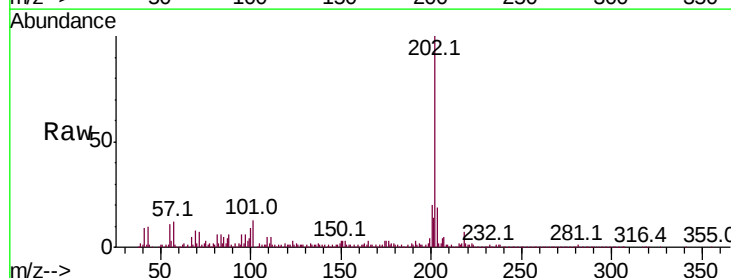
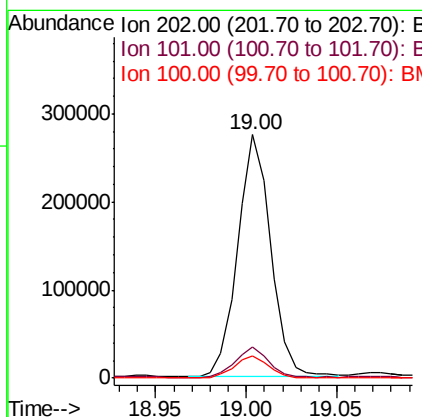
RT: 19.00 min Scan# 2740

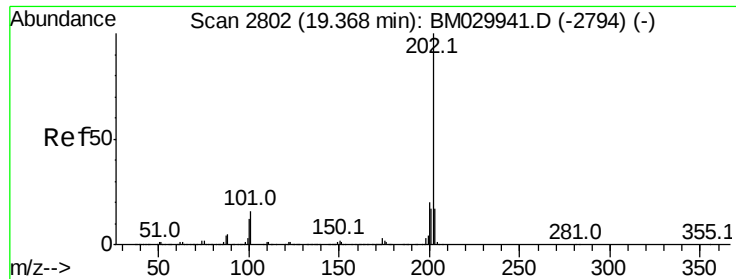
Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.0	13.4
100	9.0	7.0	10.6





#82

Pvrene

Concen: 13.365 ng/ul

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

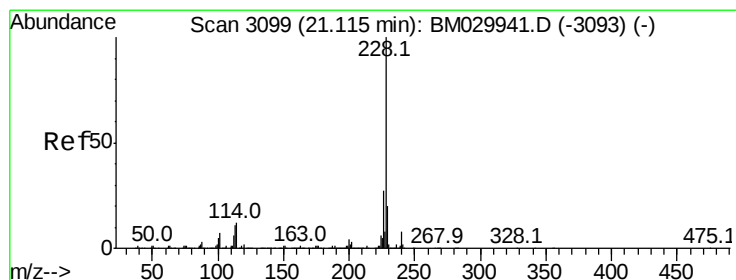
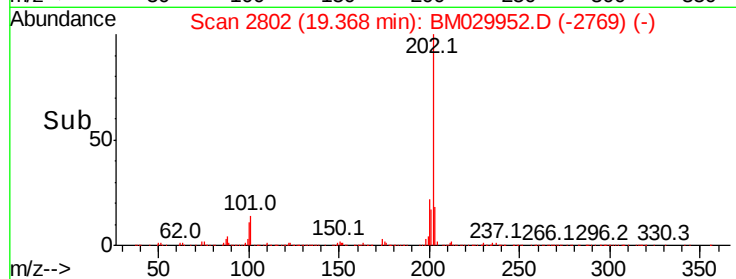
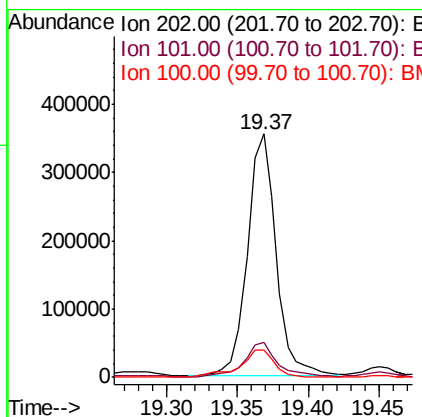
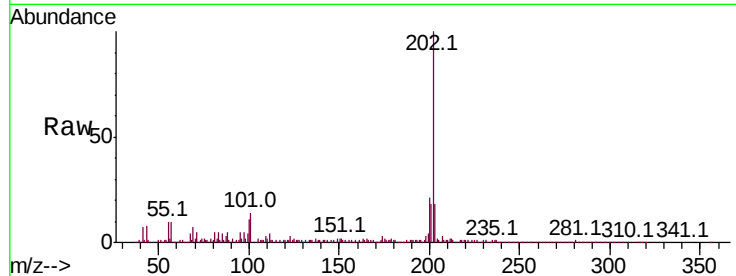
ClientSampleId :

BG594

Tot Ion:	202	Resp:	506674
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.8	17.6
100	11.3	9.2	13.8

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM



#85

Benzo(a)anthracene

Concen: 5.451 ng/ul

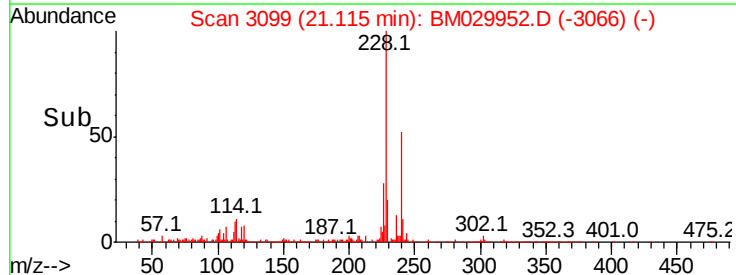
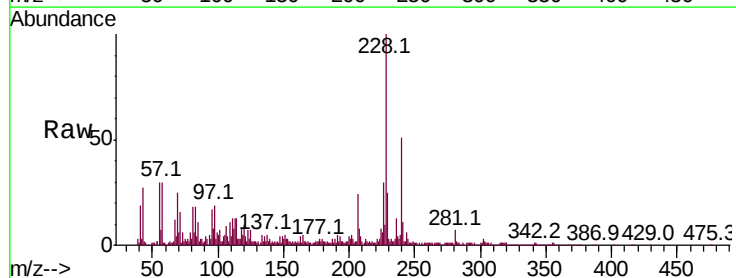
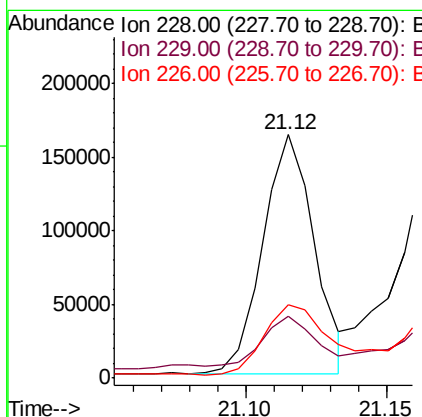
RT: 21.12 min Scan# 3099

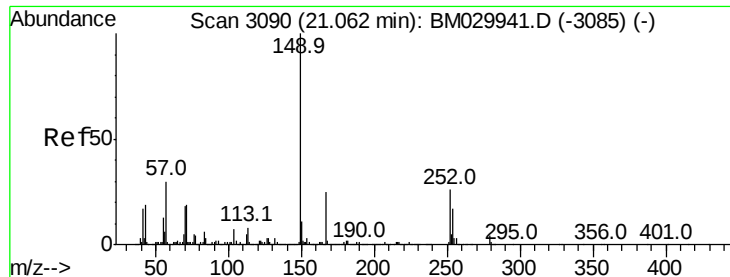
Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Tgt Ion:	228	Resp:	205218
Ion Ratio	Lower	Upper	
228	100		
229	25.2	15.9	23.9#
226	30.2	21.4	32.0





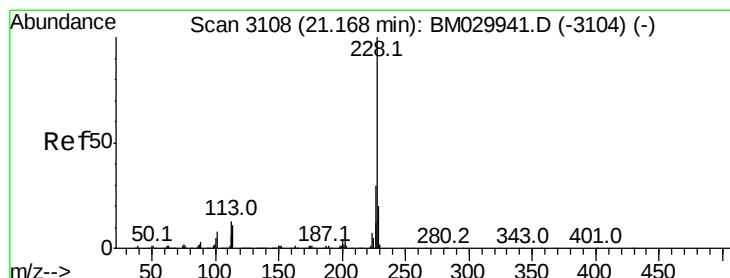
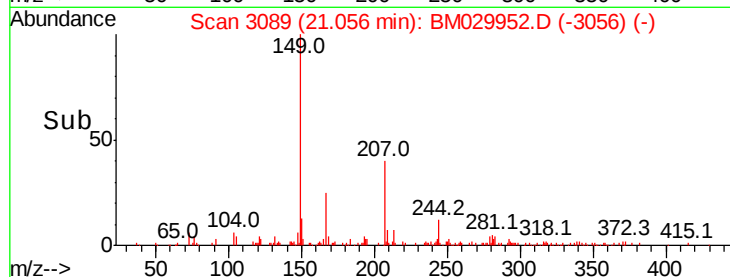
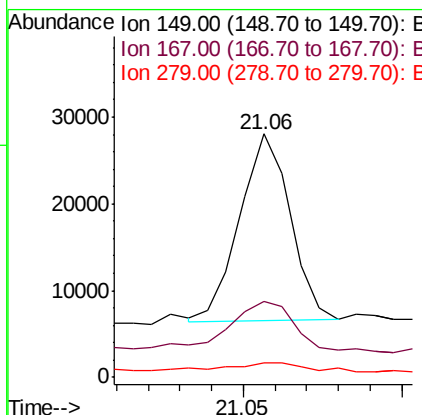
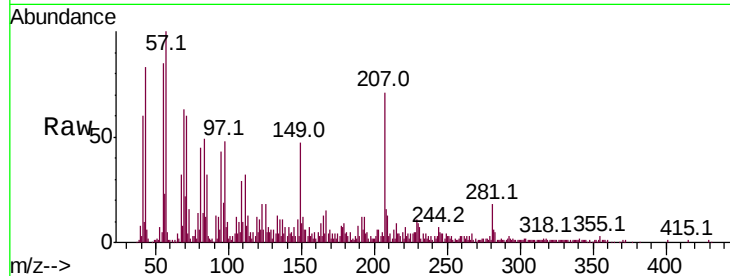
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.032 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM029952.D
Acq: 11 May 2021 20:49

Instrument :
BNA_M
ClientSampleId :
BG594

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.1	31.7
279	5.9	3.5	5.3

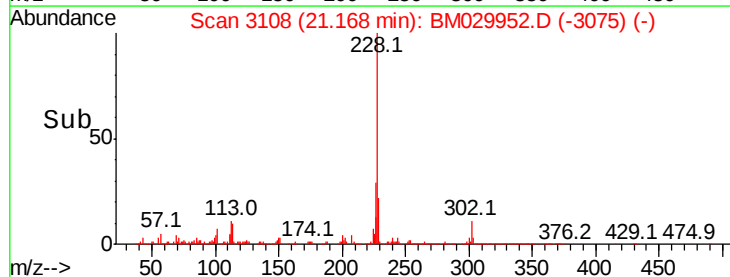
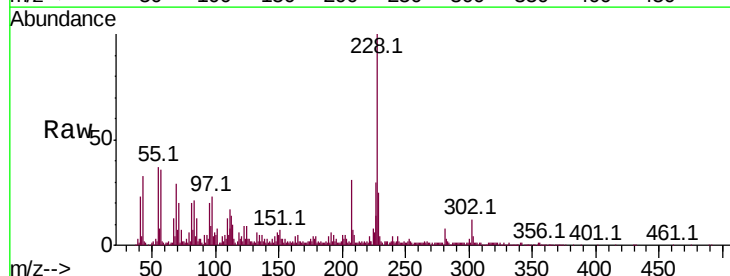
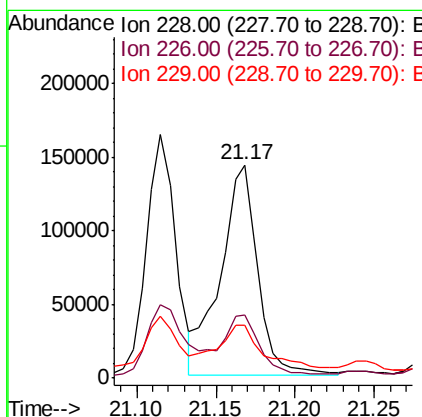
Manual Integrations
APPROVED

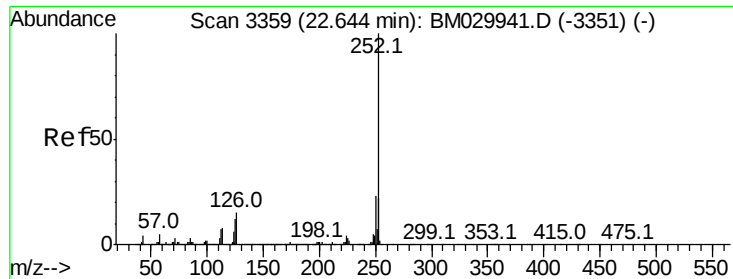
mohammad
5/12/2021 2:06:53 PM



#87
Chrysene
Concen: 6.211 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM029952.D
Acq: 11 May 2021 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	24.5	15.6	23.4





#90

Benzo(b)fluoranthene

Concen: 4.496 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

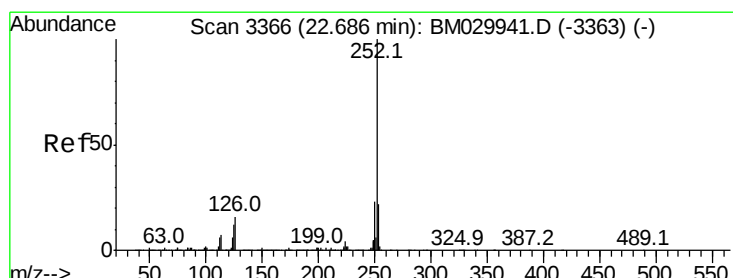
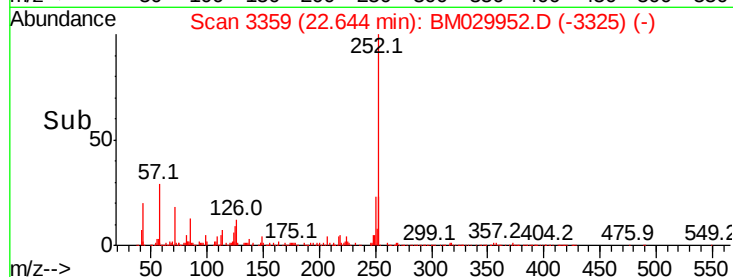
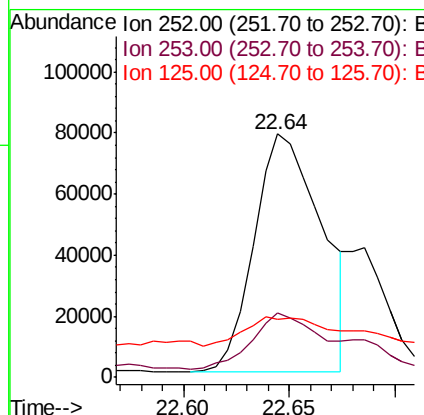
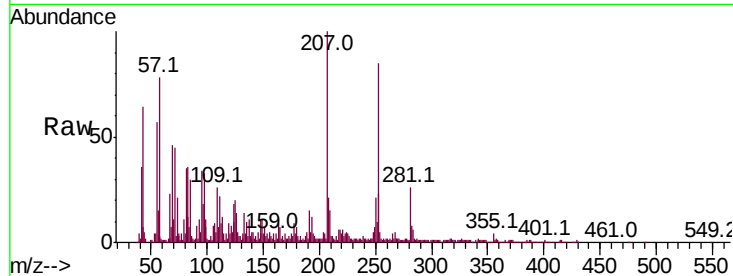
ClientSampled :

BG594

Tot Ion:	252	Resp:	172156
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.4	26.2#
125	24.0	8.6	12.8#

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM



#91

Benzo(k)fluoranthene

Concen: 1.373 ng/ul m

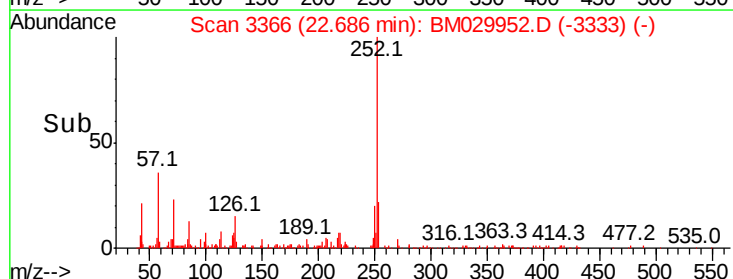
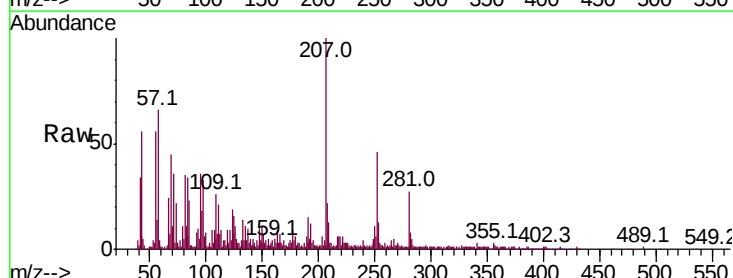
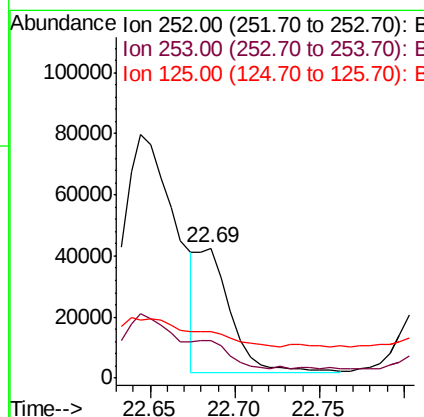
RT: 22.69 min Scan# 3366

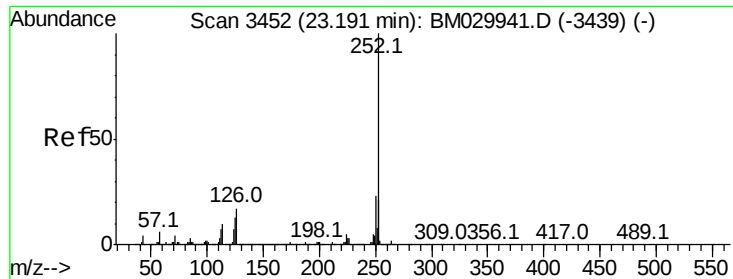
Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Tgt Ion:	252	Resp:	55253
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.8	26.8#
125	35.5	8.4	12.6#





#93

Benzo(a)pyrene

Concen: 4.656 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

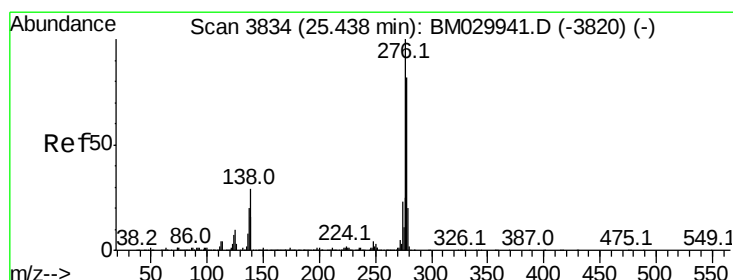
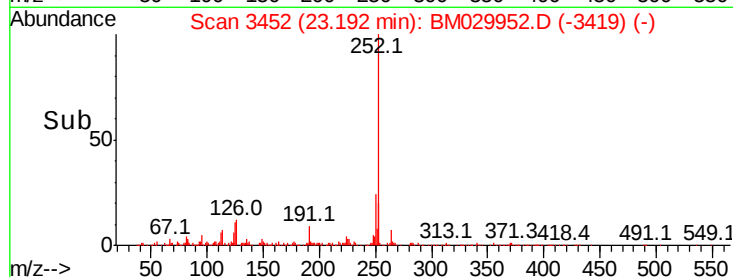
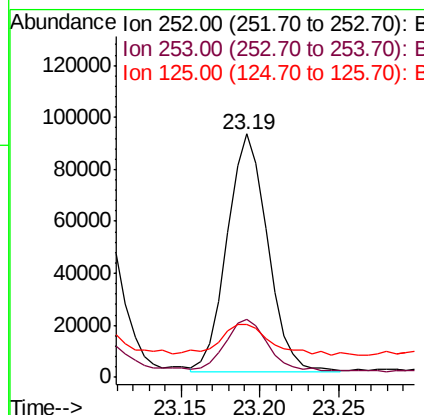
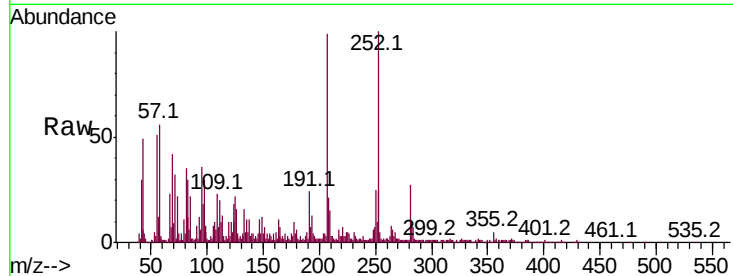
ClientSampleId :

BG594

Tot Ion:	252	Resp:	161910
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	21.7	9.6	14.4#

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.873 ng/ul

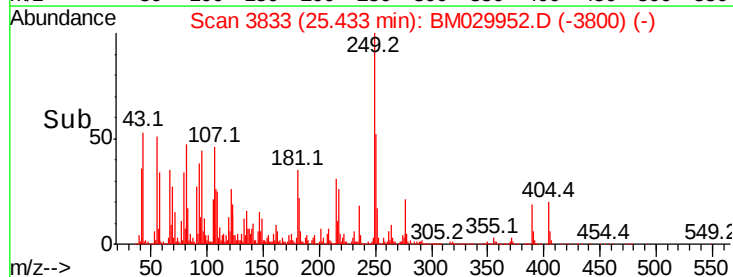
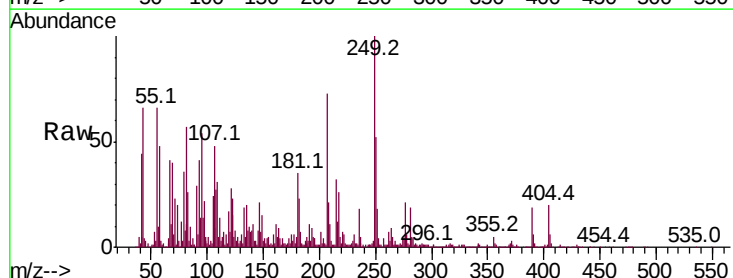
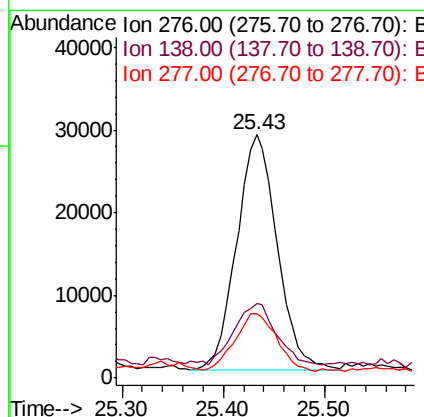
RT: 25.43 min Scan# 3833

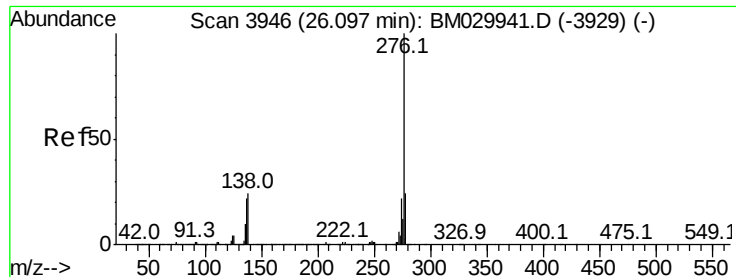
Delta R.T. -0.01 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Tgt Ion:	276	Resp:	78843
Ion Ratio	Lower	Upper	
276	100		
138	30.6	21.1	31.7
277	26.3	20.3	30.5





#96

Benzo(a,h,i)perylene

Concen: 2.246 ng/ul

RT: 26.09 min Scan# 3945

Delta R.T. 0.00 min

Lab File: BM029952.D

Acq: 11 May 2021 20:49

Instrument :

BNA_M

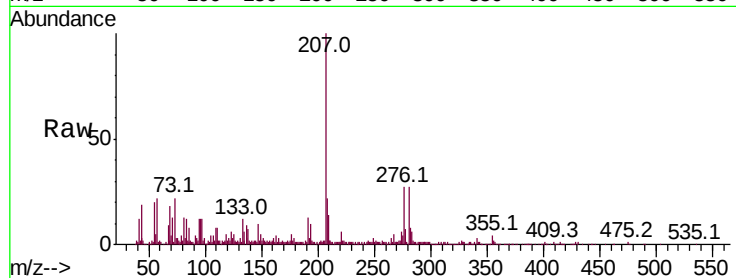
ClientSampleId :

BG594

Tot Ion:	276	Resp:	76585
Ion Ratio	Lower	Upper	
276	100		
138	25.4	17.8	26.8
277	24.5	18.5	27.7

Manual Integrations
APPROVED

mohammad
5/12/2021 2:06:53 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

