

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032590.D
 Acq On : 19 Oct 2021 18:48
 Operator : CG/JU
 Sample : M4181-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B43

Manual Integrations
 APPROVED

mohammad
 10/20/2021 1:55:37 PM

Quant Time: Oct 20 02:56:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6588	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	20608	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9270	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	16077	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.120	240	11597	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	11183	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	2767	0.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2243	0.08	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3423	0.09	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	3498	0.06	ng/ul#	95
7) 2-Methylnaphthalene	12.012	142	2114	0.05	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	1582	0.04	ng/ul	100
10) Acenaphthylene	13.932	152	3334	0.08	ng/ul	95
12) Fluorene	15.259	166	1030	0.03	ng/ul#	94
15) Phenanthrene	16.988	178	21968	0.41	ng/ul	99
16) Anthracene	17.078	178	5840	0.12	ng/ul	96
19) Fluoranthene	19.004	202	69293	1.21	ng/ul	98
20) Pyrene	19.362	202	40847	0.69	ng/ul	100
21) Benzo(a)anthracene	21.106	228	29691	0.66	ng/ul	98
22) Chrysene	21.159	228	32503	0.65	ng/ul	97
24) Benzo(b)fluoranthene	22.629	252	41407m	0.80	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	18232m	0.35	ng/ul	
26) Benzo(a)pyrene	23.169	252	10354	0.24	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.374	276	10990	0.21	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.374	278	5167	0.12	ng/ul#	77

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

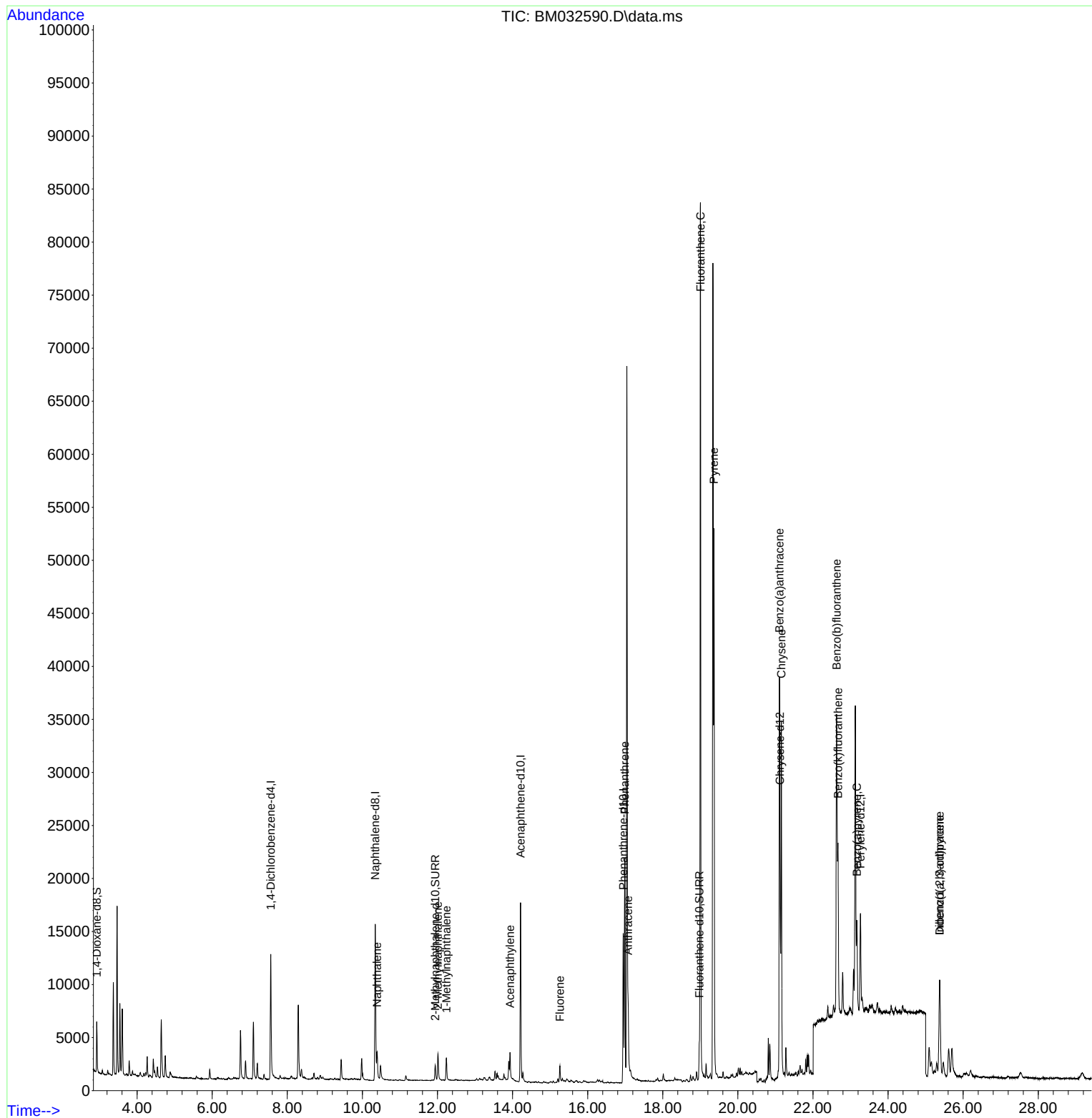
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032590.D
Acq On : 19 Oct 2021 18:48
Operator : CG/JU
Sample : M4181-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

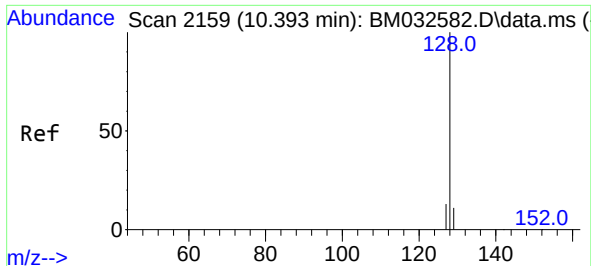
Instrument :
BNA_M
ClientSampleId :
C0B43

Manual Integrations
APPROVED

mohammad
10/20/2021 1:55:37 PM

Quant Time: Oct 20 02:56:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration





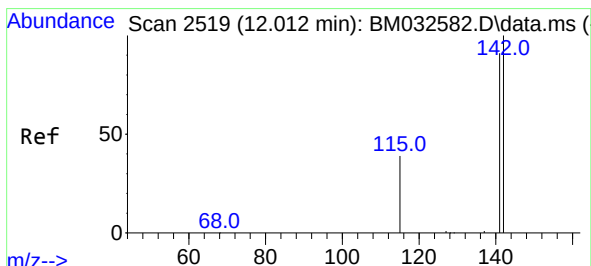
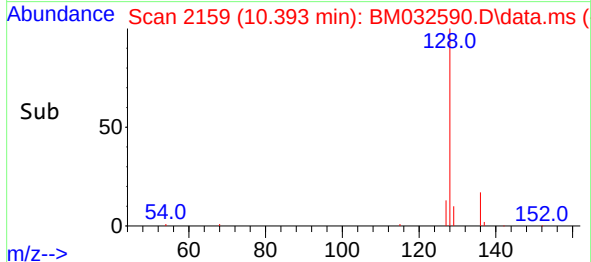
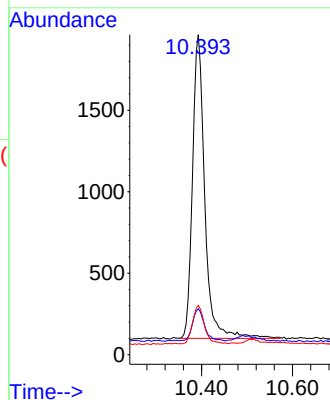
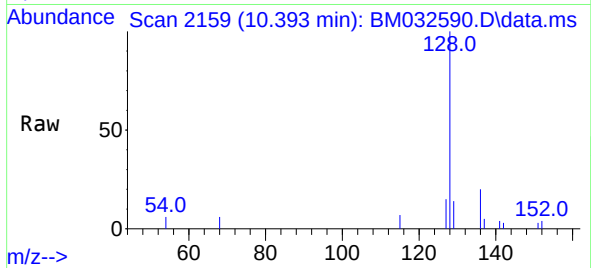
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:128 Resp: 3498
Ion Ratio Lower Upper
128 100
129 14.4 9.1 13.7#
127 15.4 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B43

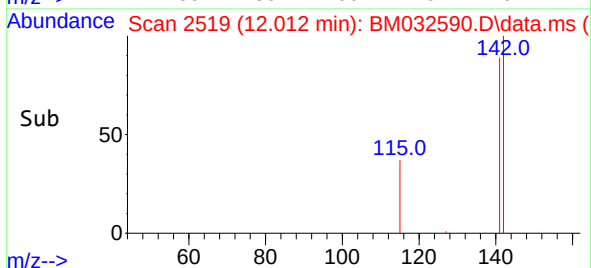
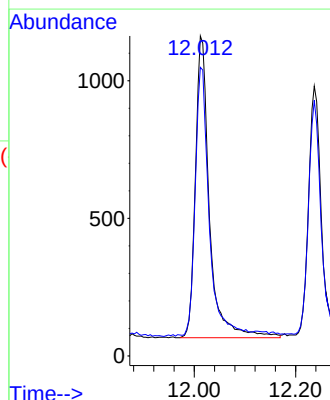
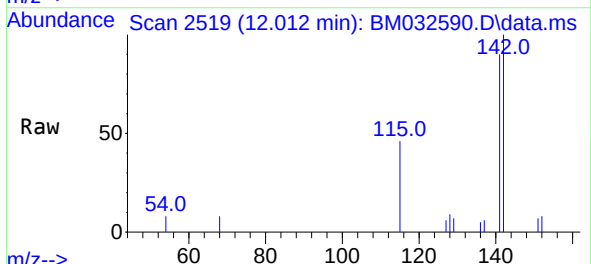
Manual Integrations
APPROVED

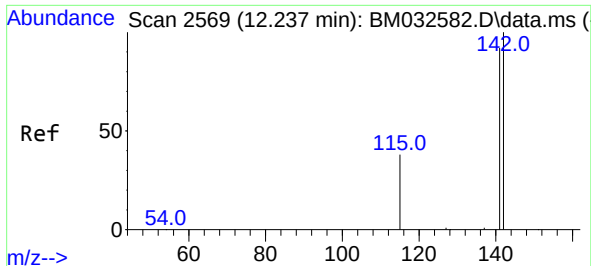
mohammad
10/20/2021 1:55:37 PM



#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:142 Resp: 2114
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2





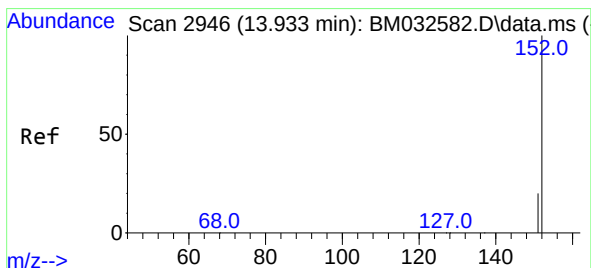
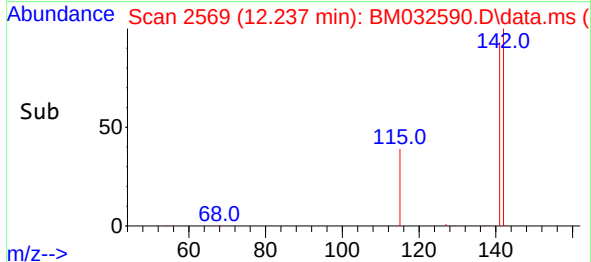
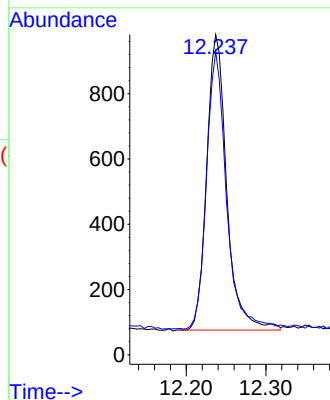
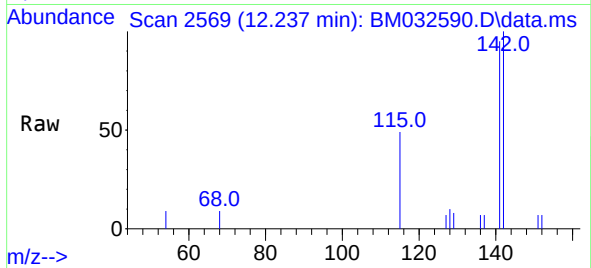
#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:142 Resp: 1582
Ion Ratio Lower Upper
142 100
141 93.4 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C0B43

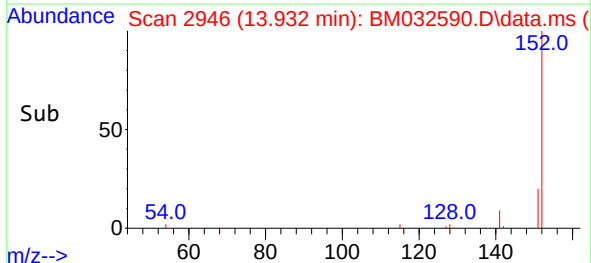
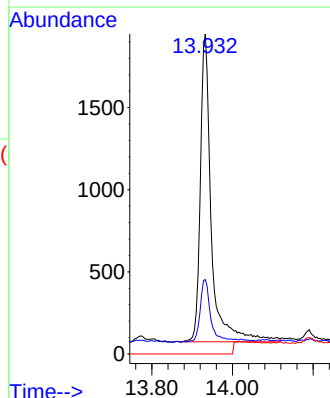
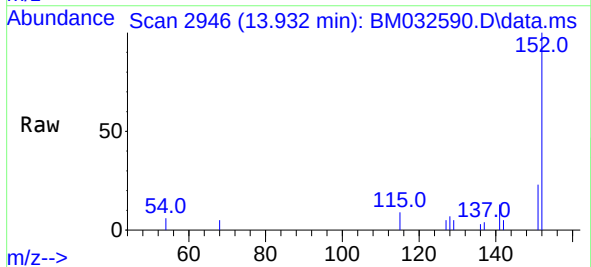
Manual Integrations
APPROVED

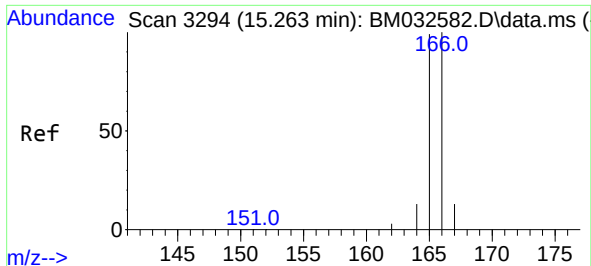
mohammad
10/20/2021 1:55:37 PM



#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.932 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:152 Resp: 3334
Ion Ratio Lower Upper
152 100
151 23.3 16.7 25.1
153 0.0 0.0 0.0





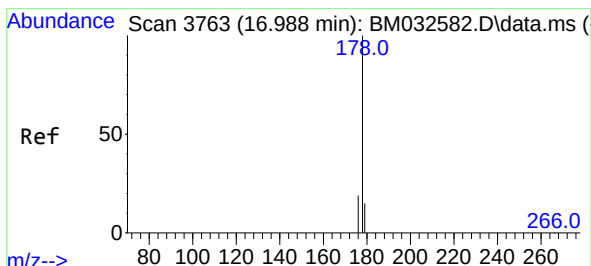
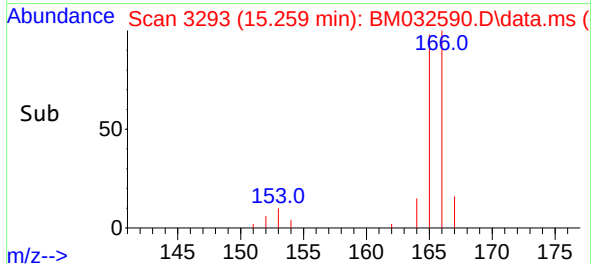
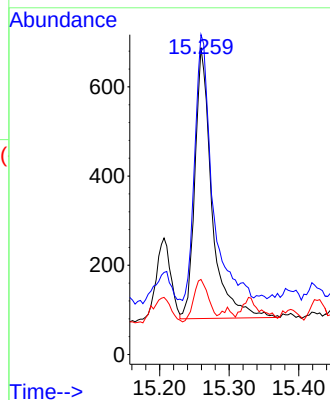
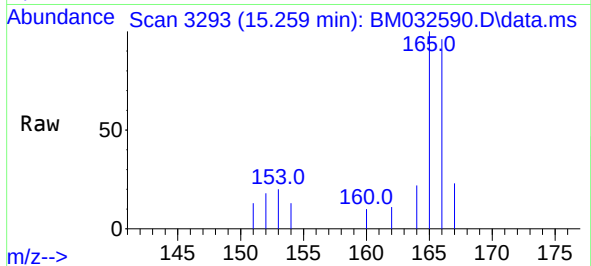
#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:166 Resp: 1030
Ion Ratio Lower Upper
166 100
165 104.2 80.7 121.1
167 24.4 11.2 16.8#

Instrument :
BNA_M
ClientSampled :
C0B43

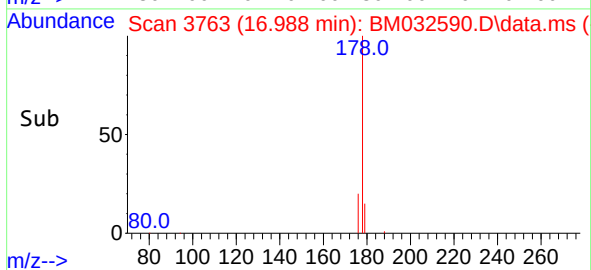
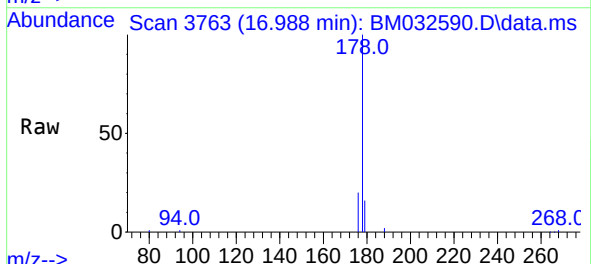
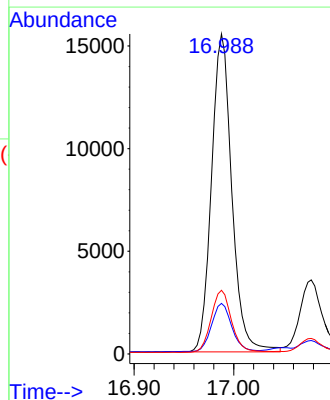
Manual Integrations
APPROVED

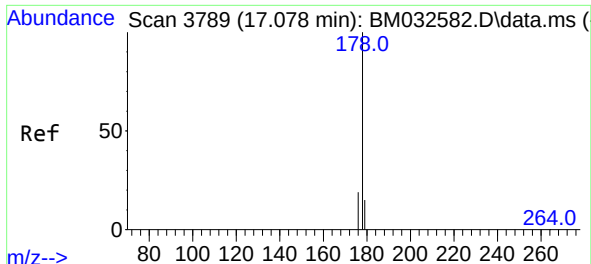
mohammad
10/20/2021 1:55:37 PM



#15
Phenanthrene
Concen: 0.41 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

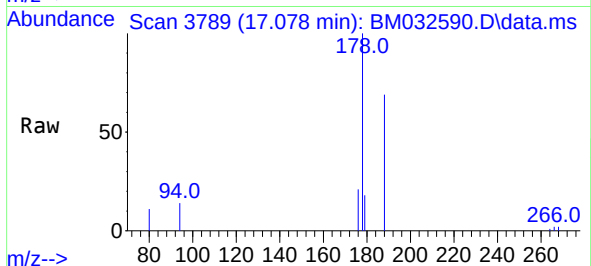
Tgt Ion:178 Resp: 21968
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.9 16.1 24.1





#16
 Anthracene
 Concen: 0.12 ng/ul
 RT: 17.078 min Scan# 3789
 Delta R.T. -0.000 min
 Lab File: BM032590.D
 Acq: 19 Oct 2021 18:48

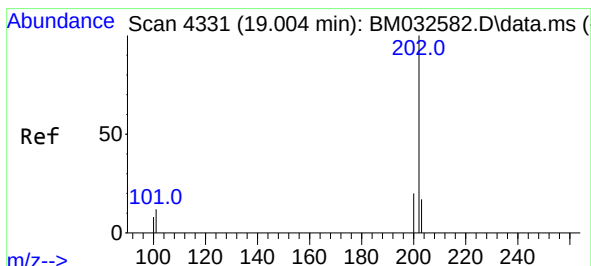
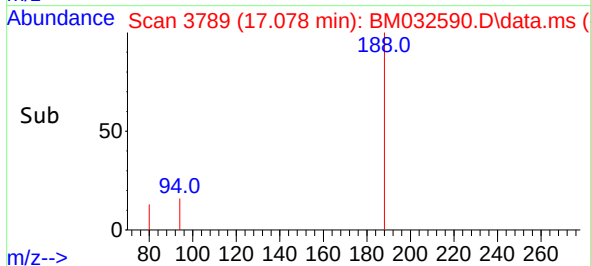
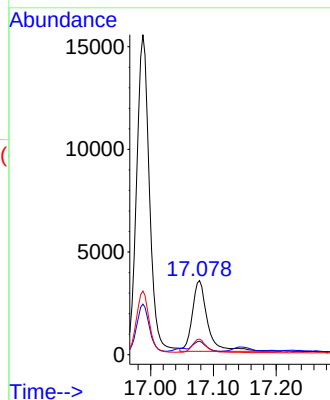
Instrument :
 BNA_M
 ClientSampleId :
 C0B43



Tgt Ion:178	Resp:	5840
Ion Ratio	Lower	Upper
178	100	
179	18.2	12.9 19.3
176	21.0	15.8 23.6

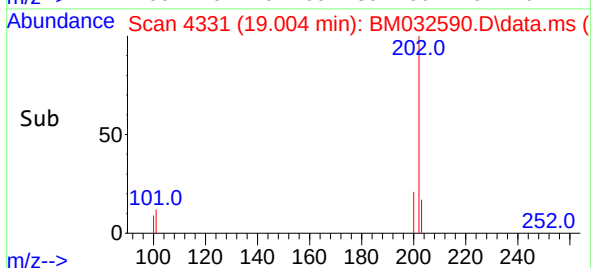
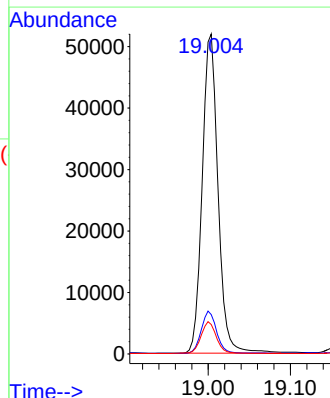
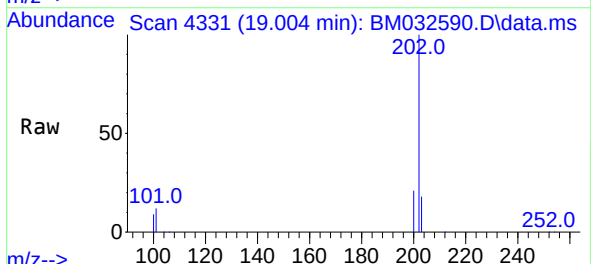
Manual Integrations
 APPROVED

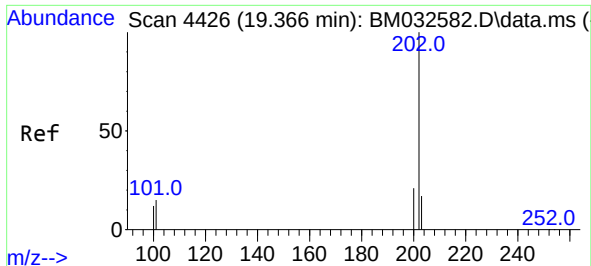
mohammad
 10/20/2021 1:55:37 PM



#19
 Fluoranthene
 Concen: 1.21 ng/ul
 RT: 19.004 min Scan# 4331
 Delta R.T. -0.000 min
 Lab File: BM032590.D
 Acq: 19 Oct 2021 18:48

Tgt Ion:202	Resp:	69293
Ion Ratio	Lower	Upper
202	100	
101	12.3	10.6 16.0
100	9.2	7.8 11.8





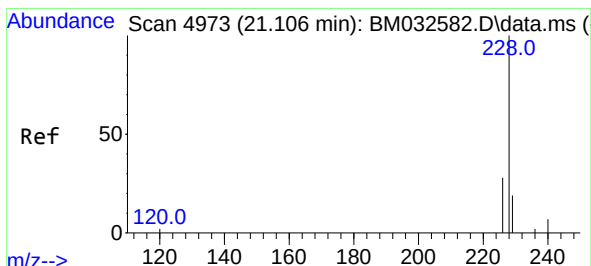
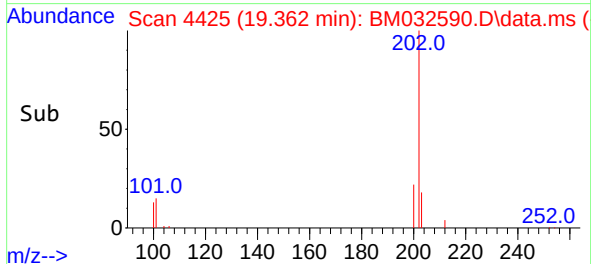
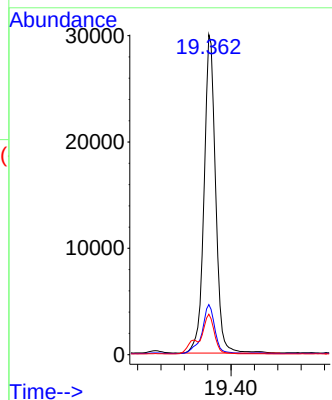
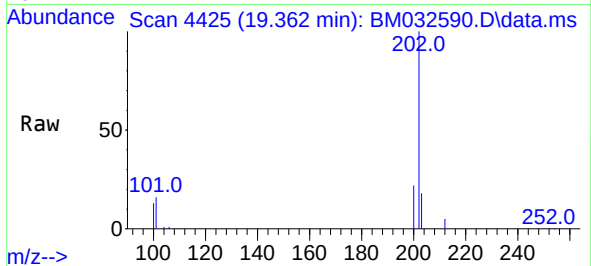
#20
Pyrene
Concen: 0.69 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:	202	Resp:	40847
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.3	18.5
100	12.6	10.1	15.1

Instrument :
BNA_M
ClientSampled :
C0B43

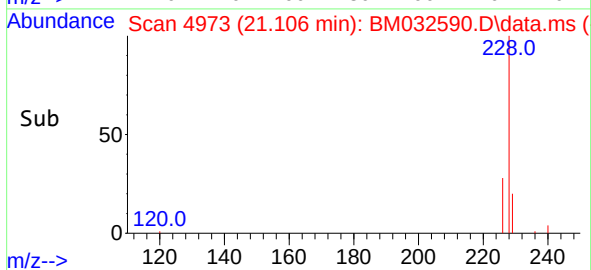
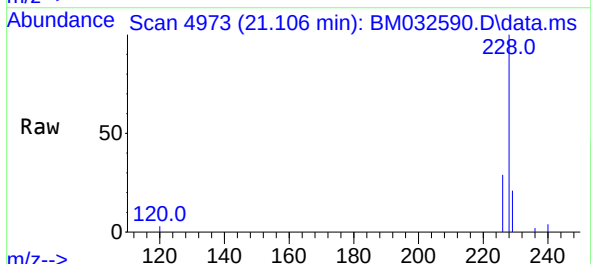
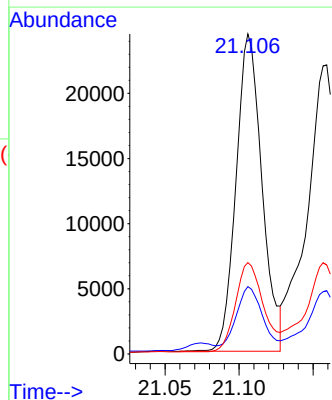
Manual Integrations
APPROVED

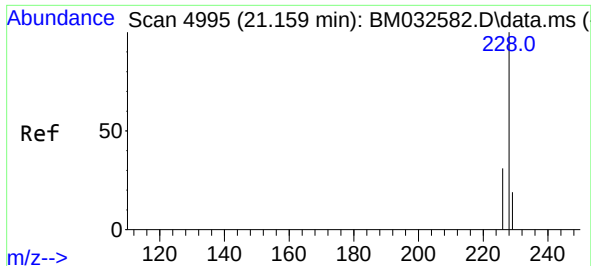
mohammad
10/20/2021 1:55:37 PM



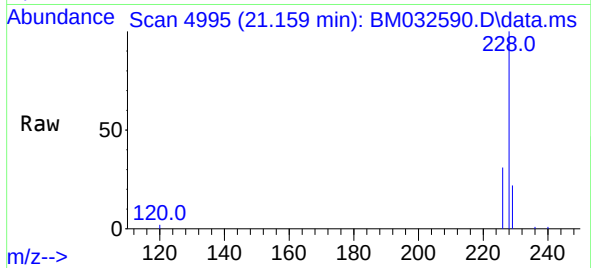
#21
Benzo(a)anthracene
Concen: 0.66 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:	228	Resp:	29691
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	28.6	22.4	33.6

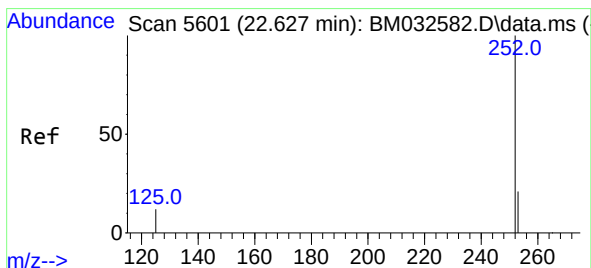
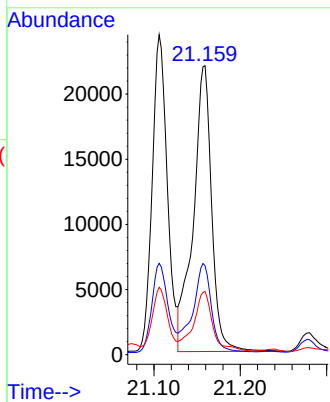
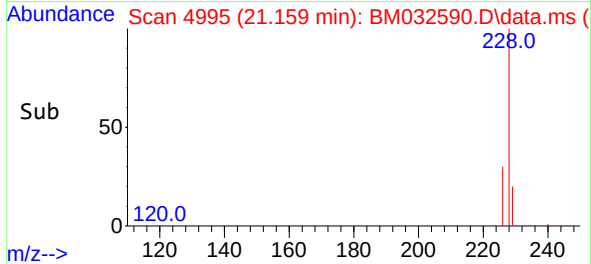




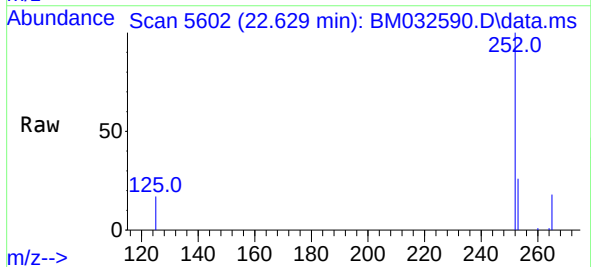
#22
Chrysene
Concen: 0.65 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48



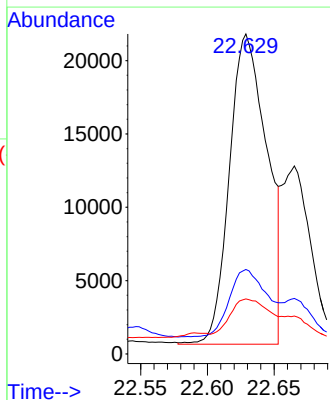
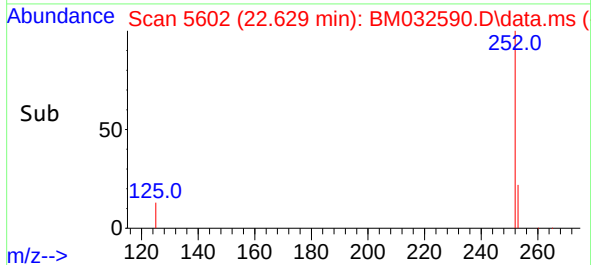
Tgt Ion:228 Resp: 32503
Ion Ratio Lower Upper
228 100
226 30.8 25.1 37.7
229 21.9 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.80 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48



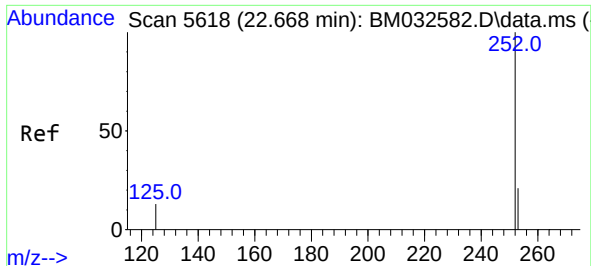
Tgt Ion:252 Resp: 41407
Ion Ratio Lower Upper
252 100
253 26.4 0.0 53.8
125 17.2 0.0 35.6



Instrument :
BNA_M
ClientSampleId :
C0B43

Manual Integrations
APPROVED

mohammad
10/20/2021 1:55:37 PM



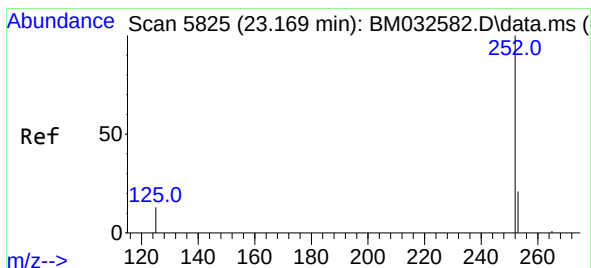
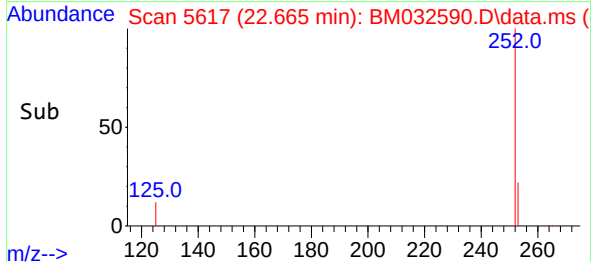
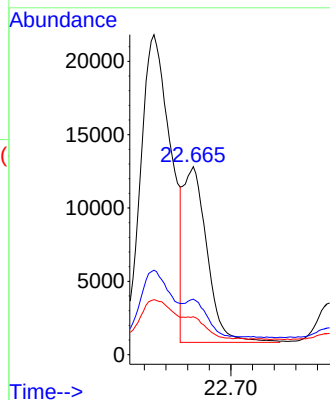
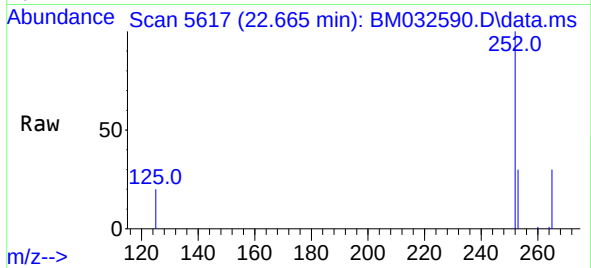
#25
Benzo(k)fluoranthene
Concen: 0.35 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.003 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:252	Resp:	18232
Ion Ratio	Lower	Upper
252	100	
253	29.5	21.8 32.6
125	20.2	14.4 21.6

Instrument :
BNA_M
ClientSampled :
C0B43

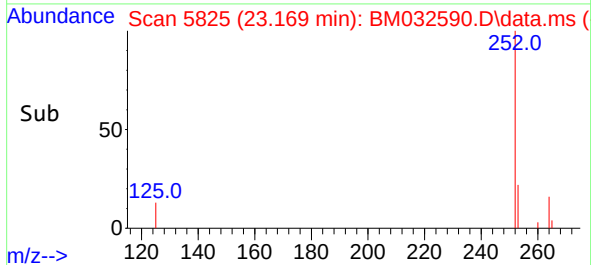
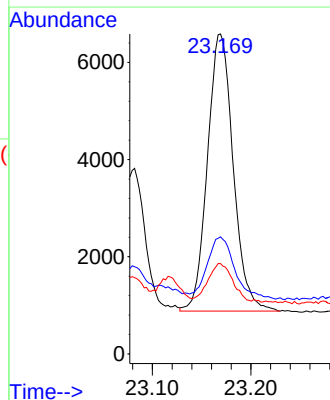
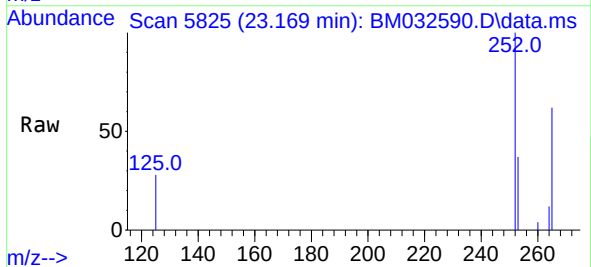
Manual Integrations
APPROVED

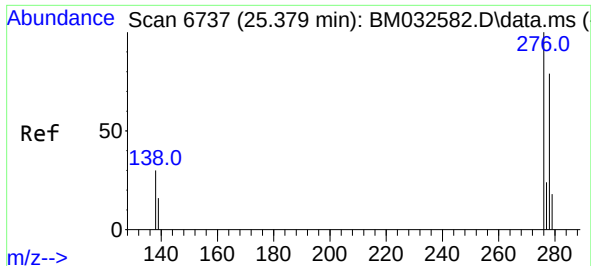
mohammad
10/20/2021 1:55:37 PM



#26
Benzo(a)pyrene
Concen: 0.24 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. -0.000 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion:252	Resp:	10354
Ion Ratio	Lower	Upper
252	100	
253	36.6	23.6 35.4#
125	28.2	17.1 25.7#





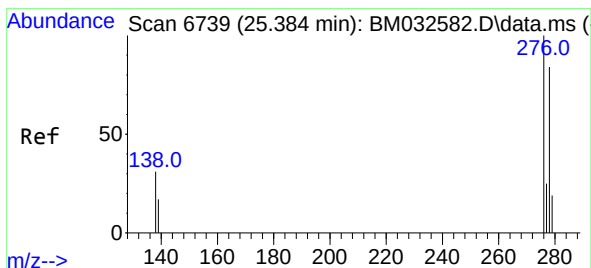
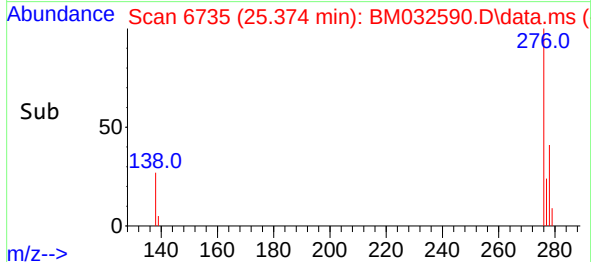
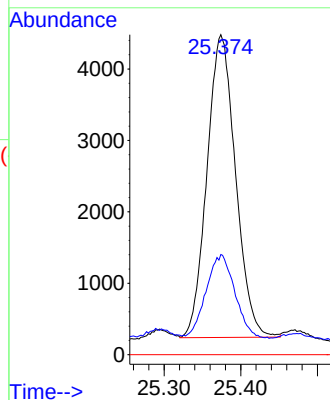
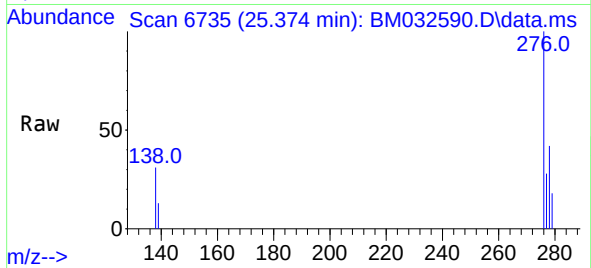
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.005 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion: 276 Resp: 10990
Ion Ratio Lower Upper
276 100
138 27.7 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C0B43

Manual Integrations
APPROVED

mohammad
10/20/2021 1:55:37 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.010 min
Lab File: BM032590.D
Acq: 19 Oct 2021 18:48

Tgt Ion: 278 Resp: 5167
Ion Ratio Lower Upper
278 100
139 30.5 18.6 28.0#
279 43.5 22.0 33.0#

