

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032278.D
 Acq On : 29 Sep 2021 18:49
 Operator : CG/JU
 Sample : PB139218BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS218

Manual Integrations
 APPROVED

mohammad
 9/30/2021 11:29:42 AM

Quant Time: Sep 30 01:04:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	6253	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.447	136	18562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	7957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	14363	0.400	ng/ul	-0.01
17) Chrysene-d12	21.186	240	10532	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	8785	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	4672	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	8774	0.355	ng/ul	-0.01
18) Fluoranthene-d10	19.042	212	11977	0.419	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.024	88	12899	1.865	ng/ul	89
5) Naphthalene	10.492	128	20181	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.111	142	12076	0.343	ng/ul	100
8) 1-Methylnaphthalene	12.331	142	11451	0.332	ng/ul	100
10) Acenaphthylene	14.016	152	12887	0.404	ng/ul	99
11) Acenaphthene	14.361	153	10895	0.371	ng/ul	98
12) Fluorene	15.343	166	11590	0.348	ng/ul	98
14) Pentachlorophenol	16.693	266	2311	0.636	ng/ul	98
15) Phenanthrene	17.064	178	16951	0.362	ng/ul	100
16) Anthracene	17.154	178	13871	0.360	ng/ul	99
19) Fluoranthene	19.072	202	17148	0.390	ng/ul	98
20) Pyrene	19.435	202	16988	0.385	ng/ul	99
21) Benzo(a)anthracene	21.169	228	14031	0.377	ng/ul	99
22) Chrysene	21.222	228	16410	0.376	ng/ul	99
24) Benzo(b)fluoranthene	22.702	252	16865	0.370	ng/ul	93
25) Benzo(k)fluoranthene	22.745	252	16197m	0.368	ng/ul	
26) Benzo(a)pyrene	23.254	252	13075	0.382	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.488	276	16998	0.388	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.493	278	13775	0.387	ng/ul	99
29) Benzo(g,h,i)perylene	26.142	276	16231	0.391	ng/ul	99

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

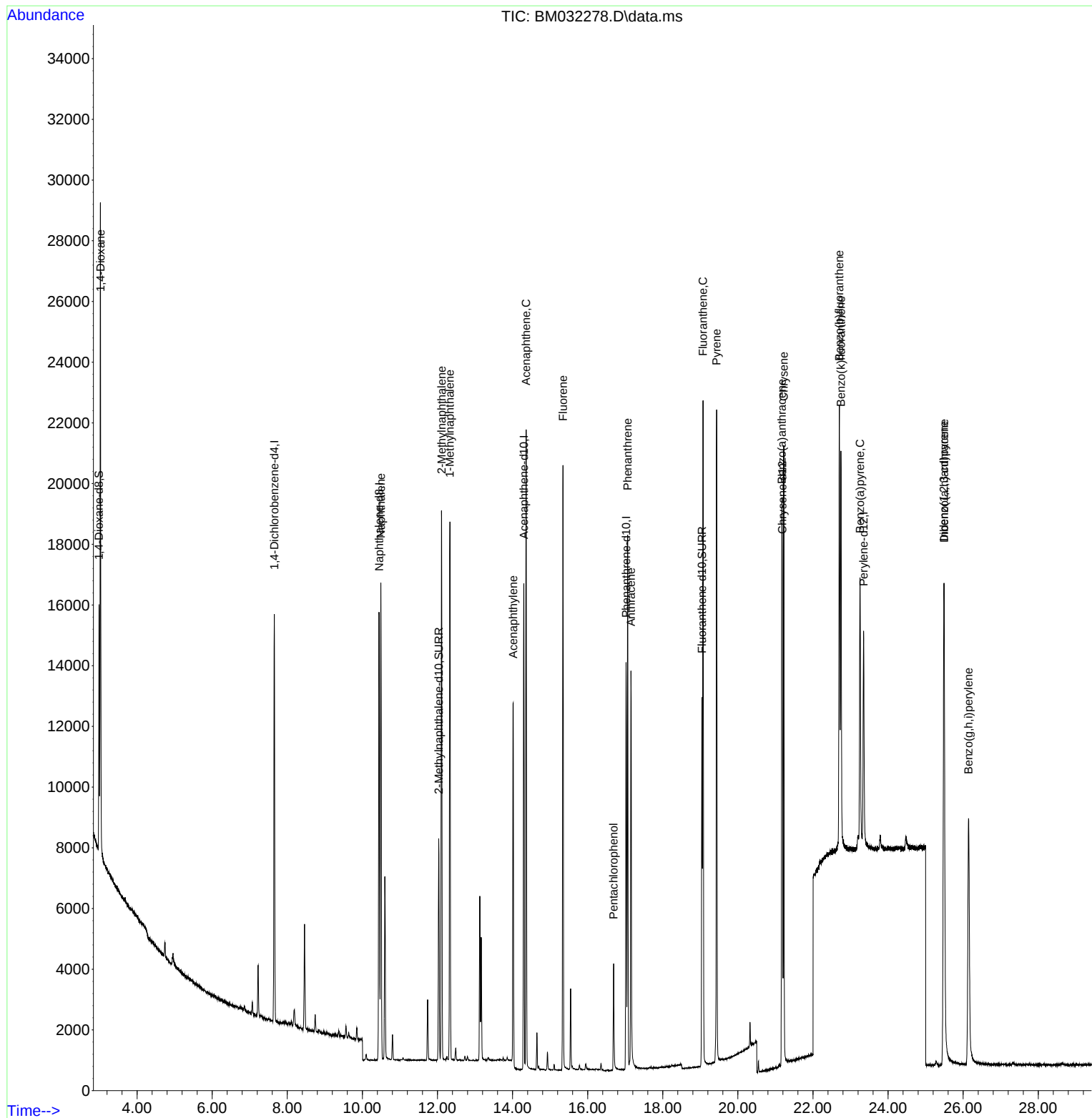
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032278.D
Acq On : 29 Sep 2021 18:49
Operator : CG/JU
Sample : PB139218BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

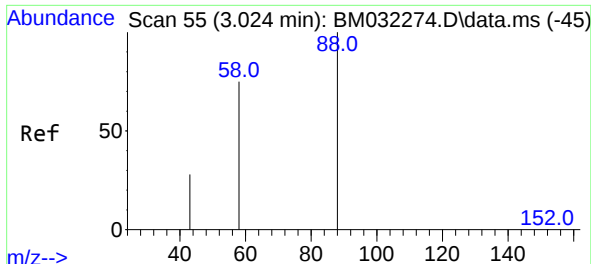
Instrument :
BNA_M
ClientSampleId :
SLCS218

Manual Integrations
APPROVED

mohammad
9/30/2021 11:29:42 AM

Quant Time: Sep 30 01:04:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration





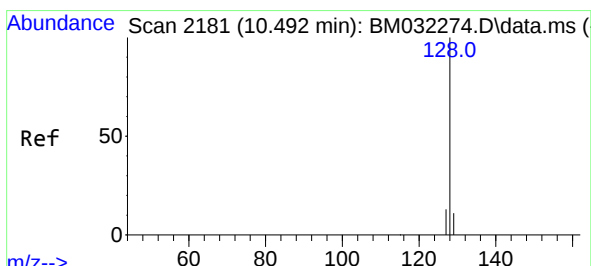
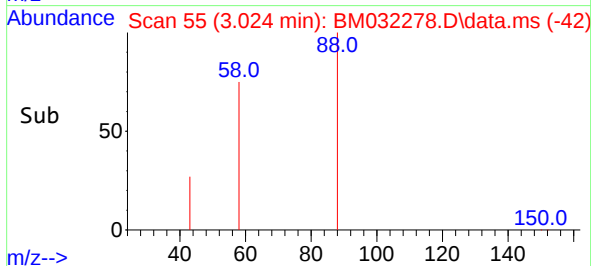
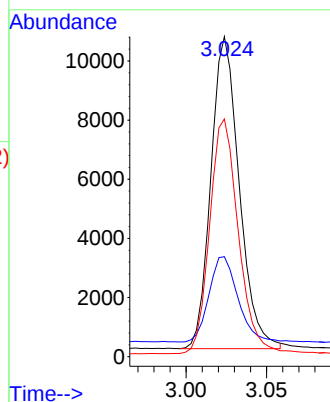
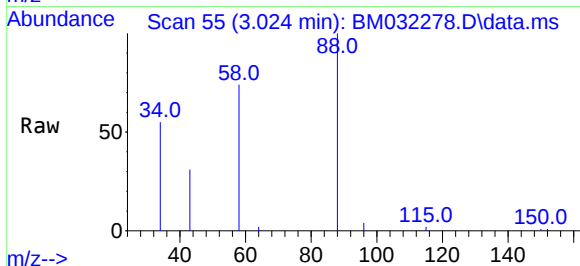
#2
1,4-Dioxane
Concen: 1.865 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.004 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 88	Resp: 12899
Ion Ratio	Lower Upper
88 100	
43 31.3	26.1 39.1
58 74.3	50.2 75.2

Instrument :
BNA_M
ClientSampled :
SLCS218

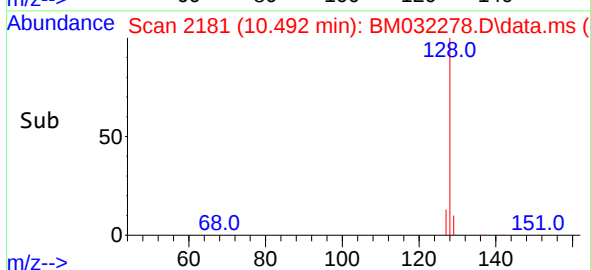
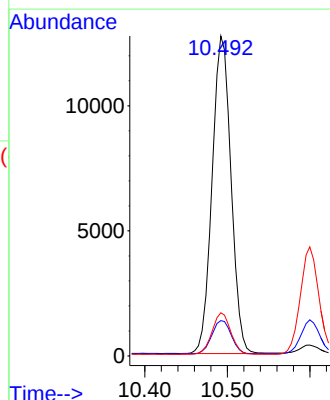
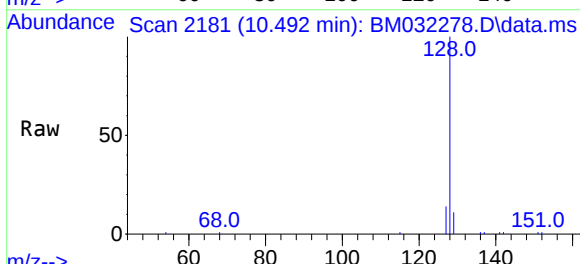
Manual Integrations
APPROVED

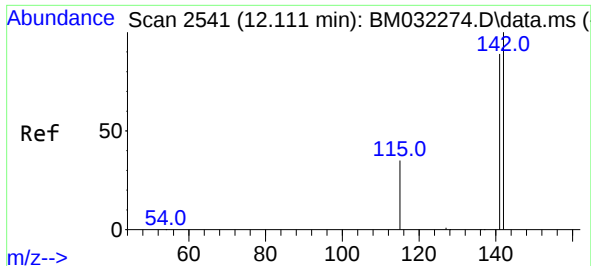
mohammad
9/30/2021 11:29:42 AM



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. -0.014 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:128	Resp: 20181
Ion Ratio	Lower Upper
128 100	
129 11.1	9.0 13.4
127 13.5	10.5 15.7





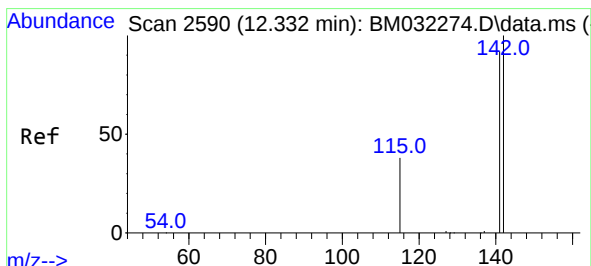
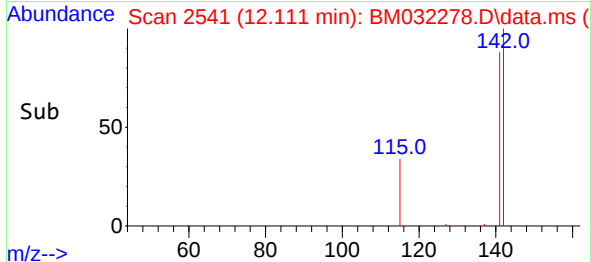
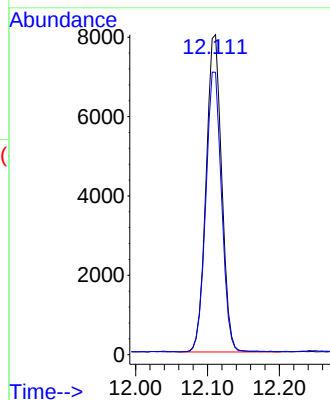
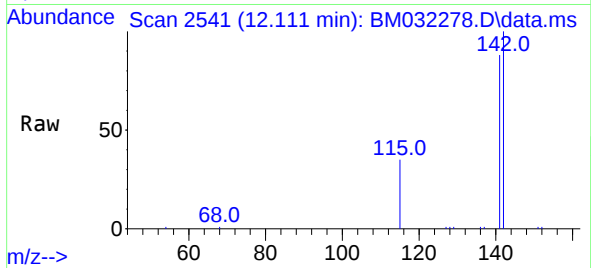
#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:142 Resp: 12076
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8

Instrument :
BNA_M
ClientSampled :
SLCS218

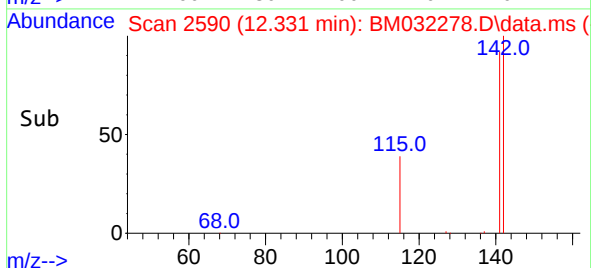
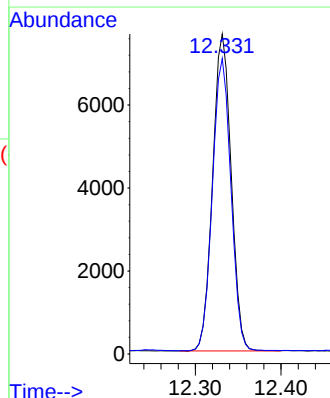
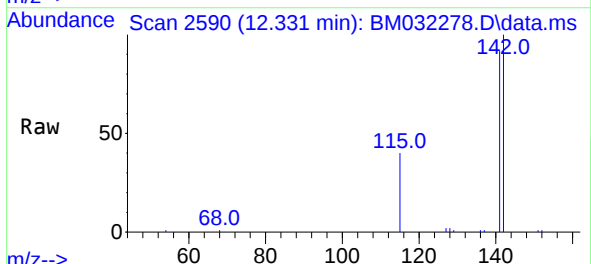
Manual Integrations
APPROVED

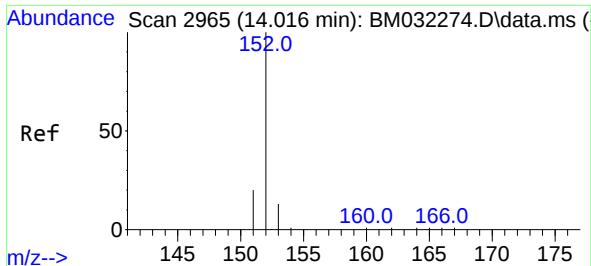
mohammad
9/30/2021 11:29:42 AM



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.331 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:142 Resp: 11451
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6





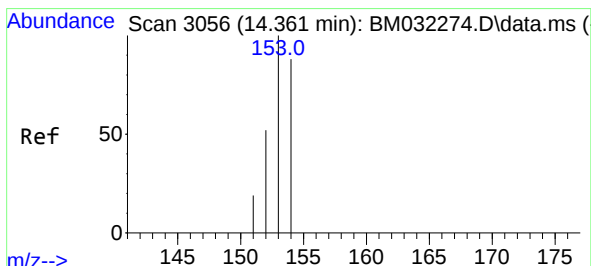
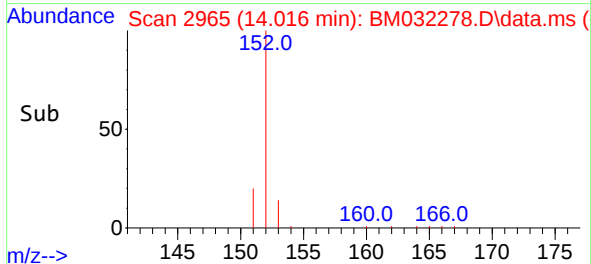
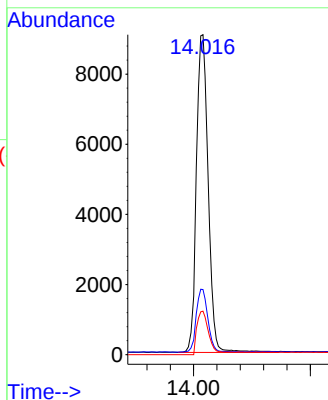
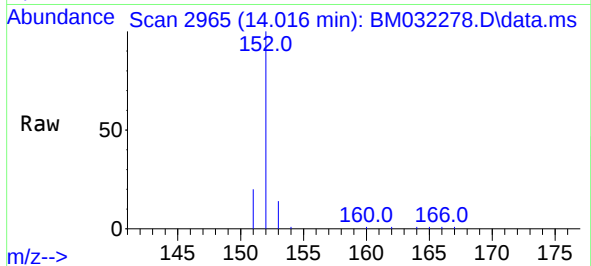
#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	152	Resp:	12887
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.0	24.0
153	13.6	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
SLCS218

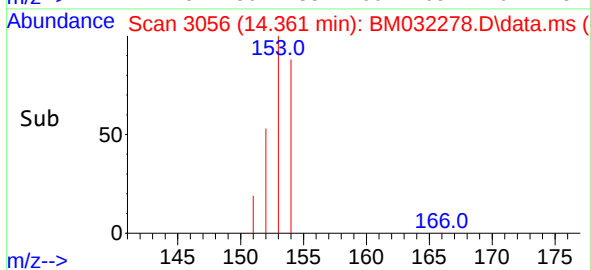
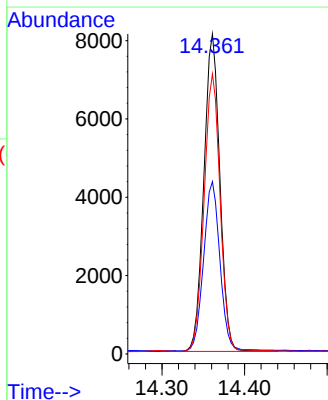
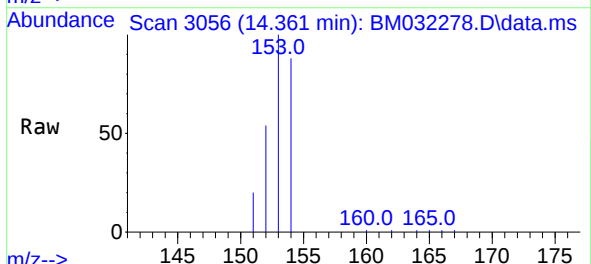
Manual Integrations
APPROVED

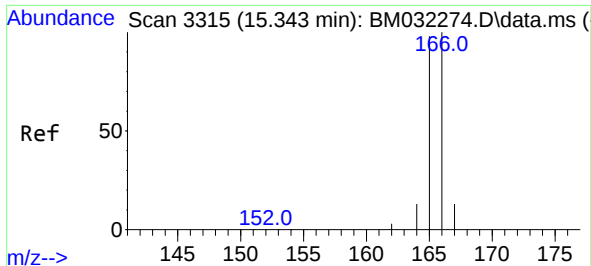
mohammad
9/30/2021 11:29:42 AM



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	153	Resp:	10895
Ion Ratio	Lower	Upper	
153	100		
152	53.8	41.6	62.4
154	87.5	71.2	106.8





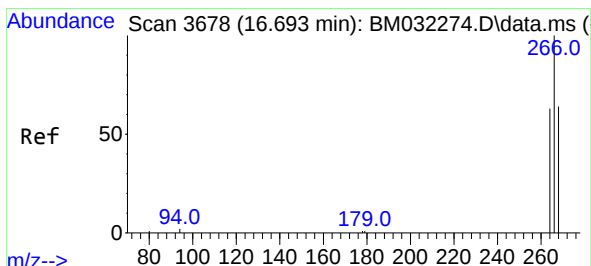
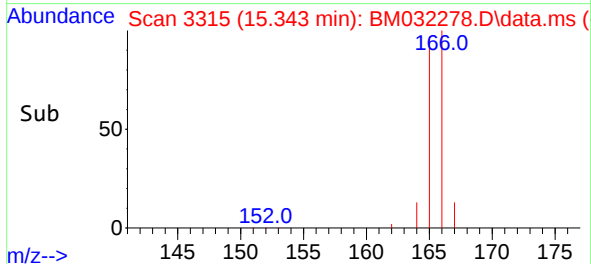
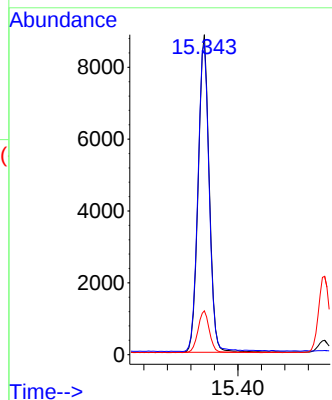
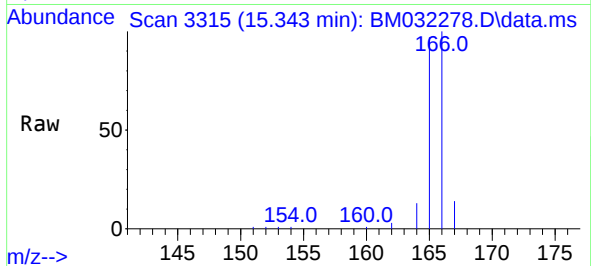
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	166	Resp:	11590
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.4	119.2
167	13.7	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
SLCS218

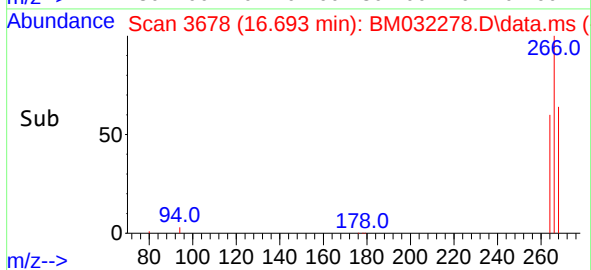
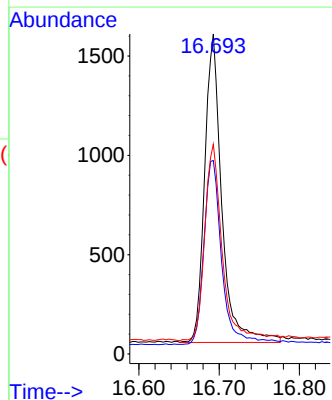
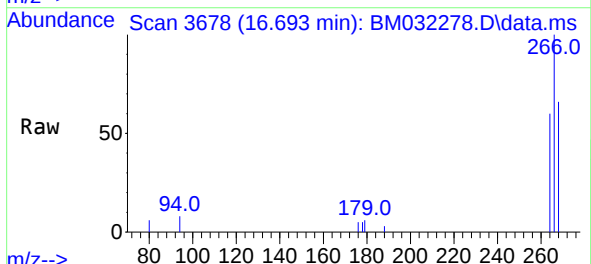
Manual Integrations
APPROVED

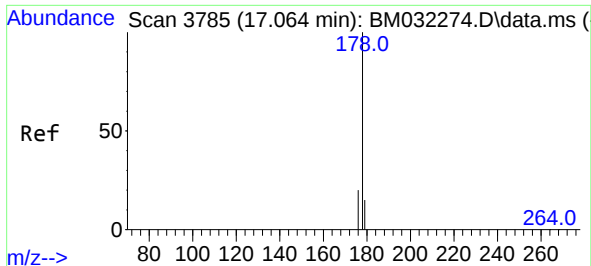
mohammad
9/30/2021 11:29:42 AM



#14
Pentachlorophenol
Concen: 0.636 ng/ul
RT: 16.693 min Scan# 3678
Delta R.T. -0.007 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	266	Resp:	2311
Ion Ratio	Lower	Upper	
266	100		
264	62.1	49.8	74.8
268	65.5	50.4	75.6





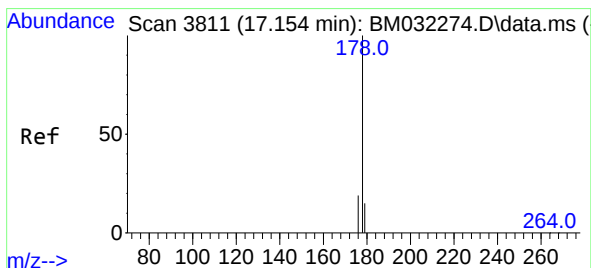
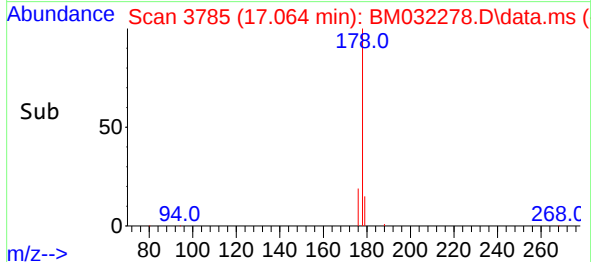
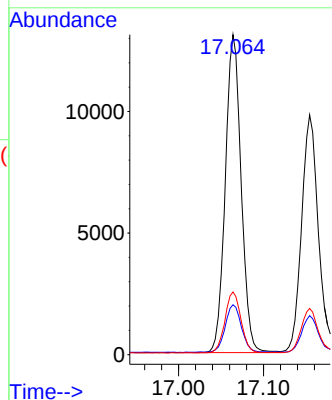
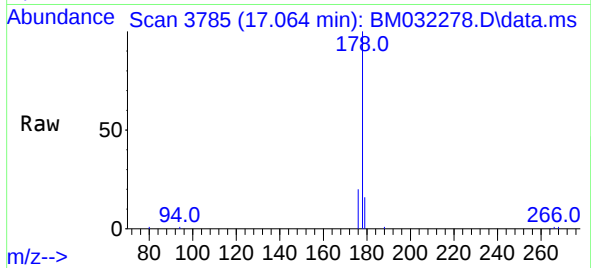
#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.010 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	178	Resp:	16951
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.6	15.8	23.6

Instrument :
BNA_M
ClientSampleId :
SLCS218

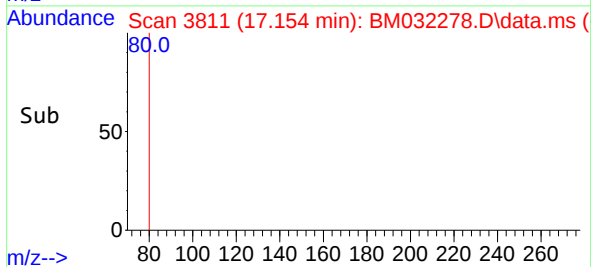
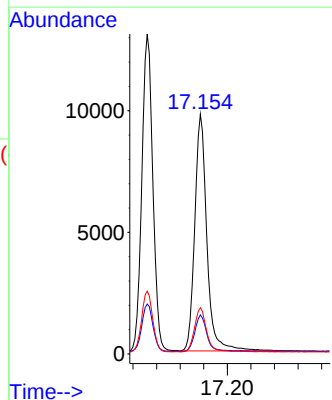
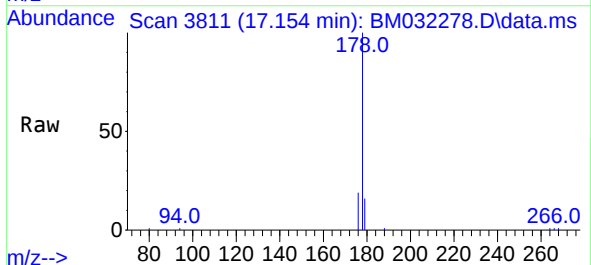
Manual Integrations
APPROVED

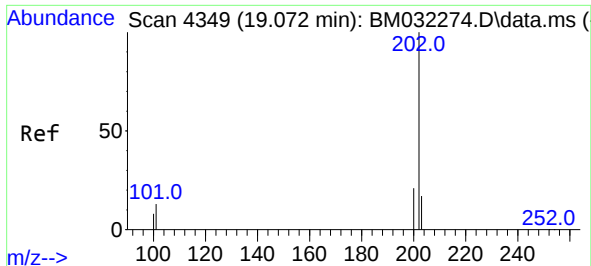
mohammad
9/30/2021 11:29:42 AM



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	178	Resp:	13871
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.7	19.1
176	19.3	15.3	22.9





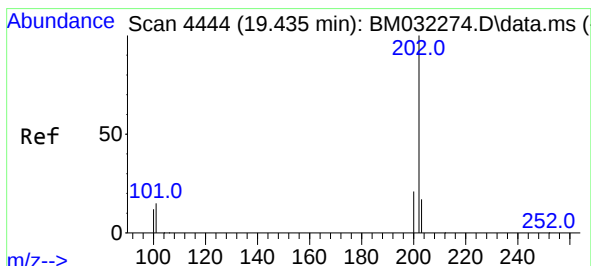
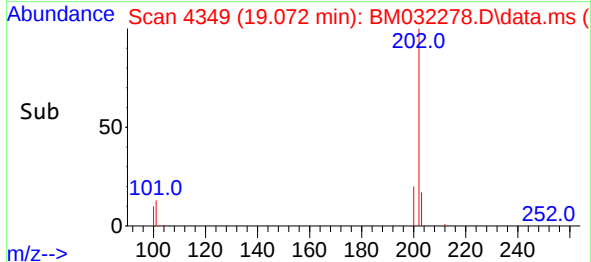
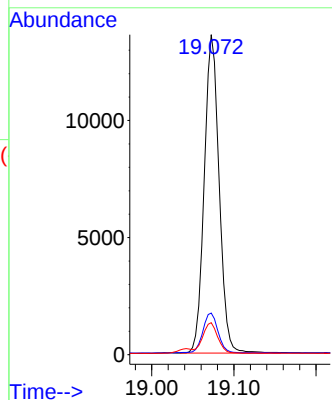
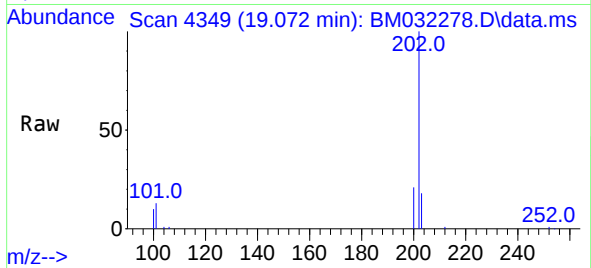
#19
Fluoranthene
Concen: 0.390 ng/u1
RT: 19.072 min Scan# 4349
Delta R.T. -0.011 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	202	Resp:	17148
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.8	14.8
100	10.0	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
SLCS218

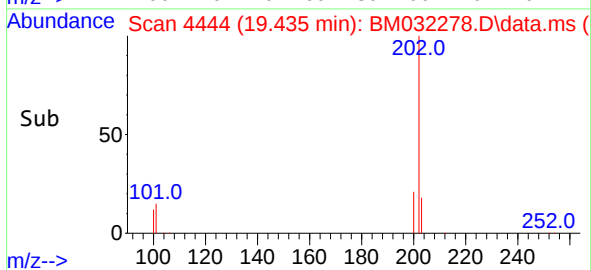
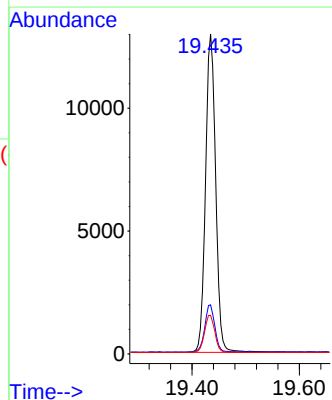
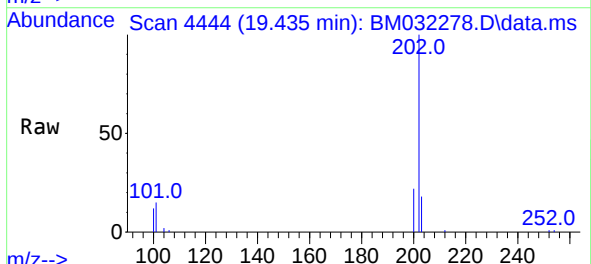
Manual Integrations
APPROVED

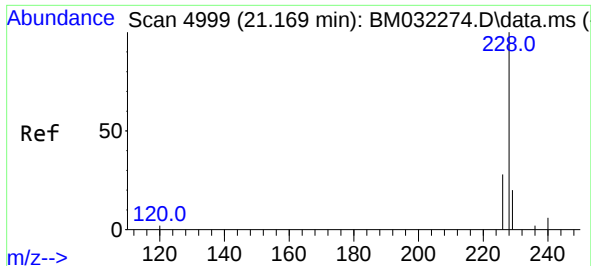
mohammad
9/30/2021 11:29:42 AM



#20
Pyrene
Concen: 0.385 ng/u1
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	202	Resp:	16988
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.1	18.1
100	12.1	9.8	14.6





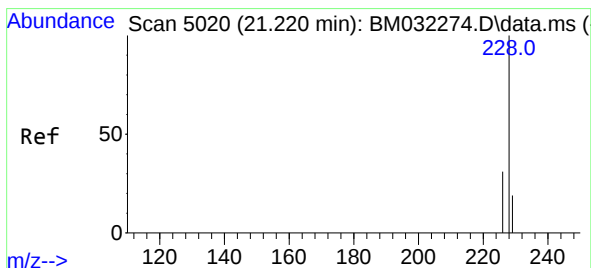
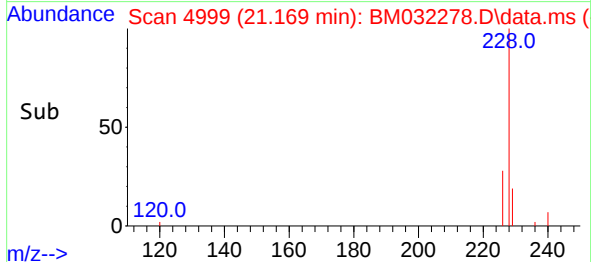
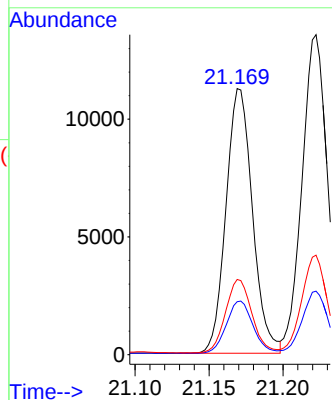
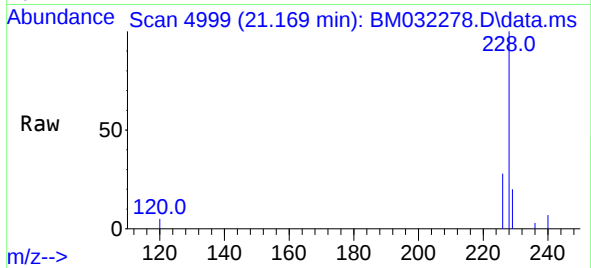
#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.169 min Scan# 4999
Delta R.T. -0.010 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:228	Resp:	14031
Ion Ratio	Lower	Upper
228	100	
229	19.9	16.0 24.0
226	28.3	22.3 33.5

Instrument :
BNA_M
ClientSampled :
SLCS218

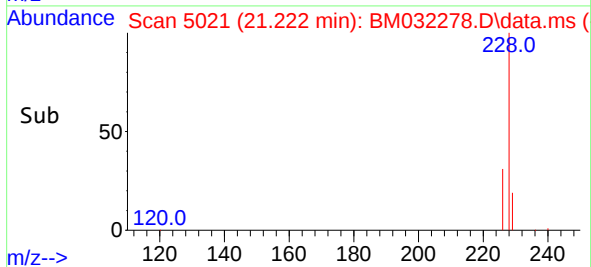
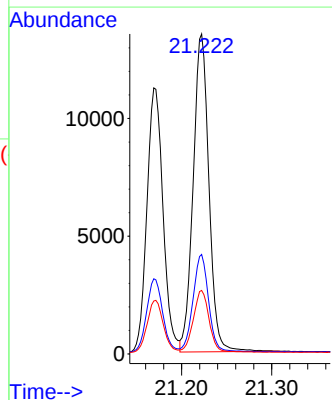
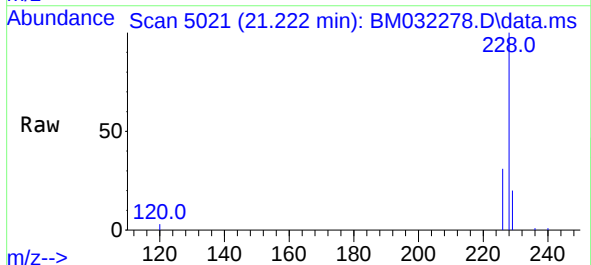
Manual Integrations
APPROVED

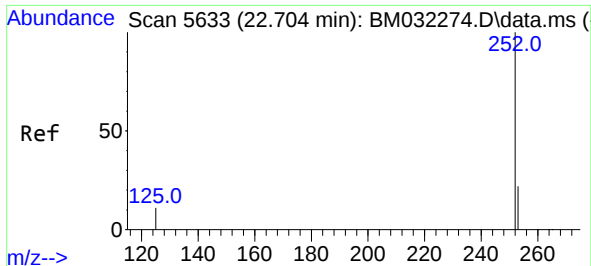
mohammad
9/30/2021 11:29:42 AM



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:228	Resp:	16410
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.6 37.0
229	19.9	15.6 23.4





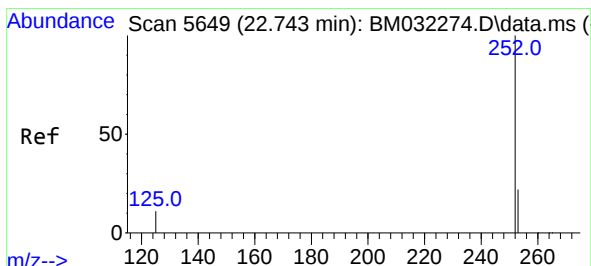
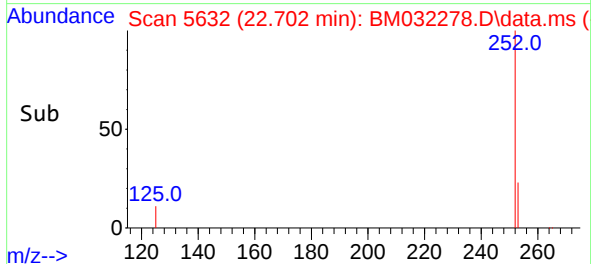
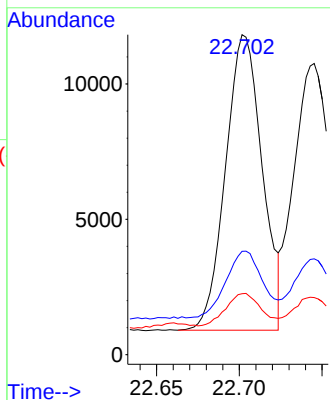
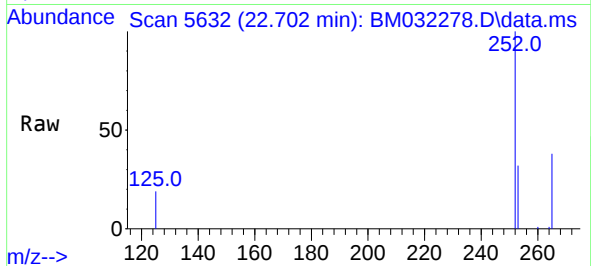
#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.702 min Scan# 5632
Delta R.T. -0.012 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:252	Resp:	16865
Ion Ratio	Lower	Upper
252	100	
253	32.3	0.0 58.0
125	19.1	0.0 31.4

Instrument :
BNA_M
ClientSampled :
SLCS218

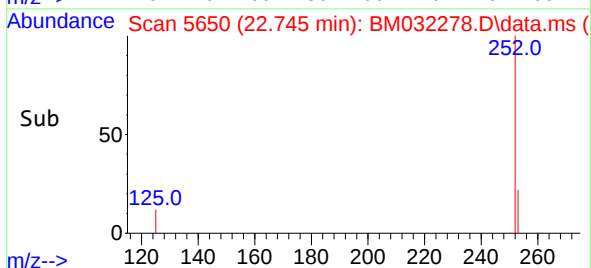
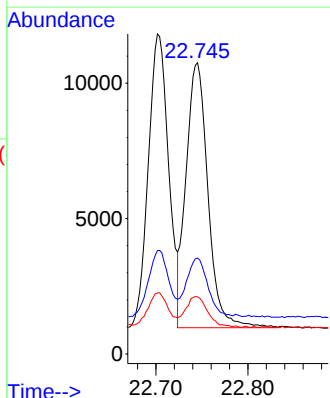
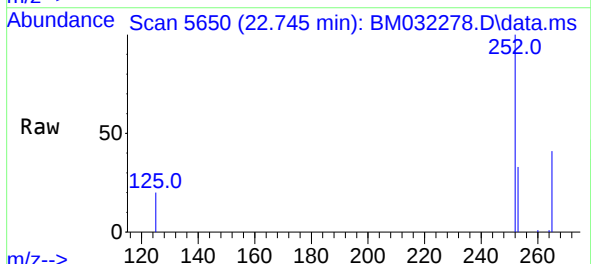
Manual Integrations
APPROVED

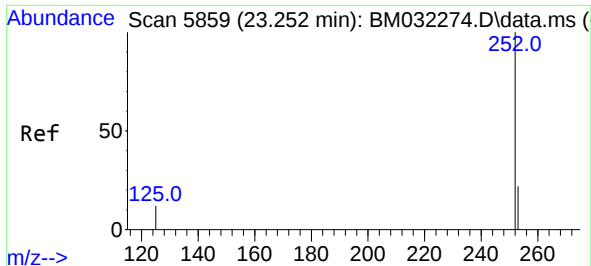
mohammad
9/30/2021 11:29:42 AM



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul m
RT: 22.745 min Scan# 5650
Delta R.T. -0.010 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:252	Resp:	16197
Ion Ratio	Lower	Upper
252	100	
253	32.9	22.9 34.3
125	19.6	12.9 19.3#





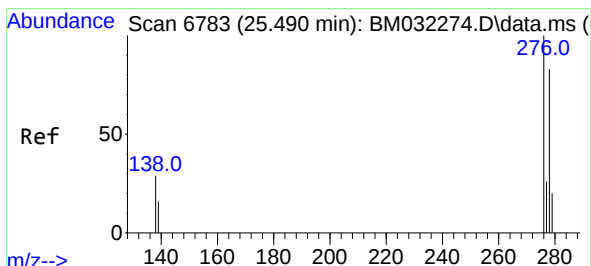
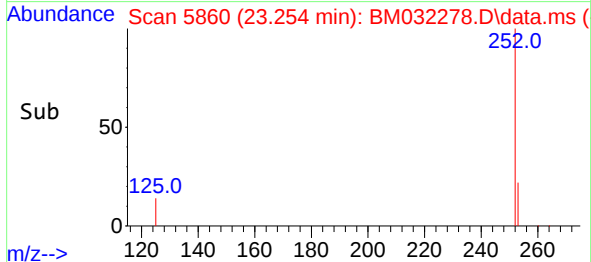
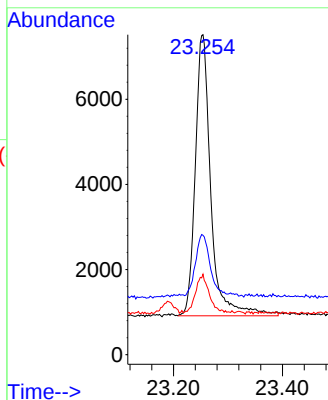
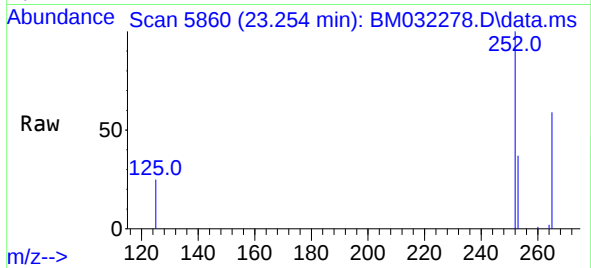
#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

Tgt Ion:	252	Resp:	13075
Ion Ratio	Lower	Upper	
252	100		
253	37.3	25.8	38.8
125	25.2	15.4	23.2#

Instrument :
BNA_M
ClientSampled :
SLCS218

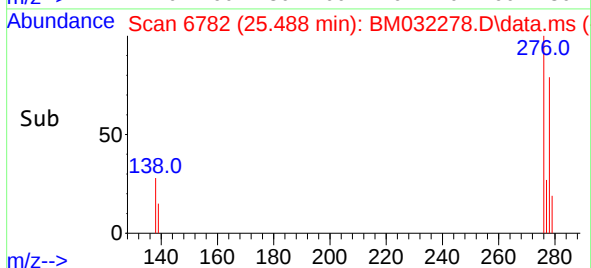
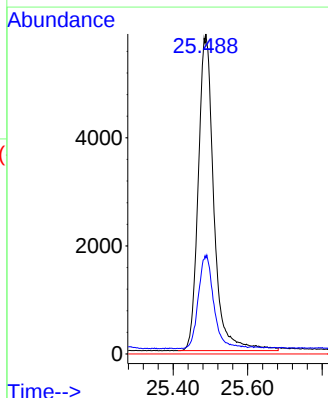
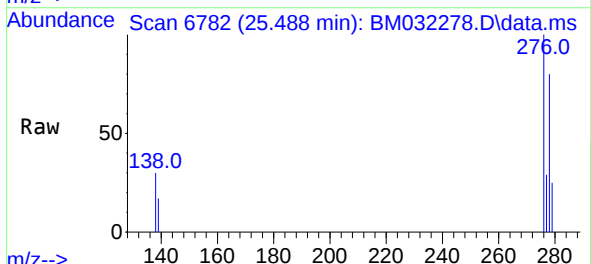
Manual Integrations
APPROVED

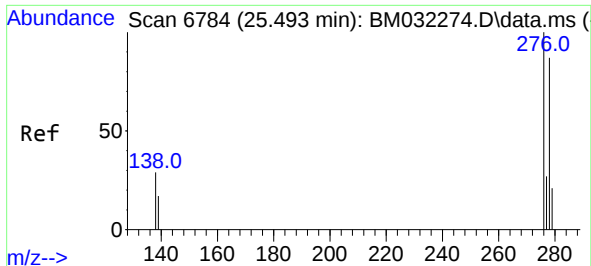
mohammad
9/30/2021 11:29:42 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.017 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

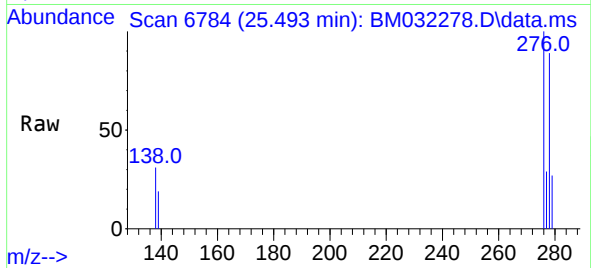
Tgt Ion:	276	Resp:	16998
Ion Ratio	Lower	Upper	
276	100		
138	29.1	24.3	36.5
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.493 min Scan# 6784
Delta R.T. -0.017 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49

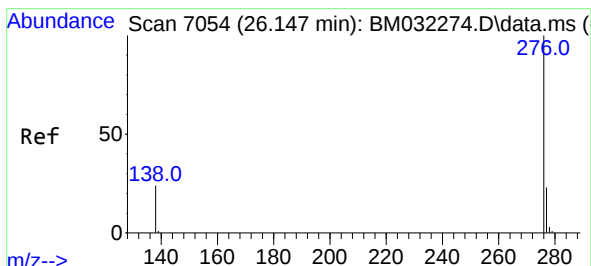
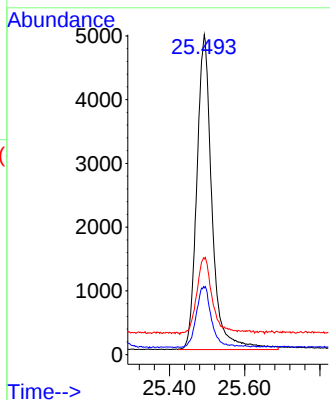
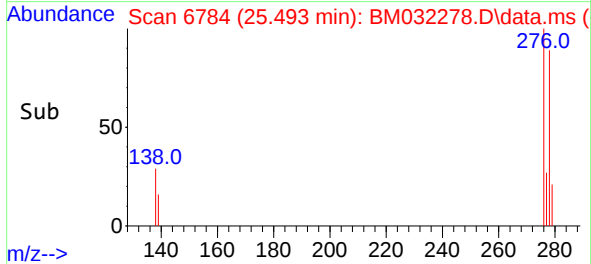
Instrument :
BNA_M
ClientSampled :
SLCS218



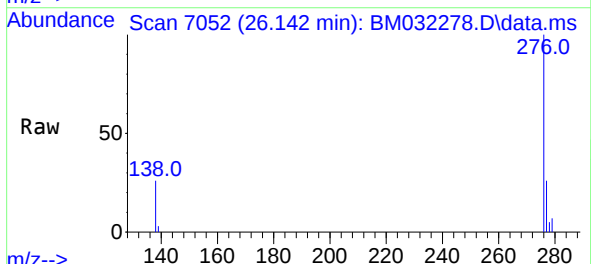
Tgt Ion:278 Resp: 13775
Ion Ratio Lower Upper
278 100
139 20.8 16.6 24.8
279 29.9 23.0 34.6

Manual Integrations
APPROVED

mohammad
9/30/2021 11:29:42 AM



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.142 min Scan# 7052
Delta R.T. -0.022 min
Lab File: BM032278.D
Acq: 29 Sep 2021 18:49



Tgt Ion:276 Resp: 16231
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 25.9 19.8 29.8

