Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035738.D
Acq On : 28 Jun 2022 23:45
Operator : CG/JU
Sample : PB145703BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 04:28:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 04:24:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	1616m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.611	136	6484	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.432	164	3419m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	6071m	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	5692	0.400	ng/ul	# 0.00
23) Perylene-d12	23.698	264	5489	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	1982	0.904	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	3367	0.332	ng/ul	0.02
18) Fluoranthene-d10	19.215	212	6397	0.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	4834	2.229	ng/ul#	79
5) Naphthalene	10.666	128	6552	0.331	ng/ul	96
7) 2-Methylnaphthalene	12.294	142	3688	0.297	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3929	0.335	ng/ul	100
10) Acenaphthylene	14.164	152	6197	0.346	ng/ul	98
11) Acenaphthene	14.497	153	4515	0.327	ng/ul	99
12) Fluorene	15.501	166	4900	0.308	ng/ul	98
14) Pentachlorophenol	16.887	266	859	0.896	ng/ul	98
15) Phenanthrene	17.233	178	7227	0.328	ng/ul	98
16) Anthracene	17.343	178	5924	0.324	ng/ul	97
19) Fluoranthene	19.248	202	8522	0.299	ng/ul	100
20) Pyrene	19.610	202	9749	0.305	ng/ul	99
21) Benzo(a)anthracene	21.360	228	7119	0.362	ng/ul	96
22) Chrysene	21.410	228	8912	0.352	ng/ul	98
24) Benzo(b)fluoranthene	22.991	252	8947	0.380	ng/ul	88
25) Benzo(k)fluoranthene	23.037	252	9284	0.386	ng/ul#	90
26) Benzo(a)pyrene	23.602	252	9584	0.399	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.108	276	11778	0.450	ng/ul	99
28) Dibenzo(a,h)anthracene	26.122	278	9534	0.460	ng/ul#	87
29) Benzo(g,h,i)perylene	26.839	276	10959	0.454	ng/ul	95

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

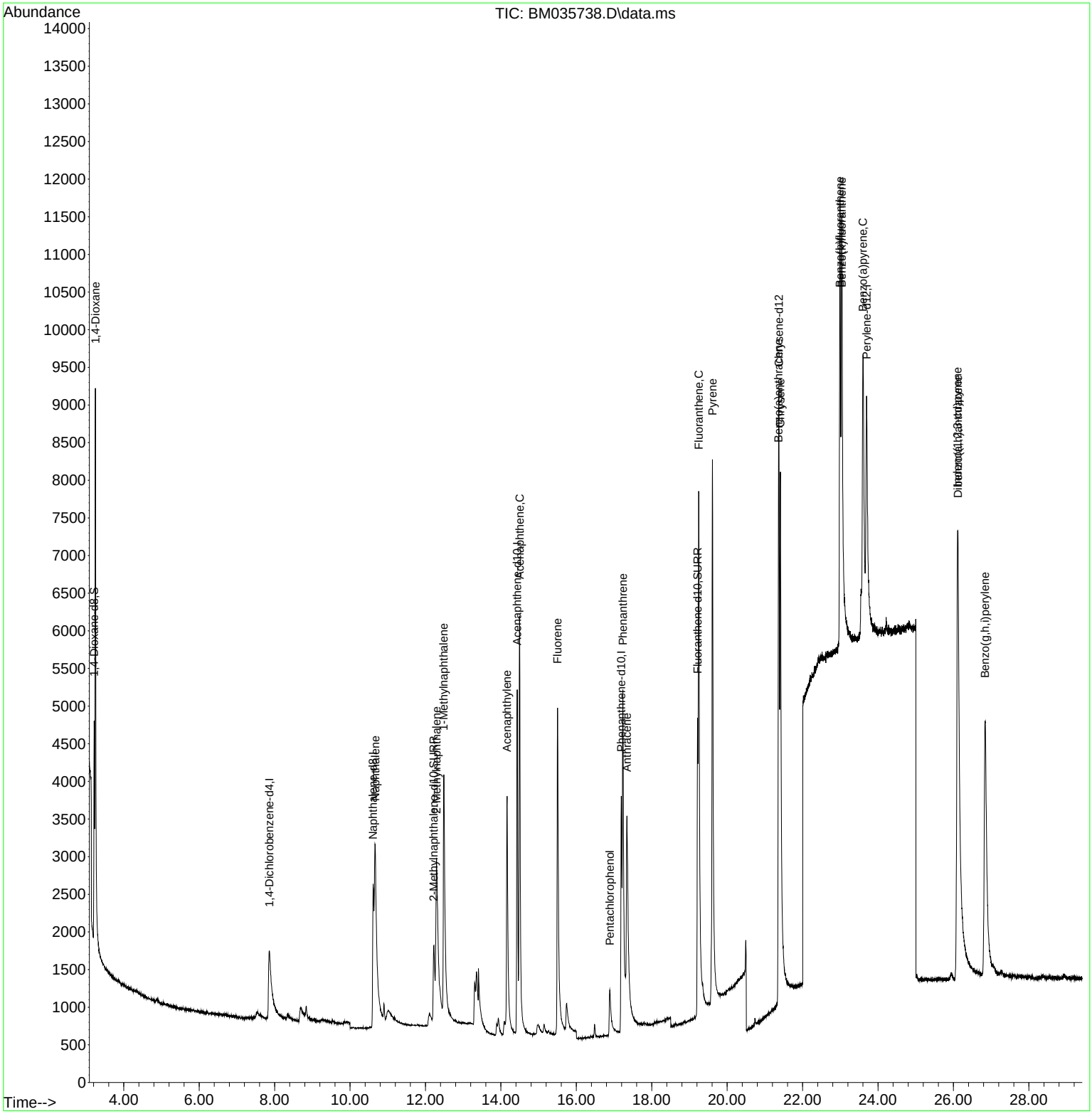
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035738.D
Acq On : 28 Jun 2022 23:45
Operator : CG/JU
Sample : PB145703BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

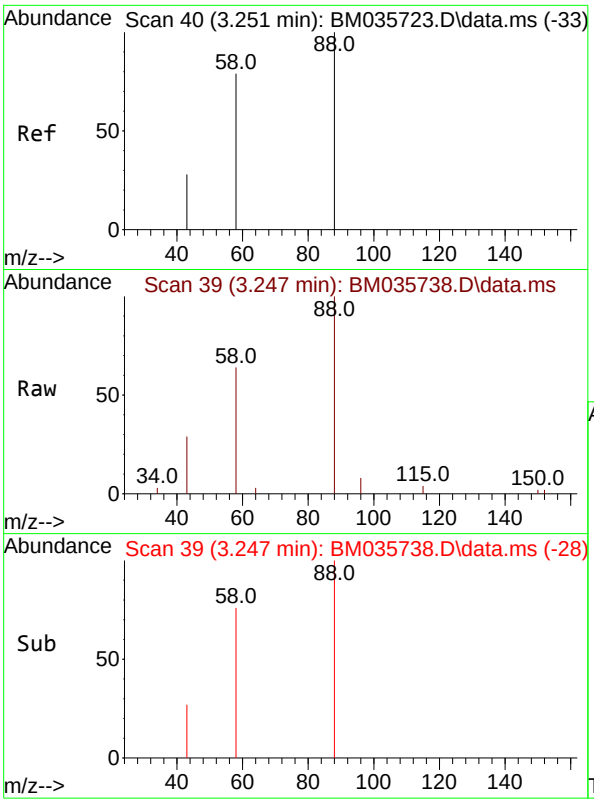
Quant Time: Jun 29 04:28:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 04:24:18 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

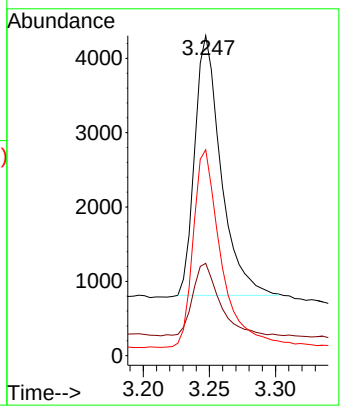




#2
1,4-Dioxane
Concen: 2.229 ng/ul
RT: 3.247 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion: 88 Resp: 483

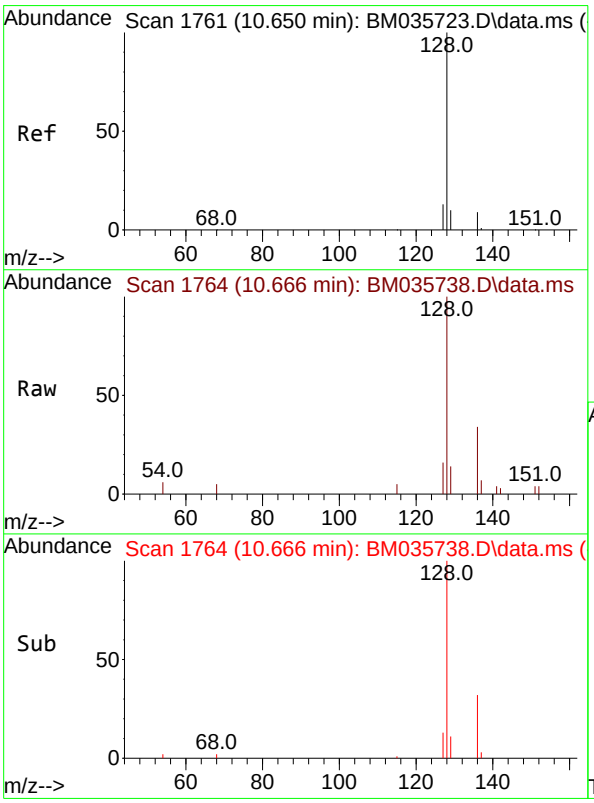
Ion	Ratio	Lower	Upper
88	100		
43	28.9	37.8	56.6#
58	64.3	42.6	63.8#



Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

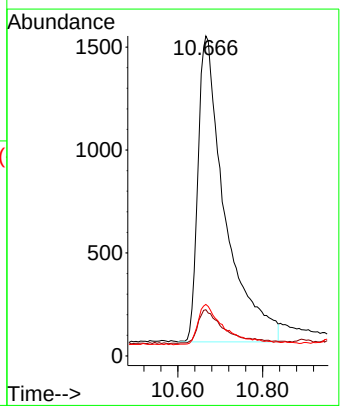
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

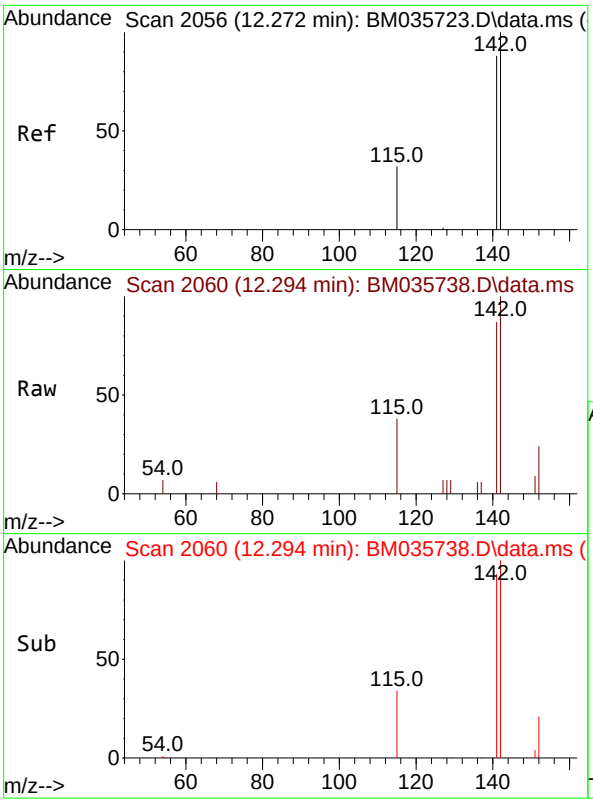


#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. 0.017 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:128 Resp: 6552

Ion	Ratio	Lower	Upper
128	100		
129	14.4	10.2	15.2
127	16.1	11.7	17.5





#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. 0.022 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

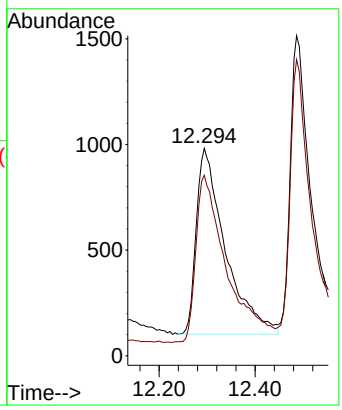
Tgt Ion:142 Resp: 368

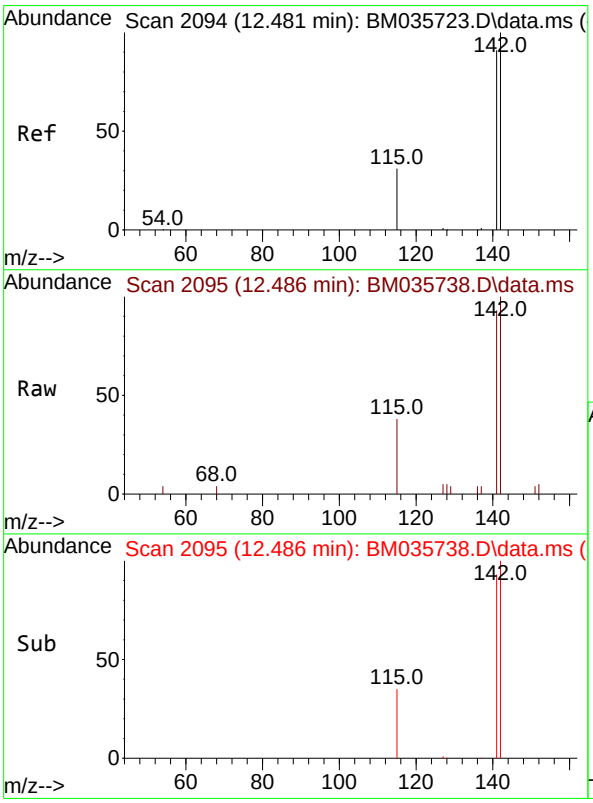
Ion	Ratio	Lower	Upper
142	100		
141	95.4	77.4	116.0

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

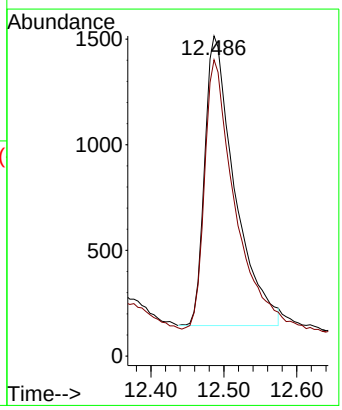


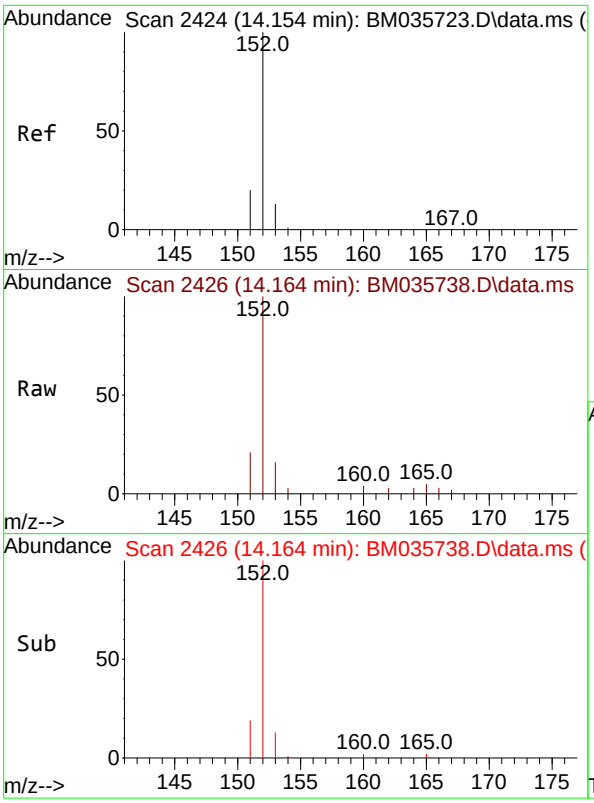


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.486 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:142 Resp: 3929

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1

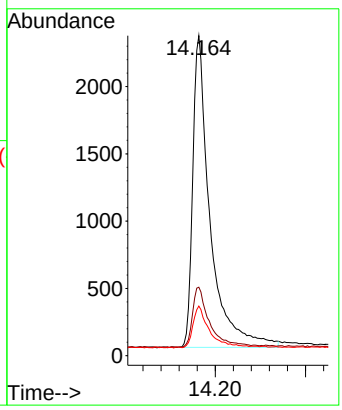




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.164 min Scan# 24
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:152 Resp: 619

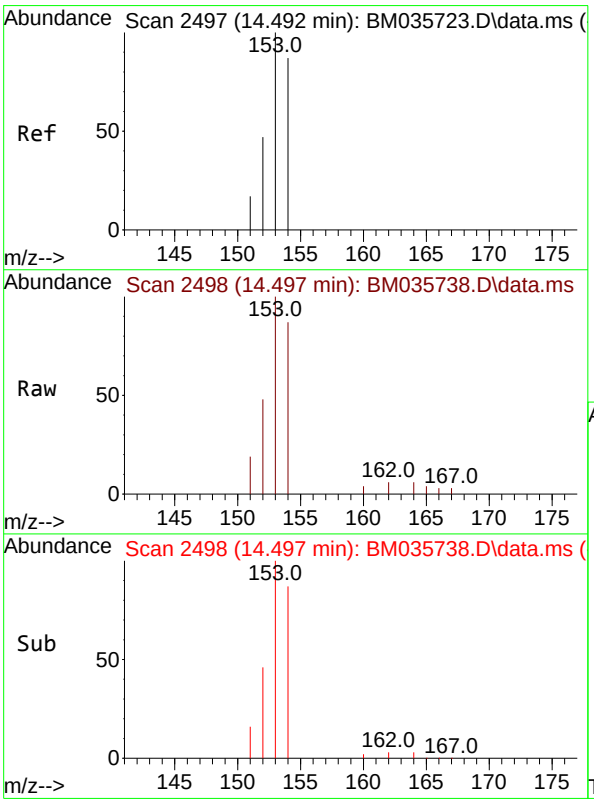
Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	24.8
153	15.5	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

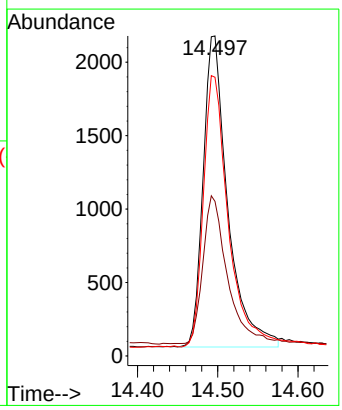
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

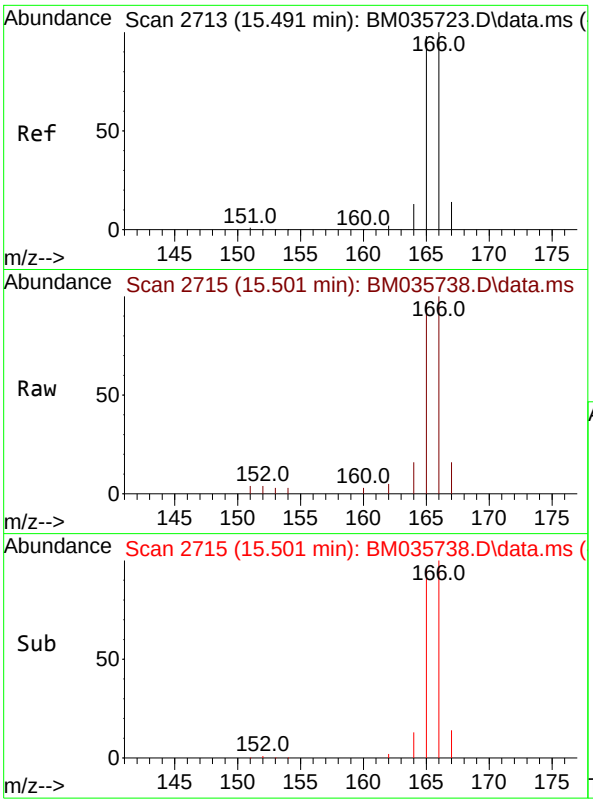


#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:153 Resp: 4515

Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.2	60.4
154	87.1	69.7	104.5

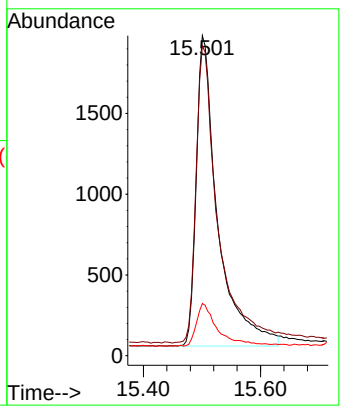




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.501 min Scan# 2
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:166 Resp: 490

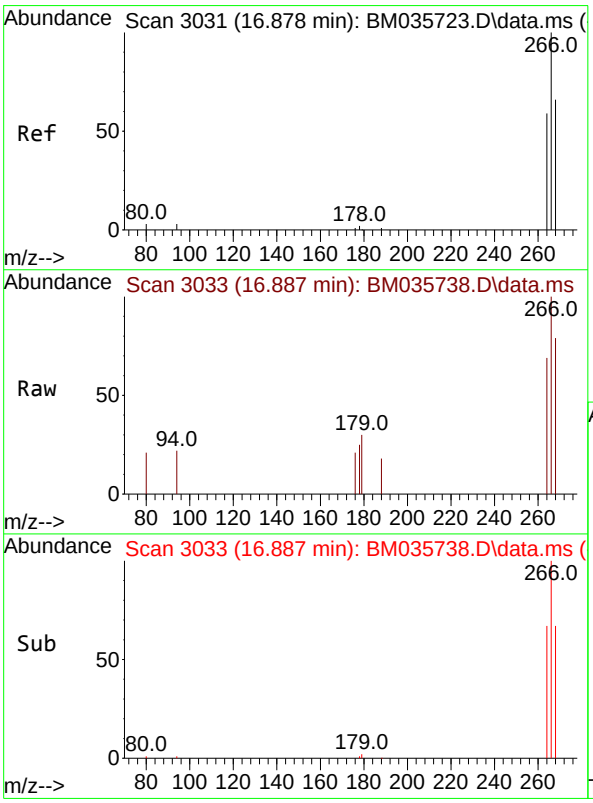
Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.9	118.3
167	16.3	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

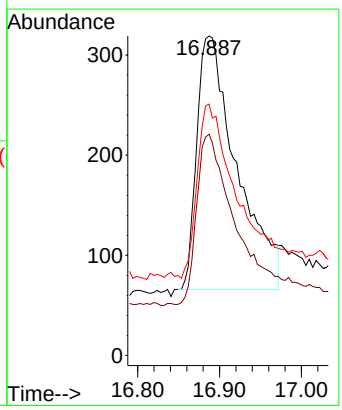
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

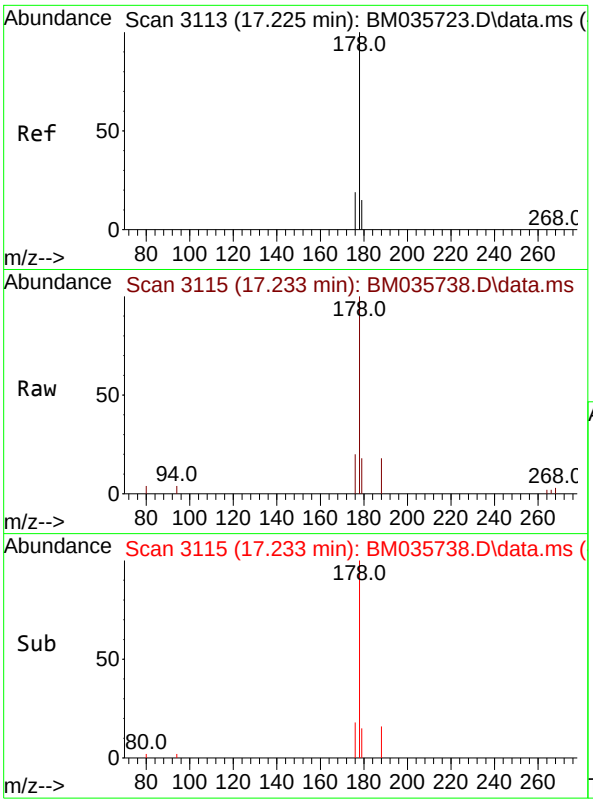


#14
Pentachlorophenol
Concen: 0.896 ng/ul
RT: 16.887 min Scan# 3033
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:266 Resp: 859

Ion	Ratio	Lower	Upper
266	100		
264	64.5	50.3	75.5
268	68.5	53.5	80.3

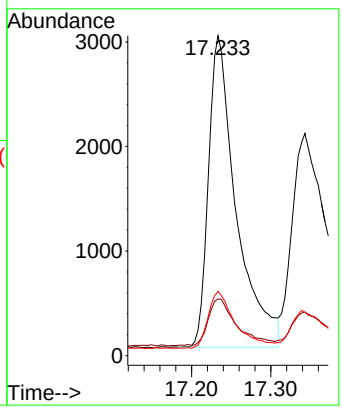




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:178 Resp: 722

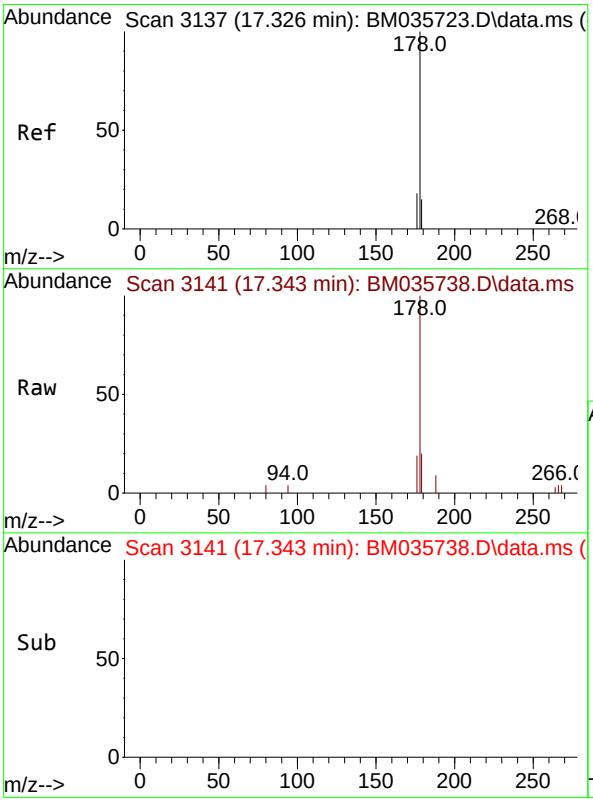
Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

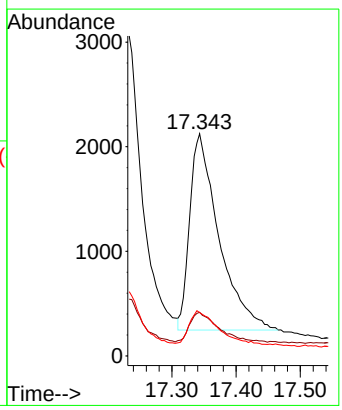
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

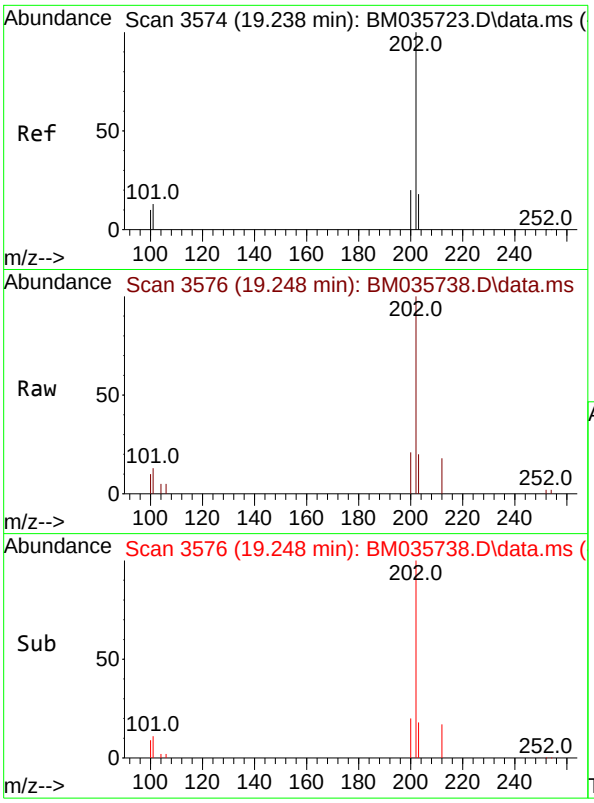


#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:178 Resp: 5924

Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.6	20.4
176	19.5	15.6	23.4





#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.010 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

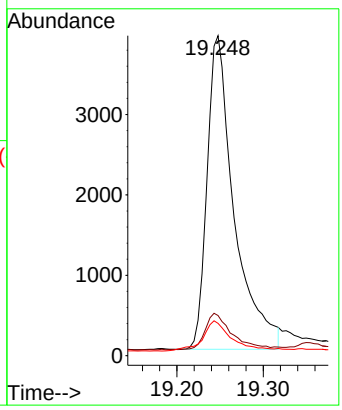
Tgt Ion:202 Resp: 852

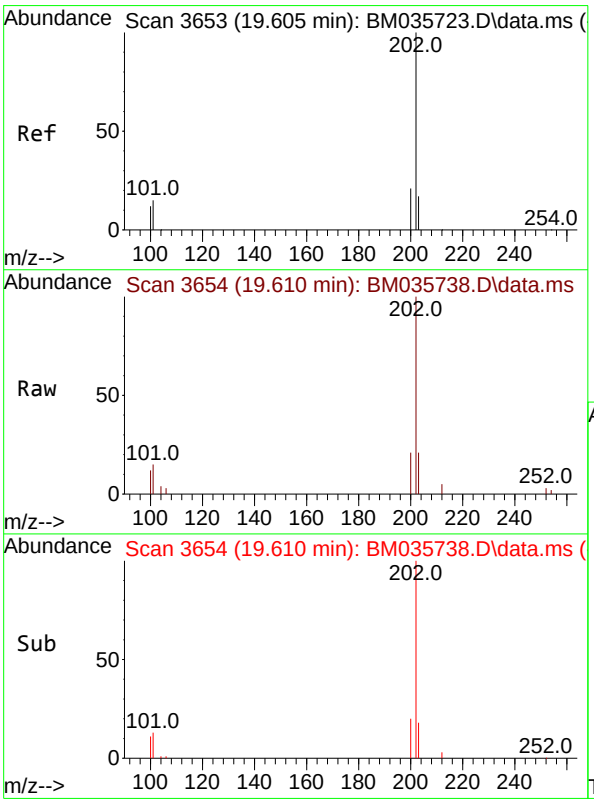
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	10.1	7.9	11.9

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

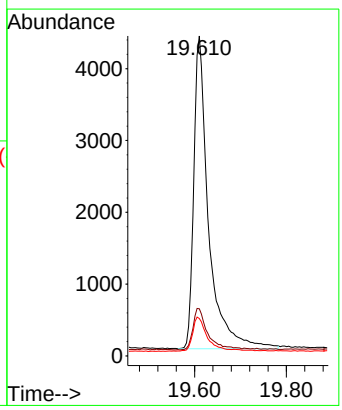


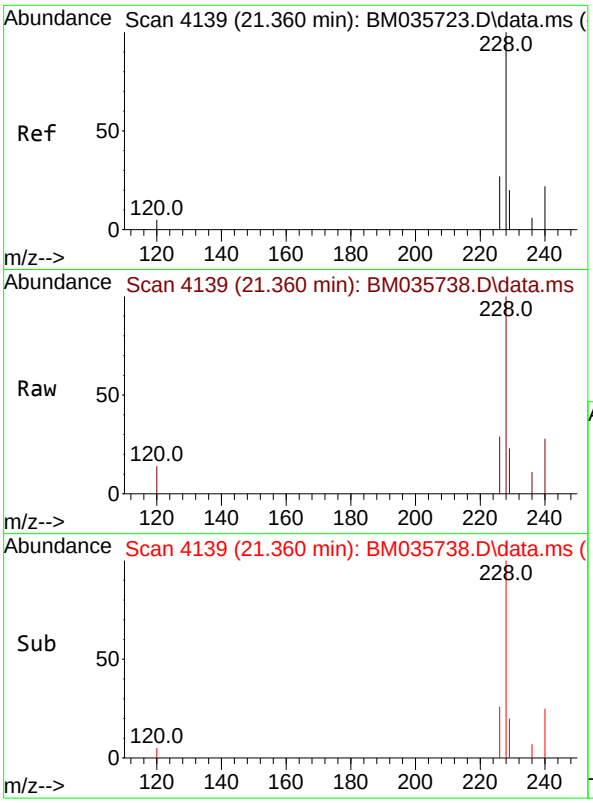


#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.610 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:202 Resp: 9749

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.0	18.0
100	11.7	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.360 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

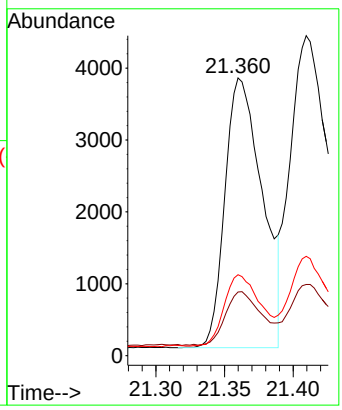
Tgt Ion:228 Resp: 711

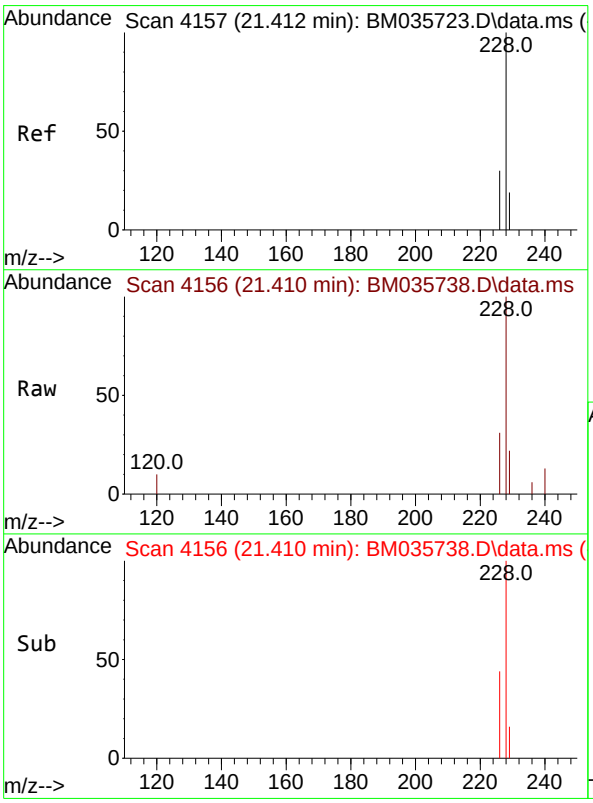
Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.2
226	29.1	22.5	33.7

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

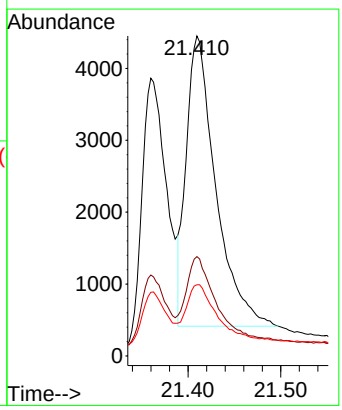


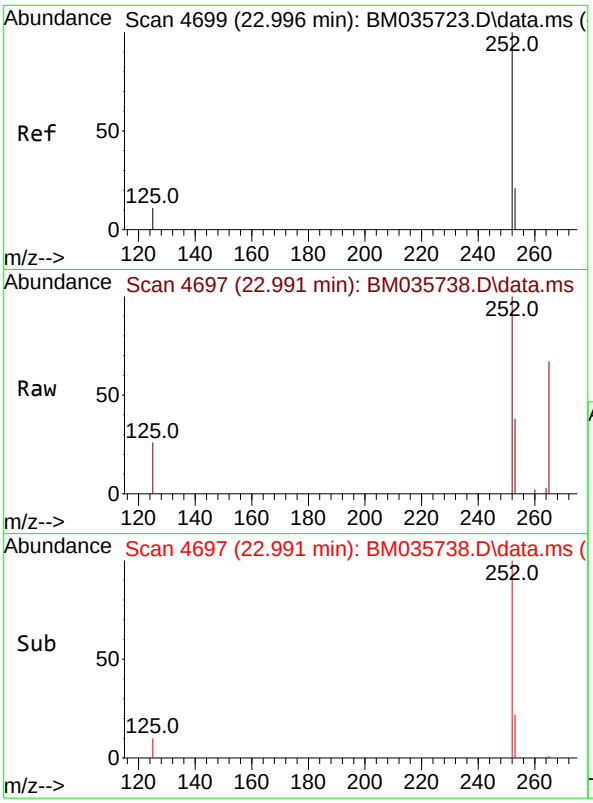


#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.410 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:228 Resp: 8912

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	22.3	16.4	24.6

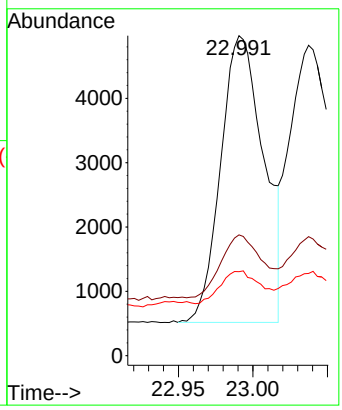




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.991 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:252 Resp: 894

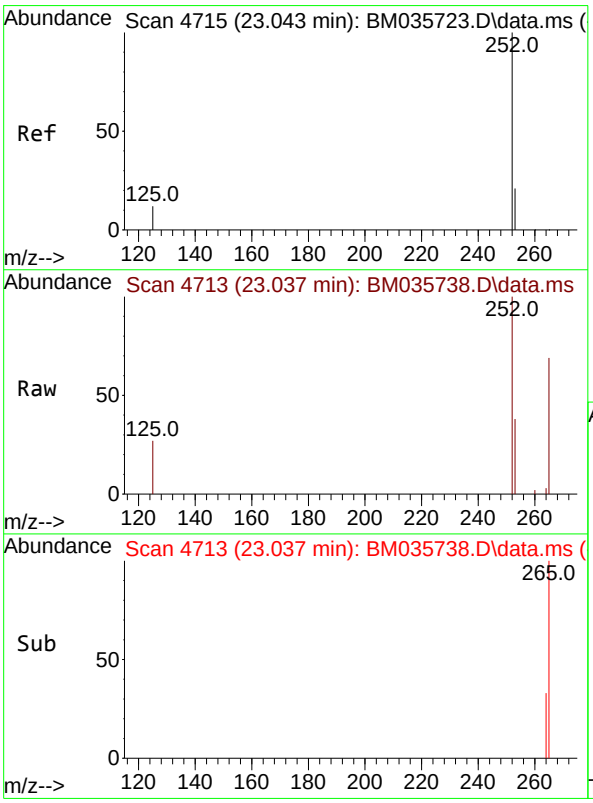
Ion	Ratio	Lower	Upper
252	100		
253	37.7	0.0	61.4
125	26.3	0.0	42.6



Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

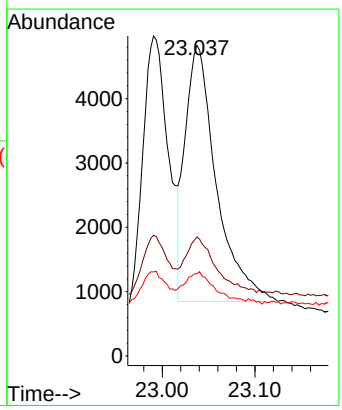
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

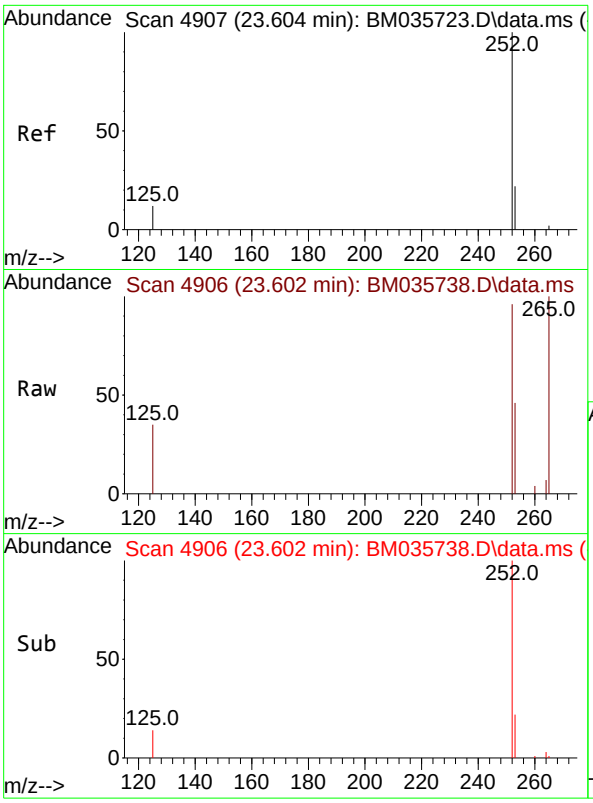


#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:252 Resp: 9284

Ion	Ratio	Lower	Upper
252	100		
253	38.3	25.2	37.8#
125	26.5	18.3	27.5





#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.602 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

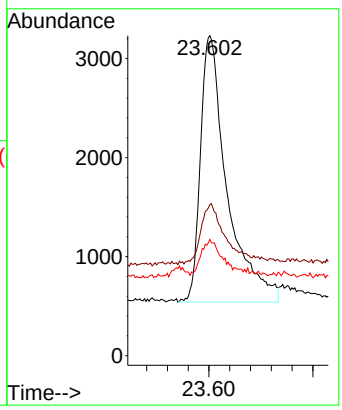
Tgt Ion:252 Resp: 958

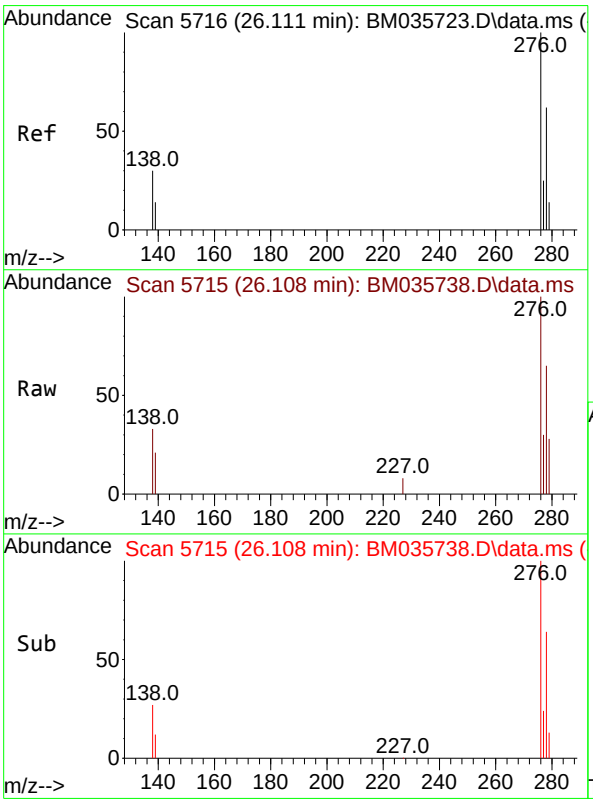
Ion	Ratio	Lower	Upper
252	100		
253	47.3	29.7	44.5#
125	36.3	23.6	35.4#

Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

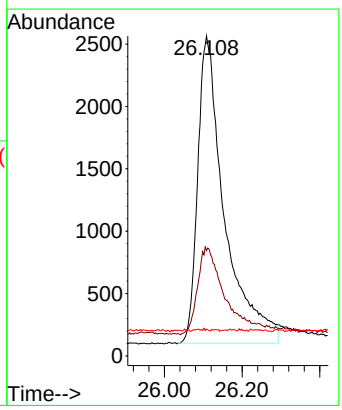


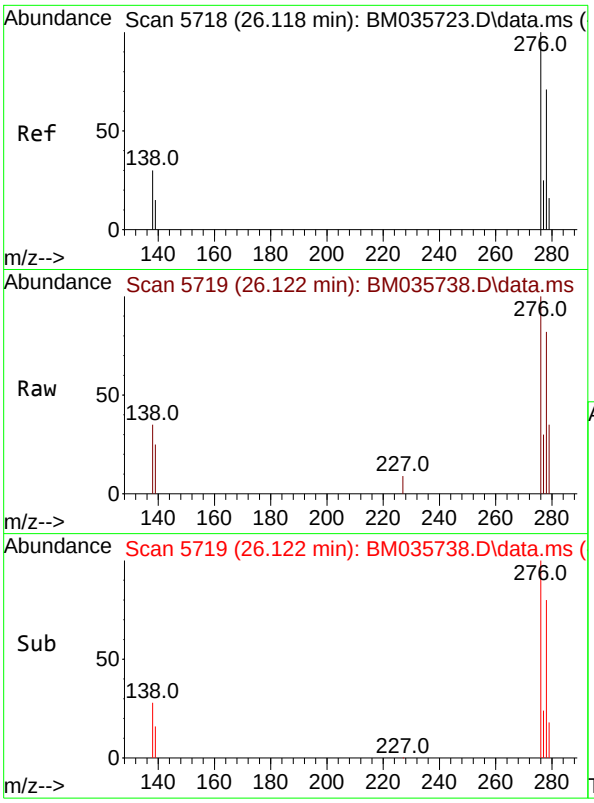


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:276 Resp: 11778

Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.9	35.9
227	0.1	0.1	0.1

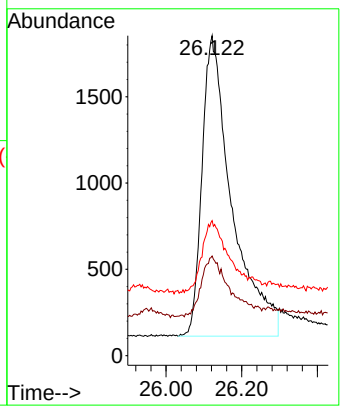




#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.122 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:278 Resp: 953

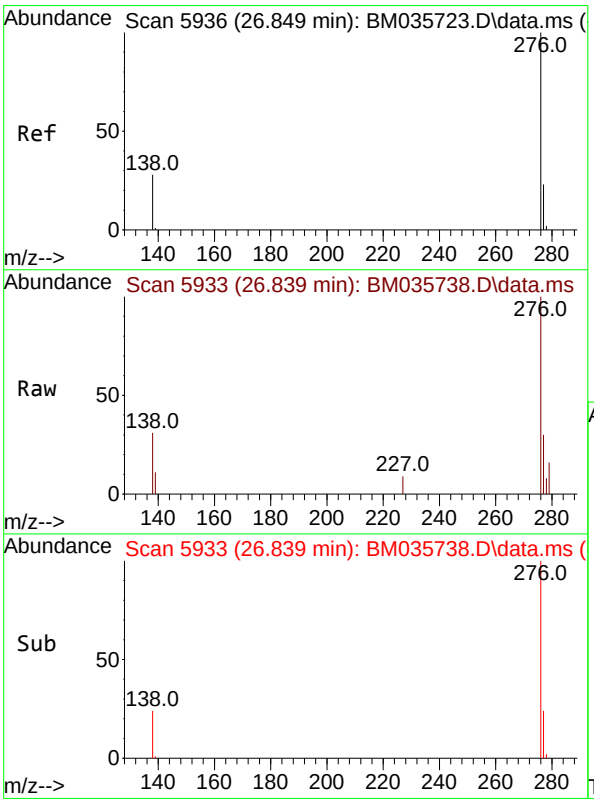
Ion	Ratio	Lower	Upper
278	100		
139	31.1	19.8	29.6#
279	42.2	27.7	41.5#



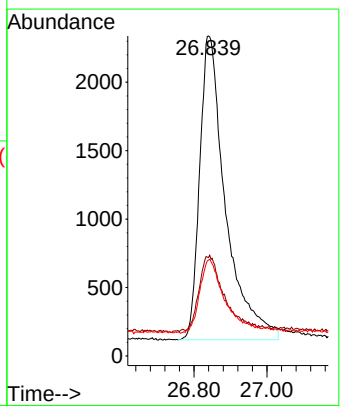
Instrument :
BNA_M
ClientSampleId :
SLCS703

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.839 min Scan# 5933
Delta R.T. -0.010 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:276 Resp: 10959

Ion	Ratio	Lower	Upper
276	100		
138	30.8	23.4	35.0
277	29.9	21.0	31.4