

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 22:35:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	88210	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	367895	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.539	164	228927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	482600	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	403346	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	443756	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3895	1.512	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	76293	9.203	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	47561	9.472	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	64441	9.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	46976	7.065	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	30711	9.322	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	35850	9.777	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	65242	9.932	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	43250m	4.805	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	232010	11.025	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	246147	10.910	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	18438m	5.982	ng/u1	0.02
60) Fluorene-d10	15.539	176	195805	11.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	17403	5.164	ng/u1	0.00
73) Anthracene-d10	17.416	188	293110	11.335	ng/u1	0.00
81) Pyrene-d10	19.669	212	352643	13.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	304863	11.820	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.269	152	36486	1.412	ng/u1	98
52) Acenaphthene	14.604	153	56672	3.301	ng/u1	99
61) Fluorene	15.598	166	59139	2.959	ng/u1	96
71) Pentachlorophenol	16.951	266	6033	1.639	ng/u1	97
72) Phenanthrene	17.363	178	257701	8.579	ng/u1	99
74) Anthracene	17.451	178	327733	10.791	ng/u1	99
80) Fluoranthene	19.339	202	692938	23.063	ng/u1	100
82) Pyrene	19.698	202	604317	19.031	ng/u1	99
85) Benzo(a)anthracene	21.427	228	199252	6.145	ng/u1	99
87) Chrysene	21.480	228	247048m	8.089	ng/u1	
90) Benzo(b)fluoranthene	23.174	252	335908	10.532	ng/u1	96
91) Benzo(k)fluoranthene	23.221	252	97502m	3.063	ng/u1	
93) Benzo(a)pyrene	23.839	252	108698	3.616	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.615	276	123172	3.457	ng/u1	96
95) Dibenzo(a,h)anthracene	26.633	278	29945m	1.017	ng/u1	
96) Benzo(g,h,i)perylene	27.456	276	133940	4.711	ng/u1	98

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

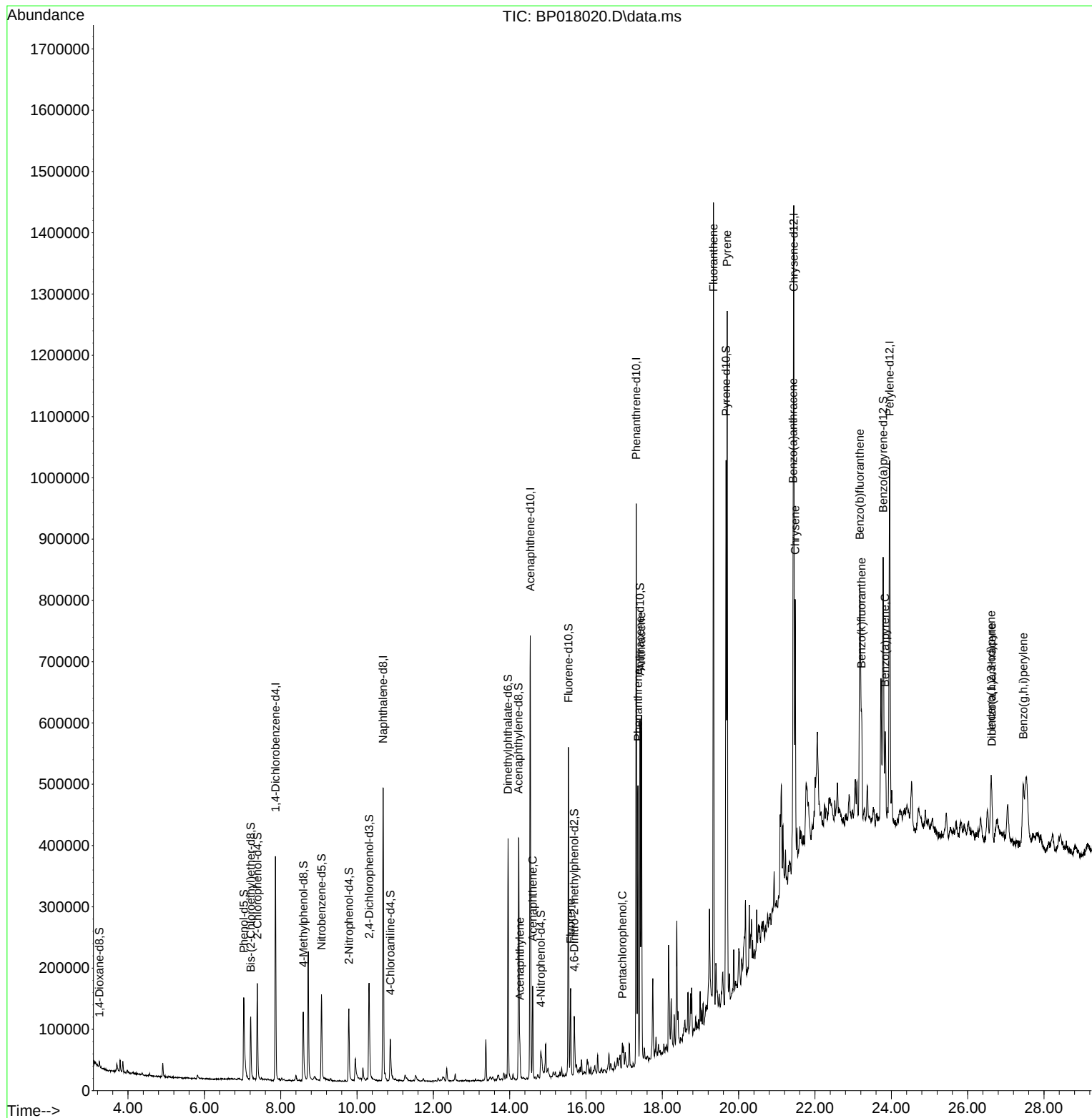
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

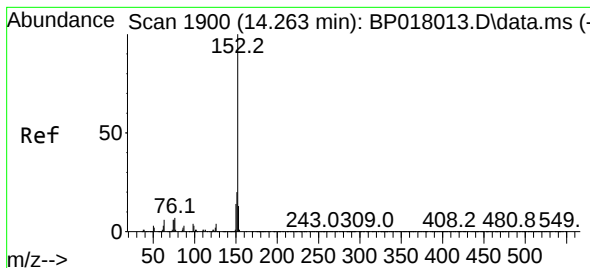
Instrument :
BNA_P
ClientSampleId :
DCKJ0

Quant Time: Nov 10 22:35:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023





#50

Acenaphthylene

Concen: 1.412 ng/ul

RT: 14.269 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BP018020.D

Acq: 10 Nov 2023 09:41

Instrument :

BNA_P

ClientSampleId :

DCKJ0

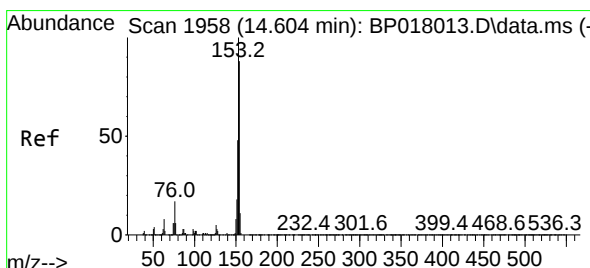
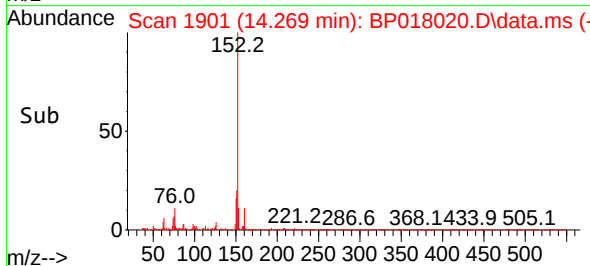
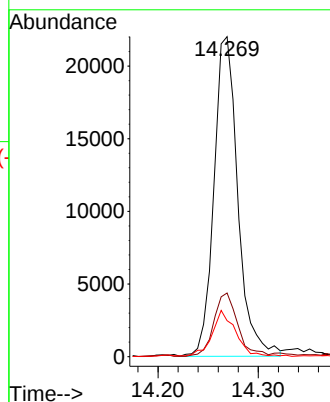
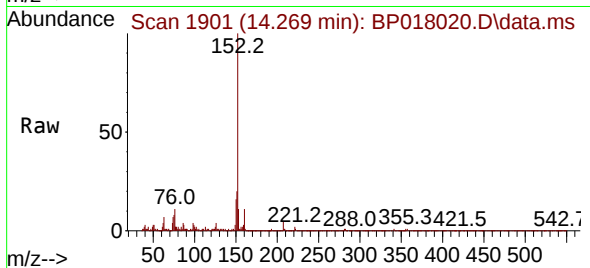
Tgt Ion:	152	Resp:	36480
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.5	23.3
153	11.3	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#52

Acenaphthene

Concen: 3.301 ng/ul

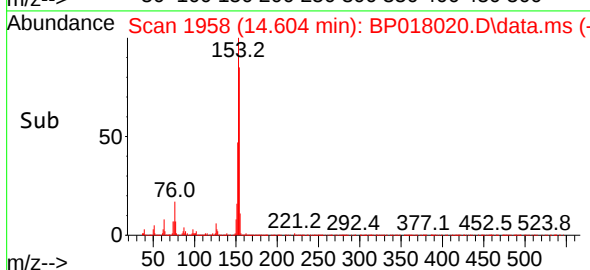
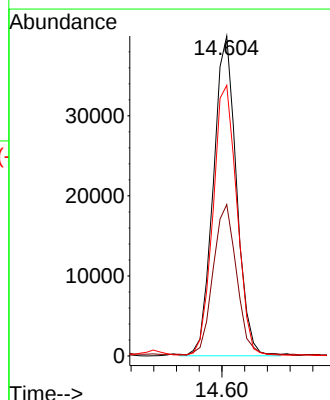
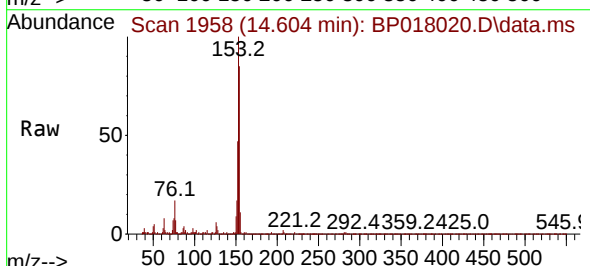
RT: 14.604 min Scan# 1958

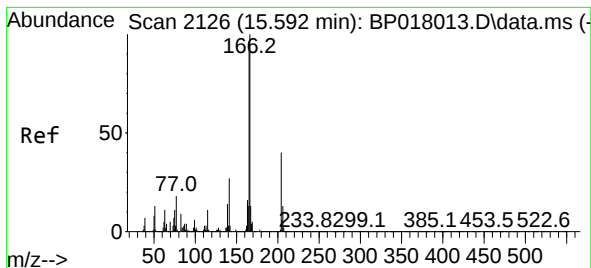
Delta R.T. -0.006 min

Lab File: BP018020.D

Acq: 10 Nov 2023 09:41

Tgt Ion:	153	Resp:	56672
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.2	57.2
154	84.6	68.8	103.2





#61

Fluorene

Concen: 2.959 ng/ul

RT: 15.598 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BP018020.D

Acq: 10 Nov 2023 09:41

Instrument :

BNA_P

ClientSampleId :

DCKJ0

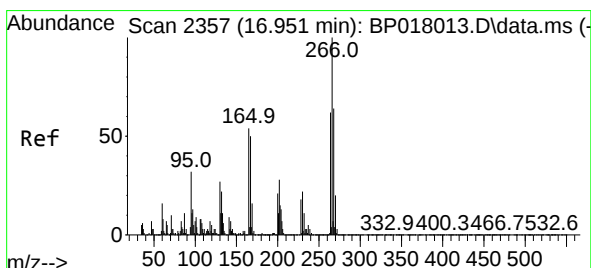
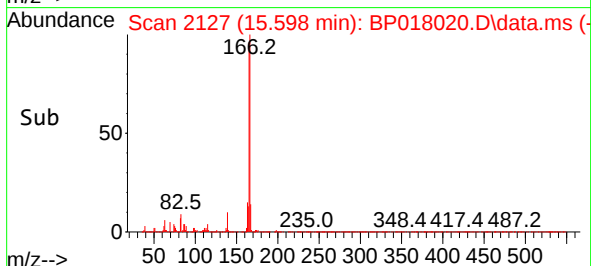
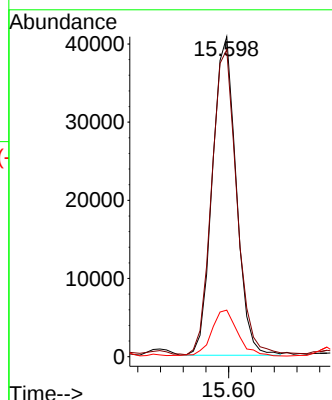
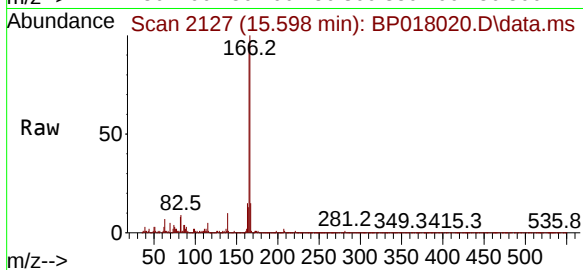
Tgt Ion:	166	Resp:	59139
Ion Ratio	Lower	Upper	
166	100		
165	96.0	80.2	120.2
167	14.6	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#71

Pentachlorophenol

Concen: 1.639 ng/ul

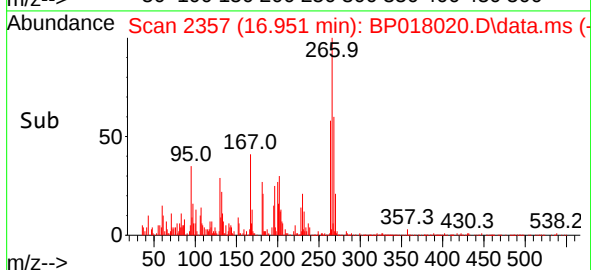
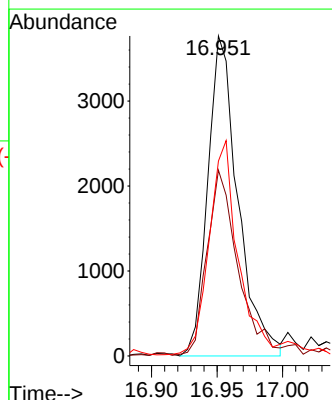
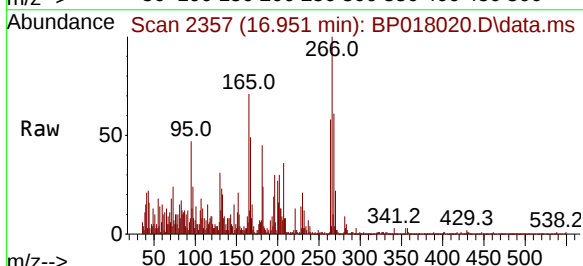
RT: 16.951 min Scan# 2357

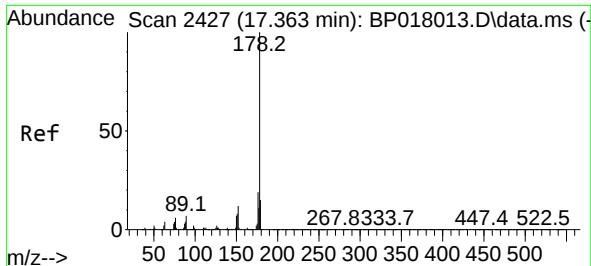
Delta R.T. -0.006 min

Lab File: BP018020.D

Acq: 10 Nov 2023 09:41

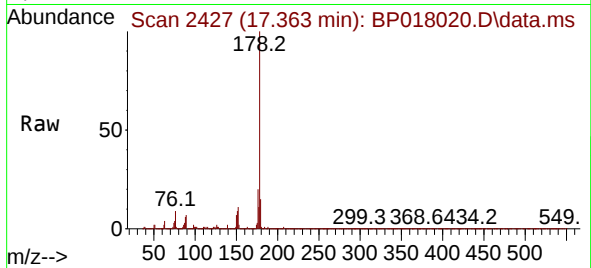
Tgt Ion:	266	Resp:	6033
Ion Ratio	Lower	Upper	
266	100		
264	58.0	48.4	72.6
268	60.9	50.3	75.5





#72
Phenanthrene
Concen: 8.579 ng/ul
RT: 17.363 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

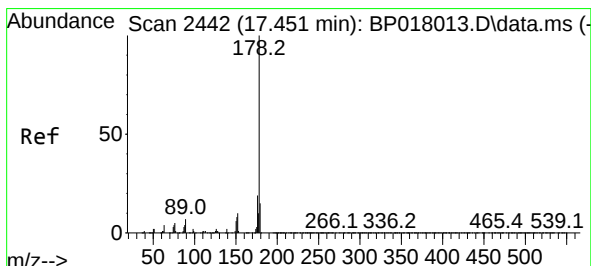
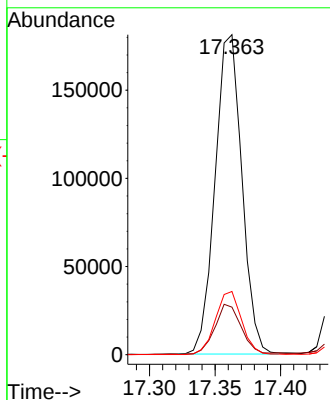
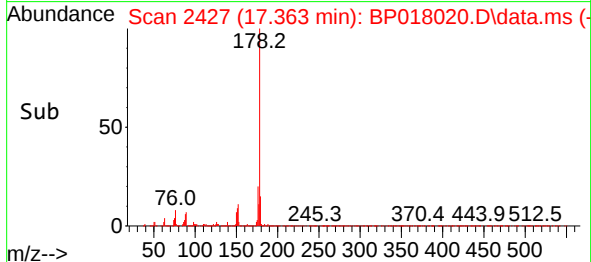
Instrument :
BNA_P
ClientSampleId :
DCKJ0



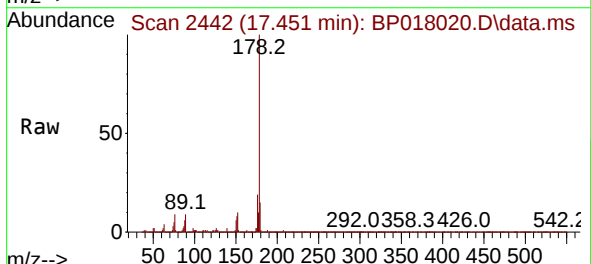
Tgt Ion:178 Resp: 25770
Ion Ratio Lower Upper
178 100
179 14.9 11.6 17.4
176 19.8 15.1 22.7

Manual Integrations
APPROVED

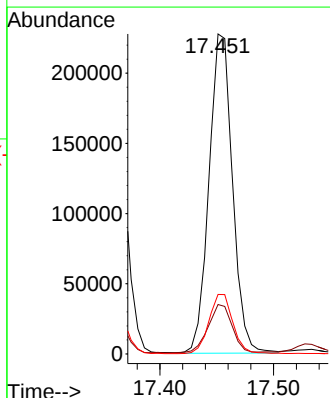
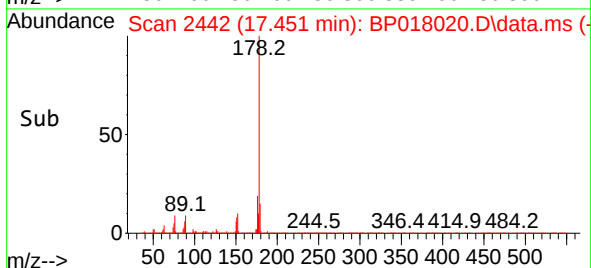
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

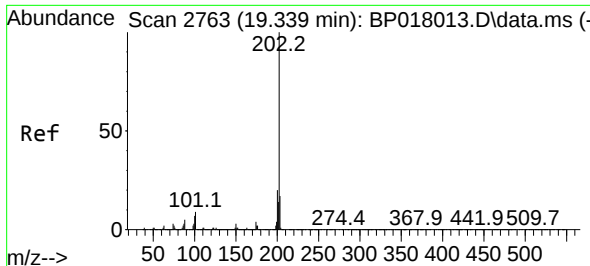


#74
Anthracene
Concen: 10.791 ng/ul
RT: 17.451 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41



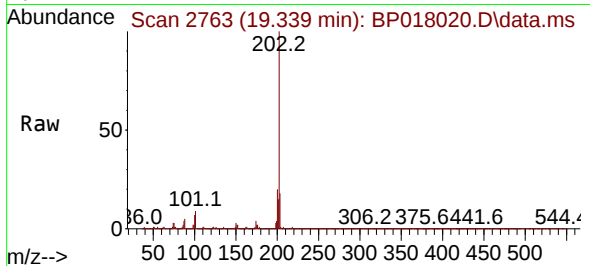
Tgt Ion:178 Resp: 327733
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.6 15.1 22.7





#80
Fluoranthene
Concen: 23.063 ng/u1
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

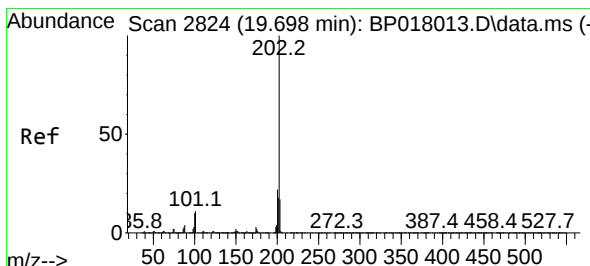
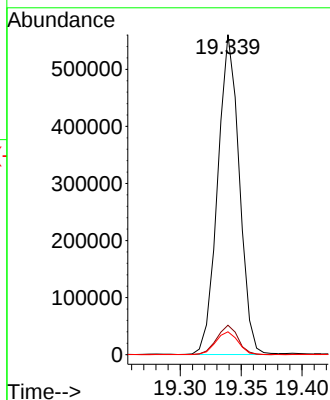
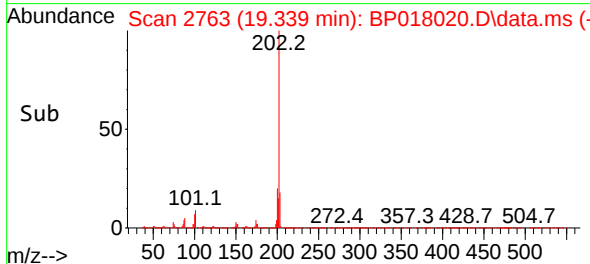
Instrument :
BNA_P
ClientSampleId :
DCKJ0



Tgt Ion:202 Resp: 692938
Ion Ratio Lower Upper
202 100
101 9.2 7.4 11.0
100 7.1 5.8 8.6

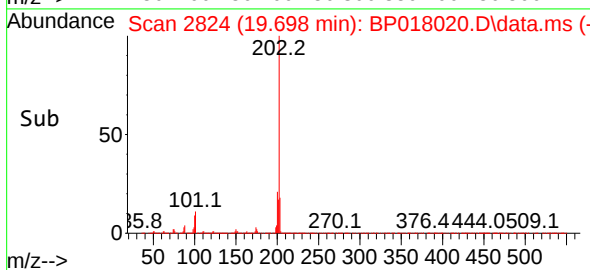
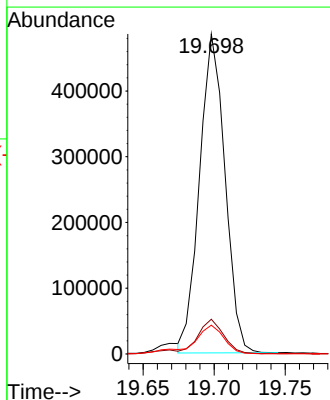
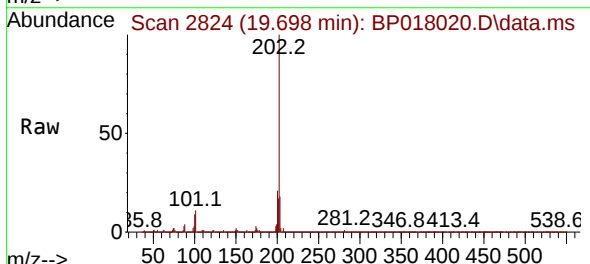
Manual Integrations
APPROVED

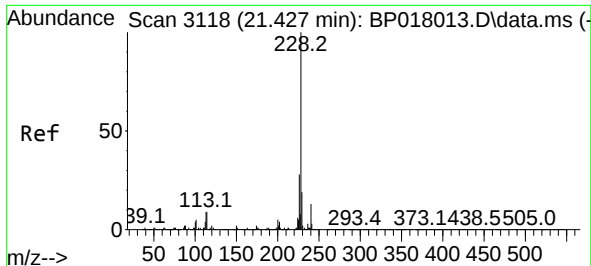
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#82
Pyrene
Concen: 19.031 ng/u1
RT: 19.698 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

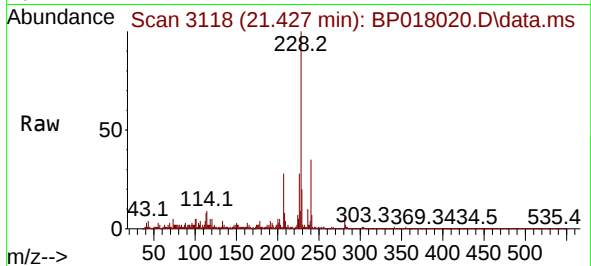
Tgt Ion:202 Resp: 604317
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 9.0 7.8 11.8





#85
Benzo(a)anthracene
Concen: 6.145 ng/ul
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

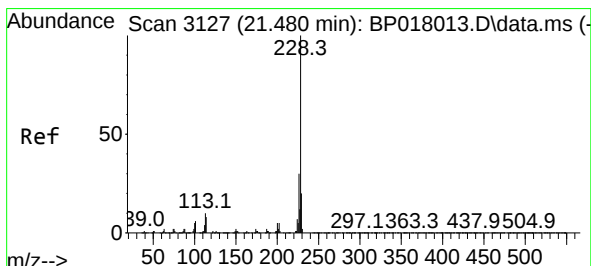
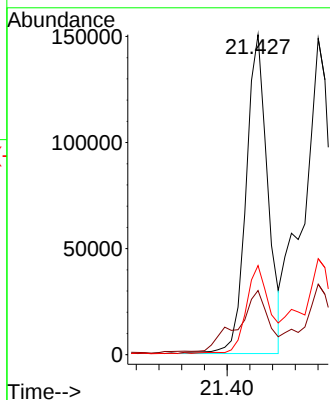
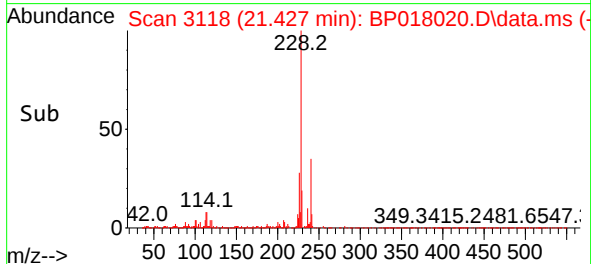
Instrument :
BNA_P
ClientSampleId :
DCKJ0



Tgt Ion:228 Resp: 19925
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.8 22.3 33.5

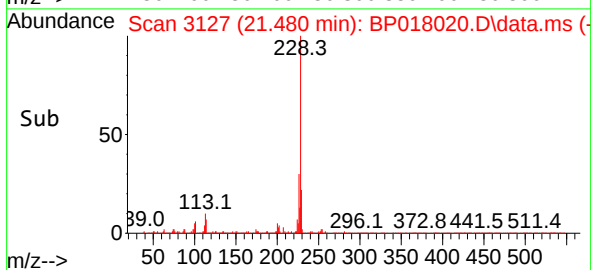
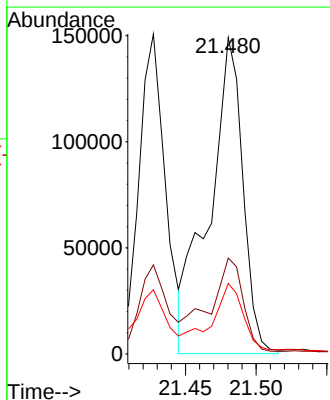
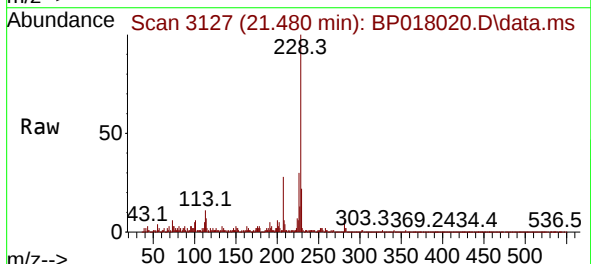
Manual Integrations
APPROVED

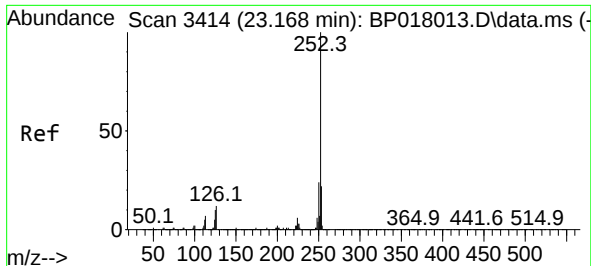
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#87
Chrysene
Concen: 8.089 ng/ul m
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

Tgt Ion:228 Resp: 247048
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.3 15.4 23.0





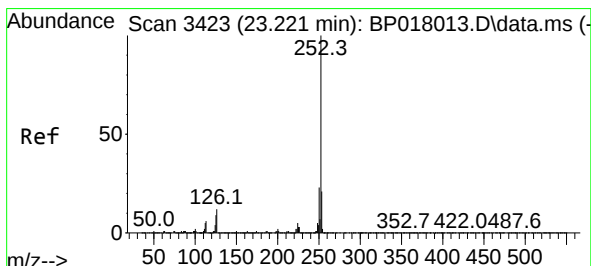
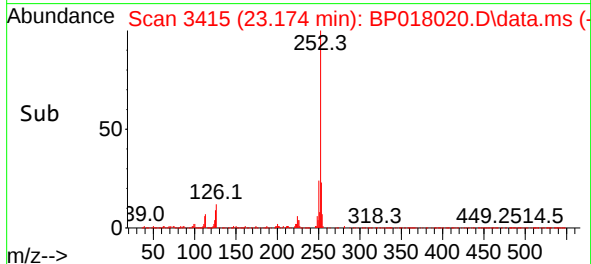
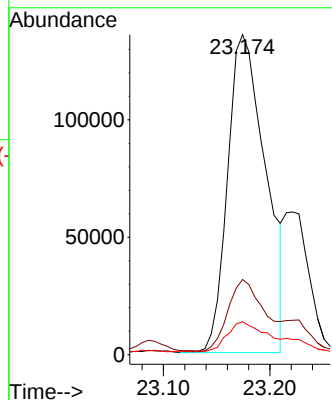
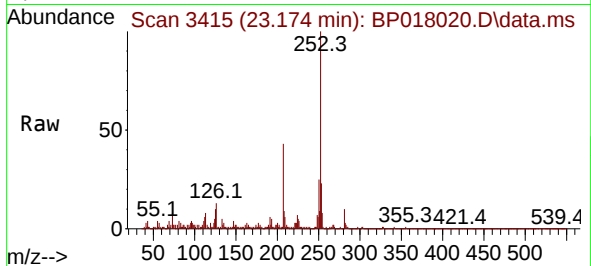
#90
Benzo(b)fluoranthene
Concen: 10.532 ng/ul
RT: 23.174 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

Instrument :
BNA_P
ClientSampleId :
DCKJ0

Tgt Ion:252 Resp: 335908
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 10.3 7.4 11.2

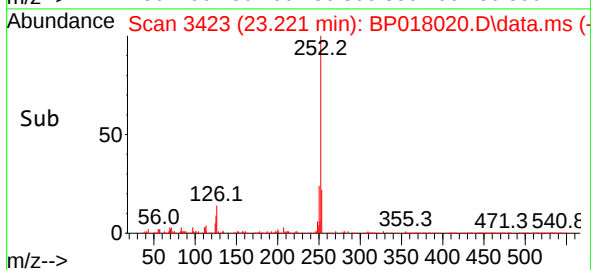
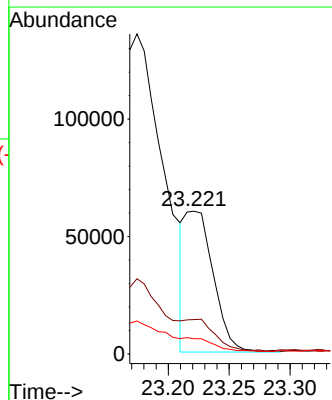
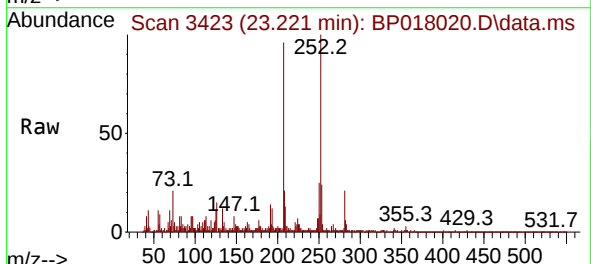
Manual Integrations
APPROVED

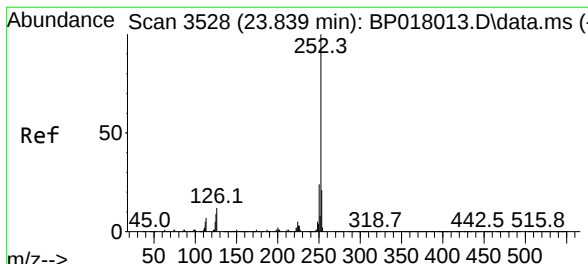
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#91
Benzo(k)fluoranthene
Concen: 3.063 ng/ul m
RT: 23.221 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

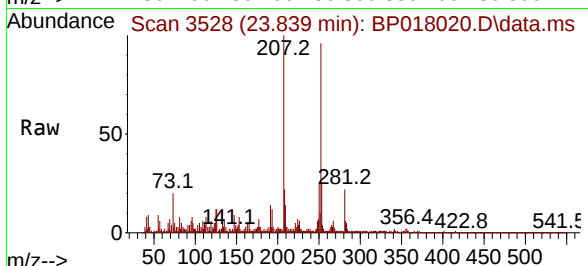
Tgt Ion:252 Resp: 97502
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 10.7 7.4 11.2





#93
Benzo(a)pyrene
Concen: 3.616 ng/ul
RT: 23.839 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

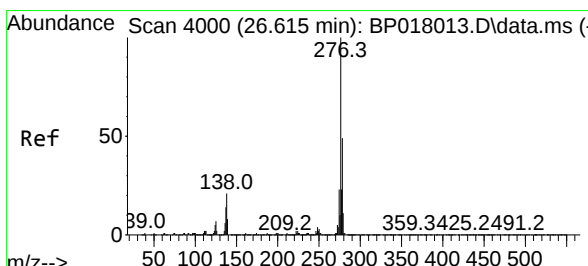
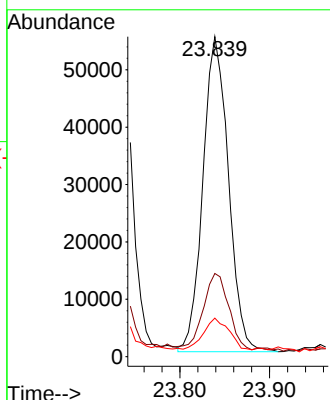
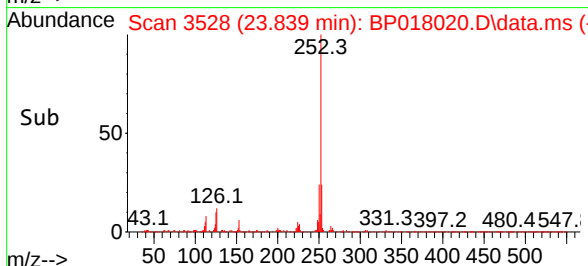
Instrument :
BNA_P
ClientSampleId :
DCKJ0



Tgt Ion:252 Resp: 108698
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.0
125 12.0 7.8 11.8

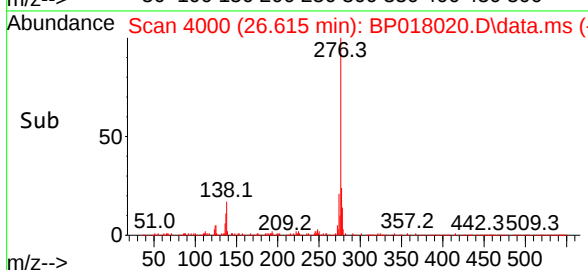
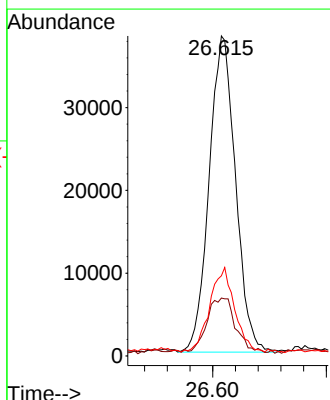
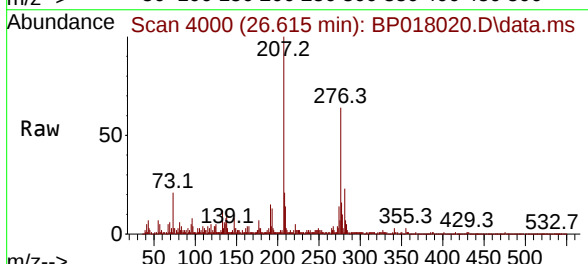
Manual Integrations
APPROVED

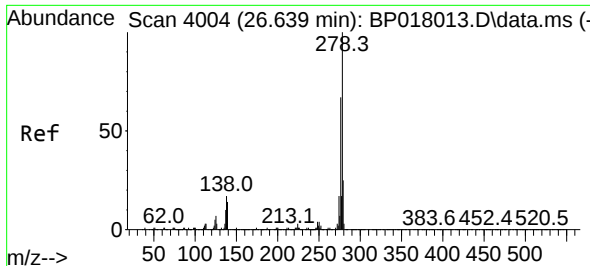
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.457 ng/ul
RT: 26.615 min Scan# 4000
Delta R.T. -0.018 min
Lab File: BP018020.D
Acq: 10 Nov 2023 09:41

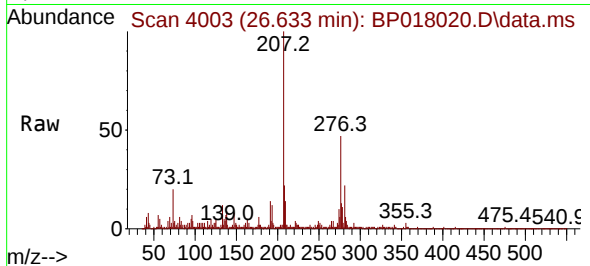
Tgt Ion:276 Resp: 123172
Ion Ratio Lower Upper
276 100
138 18.1 16.2 24.4
277 25.0 18.8 28.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.017 ng/ul m
 RT: 26.633 min Scan# 4004
 Delta R.T. -0.024 min
 Lab File: BP018020.D
 Acq: 10 Nov 2023 09:41

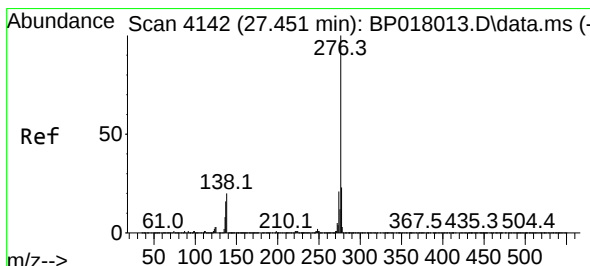
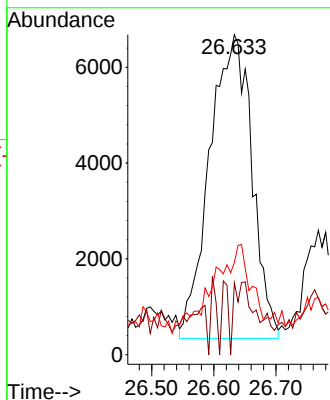
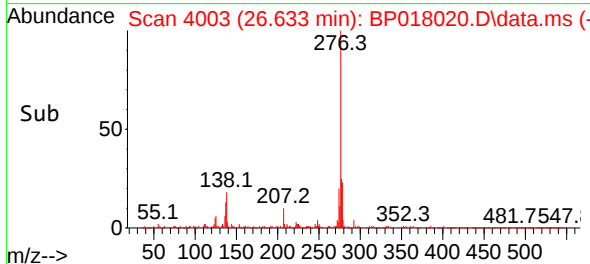
Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0



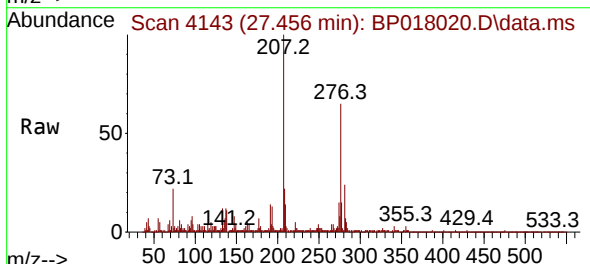
Tgt Ion: 278 Resp: 2994
 Ion Ratio Lower Upper
 278 100
 139 22.5 11.9 17.9
 279 28.8 19.7 29.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



#96
 Benzo(g,h,i)perylene
 Concen: 4.711 ng/ul
 RT: 27.456 min Scan# 4143
 Delta R.T. -0.012 min
 Lab File: BP018020.D
 Acq: 10 Nov 2023 09:41



Tgt Ion: 276 Resp: 133940
 Ion Ratio Lower Upper
 276 100
 138 17.4 15.0 22.6
 277 23.3 19.0 28.6

