

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018018.D
 Acq On : 10 Nov 2023 08:33
 Operator : MA/JU
 Sample : 05091-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 22:22:15 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	7.864	152	80930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	341992	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	215422	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	459923	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	400618	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	441504	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	6231	2.636	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	127959	16.825	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	85288	18.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	107739	17.705	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	68307	11.198	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	55685	18.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	57511	16.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	103894	17.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	55689	6.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	368308	18.599	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	411435	19.380	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	26631	9.182	ng/u1	0.01
60) Fluorene-d10	15.540	176	329029	20.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	28338	8.824	ng/u1	0.00
73) Anthracene-d10	17.416	188	511312	20.748	ng/u1	0.00
81) Pyrene-d10	19.675	212	613413	23.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	541677	21.108	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.269	152	62075	2.553	ng/u1	97
52) Acenaphthene	14.604	153	55218	3.418	ng/u1	98
61) Fluorene	15.598	166	43912	2.335	ng/u1	96
71) Pentachlorophenol	16.951	266	5785	1.649	ng/u1	97
72) Phenanthrene	17.363	178	231478	8.086	ng/u1	99
74) Anthracene	17.457	178	385797	13.329	ng/u1	99
80) Fluoranthene	19.339	202	987907	33.104	ng/u1	99
82) Pyrene	19.704	202	983261	31.175	ng/u1	98
85) Benzo(a)anthracene	21.428	228	458233	14.228	ng/u1	98
87) Chrysene	21.486	228	621625m	20.491	ng/u1	
90) Benzo(b)fluoranthene	23.180	252	778040	24.520	ng/u1	98
91) Benzo(k)fluoranthene	23.227	252	264406m	8.349	ng/u1	
93) Benzo(a)pyrene	23.845	252	288624	9.650	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.621	276	270486	7.630	ng/u1	96
95) Dibenzo(a,h)anthracene	26.633	278	70787m	2.415	ng/u1	
96) Benzo(g,h,i)perylene	27.462	276	247290	8.741	ng/u1	98

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

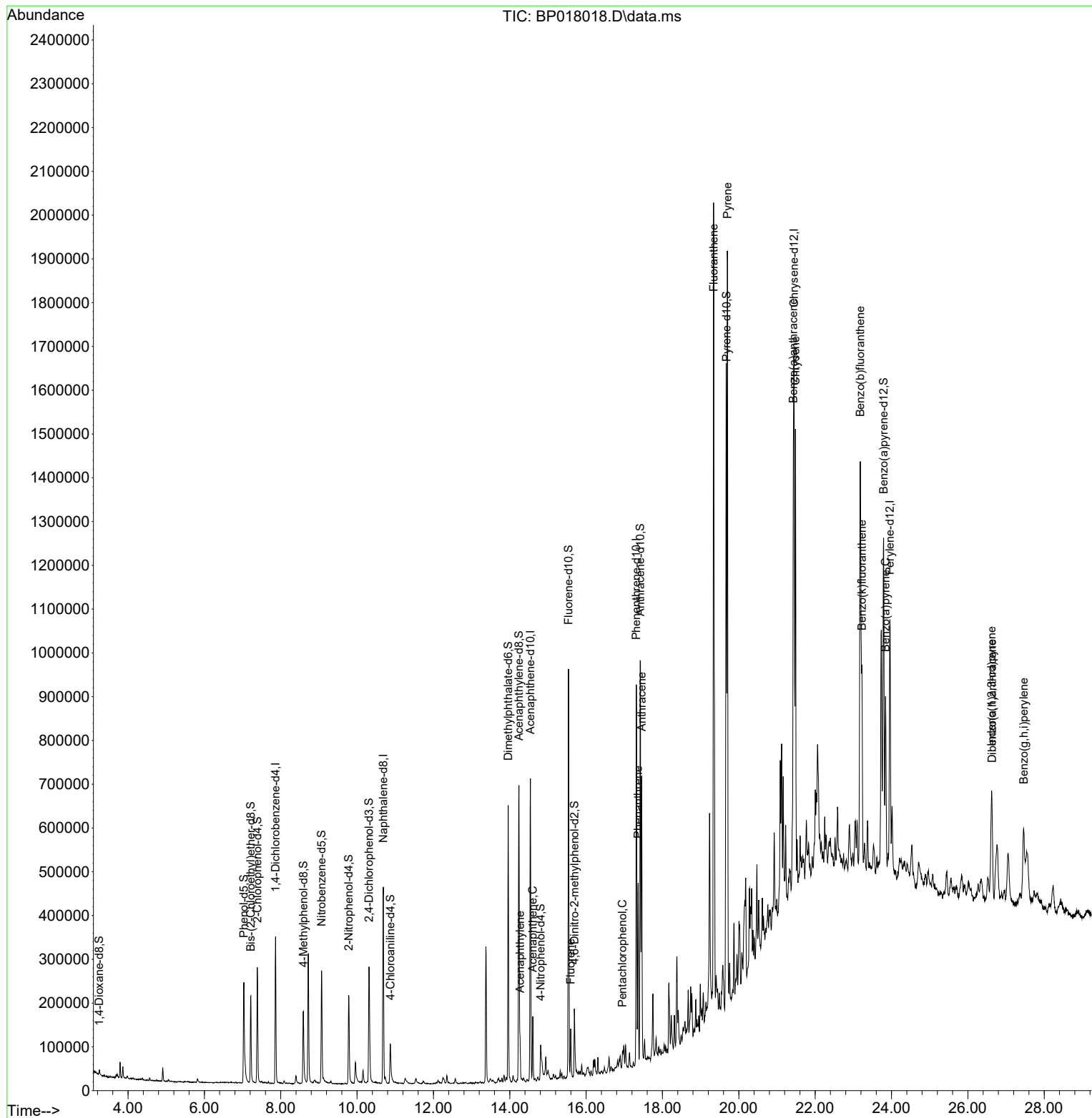
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

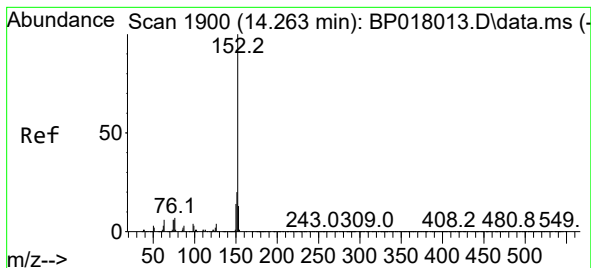
Instrument :
BNA_P
ClientSampleId :
DCKI3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 22:22:15 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





#50

Acenaphthylene

Concen: 2.553 ng/ul

RT: 14.269 min Scan# 1900

Delta R.T. 0.000 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

Instrument :

BNA_P

ClientSampleId :

DCKI3

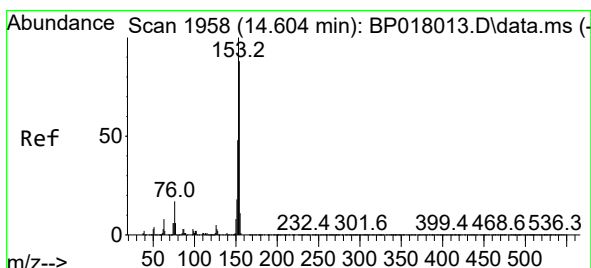
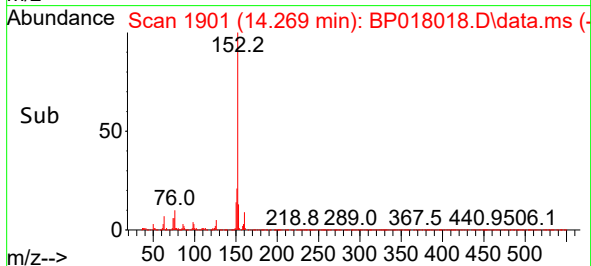
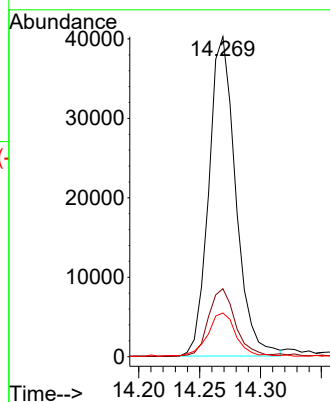
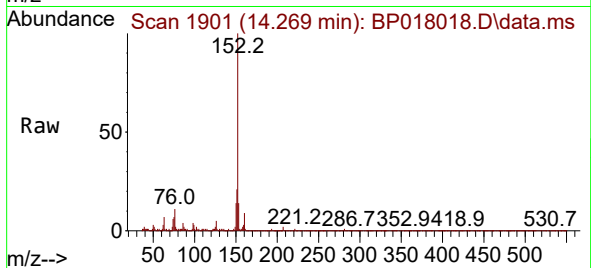
Tgt Ion:	152	Resp:	6207
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.5	23.3
153	13.7	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#52

Acenaphthene

Concen: 3.418 ng/ul

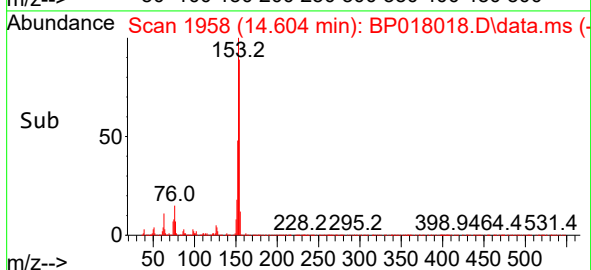
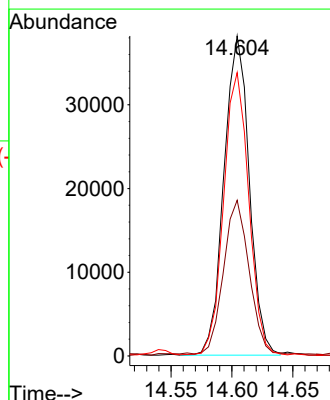
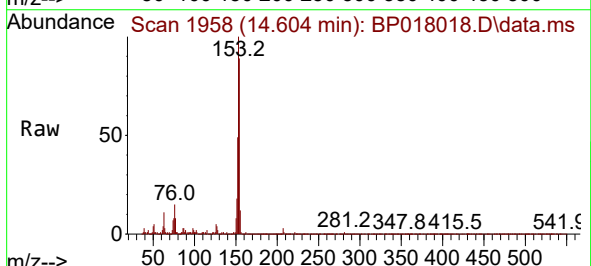
RT: 14.604 min Scan# 1958

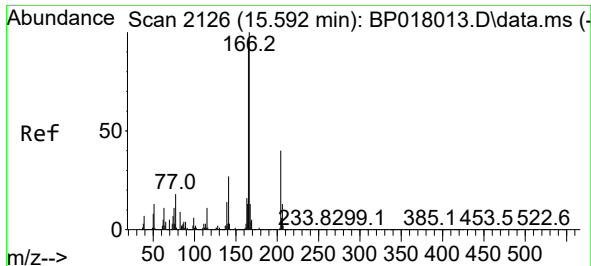
Delta R.T. -0.006 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

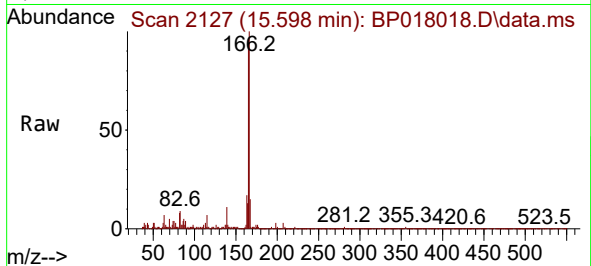
Tgt Ion:	153	Resp:	55218
Ion Ratio	Lower	Upper	
153	100		
152	48.7	38.2	57.2
154	88.6	68.8	103.2





#61
Fluorene
Concen: 2.335 ng/ul
RT: 15.598 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

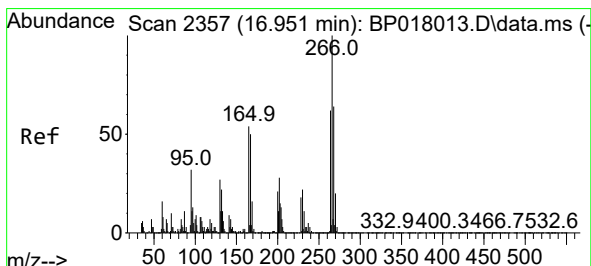
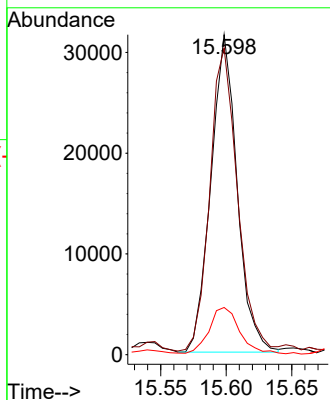
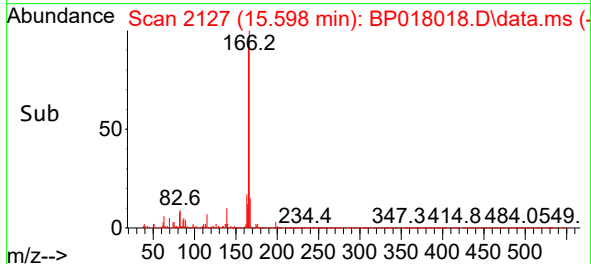
Instrument :
BNA_P
ClientSampleId :
DCKI3



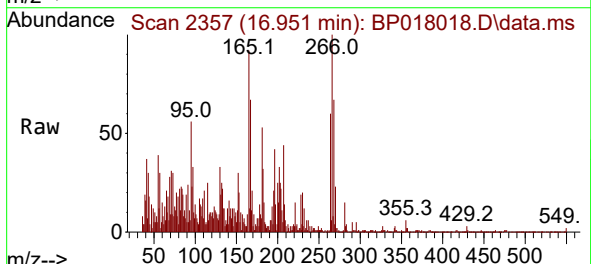
Tgt Ion:166 Resp: 4391
Ion Ratio Lower Upper
166 100
165 95.9 80.2 120.2
167 14.8 11.0 16.4

Manual Integrations
APPROVED

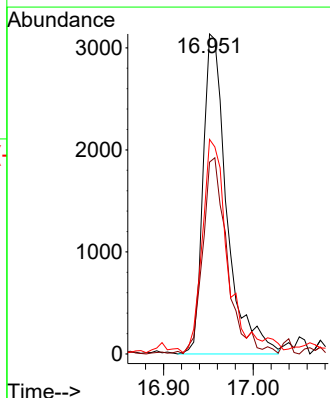
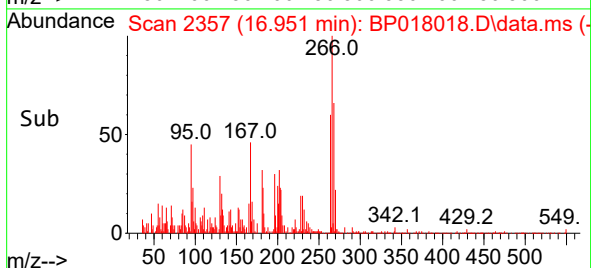
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023

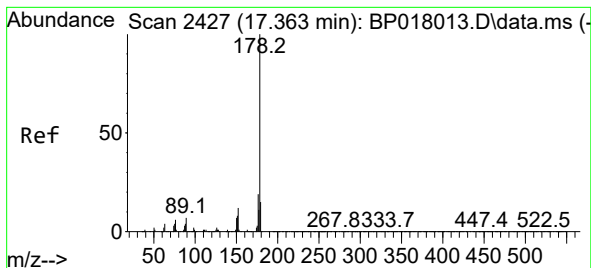


#71
Pentachlorophenol
Concen: 1.649 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33



Tgt Ion:266 Resp: 5785
Ion Ratio Lower Upper
266 100
264 59.9 48.4 72.6
268 67.1 50.3 75.5





#72

Phenanthrene

Concen: 8.086 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

Instrument :

BNA_P

ClientSampleId :

DCKI3

Tgt Ion:178 Resp: 231478

Ion Ratio Lower Upper

178 100

179 15.2 11.6 17.4

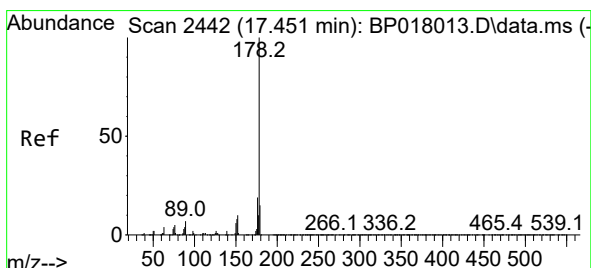
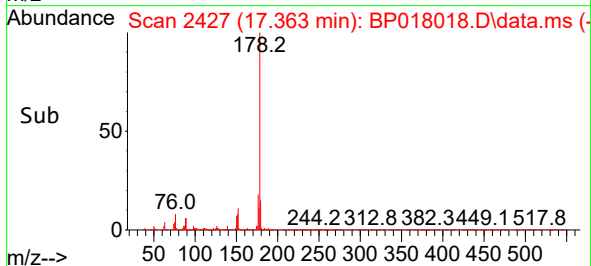
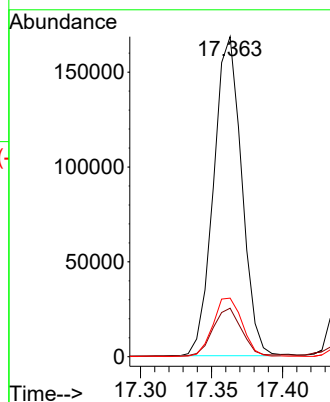
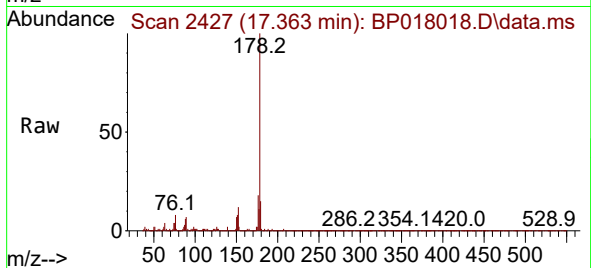
176 18.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#74

Anthracene

Concen: 13.329 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

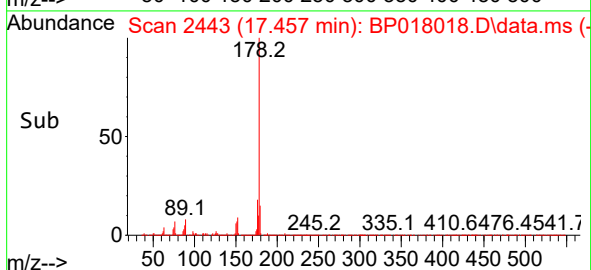
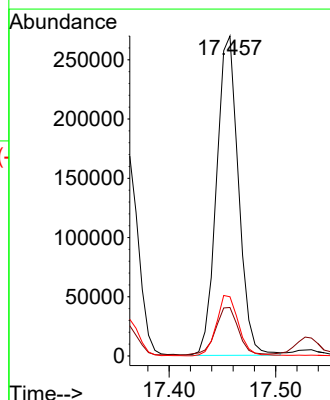
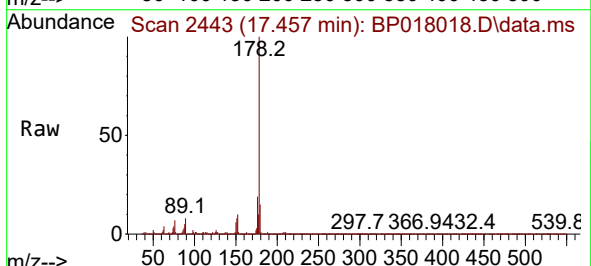
Tgt Ion:178 Resp: 385797

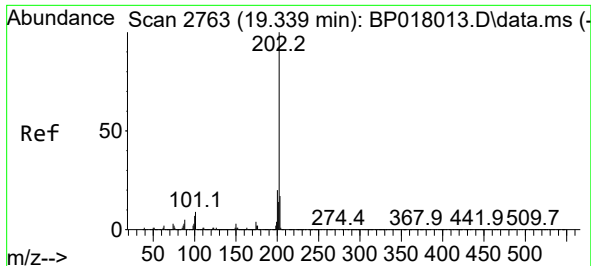
Ion Ratio Lower Upper

178 100

179 15.2 12.9 19.3

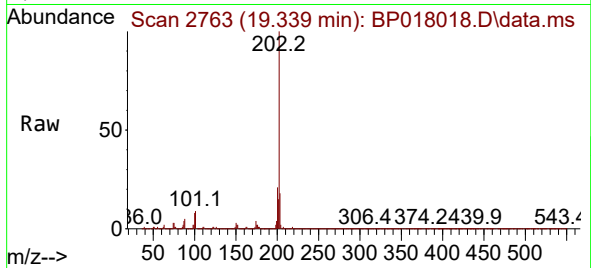
176 18.5 15.1 22.7





#80
Fluoranthene
Concen: 33.104 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

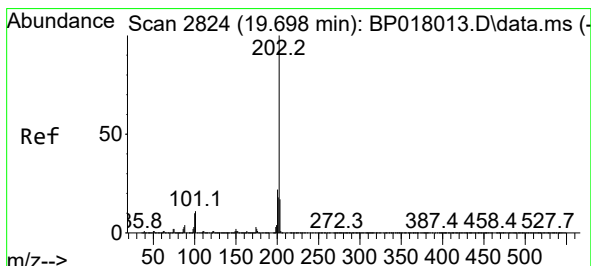
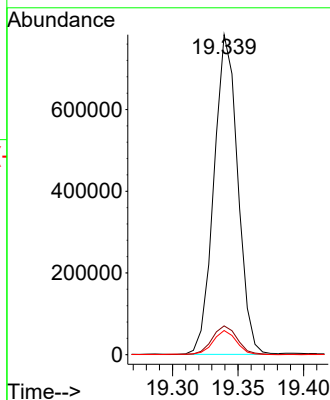
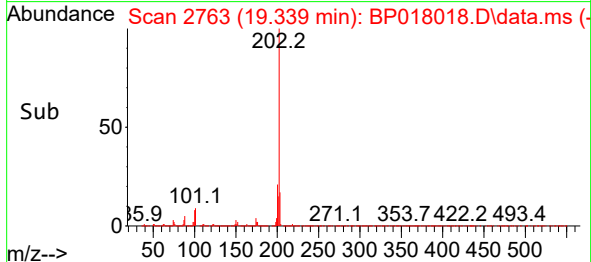
Instrument :
BNA_P
ClientSampleId :
DCKI3



Tgt Ion:202 Resp: 98790
Ion Ratio Lower Upper
202 100
101 9.0 7.4 11.0
100 7.5 5.8 8.6

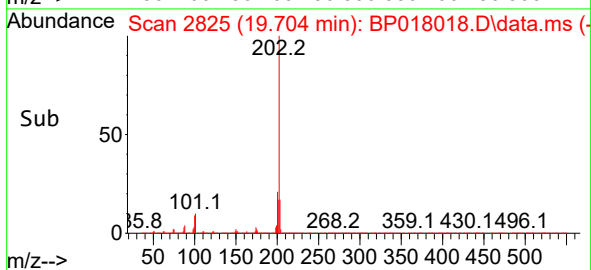
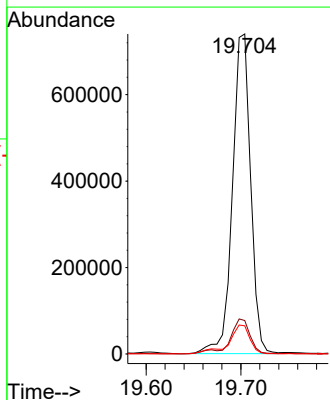
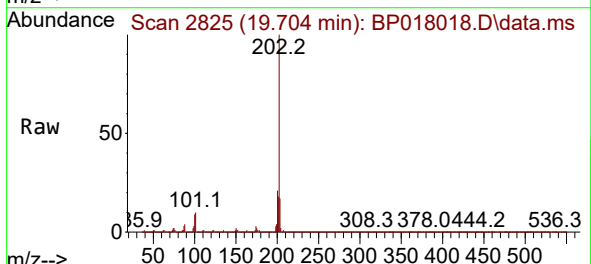
Manual Integrations
APPROVED

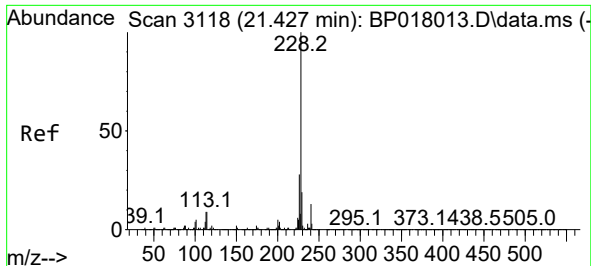
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#82
Pyrene
Concen: 31.175 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

Tgt Ion:202 Resp: 983261
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 8.8 7.8 11.8





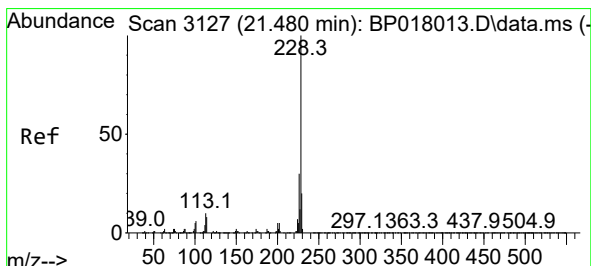
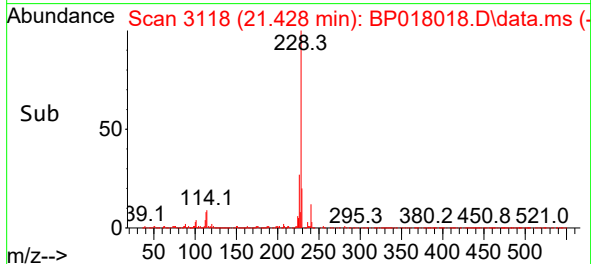
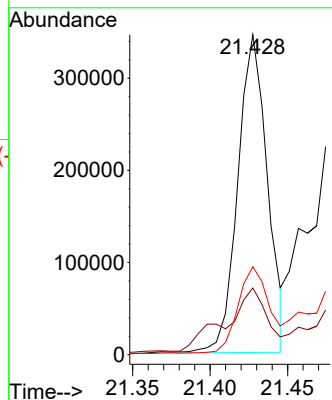
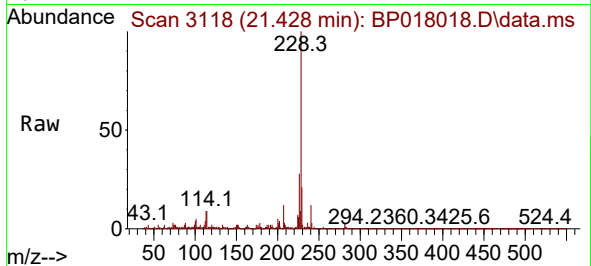
#85
Benzo(a)anthracene
Concen: 14.228 ng/ul
RT: 21.428 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

Instrument :
BNA_P
ClientSampleId :
DCKI3

Tgt Ion:228 Resp: 45823
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.5 22.3 33.5

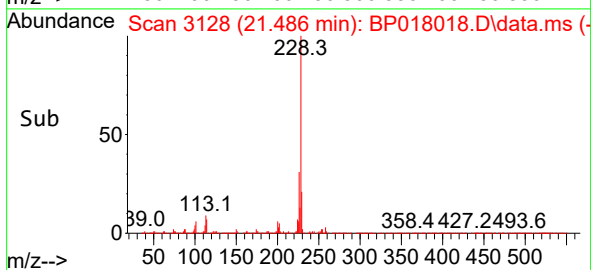
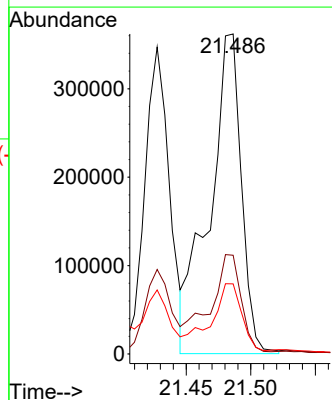
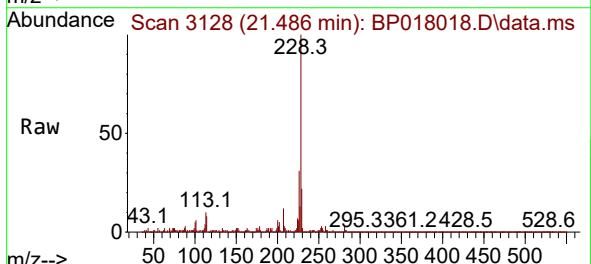
Manual Integrations
APPROVED

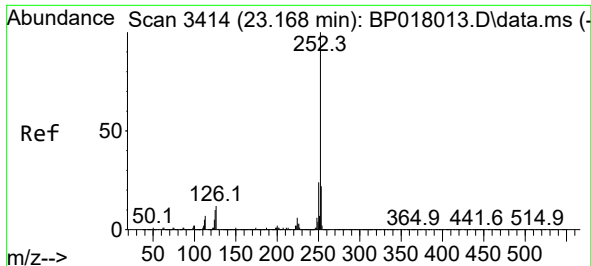
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#87
Chrysene
Concen: 20.491 ng/ul m
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

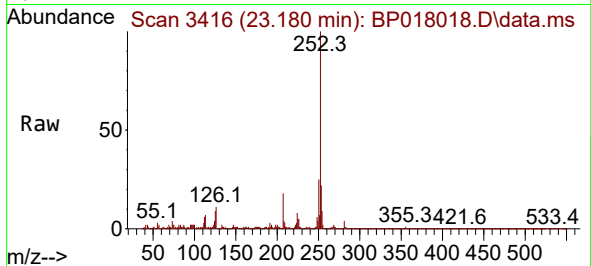
Tgt Ion:228 Resp: 621625
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 21.9 15.4 23.0





#90
Benzo(b)fluoranthene
Concen: 24.520 ng/ul
RT: 23.180 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

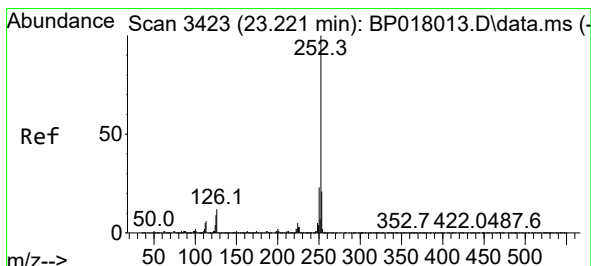
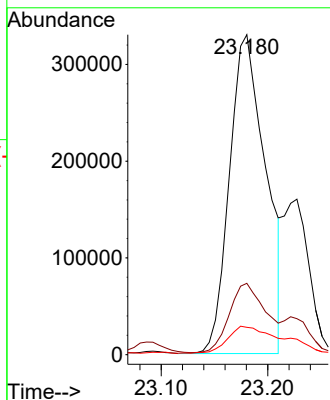
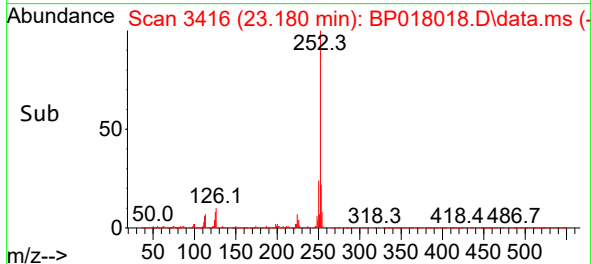
Instrument :
BNA_P
ClientSampleId :
DCKI3



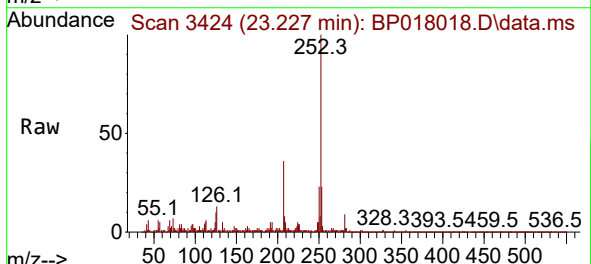
Tgt Ion:252 Resp: 778040
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.5 7.4 11.2

Manual Integrations
APPROVED

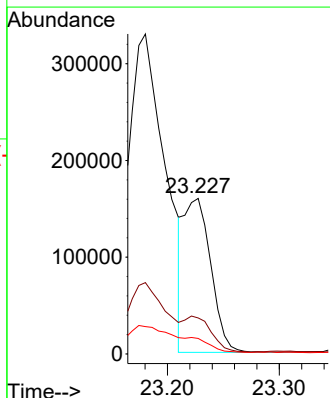
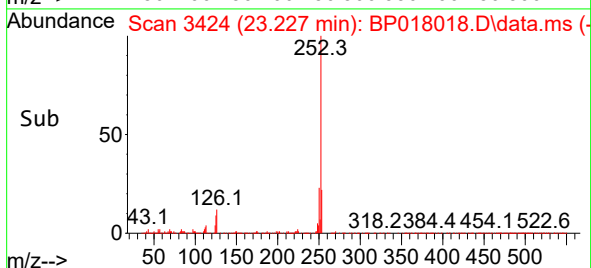
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023

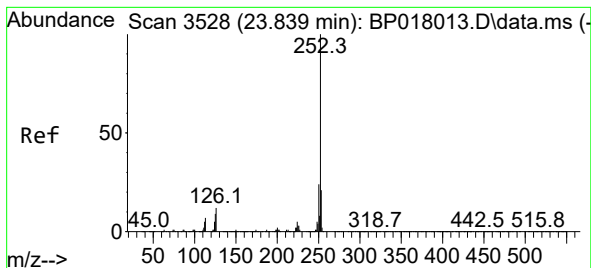


#91
Benzo(k)fluoranthene
Concen: 8.349 ng/ul m
RT: 23.227 min Scan# 3424
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33



Tgt Ion:252 Resp: 264406
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.0 7.4 11.2





#93

Benzo(a)pyrene

Concen: 9.650 ng/ul

RT: 23.845 min Scan# 3528

Delta R.T. -0.006 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

Instrument :

BNA_P

ClientSampleId :

DCKI3

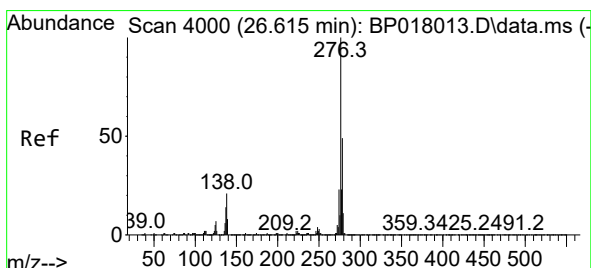
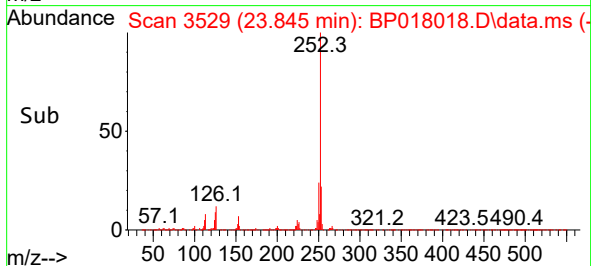
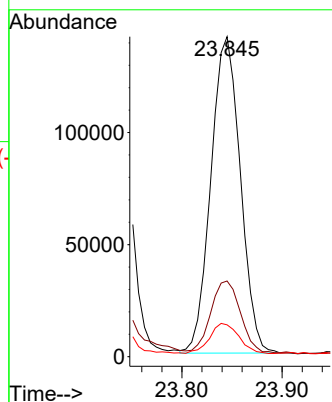
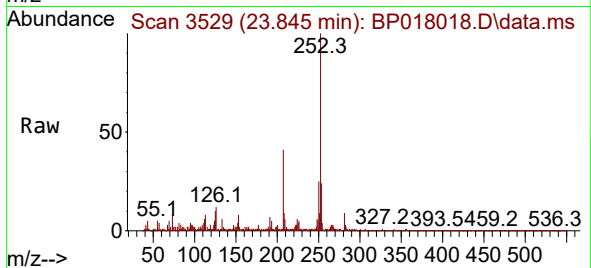
Tgt Ion:	252	Resp:	288624
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	10.0	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.630 ng/ul

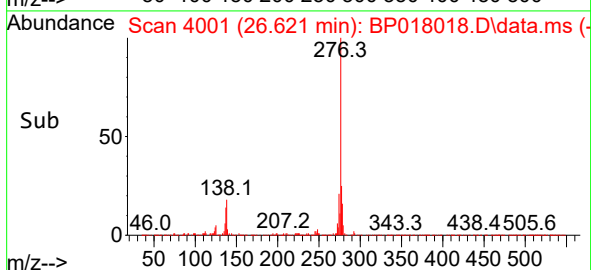
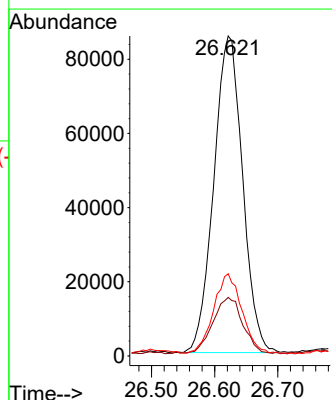
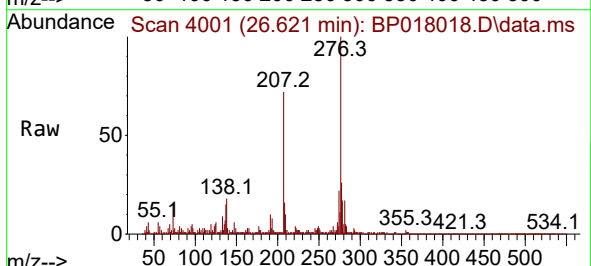
RT: 26.621 min Scan# 4001

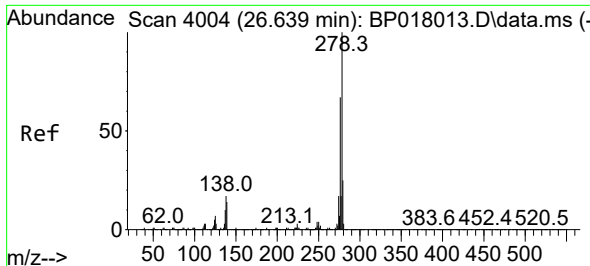
Delta R.T. -0.012 min

Lab File: BP018018.D

Acq: 10 Nov 2023 08:33

Tgt Ion:	276	Resp:	270486
Ion Ratio	Lower	Upper	
276	100		
138	18.3	16.2	24.4
277	25.7	18.8	28.2





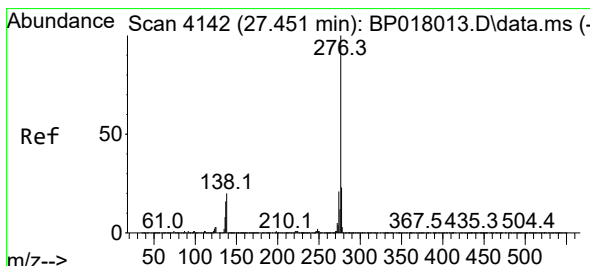
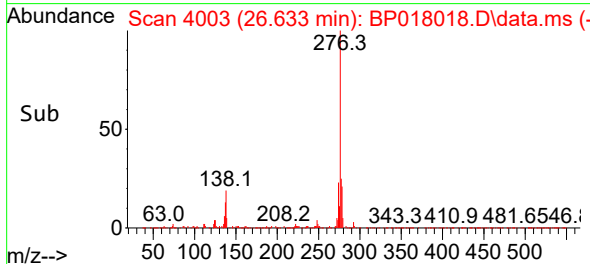
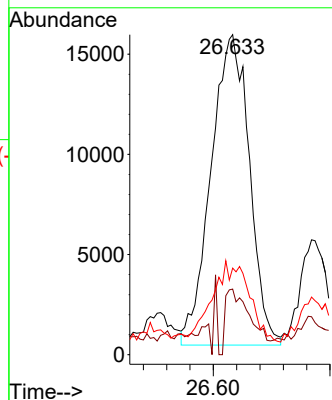
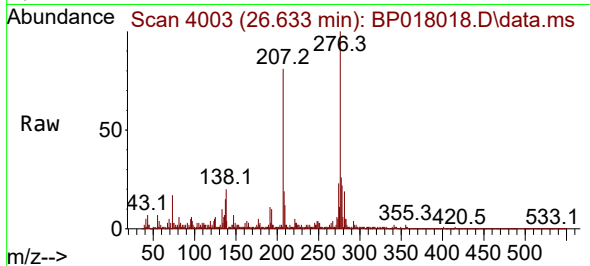
#95
Dibenzo(a,h)anthracene
Concen: 2.415 ng/ul m
RT: 26.633 min Scan# 4004
Delta R.T. -0.023 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

Instrument :
BNA_P
ClientSampleId :
DCKI3

Tgt Ion:278 Resp: 7078
Ion Ratio Lower Upper
278 100
139 20.5 11.9 17.9
279 27.1 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#96
Benzo(g,h,i)perylene
Concen: 8.741 ng/ul
RT: 27.462 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BP018018.D
Acq: 10 Nov 2023 08:33

Tgt Ion:276 Resp: 247290
Ion Ratio Lower Upper
276 100
138 20.5 15.0 22.6
277 24.2 19.0 28.6

