

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022828.D
 Acq On : 04 Nov 2024 15:39
 Operator : RC/JU
 Sample : P4568-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EG0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 04 18:00:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	87284	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	323817	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.245	164	256130	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.045	188	622477	20.000	ng/ul	-0.02
79) Chrysene-d12	21.492	240	724912	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	877551	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3556	1.583	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.834	99	58697	7.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	37105	8.592	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	47170	9.048	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	44515	7.592	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	22462	9.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	25234	8.754	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	54653	8.921	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	14810m	2.046	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	201675	9.910	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	201973	9.344	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.510	143	16961m	4.968	ng/ul	0.00
60) Fluorene-d10	15.251	176	183638	10.404	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	18587	4.540	ng/ul	0.02
73) Anthracene-d10	17.157	188	284182	9.705	ng/ul	-0.01
81) Pyrene-d10	19.527	212	290658	7.582	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.510	264	235456	5.024	ng/ul	-0.01
Target Compounds						
8) Phenol	6.858	94	14214	1.859	ng/ul	95
16) Acetophenone	8.446	105	49088	5.071	ng/ul	95
30) Naphthalene	10.434	128	18450	1.070	ng/ul	98
52) Acenaphthene	14.310	153	30628	1.931	ng/ul	98
56) Dibenzofuran	14.657	168	30626	1.285	ng/ul	99
61) Fluorene	15.316	166	30862	1.590	ng/ul	95
72) Phenanthrene	17.098	178	430511	12.927	ng/ul	99
74) Anthracene	17.192	178	68048	2.048	ng/ul	95
80) Fluoranthene	19.180	202	505783	11.477	ng/ul	98
82) Pyrene	19.557	202	281879	5.968	ng/ul	97
85) Benzo(a)anthracene	21.469	228	199735	3.930	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	78554	3.328	ng/ul#	96
87) Chrysene	21.539	228	189964	4.031	ng/ul	97
90) Benzo(b)fluoranthene	23.721	252	218354	3.953	ng/ul	98
91) Benzo(k)fluoranthene	23.780	252	84591m	1.564	ng/ul	
93) Benzo(a)pyrene	24.586	252	62571	1.231	ng/ul	99

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

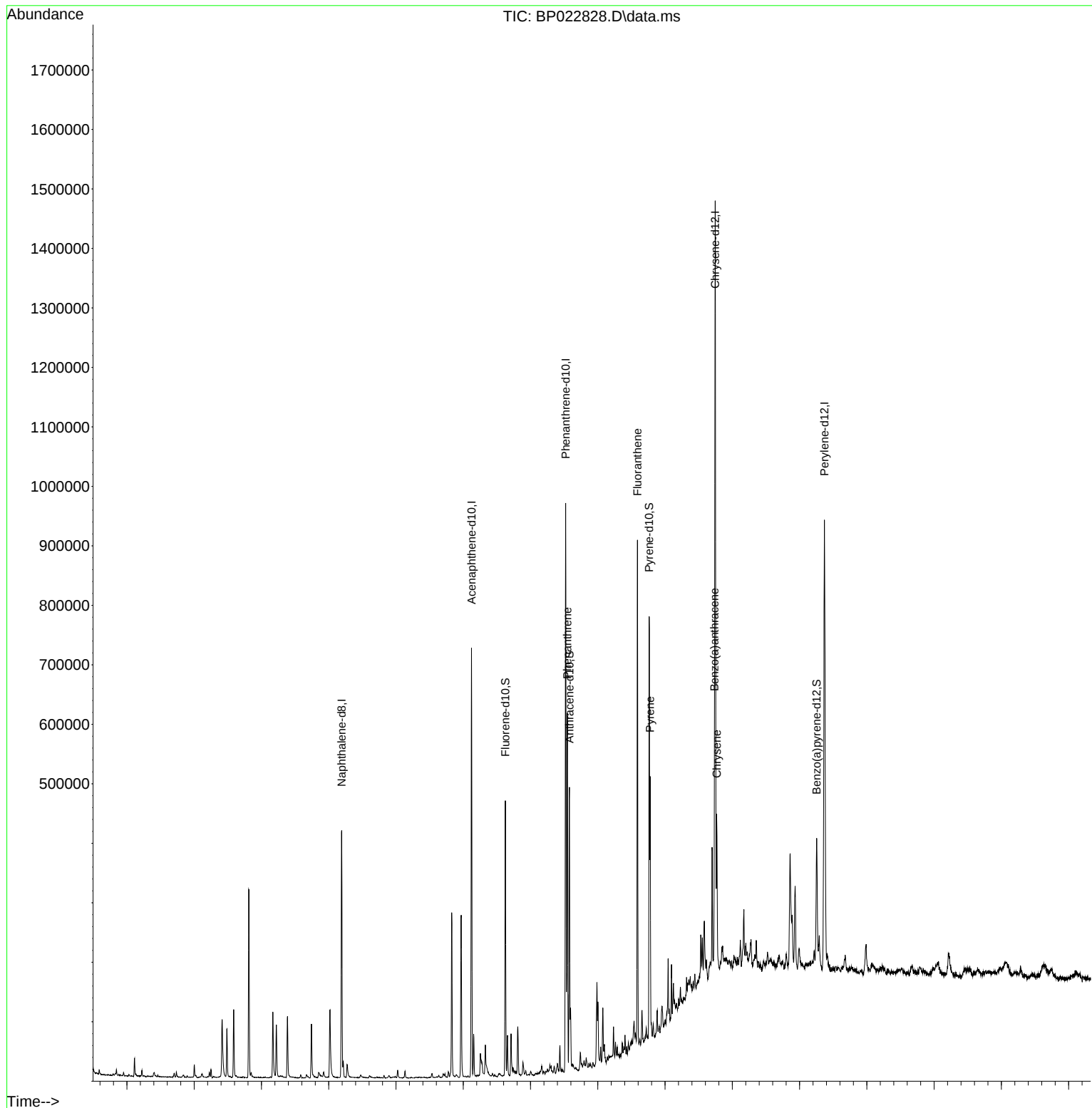
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022828.D
Acq On : 04 Nov 2024 15:39
Operator : RC/JU
Sample : P4568-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

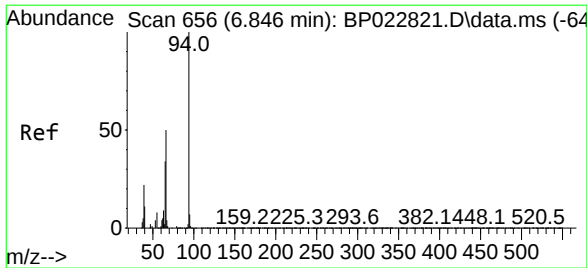
Instrument :
BNA_P
ClientSampleId :
A4EG0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 04 18:00:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration





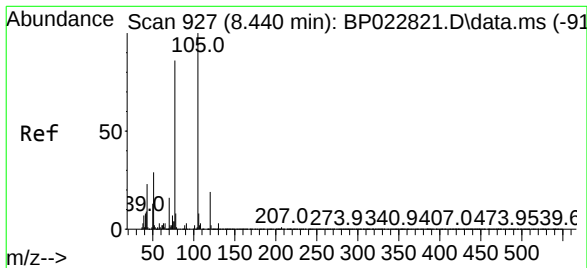
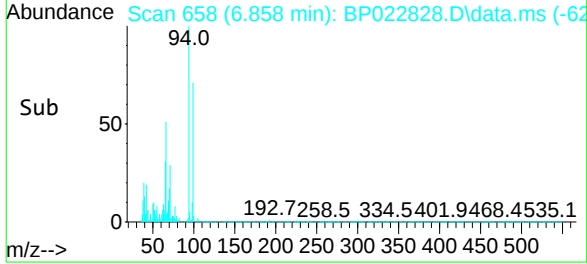
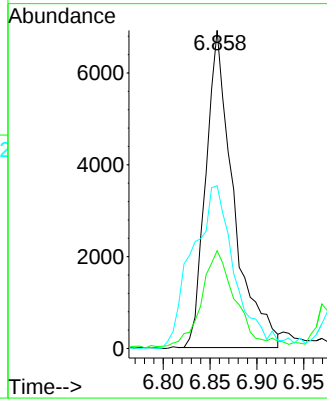
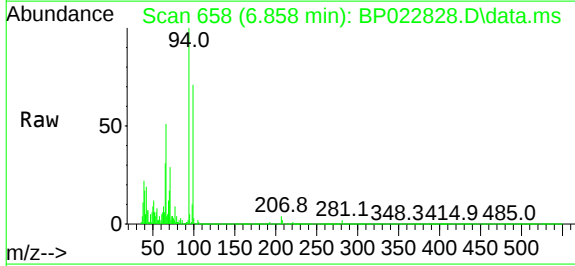
#8
Phenol
Concen: 1.859 ng/u1
RT: 6.858 min Scan# 65
Delta R.T. -0.000 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39

Instrument :
BNA_P
ClientSampleId :
A4EG0

Tgt Ion:	94	Resp:	14214
Ion	Ratio	Lower	Upper
94	100		
65	30.8	25.9	38.9
66	51.2	37.6	56.4

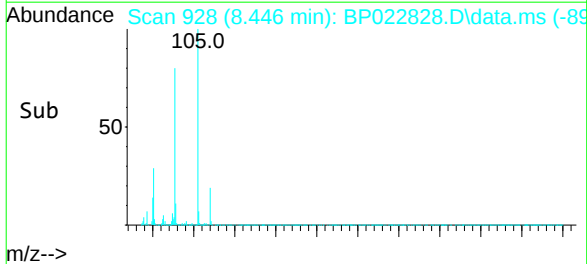
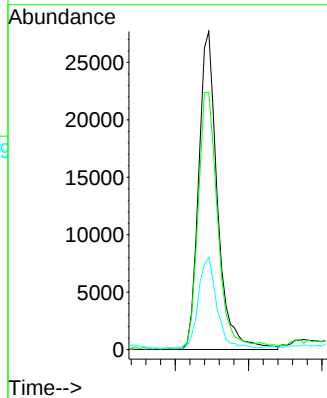
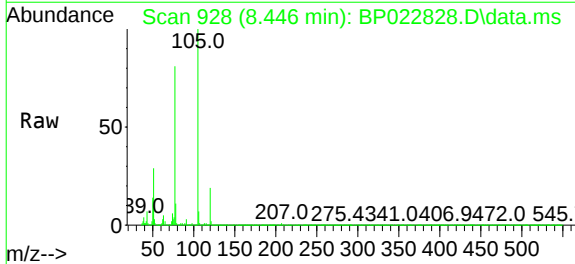
Manual Integrations
APPROVED

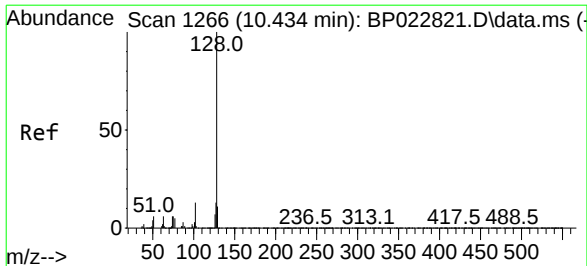
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#16
Acetophenone
Concen: 5.071 ng/u1
RT: 8.446 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39

Tgt Ion:	105	Resp:	49088
Ion	Ratio	Lower	Upper
105	100		
77	80.9	69.0	103.4
51	29.0	22.6	33.8





#30

Naphthalene

Concen: 1.070 ng/u1

RT: 10.434 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Instrument :

BNA_P

ClientSampleId :

A4EG0

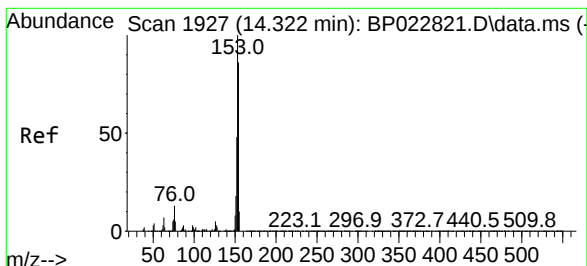
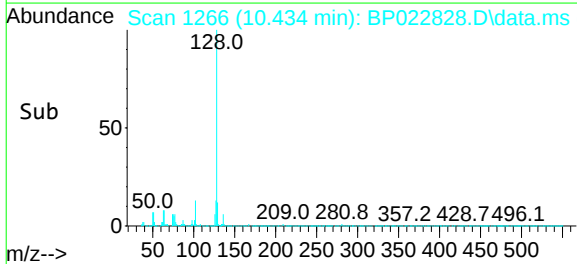
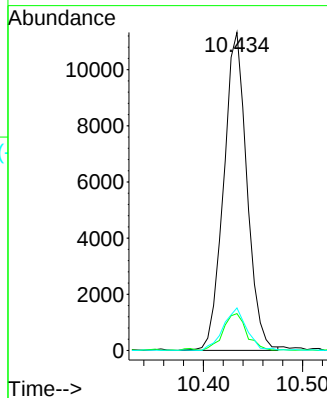
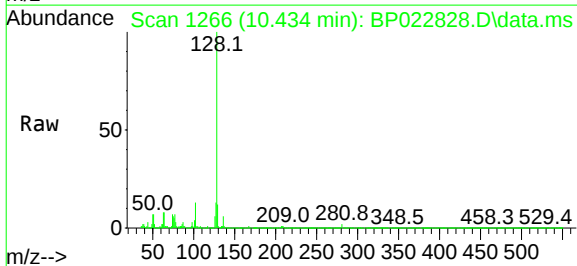
Tgt Ion:	128	Resp:	18450
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	12.8
127	13.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#52

Acenaphthene

Concen: 1.931 ng/u1

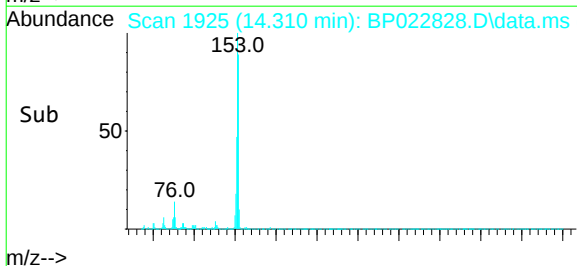
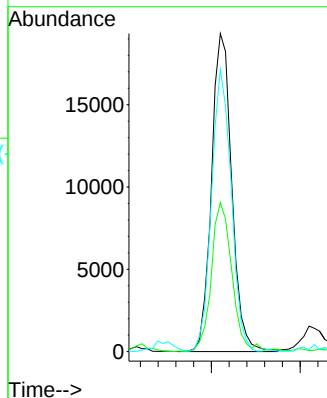
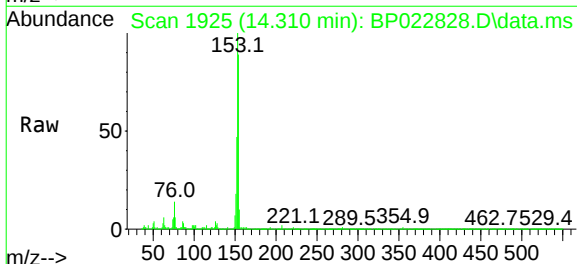
RT: 14.310 min Scan# 1925

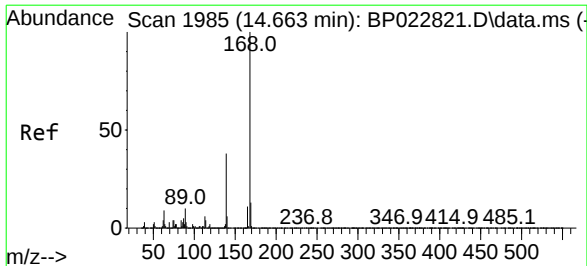
Delta R.T. -0.018 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

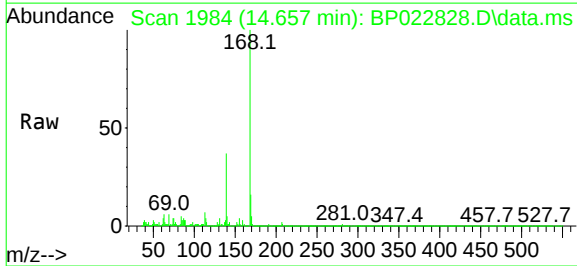
Tgt Ion:	153	Resp:	30628
Ion Ratio	Lower	Upper	
153	100		
152	46.8	37.8	56.6
154	88.8	69.5	104.3





#56
Dibenzenofuran
Concen: 1.285 ng/u1
RT: 14.657 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39

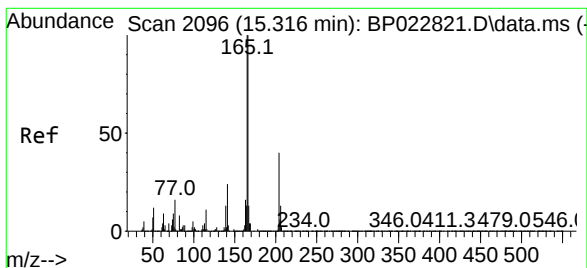
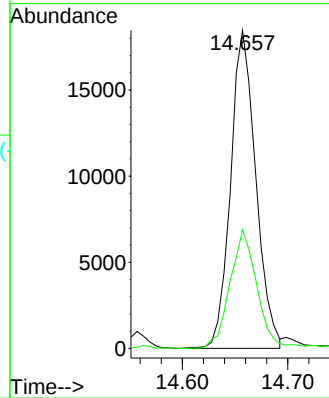
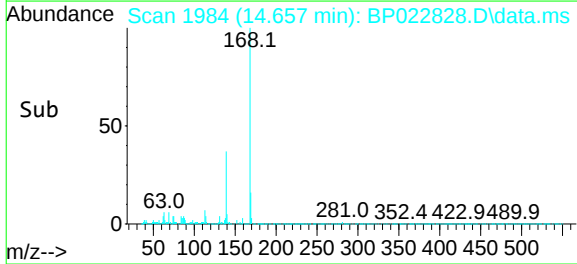
Instrument :
BNA_P
ClientSampleId :
A4EG0



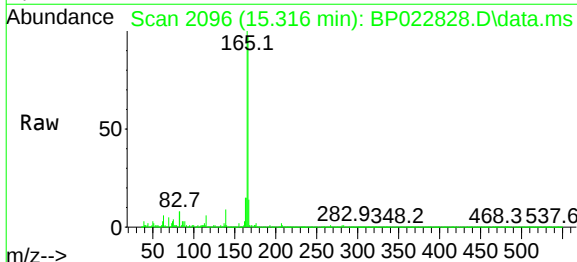
Tgt Ion:168 Resp: 30626
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2

Manual Integrations
APPROVED

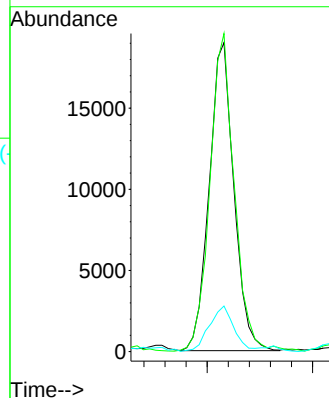
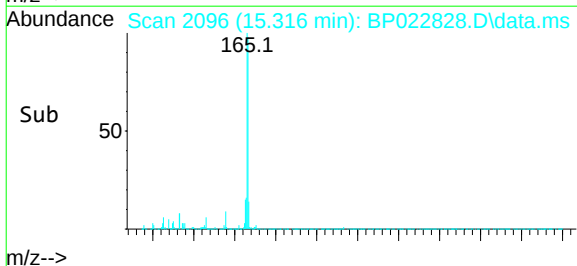
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

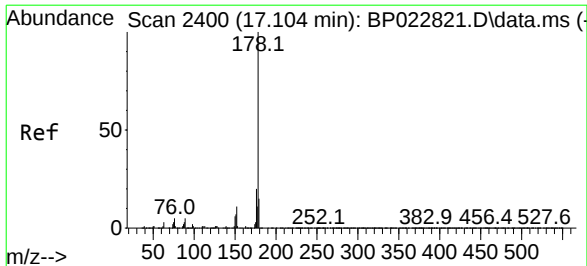


#61
Fluorene
Concen: 1.590 ng/u1
RT: 15.316 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39



Tgt Ion:166 Resp: 30862
Ion Ratio Lower Upper
166 100
165 102.9 77.8 116.6
167 14.7 11.1 16.7





#72

Phenanthrene

Concen: 12.927 ng/u1

RT: 17.098 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Instrument :

BNA_P

ClientSampleId :

A4EG0

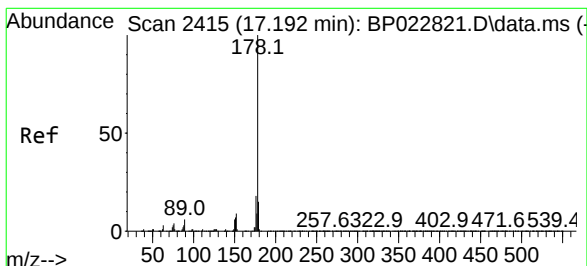
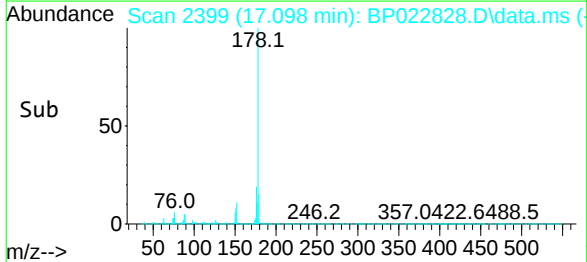
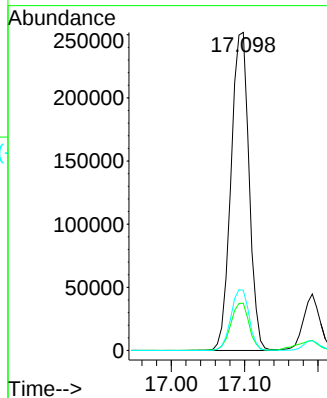
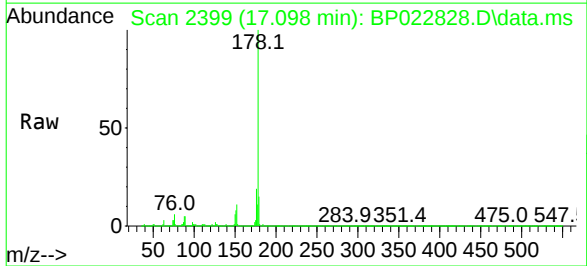
Tgt Ion:178	Resp: 430511
Ion Ratio	Lower Upper
178 100	
179 14.9	12.2 18.4
176 18.9	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#74

Anthracene

Concen: 2.048 ng/u1

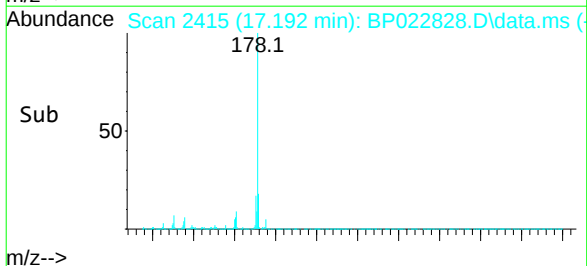
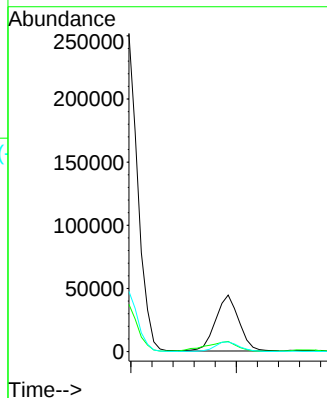
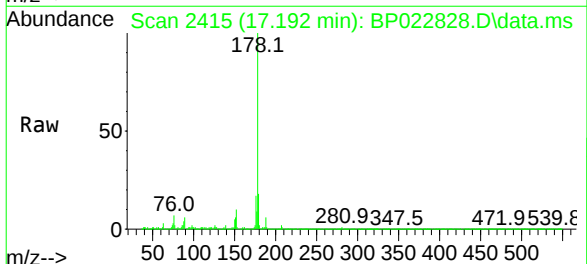
RT: 17.192 min Scan# 2415

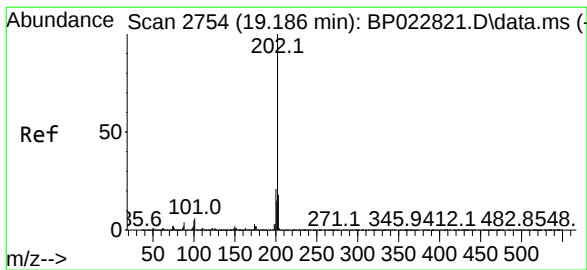
Delta R.T. -0.012 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Tgt Ion:178	Resp: 68048
Ion Ratio	Lower Upper
178 100	
179 18.0	12.0 18.0
176 17.1	15.0 22.4





#80

Fluoranthene

Concen: 11.477 ng/u1

RT: 19.180 min Scan# 27

Delta R.T. -0.012 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Instrument :

BNA_P

ClientSampleId :

A4EG0

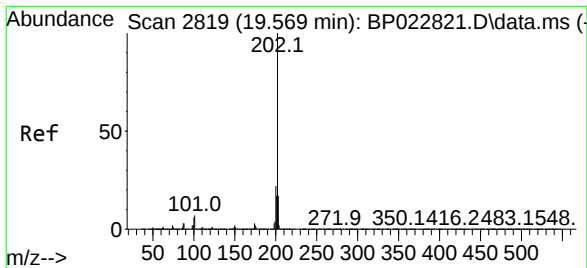
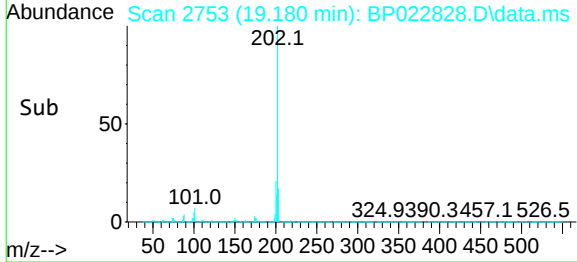
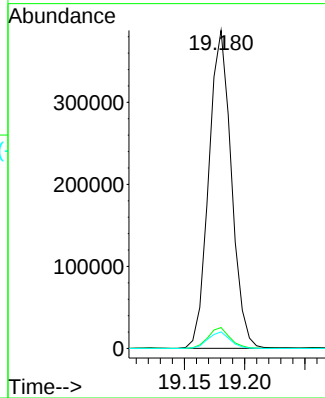
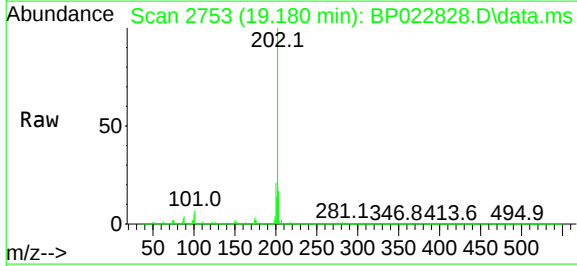
Tgt Ion:	202	Resp:	505783
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.8	8.8
100	5.2	4.5	6.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#82

Pyrene

Concen: 5.968 ng/u1

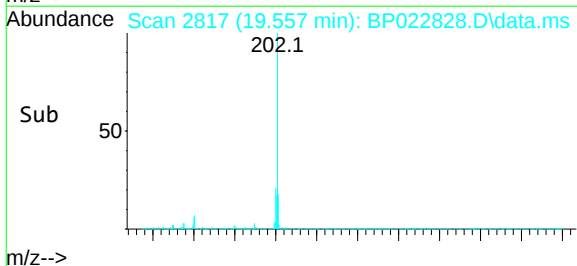
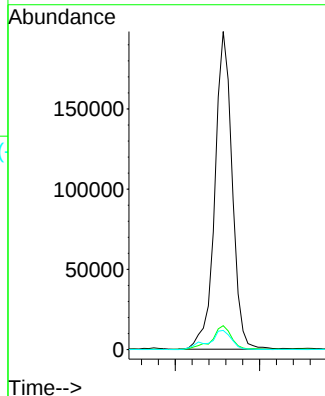
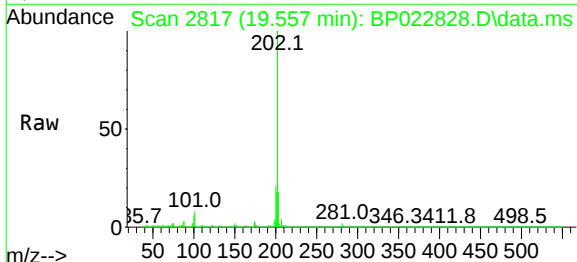
RT: 19.557 min Scan# 2817

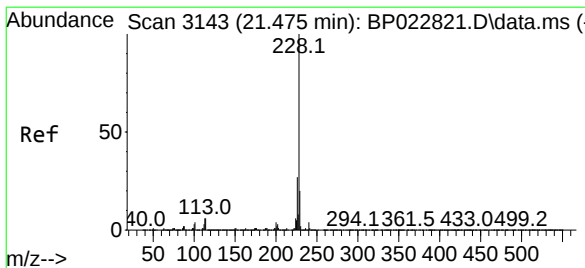
Delta R.T. -0.018 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Tgt Ion:	202	Resp:	281879
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.7	10.1
100	6.0	5.8	8.6





#85

Benzo(a)anthracene

Concen: 3.930 ng/ul

RT: 21.469 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Instrument :

BNA_P

ClientSampleId :

A4EG0

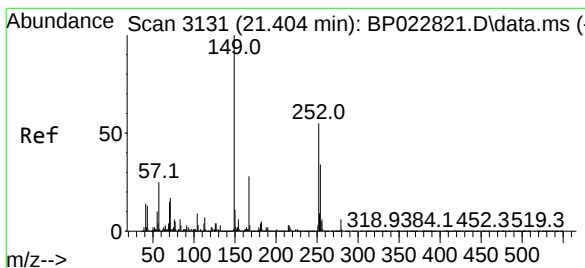
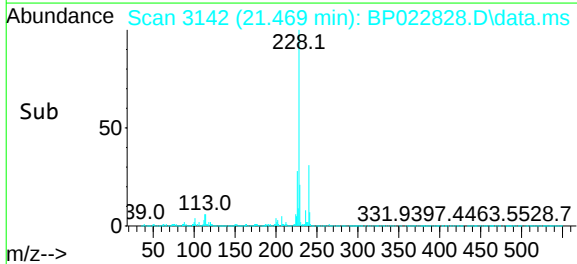
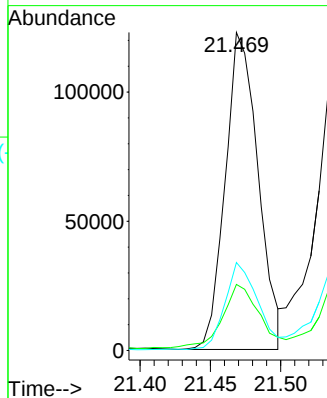
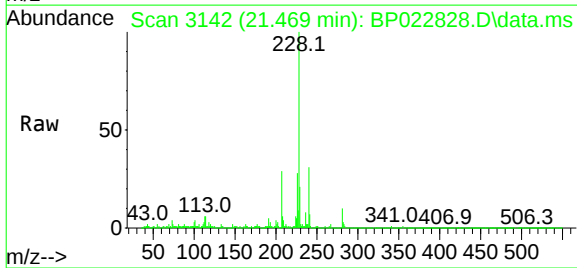
Tgt Ion:	228	Resp:	199735
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.7	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.328 ng/ul

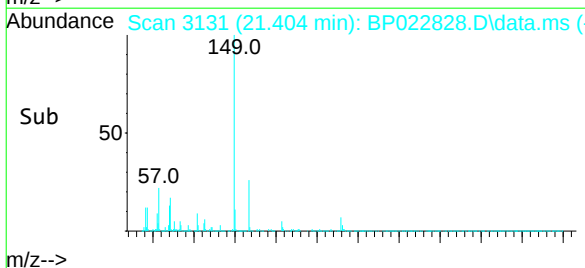
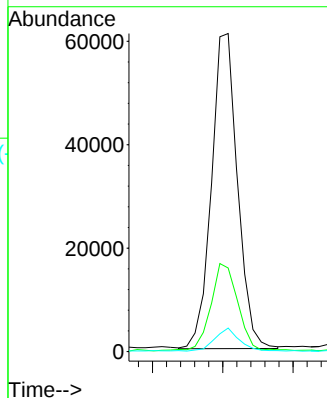
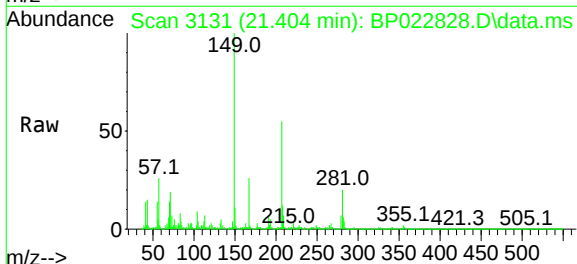
RT: 21.404 min Scan# 3131

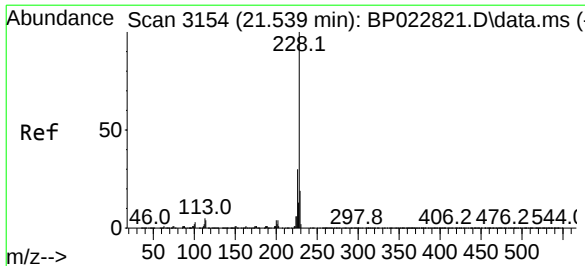
Delta R.T. -0.006 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Tgt Ion:	149	Resp:	78554
Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.0	34.4
279	7.4	4.8	7.2#





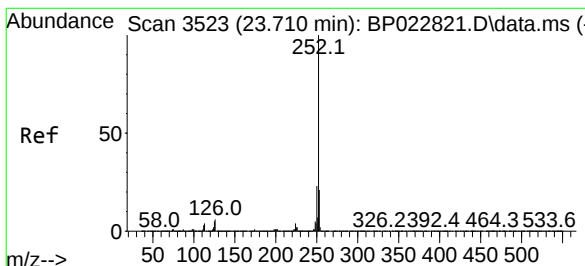
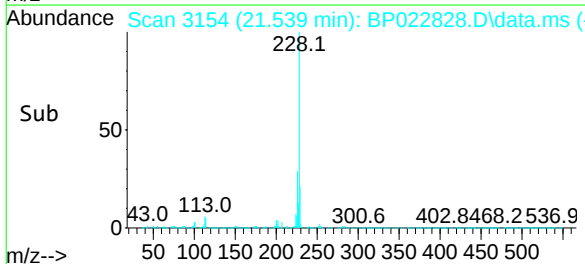
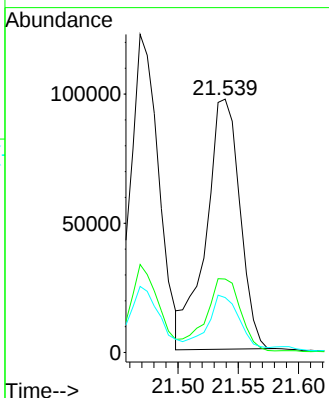
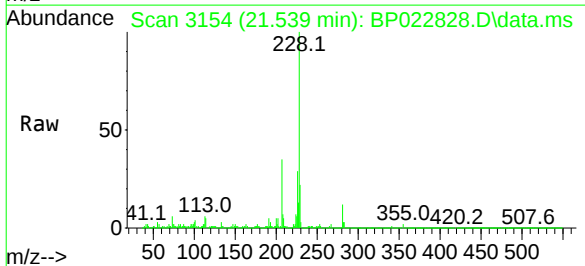
#87
Chrysene
Concen: 4.031 ng/u1
RT: 21.539 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39

Instrument :
BNA_P
ClientSampleId :
A4EG0

Tgt Ion:	228	Resp:	189964
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.8	35.8
229	21.7	15.5	23.3

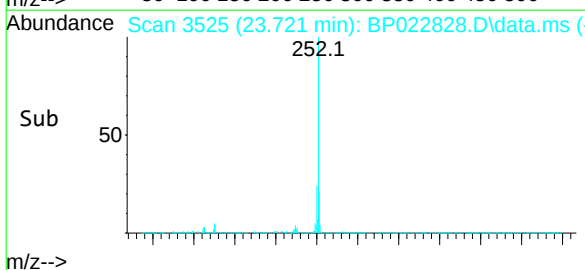
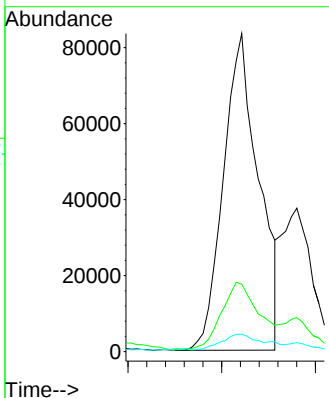
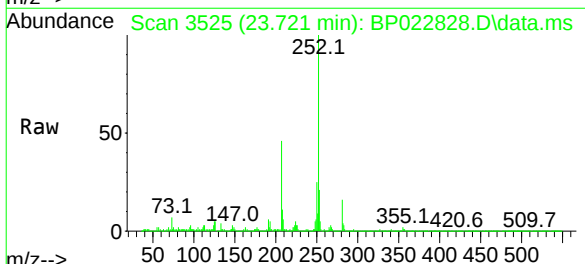
Manual Integrations
APPROVED

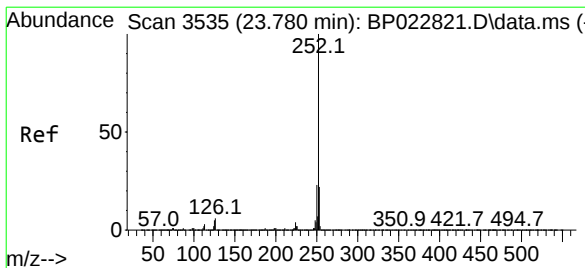
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#90
Benzo(b)fluoranthene
Concen: 3.953 ng/u1
RT: 23.721 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP022828.D
Acq: 04 Nov 2024 15:39

Tgt Ion:	252	Resp:	218354
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.8
125	5.4	5.0	7.4





#91

Benzo(k)fluoranthene

Concen: 1.564 ng/u1 m

RT: 23.780 min Scan# 35

Delta R.T. -0.012 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Instrument :

BNA_P

ClientSampleId :

A4EG0

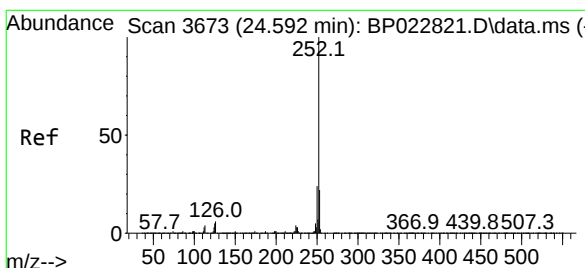
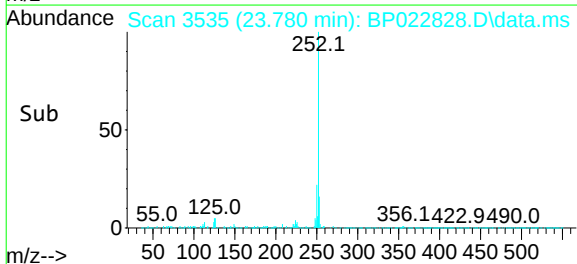
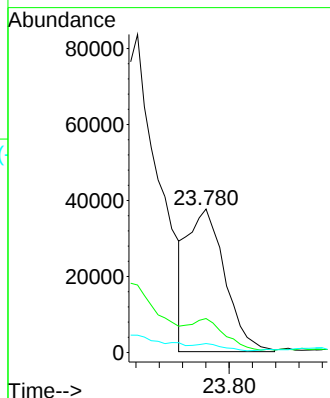
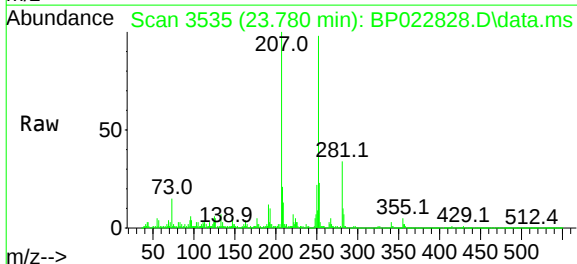
Tgt Ion:	252	Resp:	84591
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	6.3	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#93

Benzo(a)pyrene

Concen: 1.231 ng/u1

RT: 24.586 min Scan# 3672

Delta R.T. -0.012 min

Lab File: BP022828.D

Acq: 04 Nov 2024 15:39

Tgt Ion:	252	Resp:	62571
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	5.6	4.9	7.3

