

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022849.D
 Acq On : 05 Nov 2024 06:30
 Operator : RC/JU
 Sample : P4568-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EE4

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 07:03:07 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	115229	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	437639	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	337600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	778138m	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	773488	20.000	ng/ul	-0.01
88) Perylene-d12	24.739	264	900233	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	2901	0.978	ng/uL	0.00
4) Pyridine-d5	3.611	84	6559m	0.806	ng/ul	0.02
7) Phenol-d5	6.828	99	58294	6.010	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	37111	6.510	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	47445	6.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	48884	6.315	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	23375	6.946	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	26733	6.862	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	56917	6.874	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	8760m	0.895	ng/ul	0.01
46) Dimethylphthalate-d6	13.651	166	200267	7.466	ng/ul	-0.01
49) Acenaphthylene-d8	13.939	160	206020	7.232	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.534	143	18883m	4.196	ng/ul	0.02
60) Fluorene-d10	15.263	176	181917	7.819	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	11020m	2.153	ng/ul	0.00
73) Anthracene-d10	17.157	188	288069	7.870	ng/ul	-0.01
81) Pyrene-d10	19.533	212	249291	6.095	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.527	264	179118	3.726	ng/ul	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.799	77	7027	1.341	ng/ul	85
8) Phenol	6.857	94	28141	2.789	ng/ul	97
16) Acetophenone	8.440	105	127022	9.940	ng/ul	97
72) Phenanthrene	17.098	178	252380	6.062	ng/ul	100
74) Anthracene	17.186	178	52655m	1.267	ng/ul	
80) Fluoranthene	19.192	202	436509	9.283	ng/ul	98
82) Pyrene	19.574	202	229868	4.561	ng/ul	97
85) Benzo(a)anthracene	21.468	228	195138	3.599	ng/ul	99
87) Chrysene	21.533	228	181670m	3.613	ng/ul	
90) Benzo(b)fluoranthene	23.721	252	223252	3.940	ng/ul	97
91) Benzo(k)fluoranthene	23.780	252	78062m	1.407	ng/ul	
93) Benzo(a)pyrene	24.598	252	58747	1.126	ng/ul#	91

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

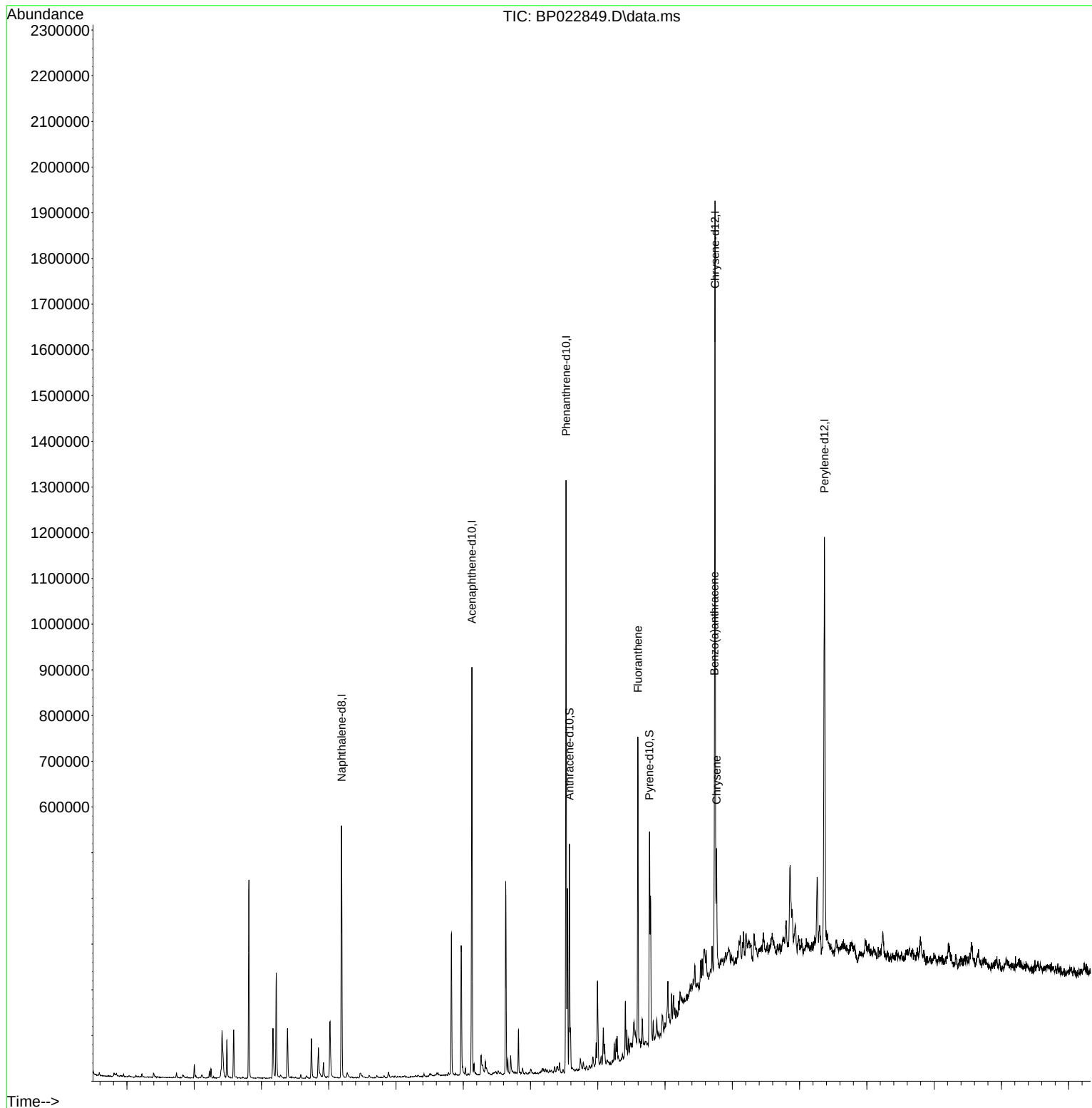
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022849.D
Acq On : 05 Nov 2024 06:30
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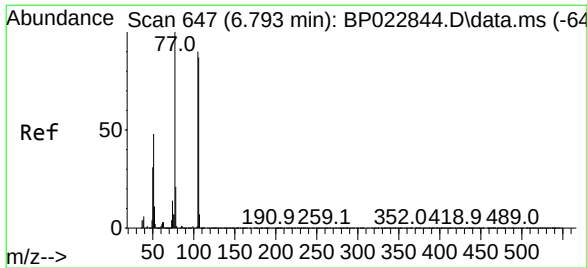
Instrument :
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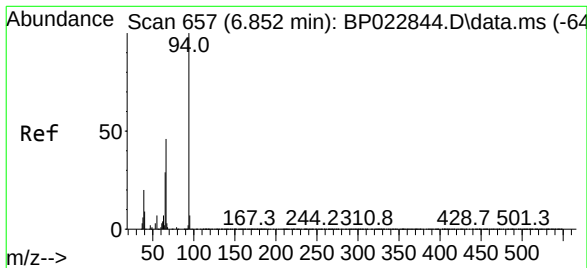
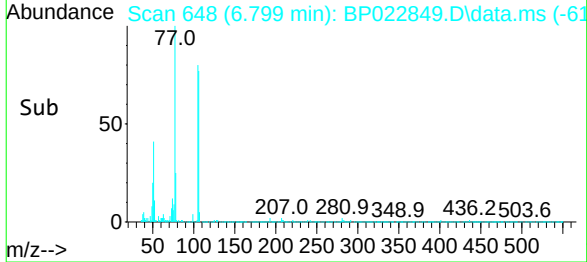
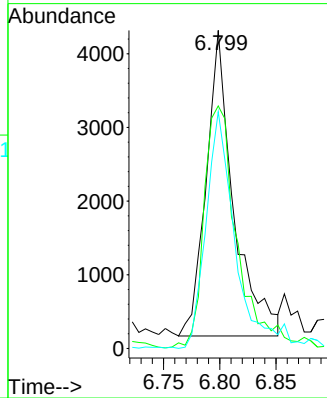
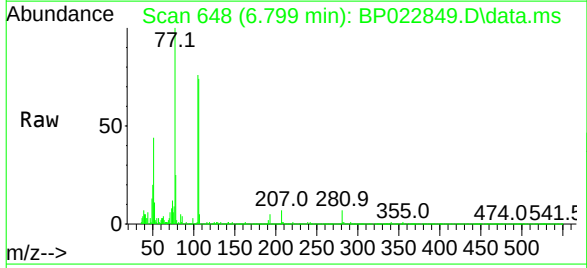
#6
Benzaldehyde
Concen: 1.341 ng/u1
RT: 6.799 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP022849.D
Acq: 05 Nov 2024 06:30

Instrument :
BNA_P
ClientSampleId :
A4EE4

Tgt Ion: 77 Resp: 7027
Ion Ratio Lower Upper
77 100
105 76.3 72.6 108.8
106 74.4 70.6 106.0

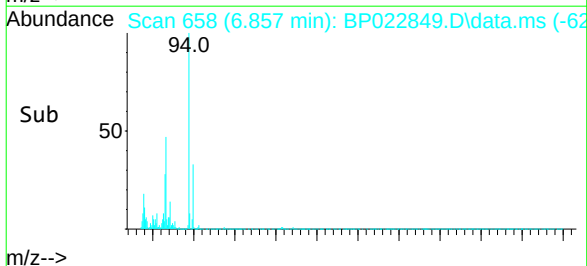
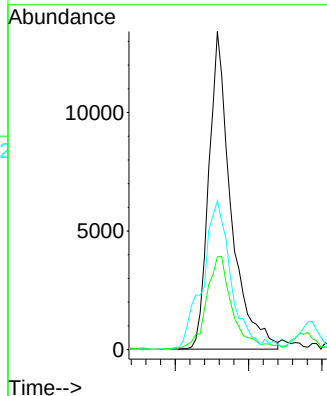
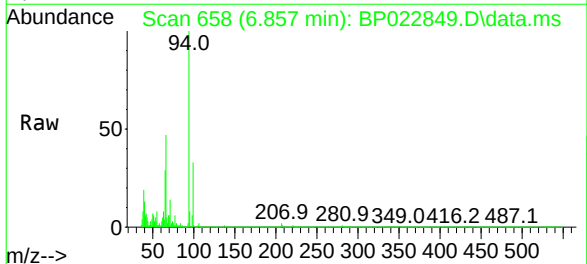
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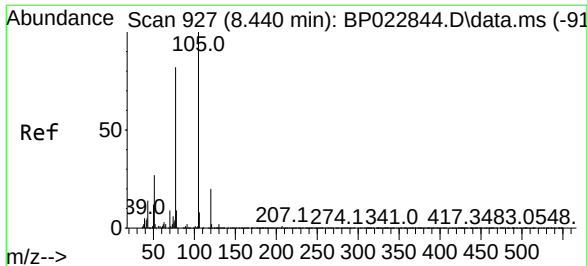
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#8
Phenol
Concen: 2.789 ng/u1
RT: 6.857 min Scan# 658
Delta R.T. -0.000 min
Lab File: BP022849.D
Acq: 05 Nov 2024 06:30

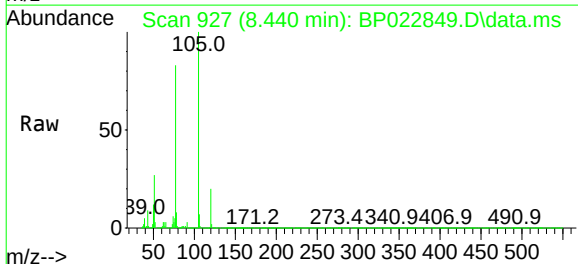
Tgt Ion: 94 Resp: 28141
Ion Ratio Lower Upper
94 100
65 29.2 25.9 38.9
66 46.8 37.6 56.4





#16
Acetophenone
Concen: 9.940 ng/u1
RT: 8.440 min Scan# 92
Delta R.T. -0.012 min
Lab File: BP022849.D
Acq: 05 Nov 2024 06:30

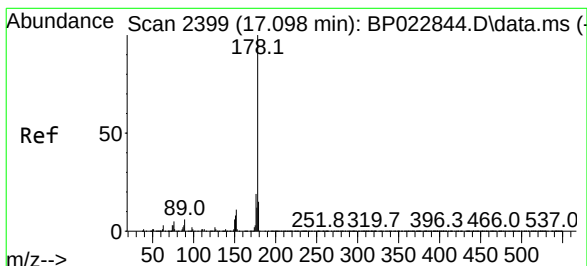
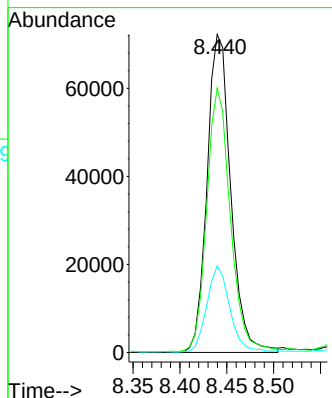
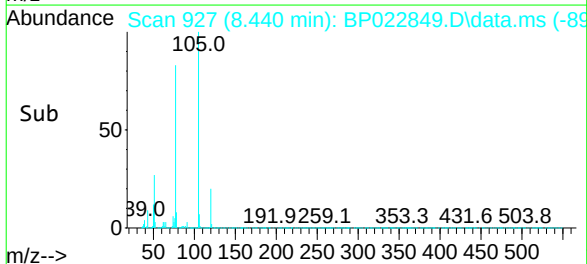
Instrument :
BNA_P
ClientSampleId :
A4EE4



Tgt Ion:105 Resp: 127022
Ion Ratio Lower Upper
105 100
77 83.2 69.0 103.4
51 27.2 22.6 33.8

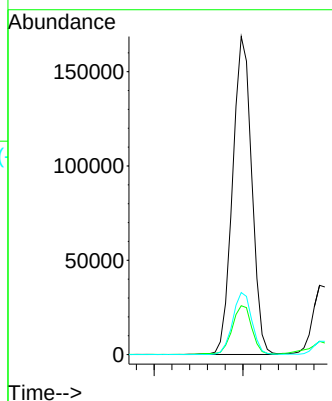
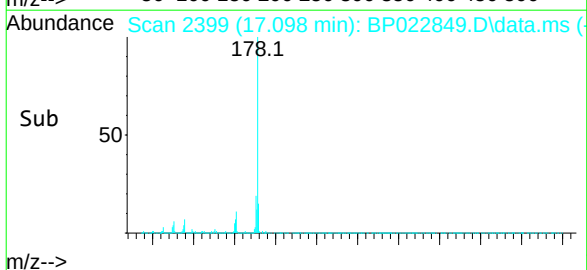
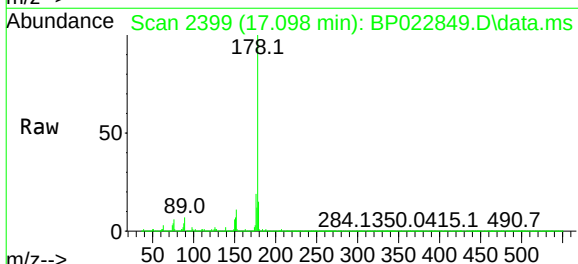
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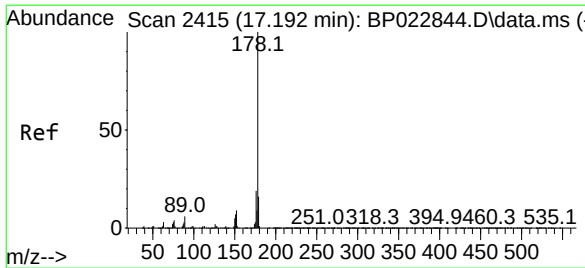
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#72
Phenanthrene
Concen: 6.062 ng/u1
RT: 17.098 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BP022849.D
Acq: 05 Nov 2024 06:30

Tgt Ion:178 Resp: 252380
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.5 15.7 23.5





#74

Anthracene

Concen: 1.267 ng/ul m

RT: 17.186 min Scan# 2415

Delta R.T. -0.018 min

Lab File: BP022849.D

Acq: 05 Nov 2024 06:30

Instrument :

BNA_P

ClientSampleId :

A4EE4

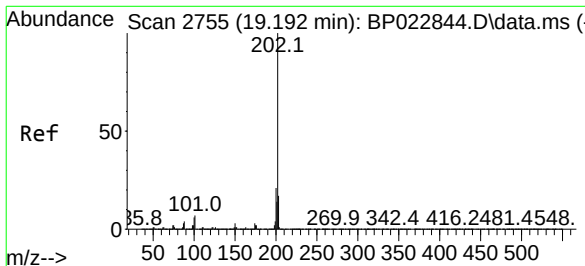
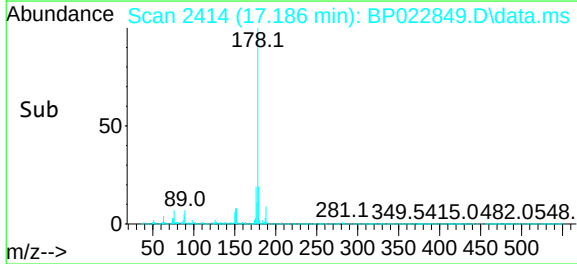
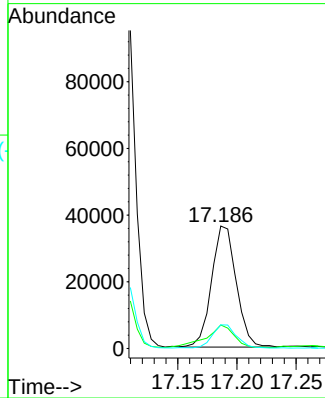
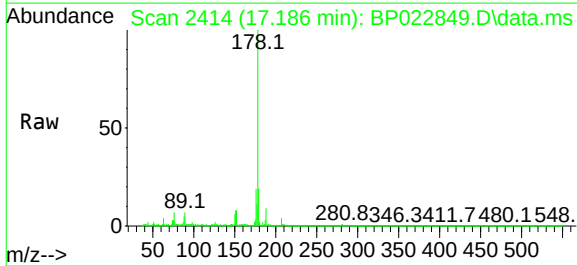
Tgt Ion:	178	Resp:	52655
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.0	18.0
176	19.3	15.0	22.4

Manual Integrations

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Supervised By :mohammad ahmed 11/08/2024



#80

Fluoranthene

Concen: 9.283 ng/ul

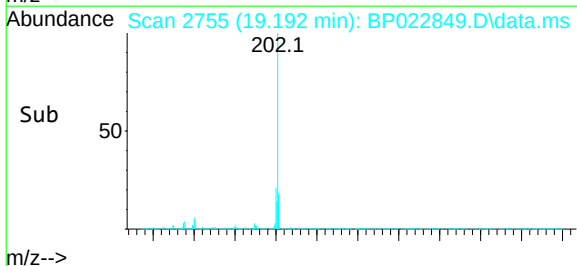
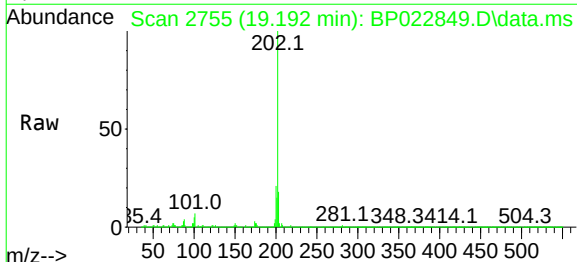
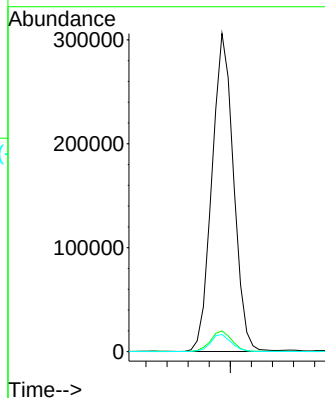
RT: 19.192 min Scan# 2755

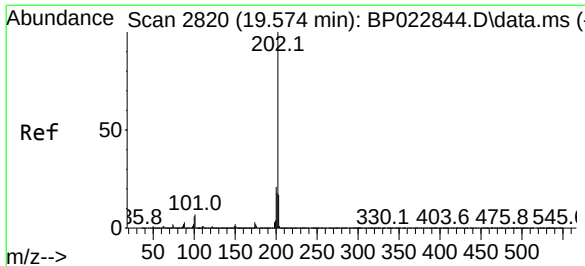
Delta R.T. -0.000 min

Lab File: BP022849.D

Acq: 05 Nov 2024 06:30

Tgt Ion:	202	Resp:	436509
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.8	8.8
100	5.4	4.5	6.7





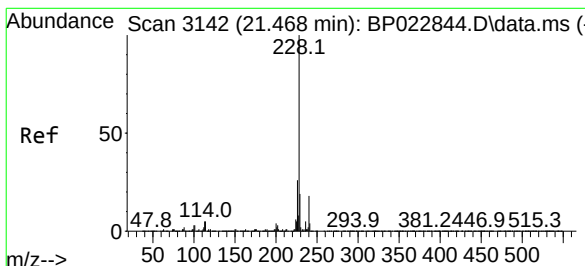
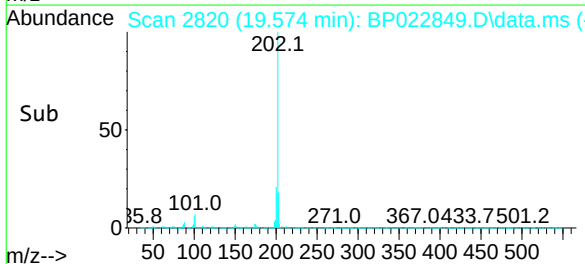
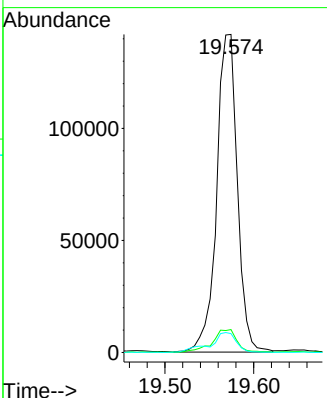
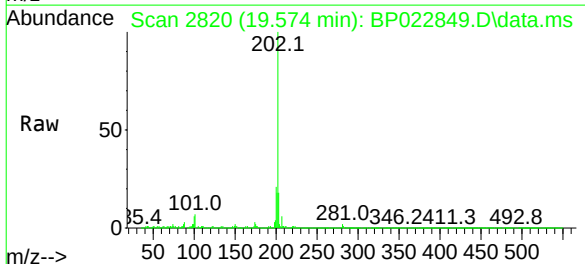
#82
 Pyrene
 Concen: 4.561 ng/u1
 RT: 19.574 min Scan# 2820
 Delta R.T. -0.000 min
 Lab File: BP022849.D
 Acq: 05 Nov 2024 06:30

Instrument :
 BNA_P
 ClientSampleId :
 A4EE4

Tgt Ion: 202	Resp: 229868
Ion Ratio	Lower Upper
202 100	
101 7.2	6.7 10.1
100 5.9	5.8 8.6

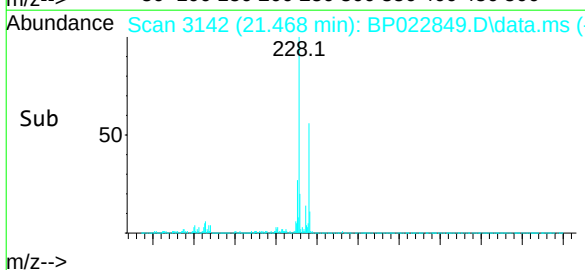
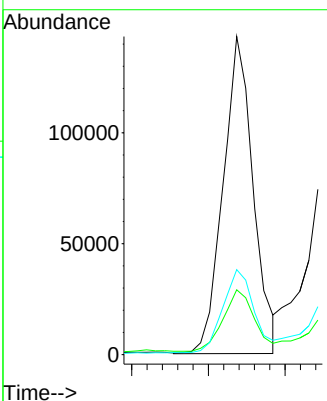
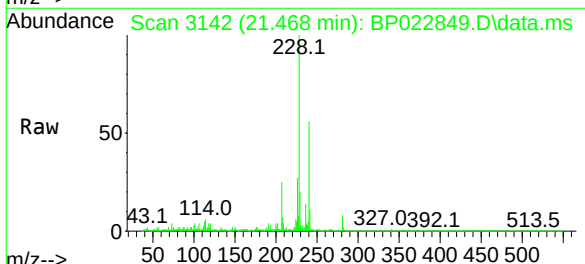
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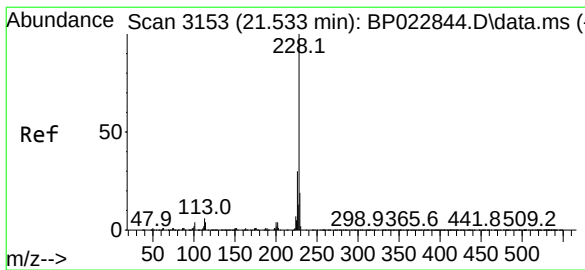
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024



#85
 Benzo(a)anthracene
 Concen: 3.599 ng/u1
 RT: 21.468 min Scan# 3142
 Delta R.T. -0.006 min
 Lab File: BP022849.D
 Acq: 05 Nov 2024 06:30

Tgt Ion: 228	Resp: 195138
Ion Ratio	Lower Upper
228 100	
229 20.4	15.4 23.0
226 26.7	21.5 32.3





#87

Chrysene

Concen: 3.613 ng/u1 m

RT: 21.533 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP022849.D

Acq: 05 Nov 2024 06:30

Instrument :

BNA_P

ClientSampleId :

A4EE4

Tgt Ion:228 Resp: 181670

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

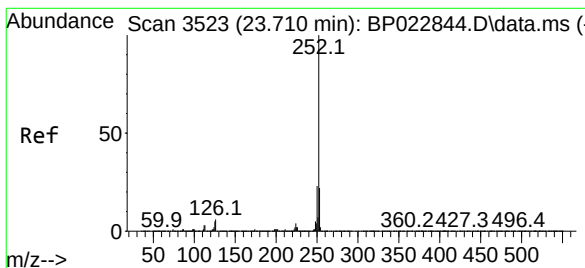
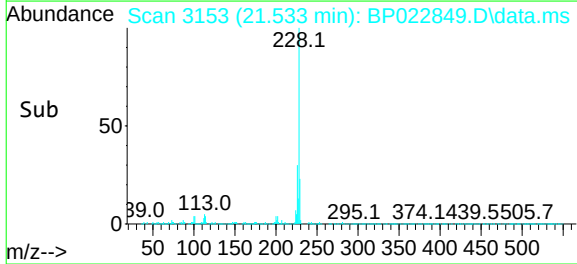
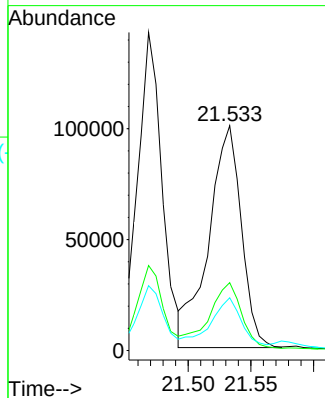
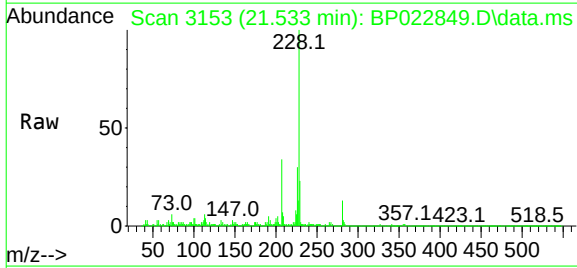
229 23.5 15.5 23.3#

Manual Integrations

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Supervised By :mohammad ahmed 11/08/2024



#90

Benzo(b)fluoranthene

Concen: 3.940 ng/u1

RT: 23.721 min Scan# 3525

Delta R.T. -0.000 min

Lab File: BP022849.D

Acq: 05 Nov 2024 06:30

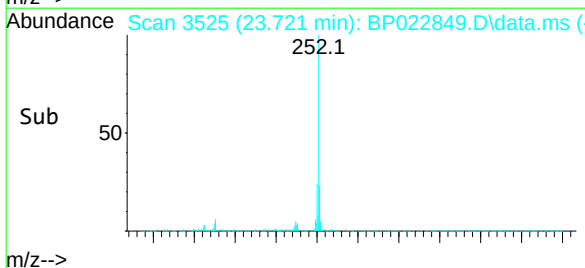
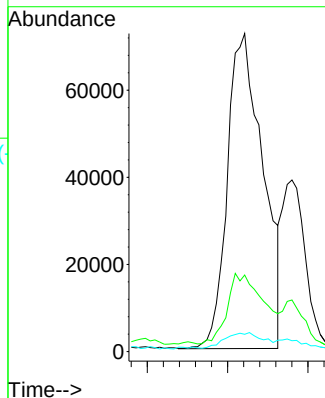
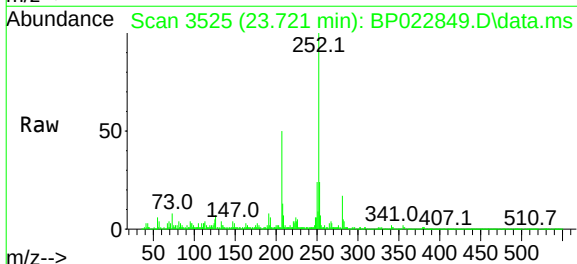
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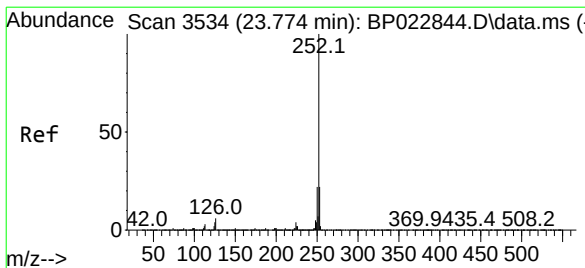
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 5.4 5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 1.407 ng/u1 m

RT: 23.780 min Scan# 35

Delta R.T. -0.012 min

Lab File: BP022849.D

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Instrument :

BNA_P

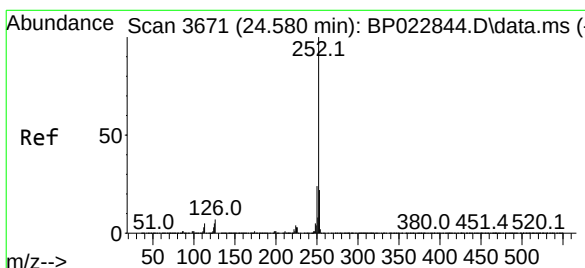
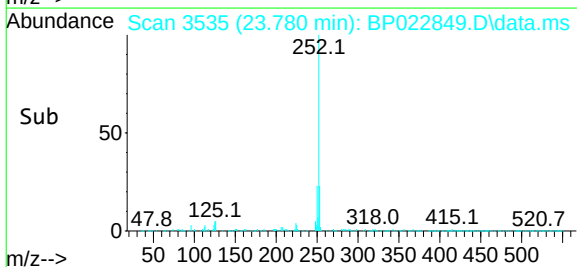
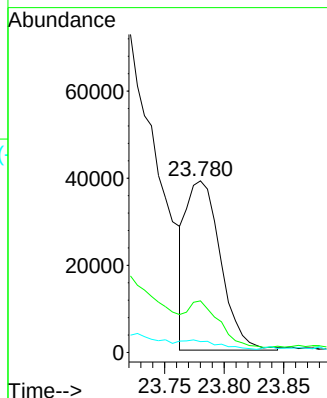
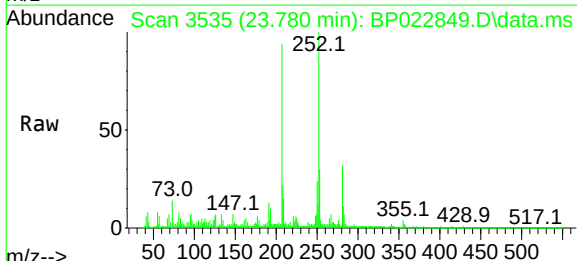
ClientSampleId :

A4EE4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.4	26.0
125	6.3	4.6	6.8

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#93

Benzo(a)pyrene

Concen: 1.126 ng/u1

RT: 24.598 min Scan# 3674

Delta R.T. -0.000 min

Lab File: BP022849.D

Acq: 05 Nov 2024 06:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	10.8	4.9	7.3

