

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022445.D
 Acq On : 17 Oct 2024 13:57
 Operator : RC/JU
 Sample : P4264-03MEDL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7MEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 10/18/2024

Supervised By :mohammad
 ahmed
 10/18/2024

Quant Time: Oct 18 02:13:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	99891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	366536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	283462	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	697300m	20.000	ng/u1	0.01
79) Chrysene-d12	21.516	240	860604	20.000	ng/u1	# 0.00
88) Perylene-d12	24.774	264	1036796	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1135	0.442	ng/uL	0.00
4) Pyridine-d5	3.628	84	10108	1.432	ng/u1	0.02
7) Phenol-d5	6.864	99	19647	2.337	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	13353m	2.702	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	15470	2.593	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	16026	2.388	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	7921	2.811	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	9018	2.764	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	18671	2.692	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	23887	2.915	ng/u1	0.01
46) Dimethylphthalate-d6	13.687	166	70297	3.121	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	70106	2.931	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	6743m	1.785	ng/u1	0.02
60) Fluorene-d10	15.287	176	63879	3.270	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	7246m	1.580	ng/u1	0.00
73) Anthracene-d10	17.187	188	106214	3.238	ng/u1	0.00
81) Pyrene-d10	19.557	212	147313	3.237	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	174913	3.159	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.475	128	1284368	65.788	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	157509	10.991	ng/u1	95
37) 1-Methylnaphthalene	12.304	142	144238	9.861	ng/u1	98
52) Acenaphthene	14.345	153	171504	9.769	ng/u1	99
61) Fluorene	15.351	166	190304	8.857	ng/u1	100
72) Phenanthrene	17.134	178	1889486m	50.648	ng/u1	
74) Anthracene	17.222	178	129639	3.482	ng/u1	99
80) Fluoranthene	19.216	202	1224796	23.410	ng/u1	97
82) Pyrene	19.592	202	801593	14.295	ng/u1	97
85) Benzo(a)anthracene	21.492	228	251408	4.167	ng/u1	98
87) Chrysene	21.563	228	195465	3.494	ng/u1	98
90) Benzo(b)fluoranthene	23.727	252	147443	2.259	ng/u1	97
93) Benzo(a)pyrene	24.610	252	63355	1.055	ng/u1	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022445.D
Acq On : 17 Oct 2024 13:57
Operator : RC/JU
Sample : P4264-03MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

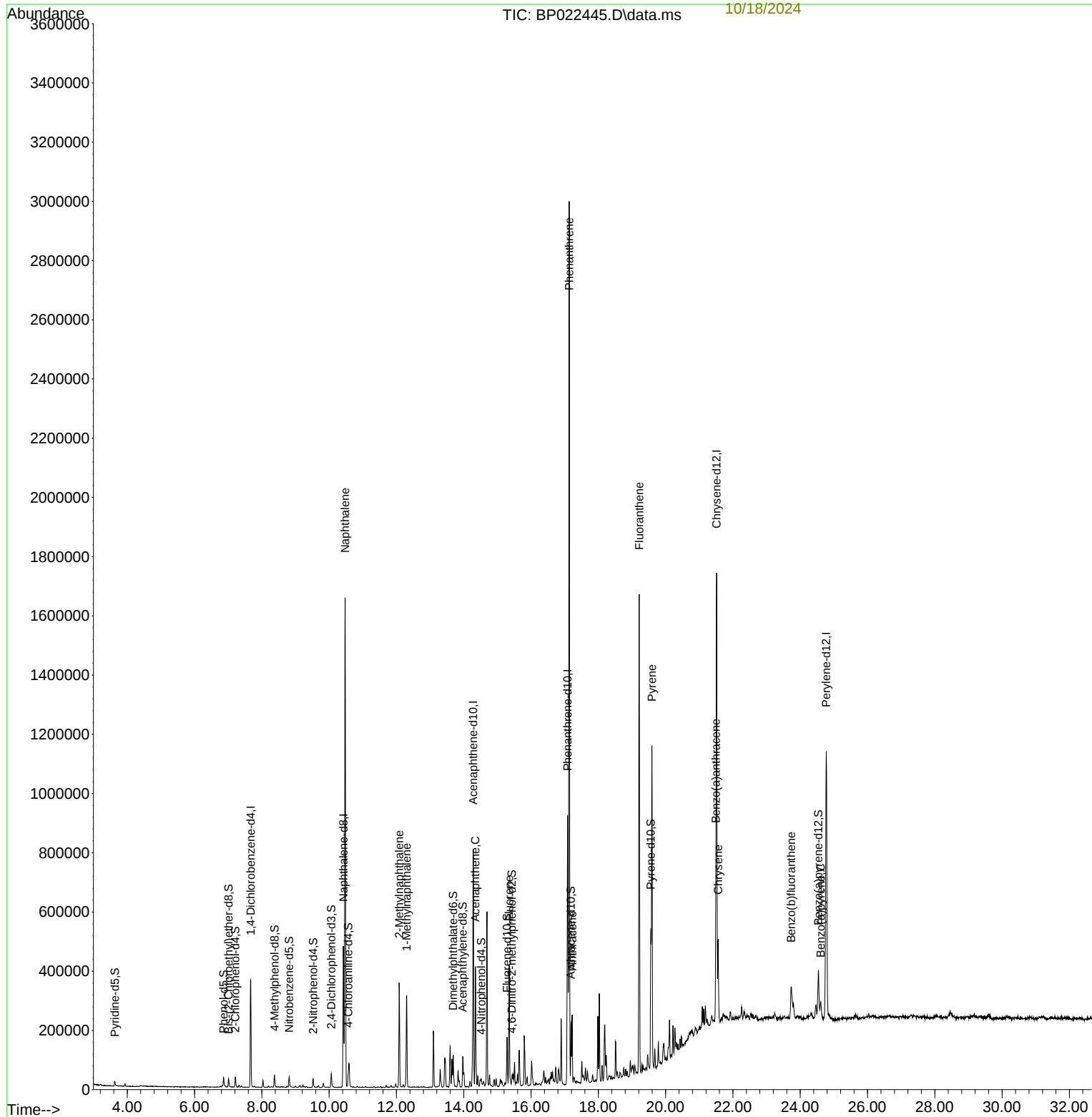
Instrument :
BNA_P
ClientSampleId :
DCYN7MEDL

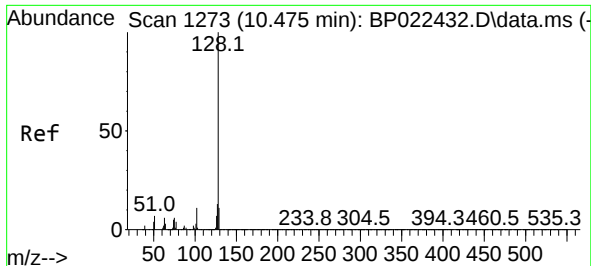
Quant Time: Oct 18 02:13:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Reviewed By :Yogesh
Patel
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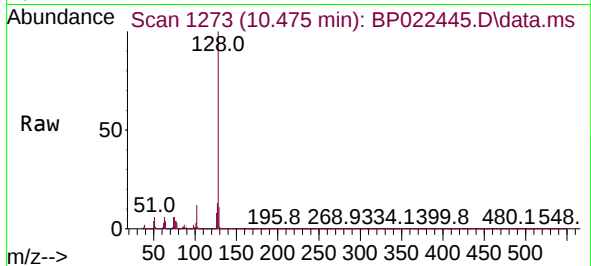
Supervised By :mohammad
ahmed
10/18/2024





#30
Naphthalene
Concen: 65.788 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

Instrument :
BNA_P
ClientSampleId :
DCYN7MEDL

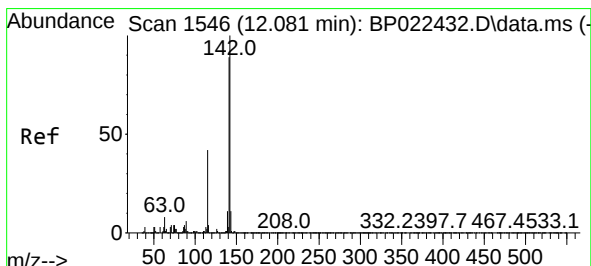
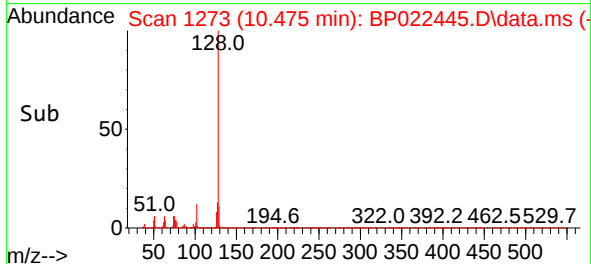
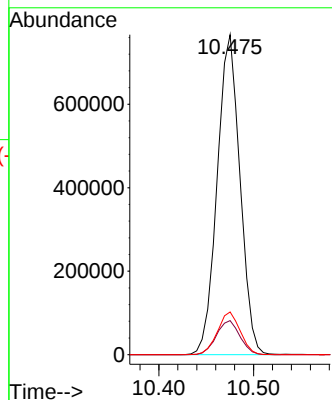


Tgt Ion:128 Resp: 1284368
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.4 9.9 14.9

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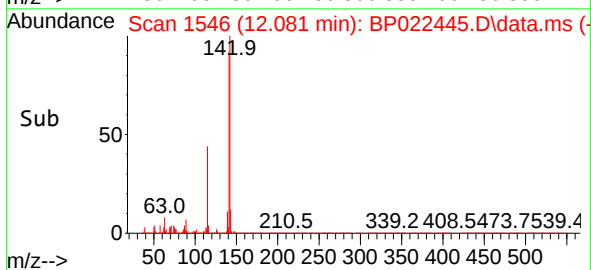
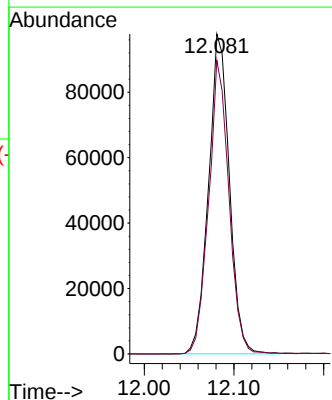
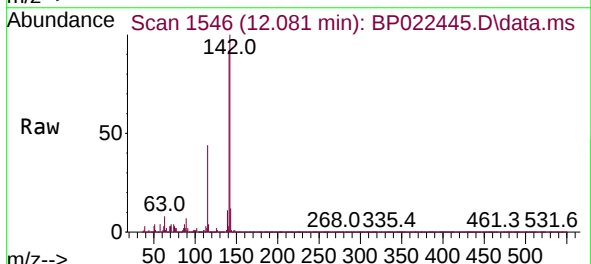
Reviewed By :Yogesh
Patel
10/18/2024

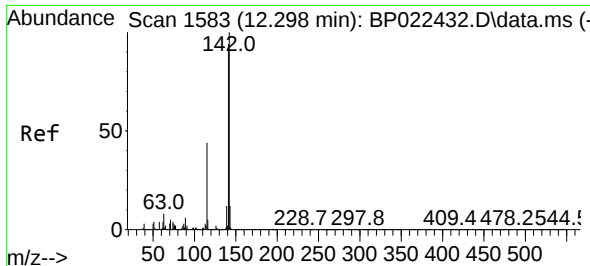
Supervised By :mohammad
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#36
2-Methylnaphthalene
Concen: 10.991 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

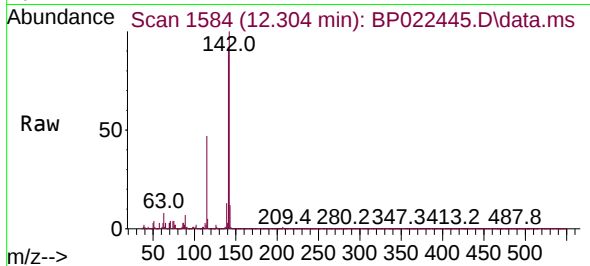
Tgt Ion:142 Resp: 157509
Ion Ratio Lower Upper
142 100
141 91.8 69.8 104.6





#37
1-Methylnaphthalene
Concen: 9.861 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

Instrument :
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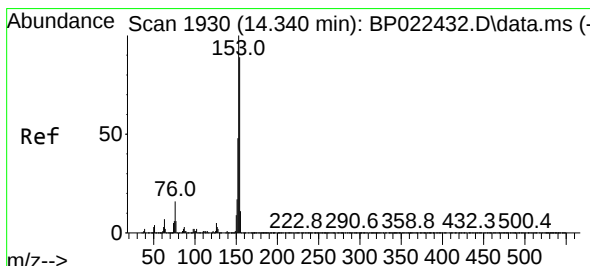
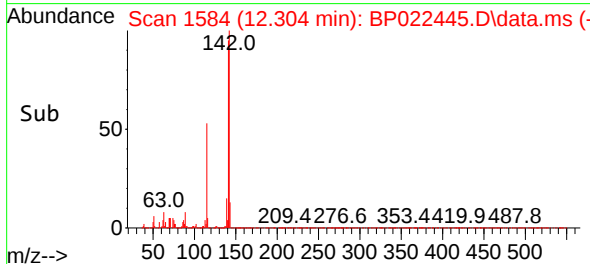
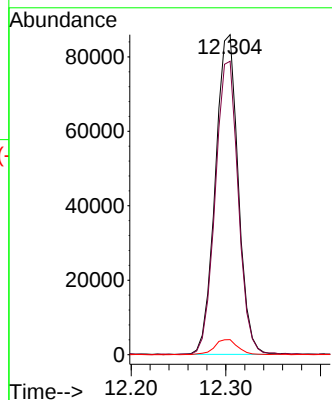


Tgt Ion:142 Resp: 144238
Ion Ratio Lower Upper
142 100
141 91.7 74.8 112.2
116 4.7 4.1 6.1

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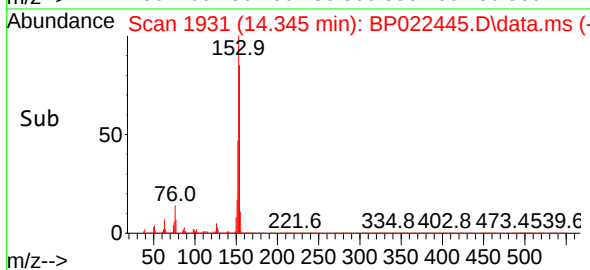
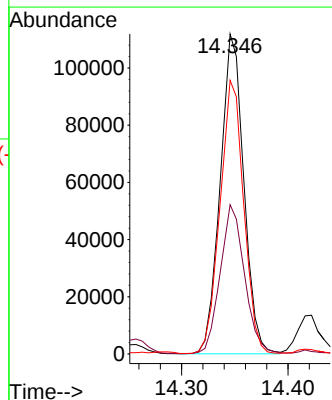
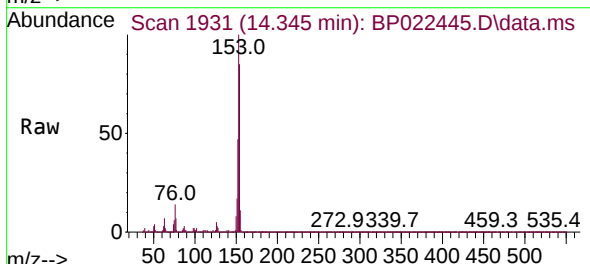
Reviewed By :Yogesh
Patel
10/18/2024

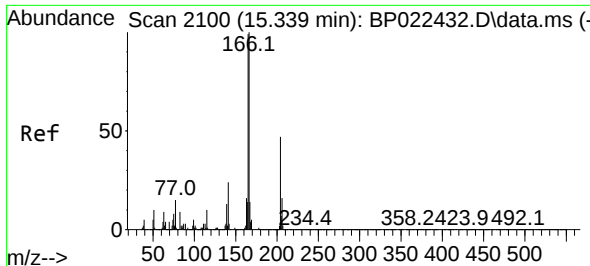
Supervised By :mohammad
ahmed
10/18/2024



#52
Acenaphthene
Concen: 9.769 ng/ul
RT: 14.345 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

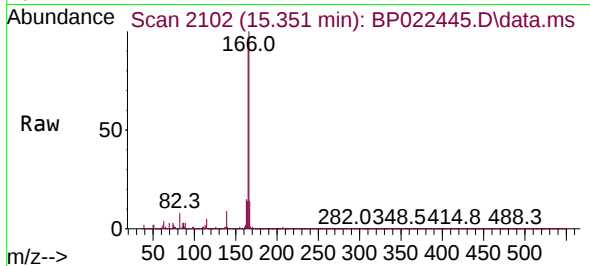
Tgt Ion:153 Resp: 171504
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 85.5 69.5 104.3





#61
Fluorene
Concen: 8.857 ng/ul
RT: 15.351 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

Instrument :
BNA_P
ClientSampleId :
DCYN7MEDL

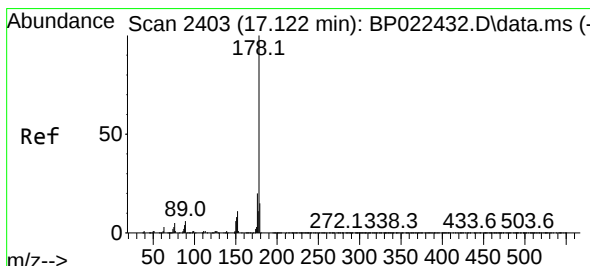
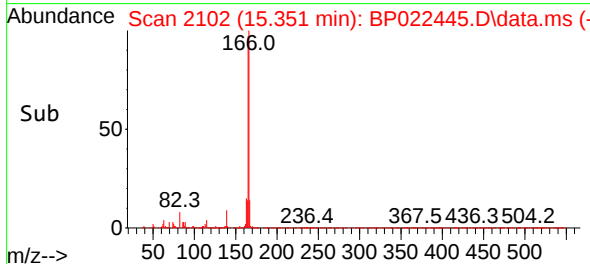
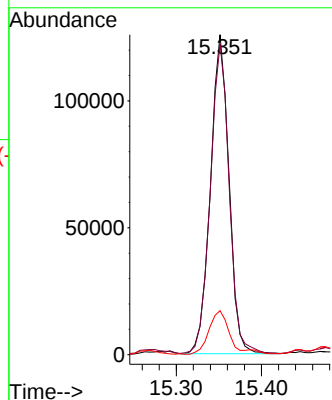


Tgt Ion:166 Resp: 190304
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.8 11.1 16.7

Manual Integrations
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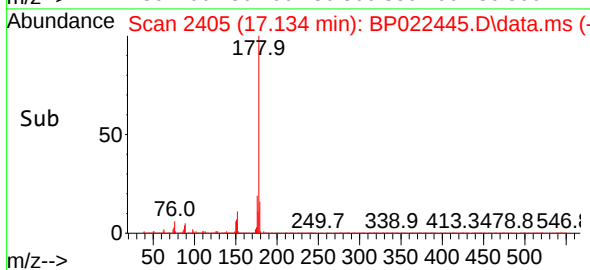
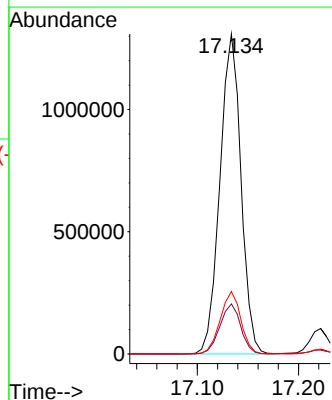
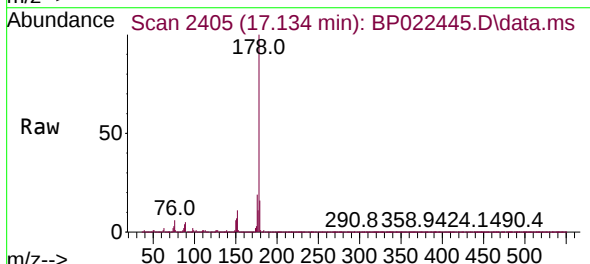
Reviewed By :Yogesh
Patel
10/18/2024

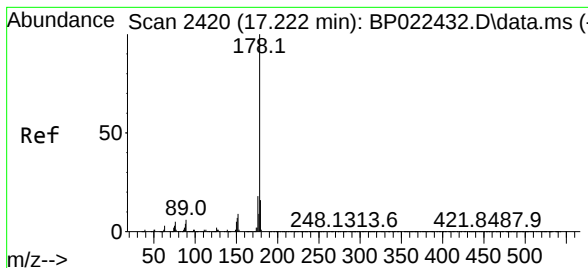
Supervised By :mohammad
ahmed
10/18/2024



#72
Phenanthrene
Concen: 50.648 ng/ul m
RT: 17.134 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BP022445.D
Acq: 17 Oct 2024 13:57

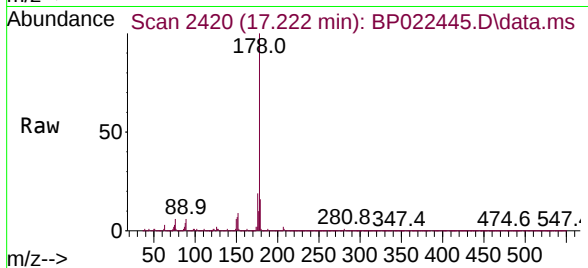
Tgt Ion:178 Resp: 1889486
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.5 15.7 23.5





#74
 Anthracene
 Concen: 3.482 ng/ul
 RT: 17.222 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BP022445.D
 Acq: 17 Oct 2024 13:57

Instrument :
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 DCYN7MEDL

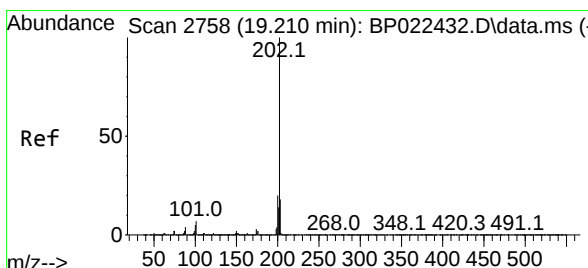
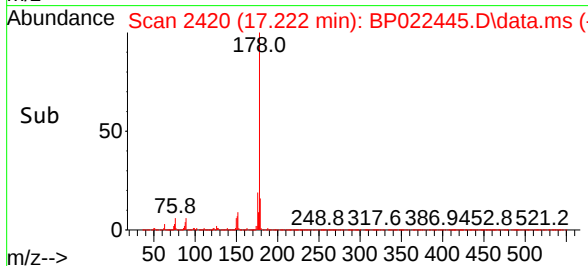
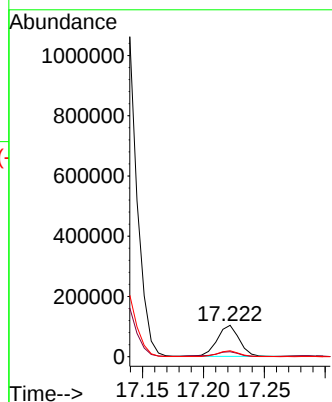


Tgt Ion:178 Resp: 129639
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.0 18.0
 176 18.7 15.0 22.4

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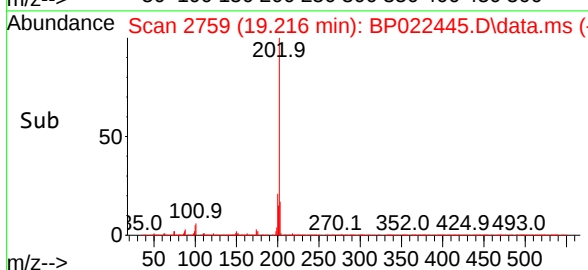
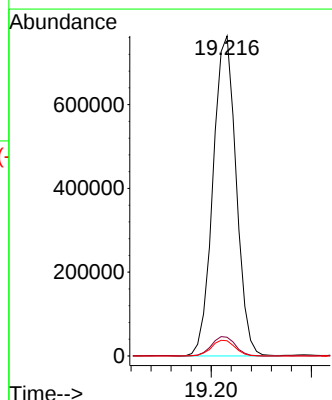
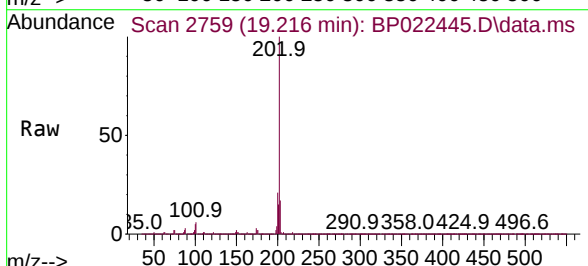
Reviewed By :Yogesh
 Patel
 10/18/2024

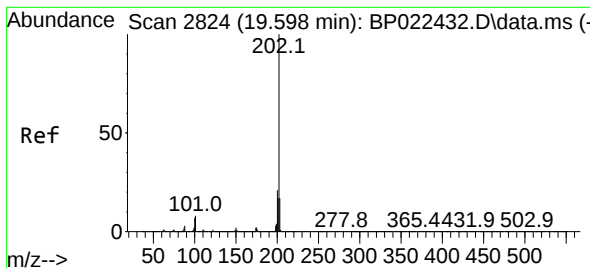
Supervised By :mohammad
 ahmed
 10/18/2024



#80
 Fluoranthene
 Concen: 23.410 ng/ul
 RT: 19.216 min Scan# 2759
 Delta R.T. 0.006 min
 Lab File: BP022445.D
 Acq: 17 Oct 2024 13:57

Tgt Ion:202 Resp: 1224796
 Ion Ratio Lower Upper
 202 100
 101 5.8 5.8 8.8
 100 4.7 4.5 6.7





#82

Pyrene

Concen: 14.295 ng/ul

RT: 19.592 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP022445.D

Acq: 17 Oct 2024 13:57

Instrument :

BNA_P

ClientSampleId :

DCYN7MEDL

Tgt Ion:	202	Resp:	80159
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.7	10.1
100	6.3	5.8	8.6

Manual Integrations

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Reviewed By :Yogesh

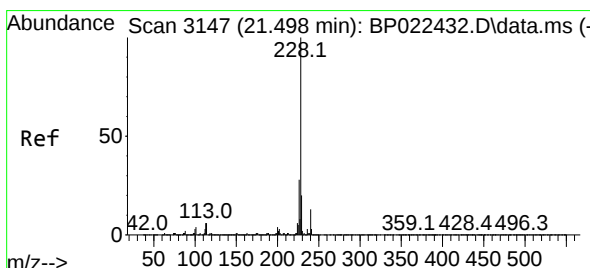
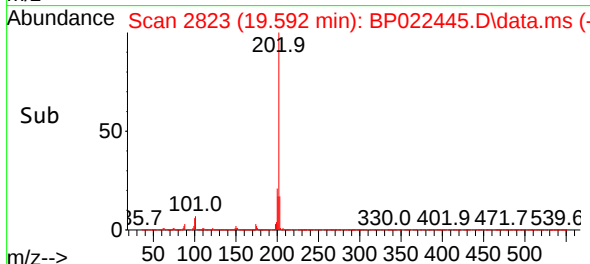
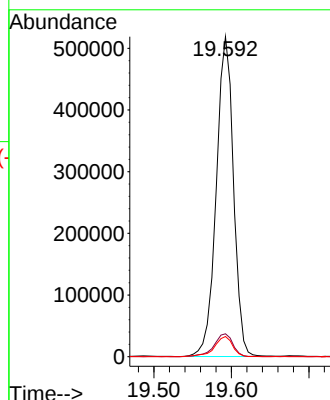
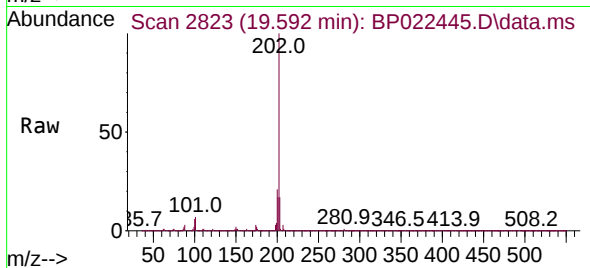
Patel

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Supervised By :mohammad

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#85

Benzo(a)anthracene

Concen: 4.167 ng/ul

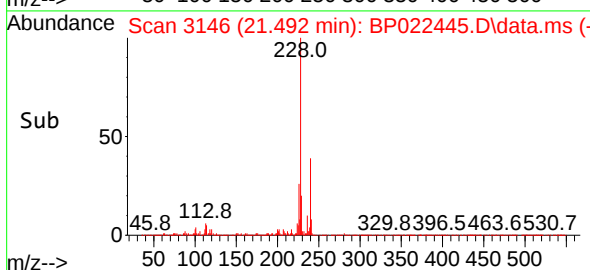
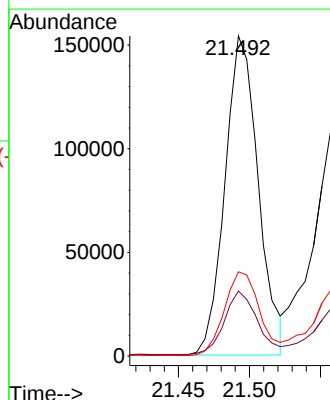
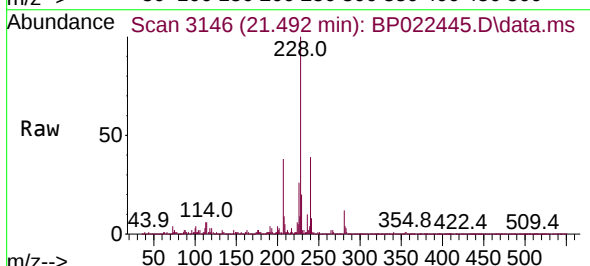
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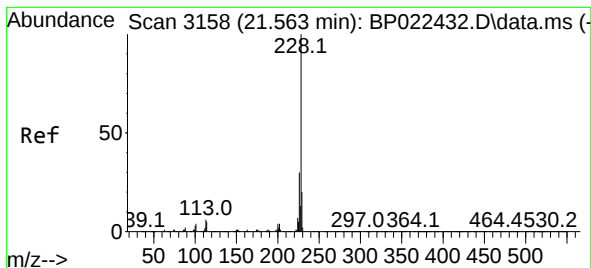
Delta R.T. -0.006 min

Lab File: BP022445.D

Acq: 17 Oct 2024 13:57

Tgt Ion:	228	Resp:	251408
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	26.3	21.5	32.3





#87

Chrysene

Concen: 3.494 ng/ul

RT: 21.563 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BP022445.D

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Tgt Ion:	228	Resp:	19546
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.8
229	20.9	15.5	23.3

Manual Integrations

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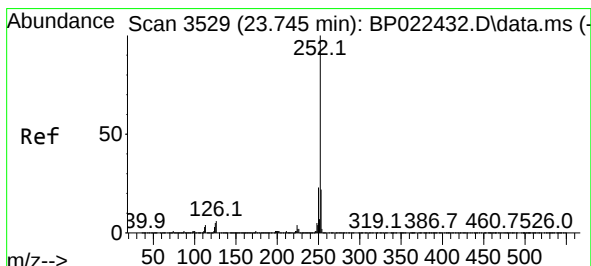
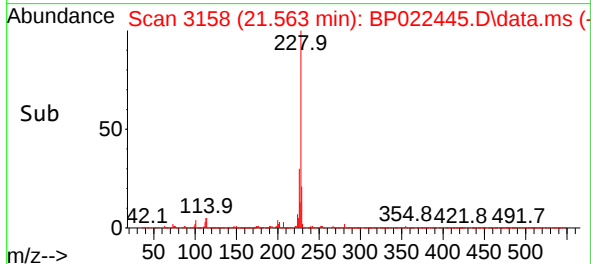
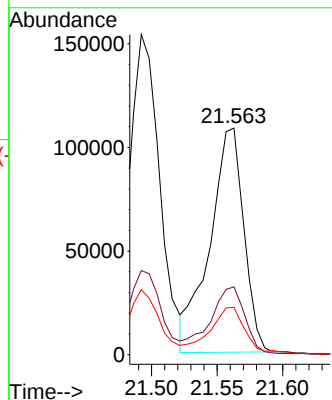
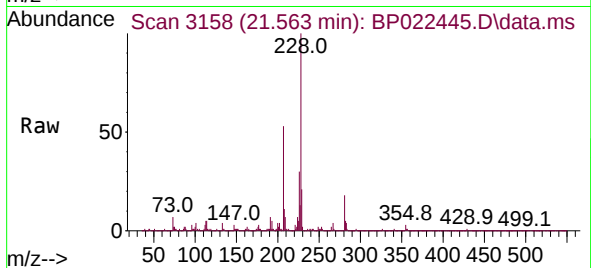
Patel

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Supervised By :mohammad

ahmed

10/18/2024



#90

Benzo(b)fluoranthene

Concen: 2.259 ng/ul

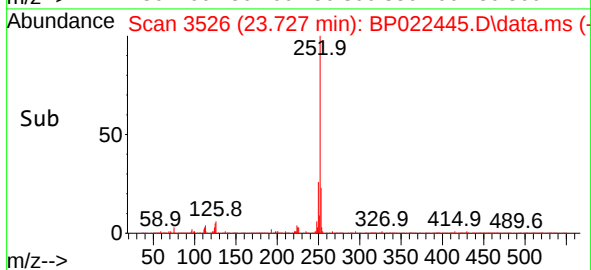
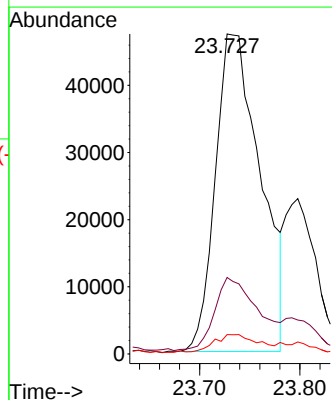
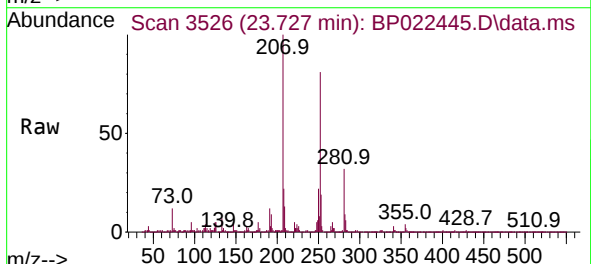
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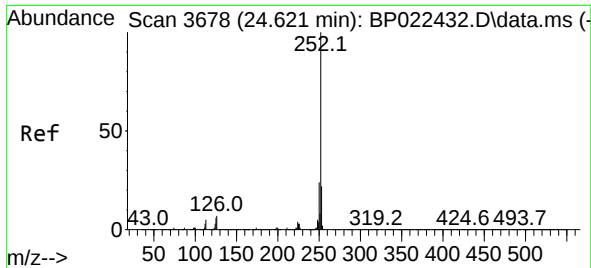
Delta R.T. -0.018 min

Lab File: BP022445.D

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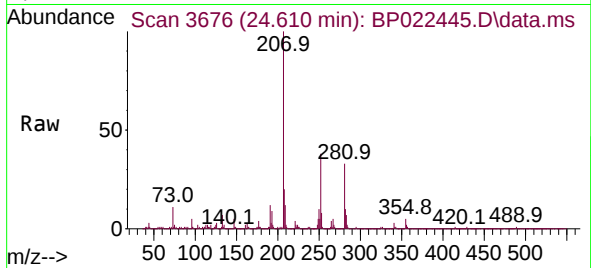
Tgt Ion:	252	Resp:	147443
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	6.1	5.0	7.4





#93
 Benzo(a)pyrene
 Concen: 1.055 ng/ul
 RT: 24.610 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP022445.D
 Acq: 17 Oct 2024 13:57

Instrument :
 BNA_P
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Tgt Ion:252 Resp: 6335
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.7 26.5
 125 5.8 4.9 7.3

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 Patel
 10/18/2024

Supervised By :mohammad
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