

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021763.D
 Acq On : 30 Aug 2024 22:03
 Operator : RC/JU
 Sample : P3438-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYL6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

Quant Time: Aug 30 23:33:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	359062	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1360809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	771461	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1376720	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	1315815	20.000	ng/u1	0.02
88) Perylene-d12	25.080	264	1755788	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	32501	3.005	ng/uL	0.00
4) Pyridine-d5	3.687	84	442013	14.130	ng/u1	0.00
7) Phenol-d5	6.958	99	575930	15.030	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	323172	15.497	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	390529	15.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	431531	14.574	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	181514	16.579	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	181874	16.366	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	323262	14.761	ng/u1	0.00
31) 4-Chloroaniline-d4	10.699	131	487917	15.314	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	932332	15.794	ng/u1	-0.01
49) Acenaphthylene-d8	14.116	160	1109008	16.733	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	110253	9.817	ng/u1	0.00
60) Fluorene-d10	15.434	176	801522	16.151	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.545	200	72725	9.604	ng/u1	-0.01
73) Anthracene-d10	17.328	188	1071293	16.396	ng/u1	-0.01
81) Pyrene-d10	19.704	212	1212929	16.126	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.851	264	1635803	17.472	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.616	128	488806	6.373	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	129302	2.493	ng/u1	96
37) 1-Methylnaphthalene	12.451	142	146590	2.809	ng/u1	96
52) Acenaphthene	14.493	153	559727	11.166	ng/u1	98
61) Fluorene	15.492	166	639336	11.398	ng/u1	100
72) Phenanthrene	17.269	178	3376761	44.677	ng/u1	99
74) Anthracene	17.363	178	372088	4.859	ng/u1	100
80) Fluoranthene	19.357	202	2291951	26.112	ng/u1	100
82) Pyrene	19.733	202	1532421	16.484	ng/u1	99
85) Benzo(a)anthracene	21.663	228	457581	4.889	ng/u1	99
87) Chrysene	21.727	228	352628	4.003	ng/u1	97
90) Benzo(b)fluoranthene	24.016	252	283762m	2.583	ng/u1	
93) Benzo(a)pyrene	24.916	252	156396	1.545	ng/u1	95

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

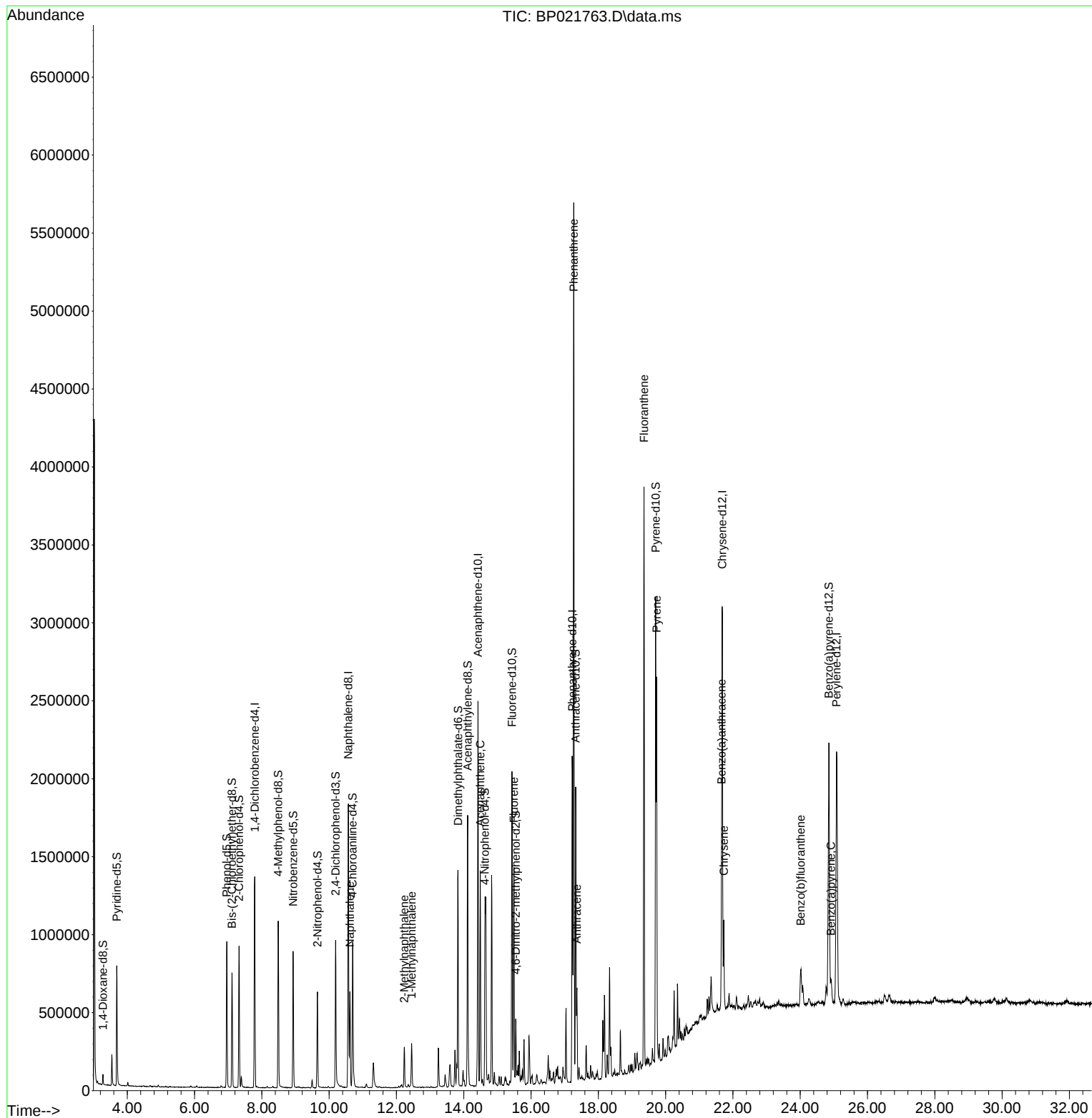
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021763.D
Acq On : 30 Aug 2024 22:03
Operator : RC/JU
Sample : P3438-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

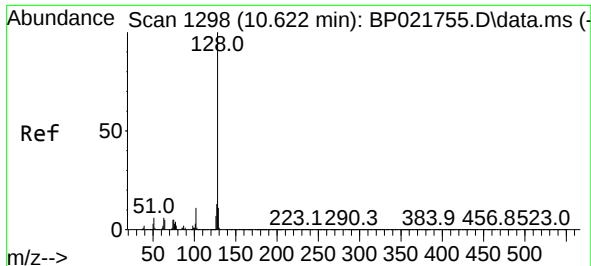
Instrument :
BNA_P
ClientSampleId :
DCYL6

Quant Time: Aug 30 23:33:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
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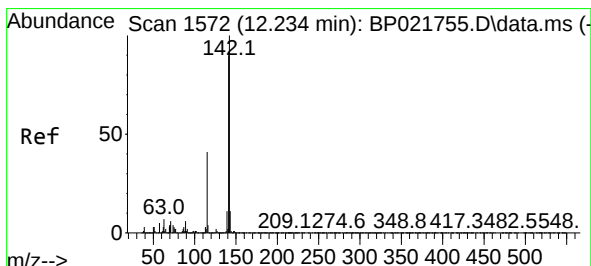
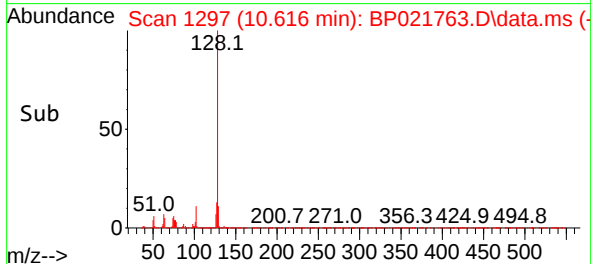
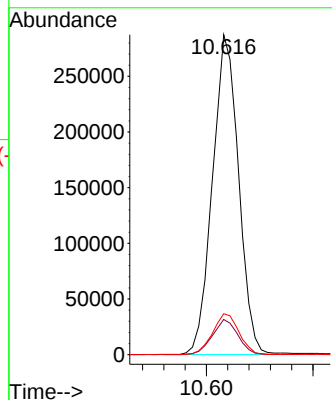
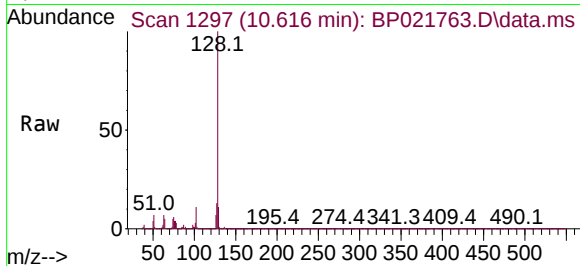
#30
Naphthalene
Concen: 6.373 ng/ul
RT: 10.616 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP021763.D
Acq: 30 Aug 2024 22:03

Instrument :
BNA_P
ClientSampleId :
DCYL6

Tgt Ion:128 Resp: 488800
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.5 15.7

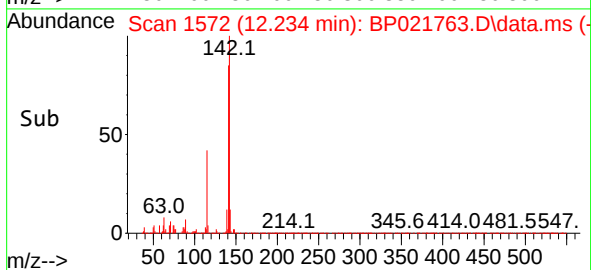
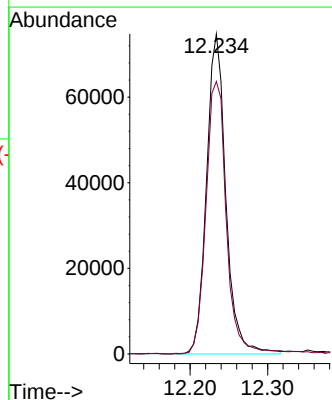
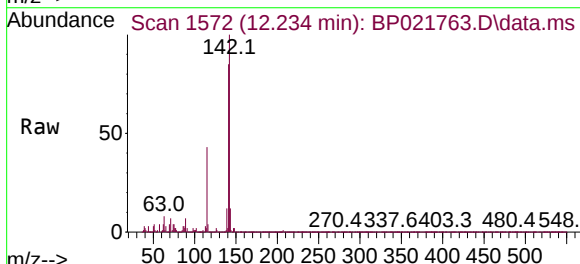
Manual Integrations
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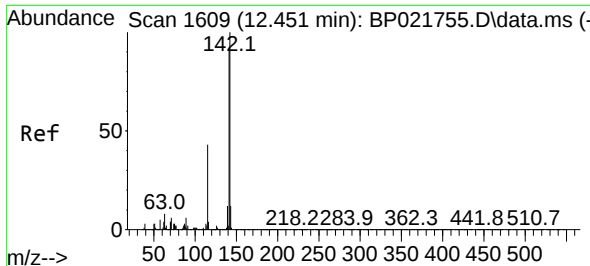
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024



#36
2-Methylnaphthalene
Concen: 2.493 ng/ul
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP021763.D
Acq: 30 Aug 2024 22:03

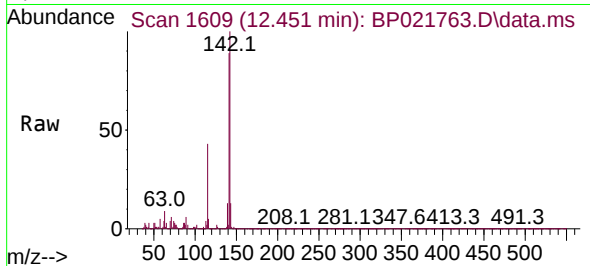
Tgt Ion:142 Resp: 129302
Ion Ratio Lower Upper
142 100
141 85.1 71.1 106.7





#37
1-Methylnaphthalene
Concen: 2.809 ng/u1
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP021763.D
Acq: 30 Aug 2024 22:03

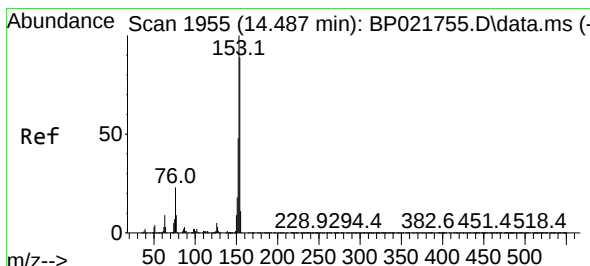
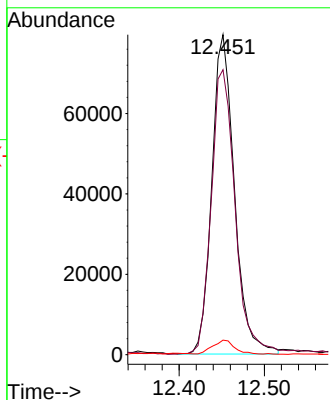
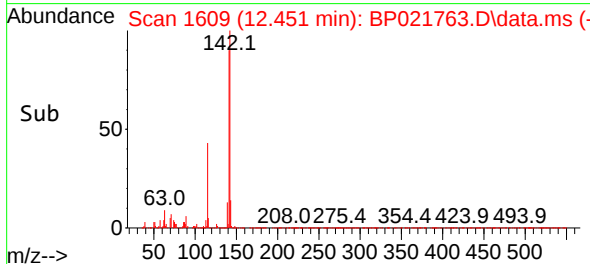
Instrument :
BNA_P
ClientSampleId :
DCYL6



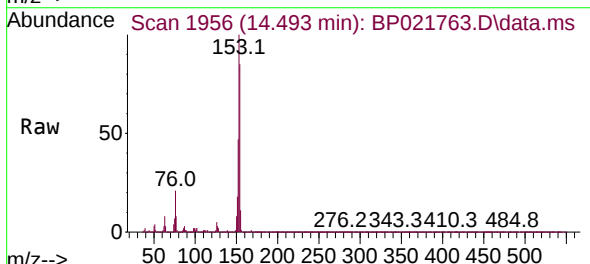
Tgt Ion:142 Resp: 146590
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8
116 4.5 3.5 5.3

Manual Integrations
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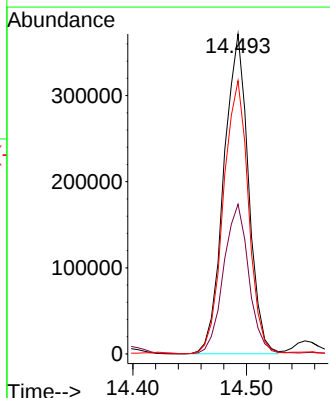
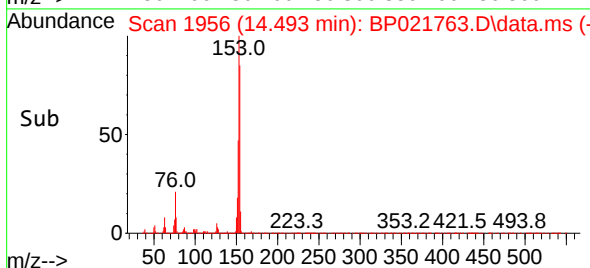
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024

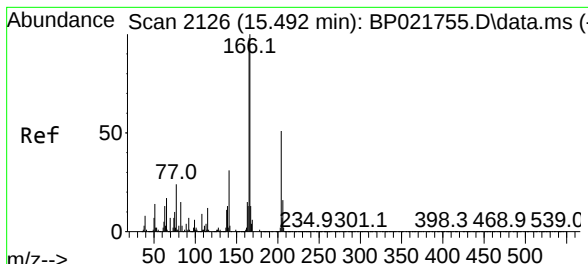


#52
Acenaphthene
Concen: 11.166 ng/u1
RT: 14.493 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP021763.D
Acq: 30 Aug 2024 22:03



Tgt Ion:153 Resp: 559727
Ion Ratio Lower Upper
153 100
152 46.8 38.0 57.0
154 85.4 70.2 105.4





#61
 Fluorene
 Concen: 11.398 ng/ul
 RT: 15.492 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BP021763.D
 Acq: 30 Aug 2024 22:03

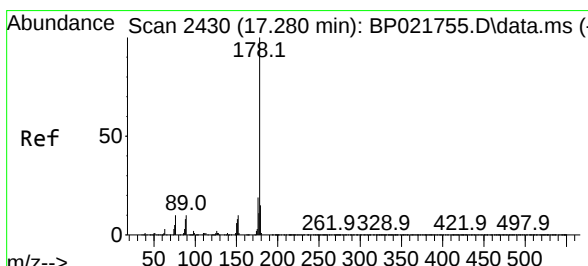
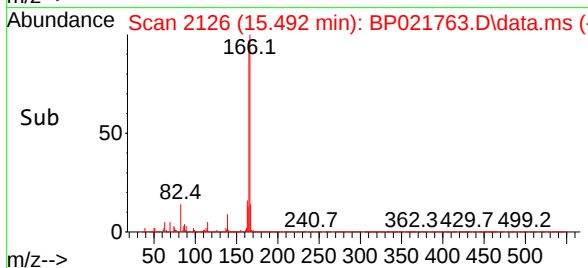
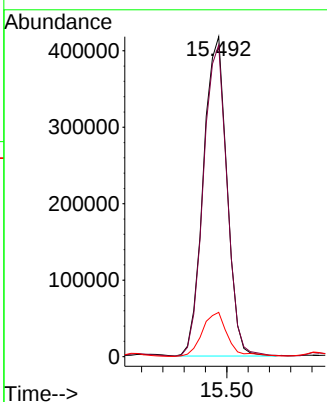
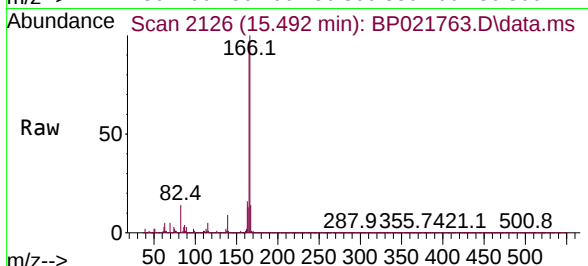
Instrument : BNA_P
 ClientSampleId : DCYL6

Tgt Ion:166 Resp: 639330

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	13.9	10.8	16.2

Manual Integrations
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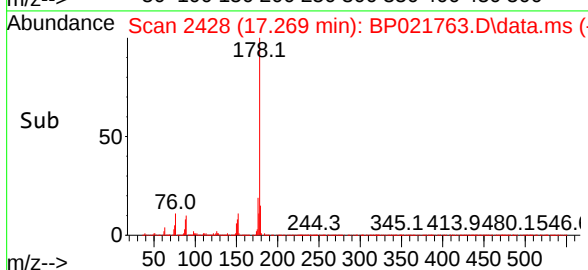
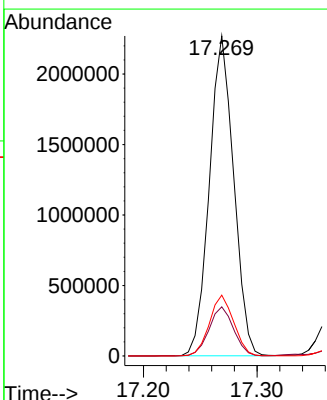
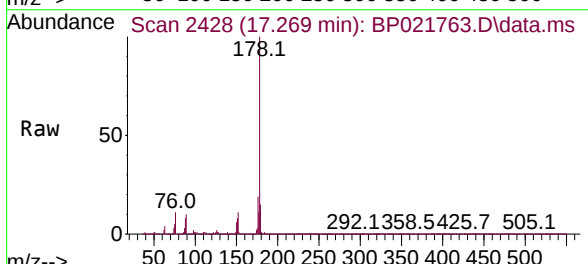
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

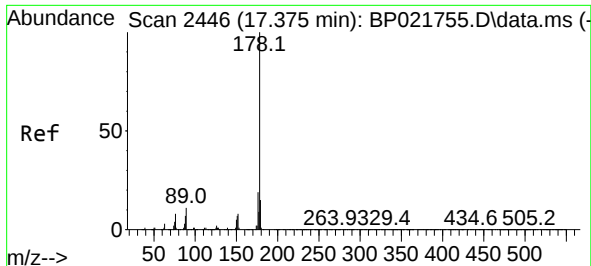


#72
 Phenanthrene
 Concen: 44.677 ng/ul
 RT: 17.269 min Scan# 2428
 Delta R.T. -0.006 min
 Lab File: BP021763.D
 Acq: 30 Aug 2024 22:03

Tgt Ion:178 Resp: 3376761

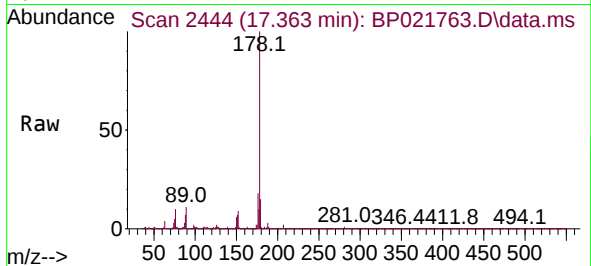
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.0	14.8	22.2





#74
 Anthracene
 Concen: 4.859 ng/u1
 RT: 17.363 min Scan# 2446
 Delta R.T. -0.006 min
 Lab File: BP021763.D
 Acq: 30 Aug 2024 22:03

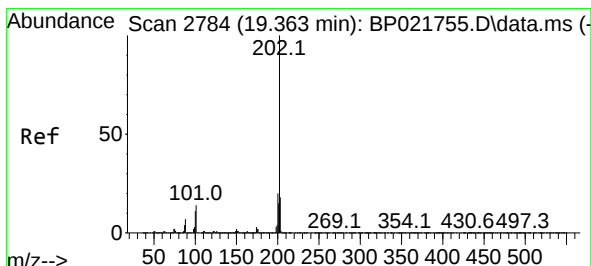
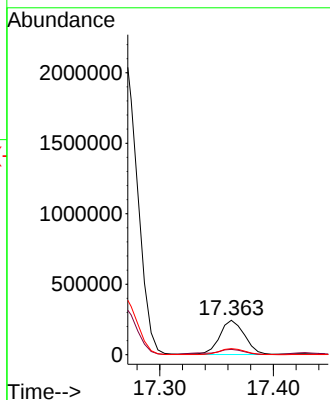
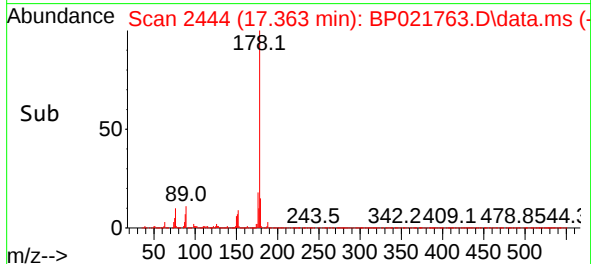
Instrument :
 BNA_P
 ClientSampleId :
 DCYL6



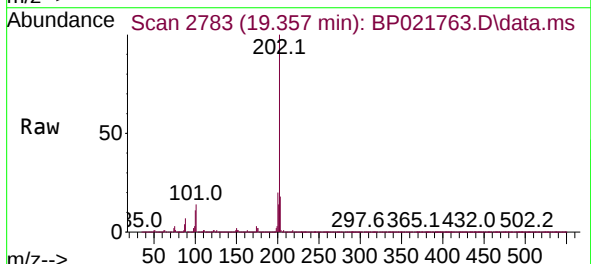
Tgt Ion:178 Resp: 372088
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 17.9 14.6 21.8

Manual Integrations
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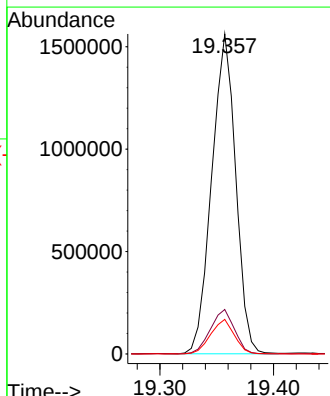
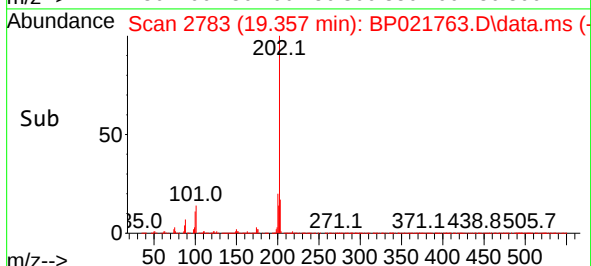
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

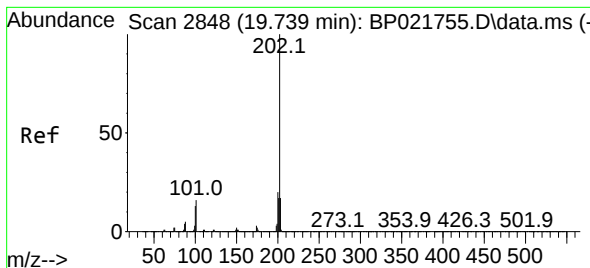


#80
 Fluoranthene
 Concen: 26.112 ng/u1
 RT: 19.357 min Scan# 2783
 Delta R.T. 0.012 min
 Lab File: BP021763.D
 Acq: 30 Aug 2024 22:03



Tgt Ion:202 Resp: 2291951
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.2 16.8
 100 10.8 8.5 12.7





#82

Pyrene

Concen: 16.484 ng/ul

RT: 19.733 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021763.D

Acq: 30 Aug 2024 22:03

Instrument :

BNA_P

ClientSampleId :

DCYL6

Tgt Ion:202 Resp: 153242

Ion Ratio Lower Upper

202 100

101 15.9 12.8 19.2

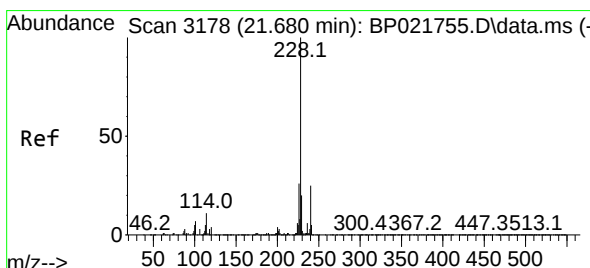
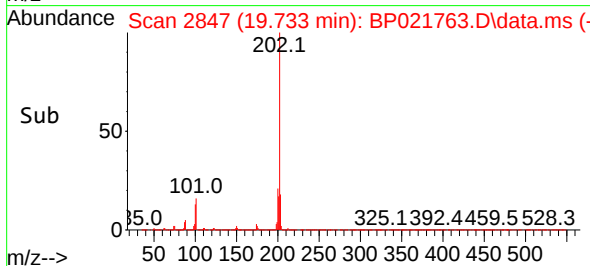
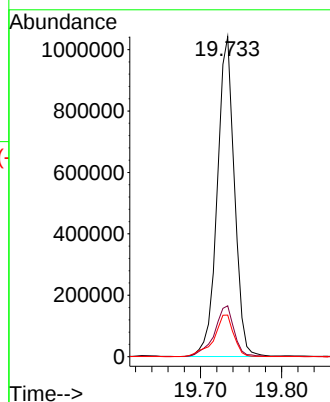
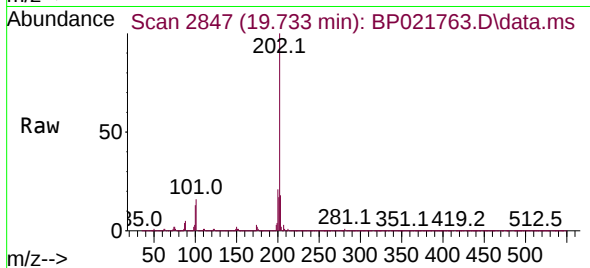
100 13.0 10.8 16.2

Manual Integrations

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Supervised By :mohammad ahmed 09/03/2024



#85

Benzo(a)anthracene

Concen: 4.889 ng/ul

RT: 21.663 min Scan# 3175

Delta R.T. 0.018 min

Lab File: BP021763.D

Acq: 30 Aug 2024 22:03

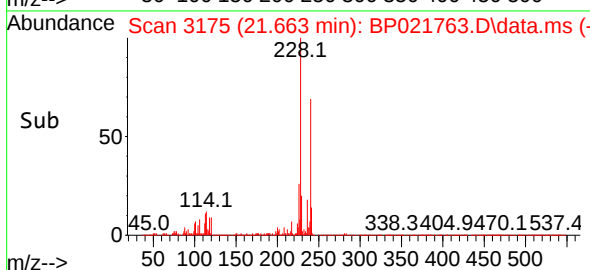
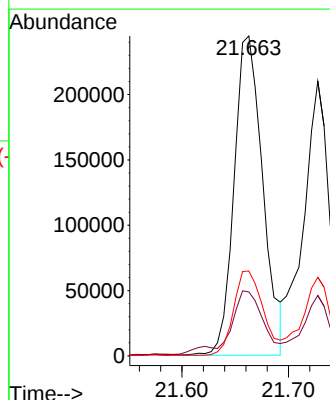
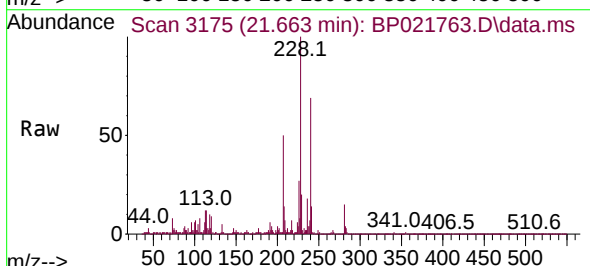
Tgt Ion:228 Resp: 457581

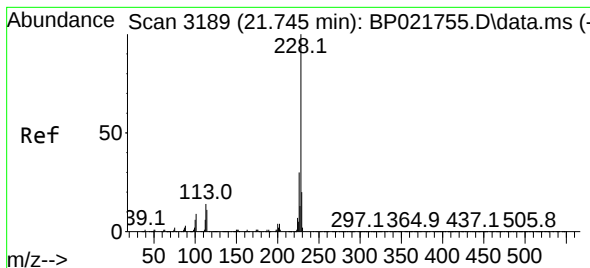
Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 26.6 21.7 32.5





#87

Chrysene

Concen: 4.003 ng/ul

RT: 21.727 min Scan# 3189

Delta R.T. 0.012 min

Lab File: BP021763.D

Acq: 30 Aug 2024 22:03

Instrument :

BNA_P

ClientSampleId :

DCYL6

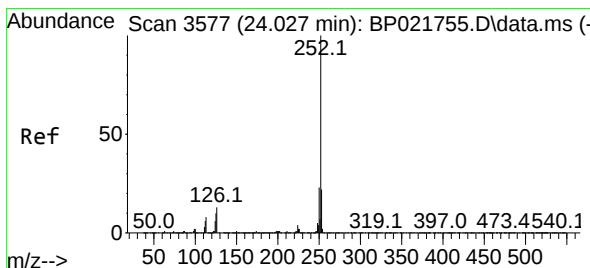
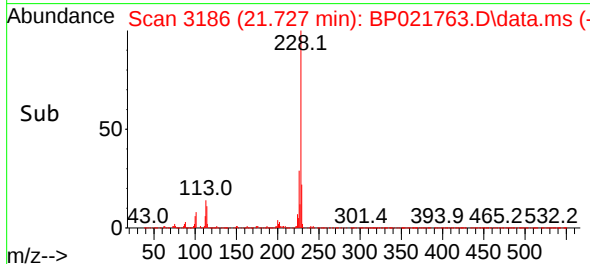
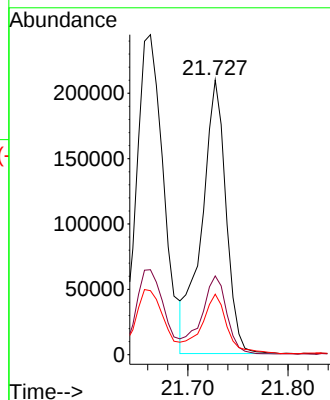
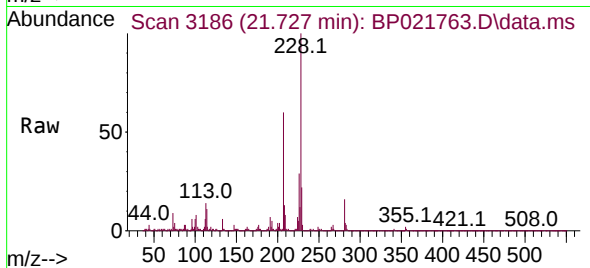
Tgt Ion:	228	Resp:	352628
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.5	35.3
229	22.0	15.6	23.4

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Supervised By :mohammad ahmed 09/03/2024



#90

Benzo(b)fluoranthene

Concen: 2.583 ng/ul m

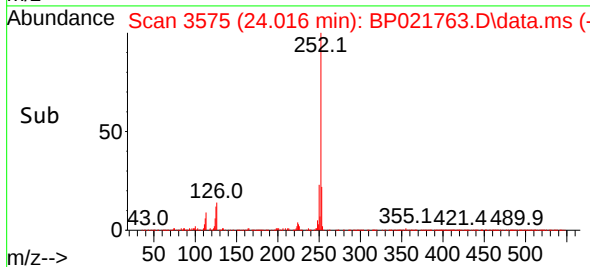
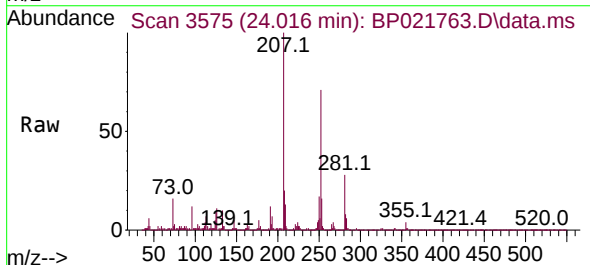
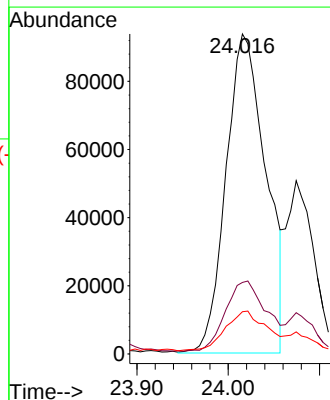
RT: 24.016 min Scan# 3575

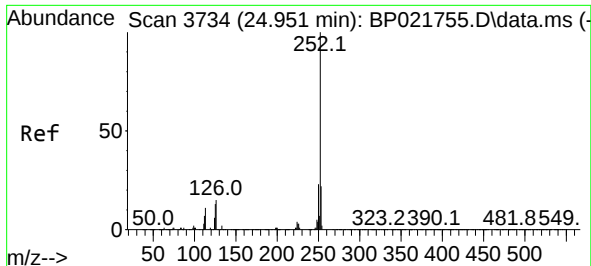
Delta R.T. 0.023 min

Lab File: BP021763.D

Acq: 30 Aug 2024 22:03

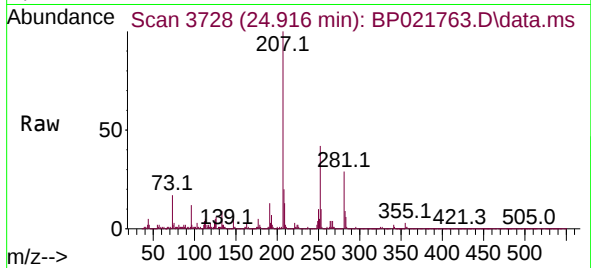
Tgt Ion:	252	Resp:	283762
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	13.2	8.6	12.8





#93
Benzo(a)pyrene
Concen: 1.545 ng/ul
RT: 24.916 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021763.D
Acq: 30 Aug 2024 22:03

Instrument :
BNA_P
ClientSampleId :
DCYL6



Tgt Ion: 252 Resp: 156390
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 12.9 9.6 14.4

Manual Integrations
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