

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021160.D
 Acq On : 25 Jul 2024 23:52
 Operator : MA/JU
 Sample : P3347-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COAM0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 00:19:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	200857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	758590	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	457810	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.116	188	904743	20.000	ng/u1	0.01
79) Chrysene-d12	21.563	240	948604	20.000	ng/u1	0.00
88) Perylene-d12	24.874	264	1173316	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	20415	4.625	ng/uL	0.01
4) Pyridine-d5	3.611	84	103616	8.109	ng/u1	0.01
7) Phenol-d5	6.881	99	119443	7.294	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	249924	25.184	ng/u1	0.01
11) 2-Chlorophenol-d4	7.211	132	322995	23.940	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	222898	16.389	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	168186	28.544	ng/u1	0.01
24) 2-Nitrophenol-d4	9.522	143	196859	29.191	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	331161	27.157	ng/u1	0.01
31) 4-Chloroaniline-d4	10.581	131	323599	20.031	ng/u1	0.01
46) Dimethylphthalate-d6	13.704	166	997362	29.968	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1146127	30.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	33547m	7.085	ng/u1	0.02
60) Fluorene-d10	15.310	176	845904	30.982	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	116796	21.336	ng/u1	0.02
73) Anthracene-d10	17.222	188	1301113	32.379	ng/u1	0.02
81) Pyrene-d10	19.598	212	1591153	27.131	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.663	264	1957803	33.832	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.481	128	291887	7.315	ng/u1	99
36) 2-Methylnaphthalene	12.093	142	74829	2.732	ng/u1	99
37) 1-Methylnaphthalene	12.310	142	38922	1.382	ng/u1	98
52) Acenaphthene	14.363	153	204443	7.280	ng/u1	100
56) Dibenzofuran	14.704	168	134940	3.509	ng/u1	98
61) Fluorene	15.369	166	209150	6.665	ng/u1	98
72) Phenanthrene	17.157	178	703080	14.980	ng/u1	99
74) Anthracene	17.257	178	658056	13.753	ng/u1	99
77) Carbazole	17.551	167	828147	21.173	ng/u1	99
80) Fluoranthene	19.257	202	172096	2.430	ng/u1	99
82) Pyrene	19.633	202	96015	1.332	ng/u1	99

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

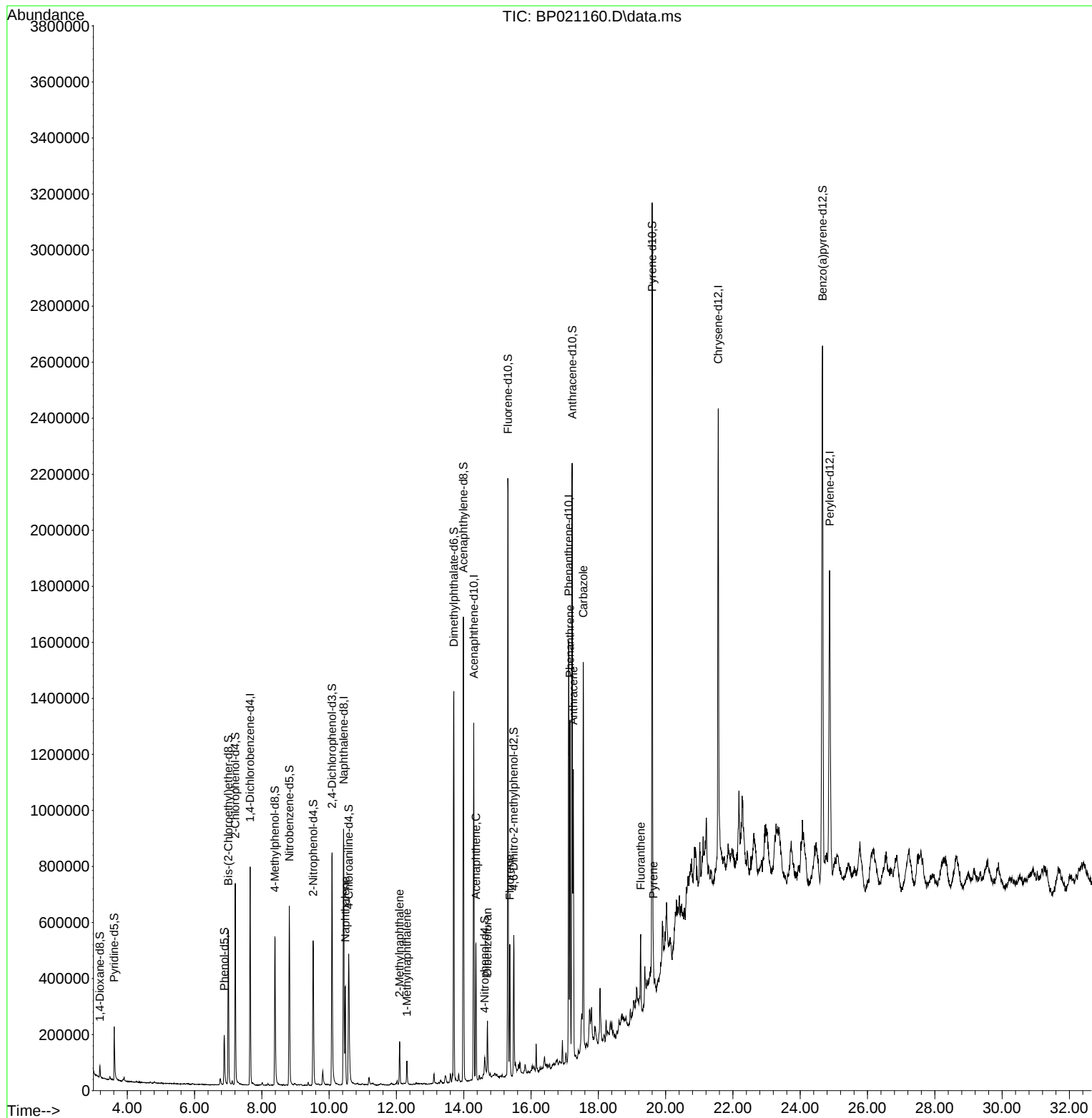
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021160.D
Acq On : 25 Jul 2024 23:52
Operator : MA/JU
Sample : P3347-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

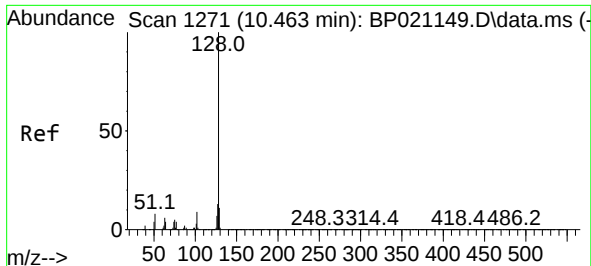
Instrument :
BNA_P
ClientSampleId :
COAM0

Quant Time: Jul 26 00:19:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

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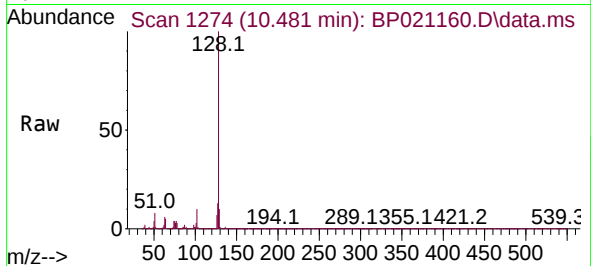
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024





#30
Naphthalene
Concen: 7.315 ng/ul
RT: 10.481 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

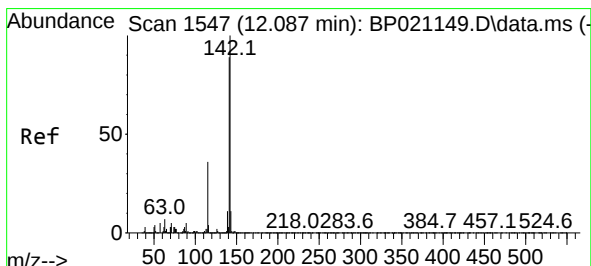
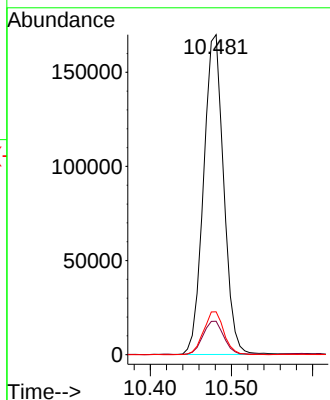
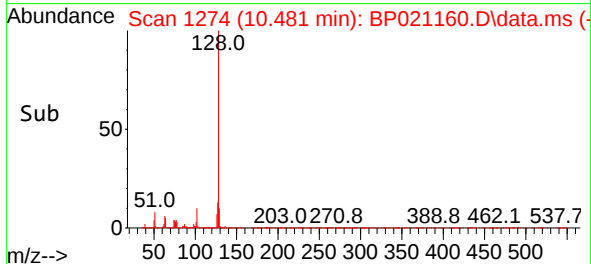
Instrument :
BNA_P
ClientSampleId :
COAM0



Tgt Ion:128 Resp: 29188
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.4 10.8 16.2

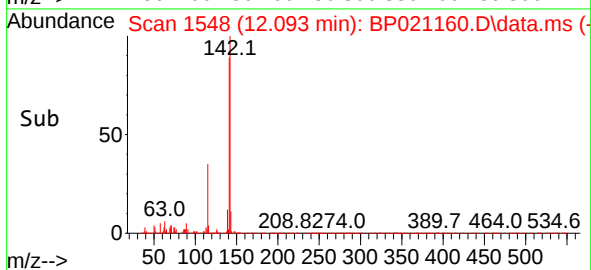
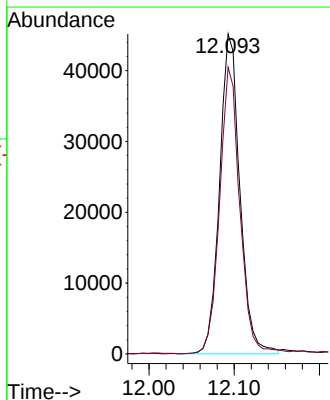
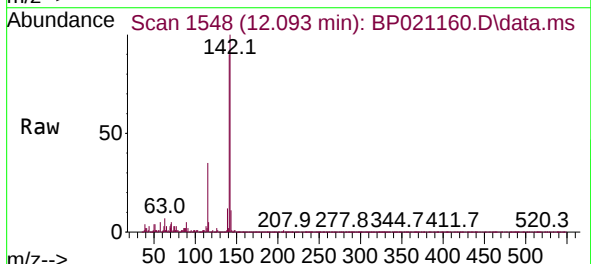
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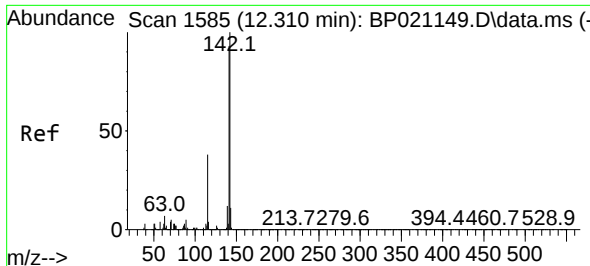
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#36
2-Methylnaphthalene
Concen: 2.732 ng/ul
RT: 12.093 min Scan# 1548
Delta R.T. 0.006 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

Tgt Ion:142 Resp: 74829
Ion Ratio Lower Upper
142 100
141 89.6 72.6 108.8





#37

1-Methylnaphthalene

Concen: 1.382 ng/ul

RT: 12.310 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BP021160.D

Acq: 25 Jul 2024 23:52

Instrument :

BNA_P

ClientSampleId :

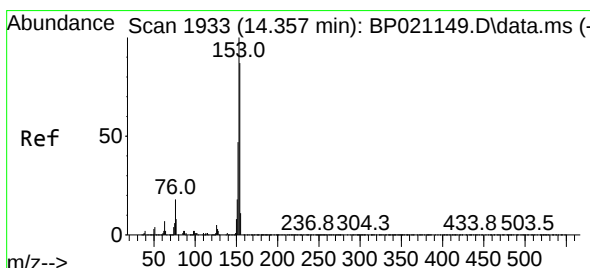
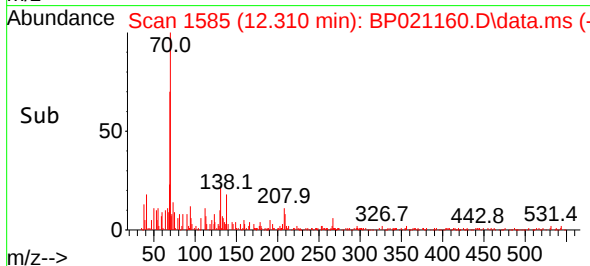
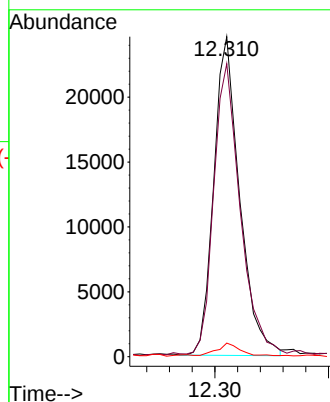
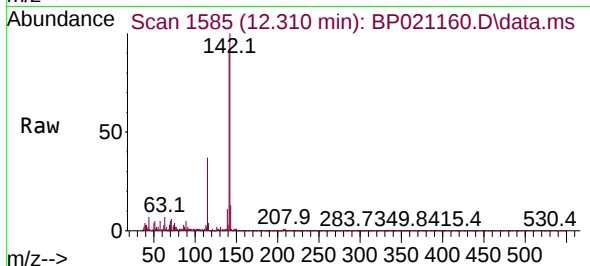
COAM0

Tgt Ion:142	Resp:	3892
Ion Ratio	Lower	Upper
142	100	
141	91.5	75.0 112.6
116	4.3	3.2 4.8

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#52

Acenaphthene

Concen: 7.280 ng/ul

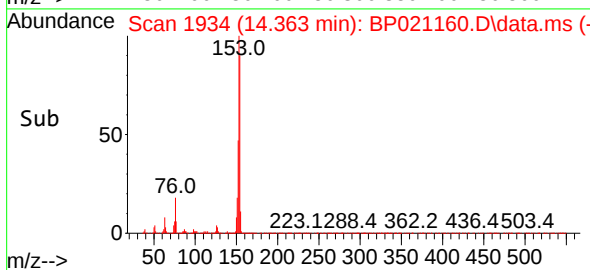
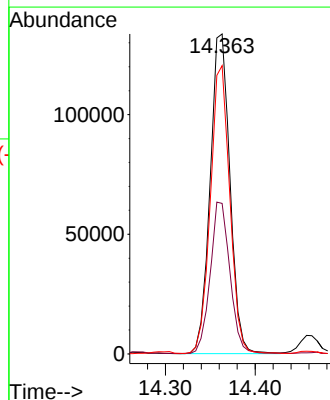
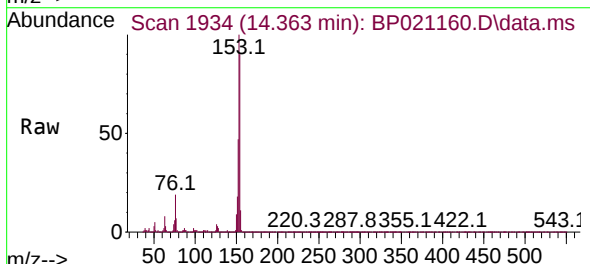
RT: 14.363 min Scan# 1934

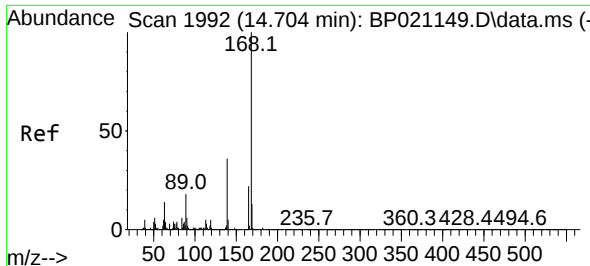
Delta R.T. 0.006 min

Lab File: BP021160.D

Acq: 25 Jul 2024 23:52

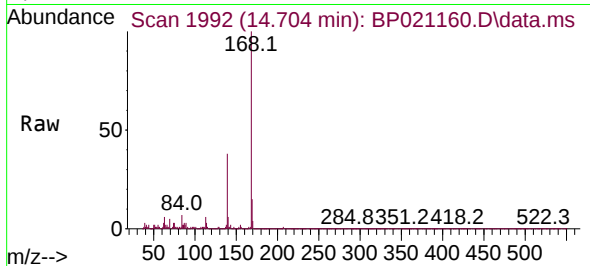
Tgt Ion:153	Resp:	204443
Ion Ratio	Lower	Upper
153	100	
152	47.0	37.8 56.6
154	90.1	71.8 107.6





#56
Dibenzofuran
Concen: 3.509 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

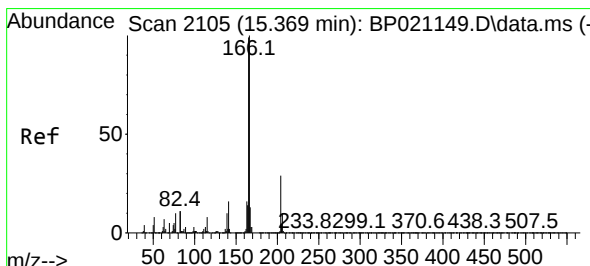
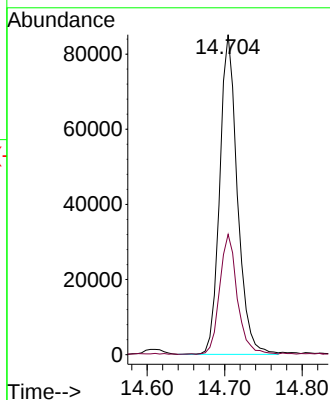
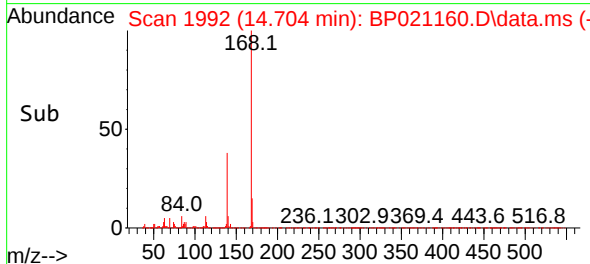
Instrument :
BNA_P
ClientSampleId :
COAM0



Tgt Ion:168 Resp: 134940
Ion Ratio Lower Upper
168 100
139 37.6 31.1 46.7

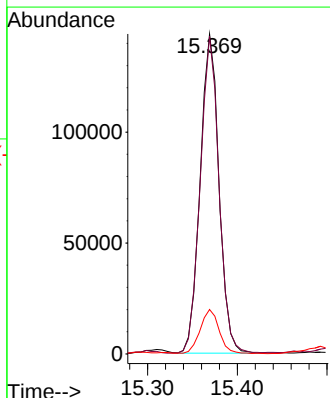
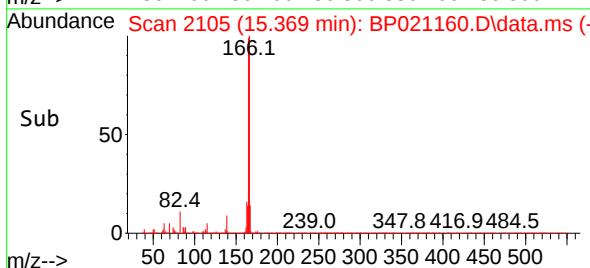
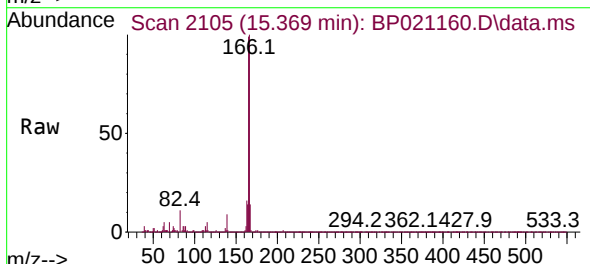
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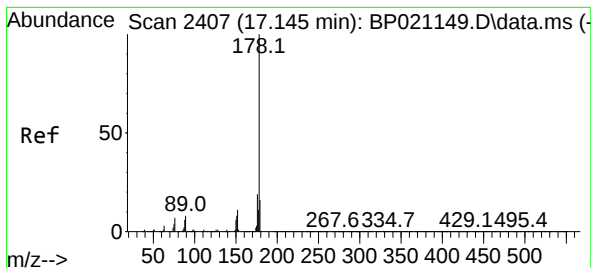
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#61
Fluorene
Concen: 6.665 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

Tgt Ion:166 Resp: 209150
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 13.9 10.9 16.3





#72

Phenanthrene

Concen: 14.980 ng/u1

RT: 17.157 min Scan# 2409

Delta R.T. 0.012 min

Lab File: BP021160.D

Acq: 25 Jul 2024 23:52

Instrument :

BNA_P

ClientSampleId :

COAM0

Tgt Ion:178 Resp: 703080

Ion Ratio Lower Upper

178 100

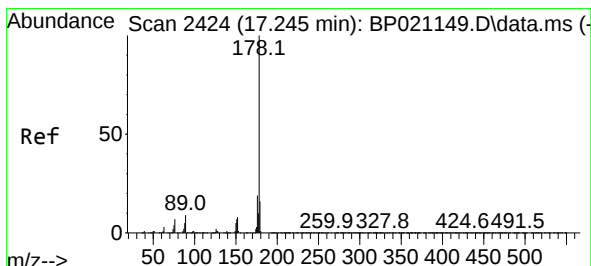
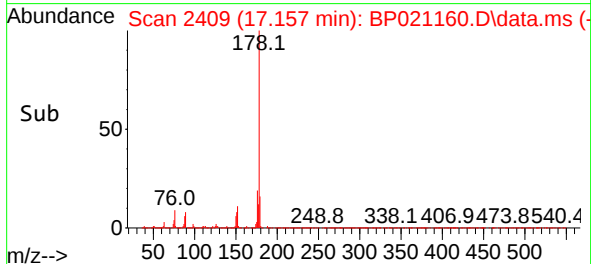
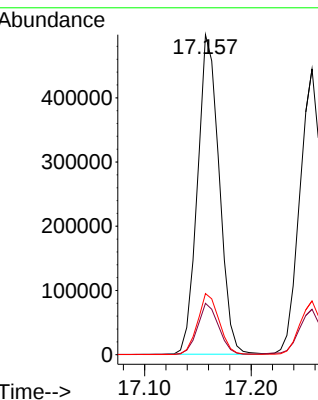
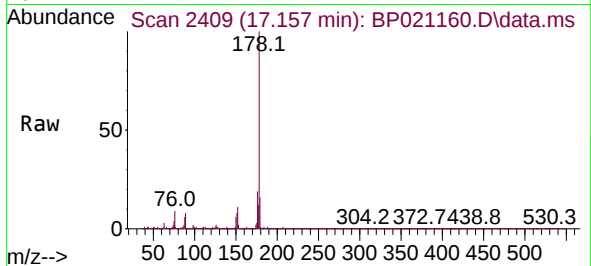
179 16.1 12.2 18.4

176 19.1 15.0 22.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#74

Anthracene

Concen: 13.753 ng/u1

RT: 17.257 min Scan# 2426

Delta R.T. 0.018 min

Lab File: BP021160.D

Acq: 25 Jul 2024 23:52

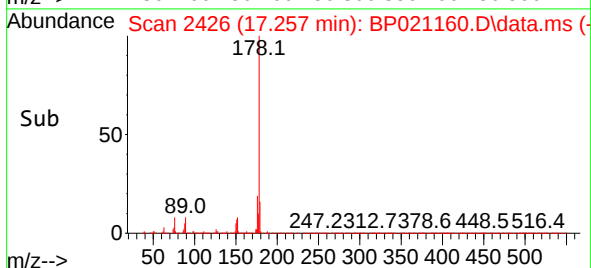
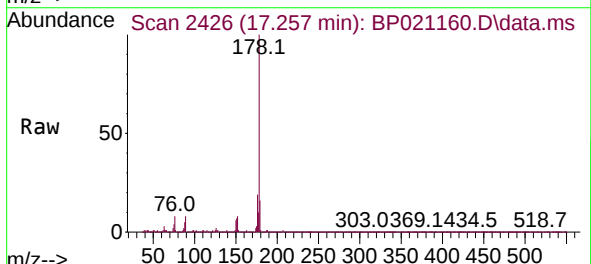
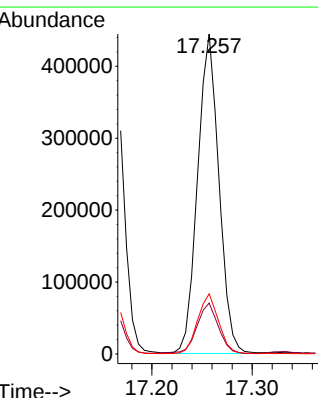
Tgt Ion:178 Resp: 658056

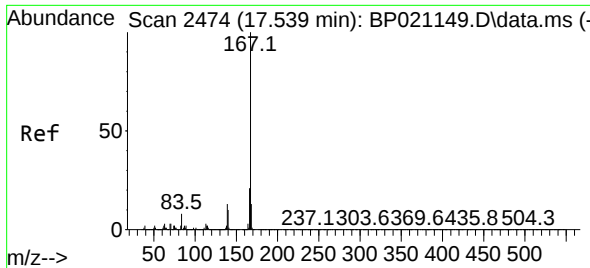
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

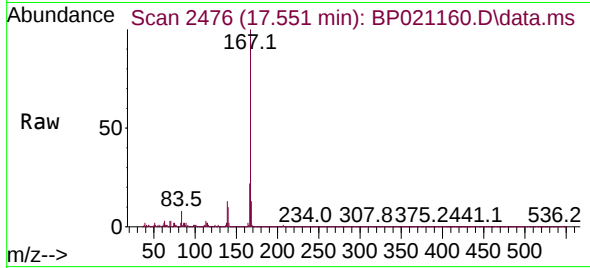
176 18.8 14.8 22.2





#77
Carbazole
Concen: 21.173 ng/ul
RT: 17.551 min Scan# 2476
Delta R.T. 0.012 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

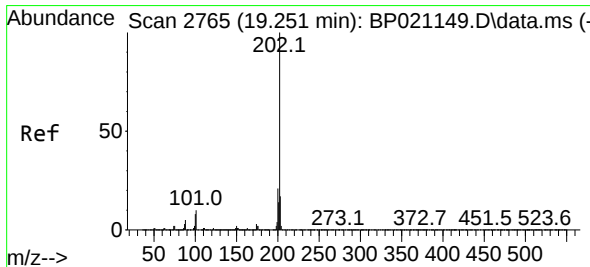
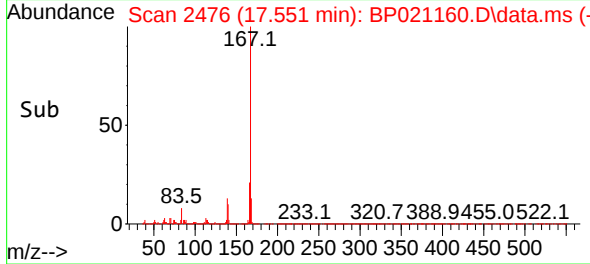
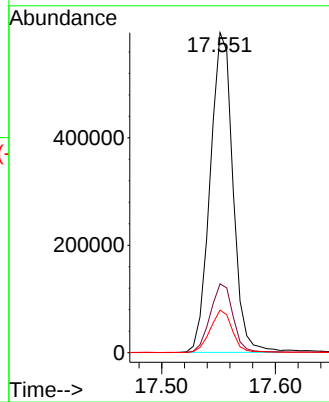
Instrument :
BNA_P
ClientSampleId :
COAM0



Tgt Ion:167 Resp: 82814
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.3 10.2 15.2

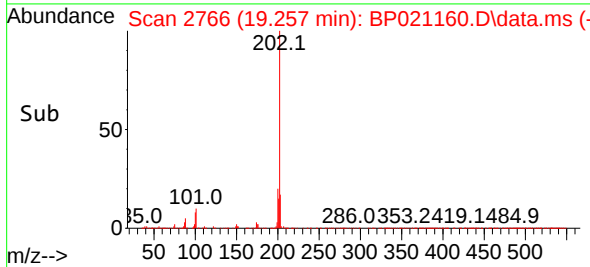
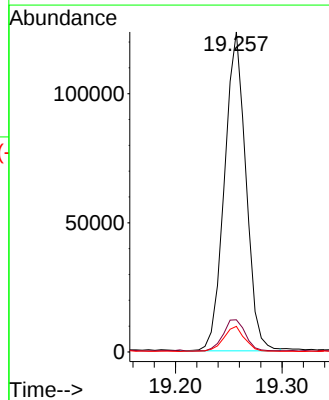
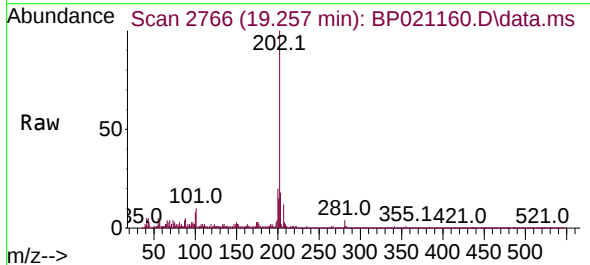
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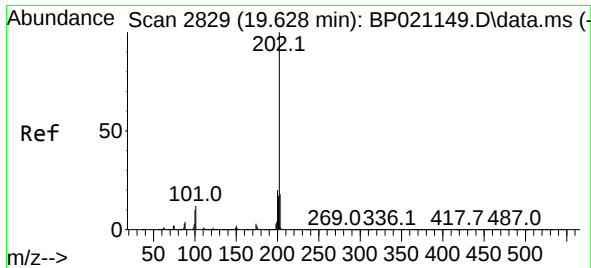
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#80
Fluoranthene
Concen: 2.430 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. 0.012 min
Lab File: BP021160.D
Acq: 25 Jul 2024 23:52

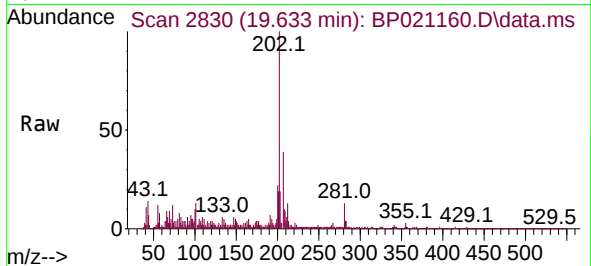
Tgt Ion:202 Resp: 172096
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 8.0 6.1 9.1





#82
 Pyrene
 Concen: 1.332 ng/ul
 RT: 19.633 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP021160.D
 Acq: 25 Jul 2024 23:52

Instrument :
 BNA_P
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 COAM0



Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.4	14.2
100	9.7	7.8	11.6

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