

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021470.D
 Acq On : 09 Aug 2024 13:57
 Operator : RC/JU
 Sample : P3329-02ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E01ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:37:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	113152	20.000	ng/u1	0.02
20) Naphthalene-d8	10.387	136	443470	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.246	164	318097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	696335	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	665242	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	833741	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	3589	1.443	ng/uL	0.00
4) Pyridine-d5	3.623	84	33222m	4.615	ng/u1	0.04
7) Phenol-d5	6.928	99	36986m	4.009	ng/u1	0.10
9) Bis-(2-Chloroethyl)eth...	7.005	67	40879m	7.312	ng/u1	0.05
11) 2-Chlorophenol-d4	7.222	132	46530	6.122	ng/u1	0.06
15) 4-Methylphenol-d8	8.446	113	53098m	6.930	ng/u1	0.10
21) Nitrobenzene-d5	8.834	128	24091m	6.994	ng/u1	0.06
24) 2-Nitrophenol-d4	9.534	143	24657m	6.254	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.158	165	43128m	6.050	ng/u1	0.11
31) 4-Chloroaniline-d4	10.610	131	65482m	6.934	ng/u1	0.07
46) Dimethylphthalate-d6	13.687	166	210154	9.088	ng/u1	0.03
49) Acenaphthylene-d8	13.946	160	213494	8.222	ng/u1	0.01
54) 4-Nitrophenol-d4	14.769	143	16358m	4.972	ng/u1	0.19
60) Fluorene-d10	15.275	176	183766	9.687	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	15387m	3.652	ng/u1	0.07
73) Anthracene-d10	17.187	188	307296	9.936	ng/u1	0.01
81) Pyrene-d10	19.563	212	379024	9.216	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	396033	9.631	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.434	128	354406	15.193	ng/u1	99
36) 2-Methylnaphthalene	12.052	142	212263	13.256	ng/u1	98
37) 1-Methylnaphthalene	12.281	142	111452	6.768	ng/u1	97
43) 1,1'-Biphenyl	13.087	154	64260	2.764	ng/u1	99
52) Acenaphthene	14.316	153	262825	13.470	ng/u1	98
56) Dibenzofuran	14.675	168	285256	10.676	ng/u1	98
61) Fluorene	15.334	166	314643	14.430	ng/u1	97
72) Phenanthrene	17.110	178	1408452	38.990	ng/u1	99
74) Anthracene	17.222	178	318799	8.657	ng/u1	96
77) Carbazole	17.545	167	59313	1.970	ng/u1	100
80) Fluoranthene	19.210	202	923808	18.600	ng/u1	99
82) Pyrene	19.592	202	630944	12.484	ng/u1	98
85) Benzo(a)anthracene	21.498	228	204034m	4.378	ng/u1	
87) Chrysene	21.563	228	173792	4.013	ng/u1	99
90) Benzo(b)fluoranthene	23.769	252	155595	3.075	ng/u1#	92
93) Benzo(a)pyrene	24.639	252	87839	1.837	ng/u1#	96

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

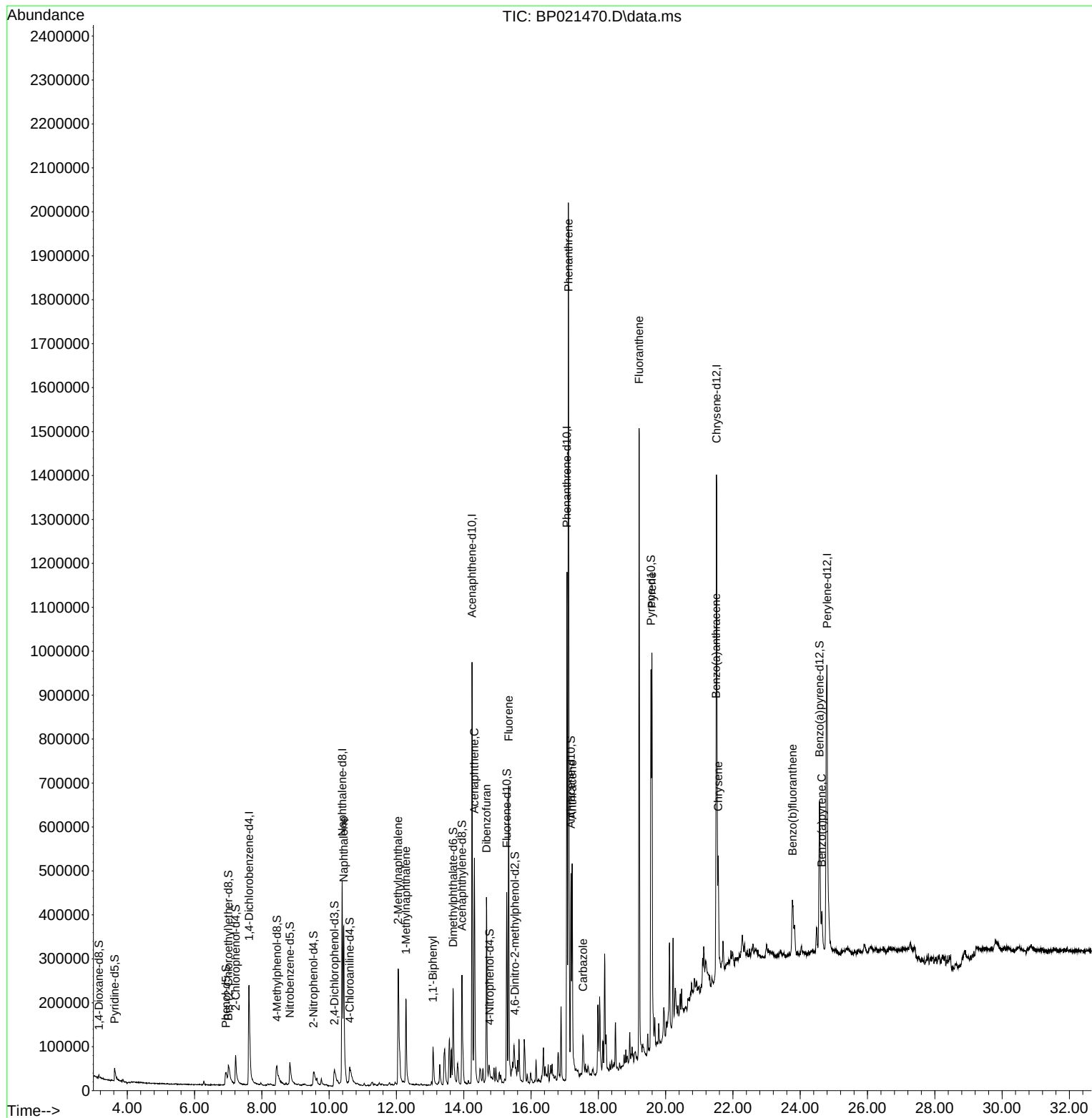
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021470.D
Acq On : 09 Aug 2024 13:57
Operator : RC/JU
Sample : P3329-02ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

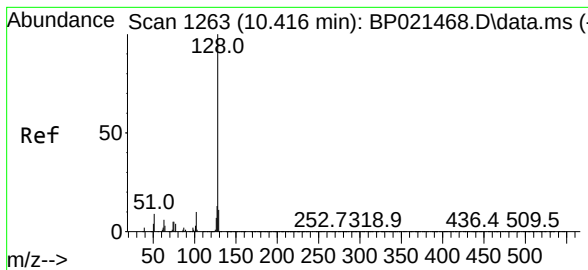
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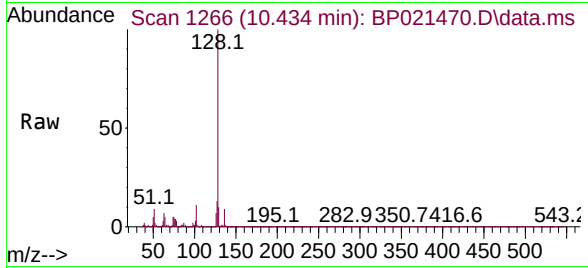
Quant Time: Aug 09 23:37:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 15.193 ng/ul
RT: 10.434 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

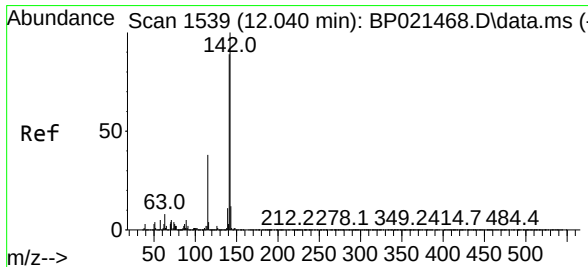
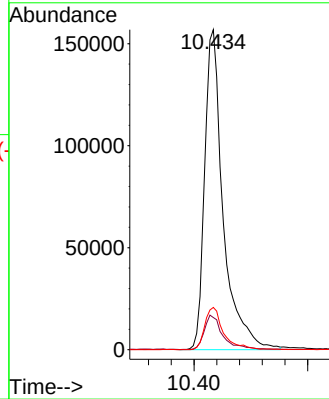
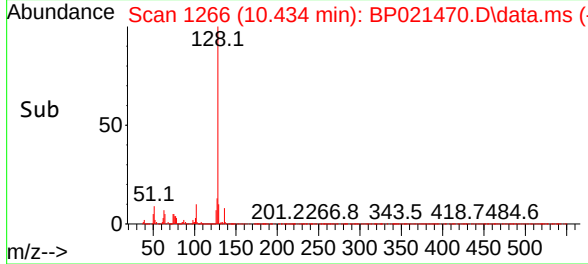
Instrument :
BNA_P
ClientSampleId :
F7E01ME



Tgt Ion:128 Resp: 354400
Ion Ratio Lower Upper
128 100
129 10.0 8.6 13.0
127 13.2 10.8 16.2

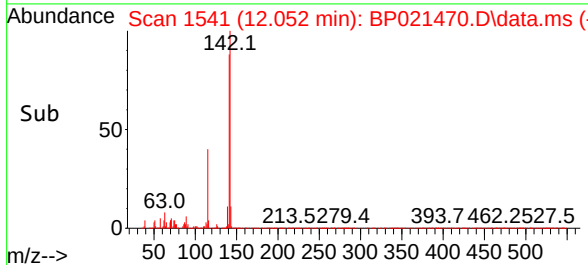
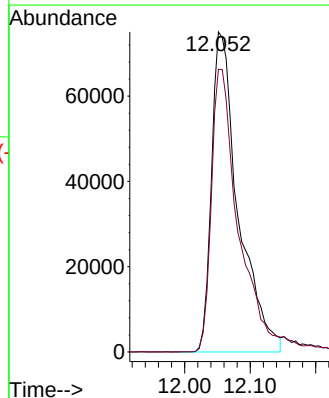
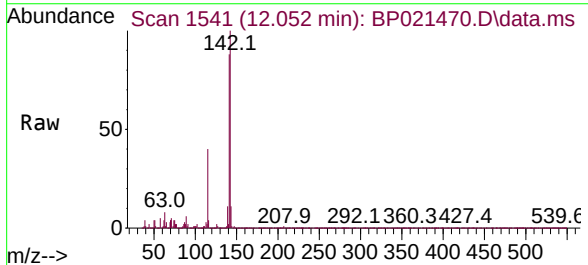
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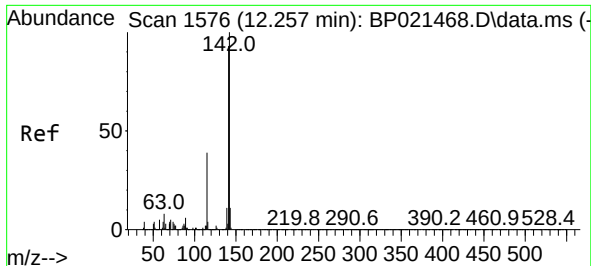
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#36
2-Methylnaphthalene
Concen: 13.256 ng/ul
RT: 12.052 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

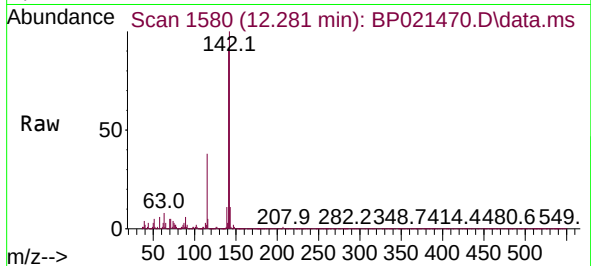
Tgt Ion:142 Resp: 212263
Ion Ratio Lower Upper
142 100
141 88.3 72.6 108.8





#37
1-Methylnaphthalene
Concen: 6.768 ng/ul
RT: 12.281 min Scan# 11145
Delta R.T. 0.024 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

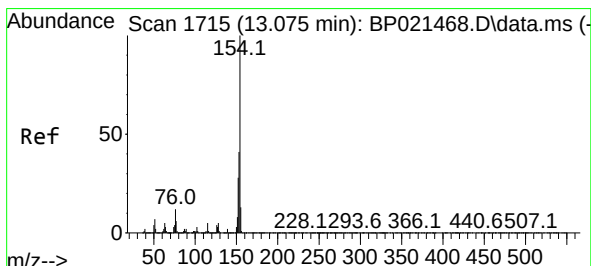
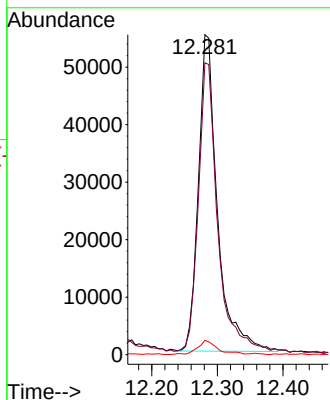
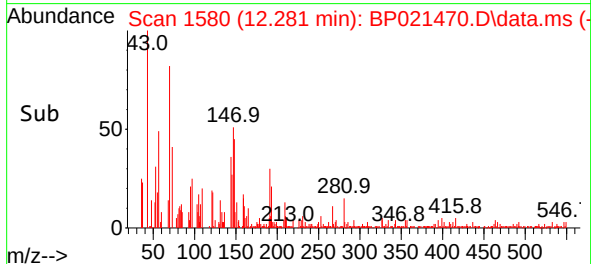
Instrument :
BNA_P
ClientSampleId :
F7E01ME



Tgt Ion:142 Resp: 11145
Ion Ratio Lower Upper
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141 91.2 75.0 112.6
116 4.5 3.2 4.8

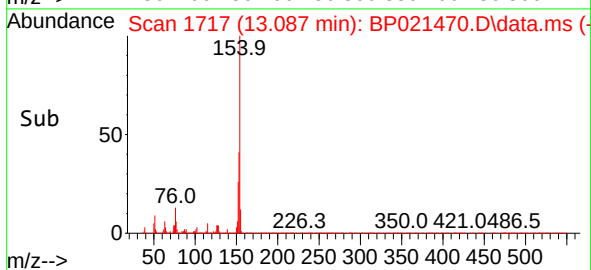
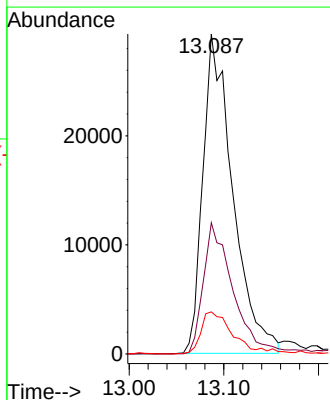
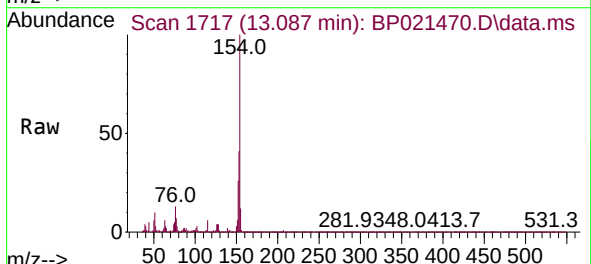
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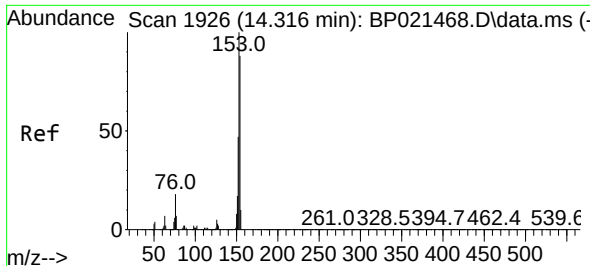
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#43
1,1'-Biphenyl
Concen: 2.764 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.030 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

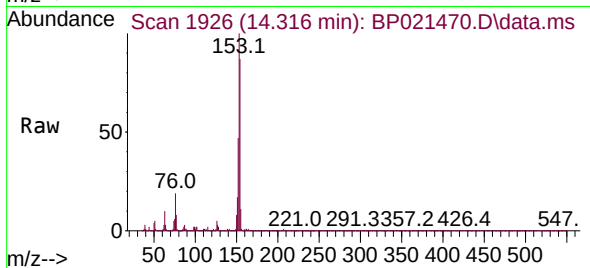
Tgt Ion:154 Resp: 64260
Ion Ratio Lower Upper
154 100
153 41.0 32.7 49.1
76 13.2 9.4 14.2





#52
Acenaphthene
Concen: 13.470 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

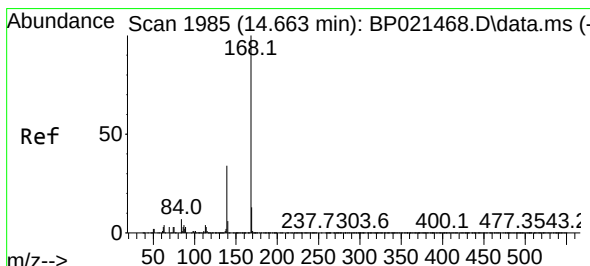
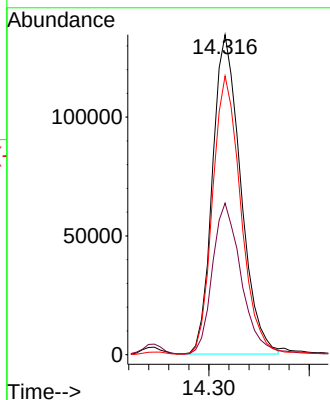
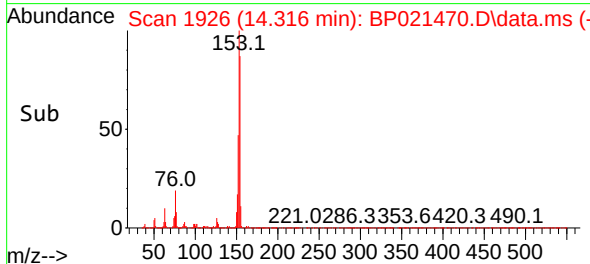
Instrument :
BNA_P
ClientSampleId :
F7E01ME



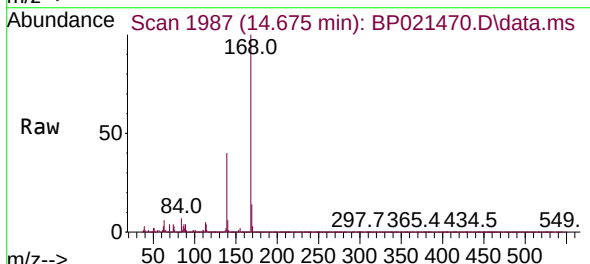
Tgt Ion:153 Resp: 262825
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 87.1 71.8 107.6

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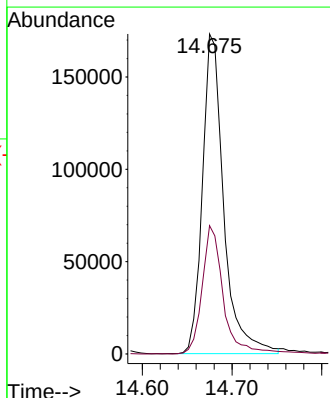
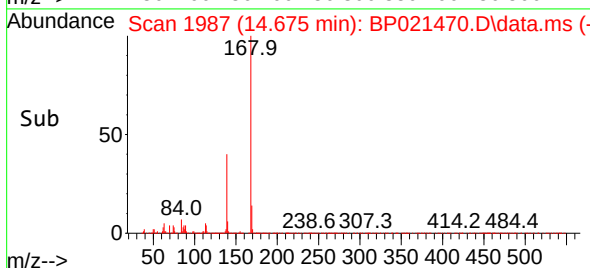
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

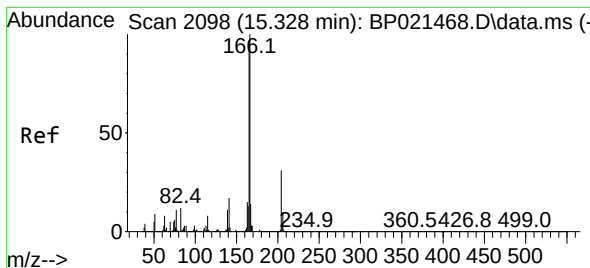


#56
Dibenzofuran
Concen: 10.676 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57



Tgt Ion:168 Resp: 285256
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7





#61

Fluorene

Concen: 14.430 ng/u1

RT: 15.334 min Scan# 2098

Delta R.T. 0.018 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

Instrument :

BNP_P

ClientSampleId :

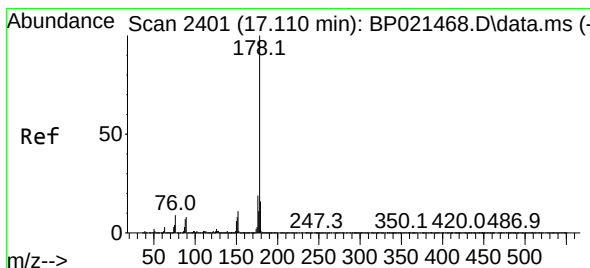
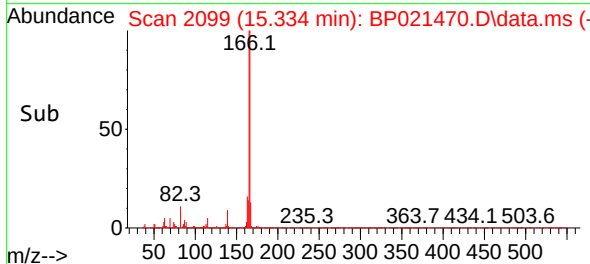
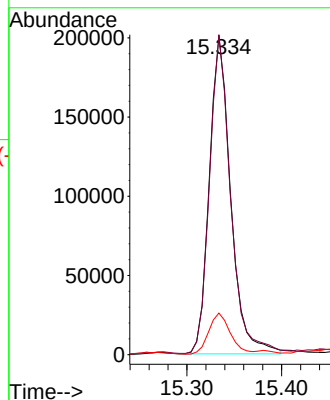
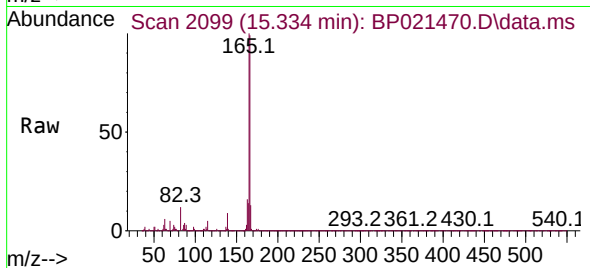
F7E01ME

Tgt Ion:166	Resp: 31464
Ion Ratio	Lower Upper
166 100	
165 100.5	78.1 117.1
167 13.1	10.9 16.3

Manual Integrations

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#72

Phenanthrene

Concen: 38.990 ng/u1

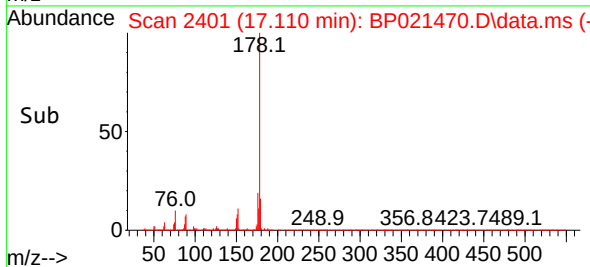
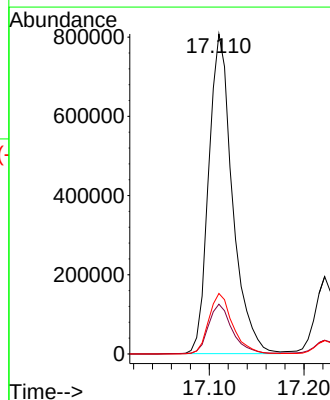
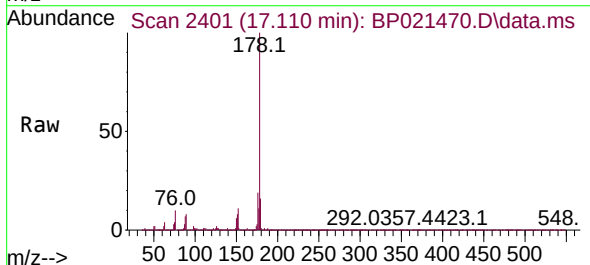
RT: 17.110 min Scan# 2401

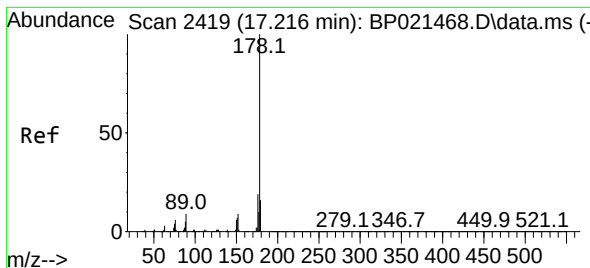
Delta R.T. -0.006 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

Tgt Ion:178	Resp: 1408452
Ion Ratio	Lower Upper
178 100	
179 15.6	12.2 18.4
176 18.9	15.0 22.4





#74

Anthracene

Concen: 8.657 ng/u1

RT: 17.222 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

Instrument :

BNP_P

ClientSampleId :

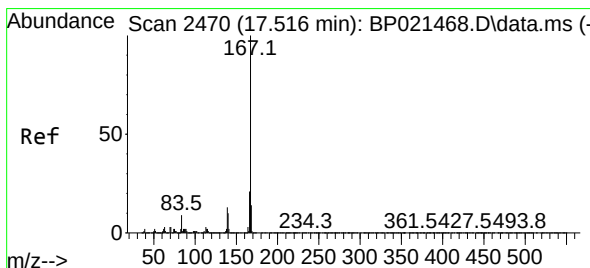
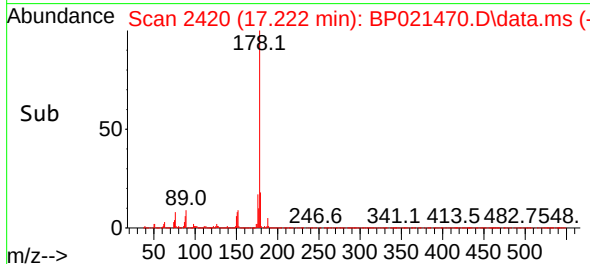
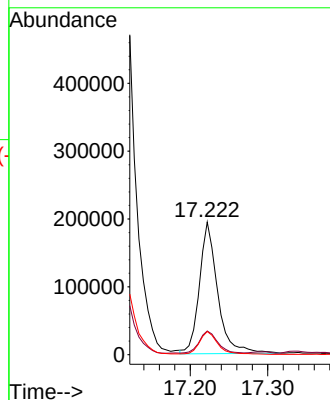
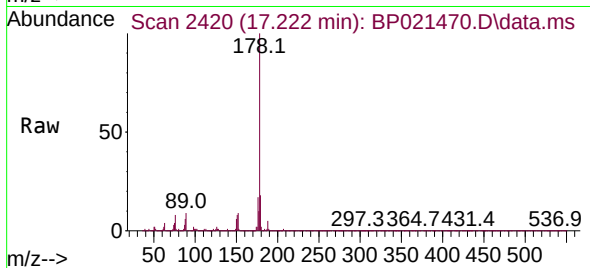
F7E01ME

Tgt Ion:178	Resp: 31879
Ion Ratio	Lower Upper
178 100	
179 17.8	12.5 18.7
176 17.5	14.8 22.2

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#77

Carbazole

Concen: 1.970 ng/u1

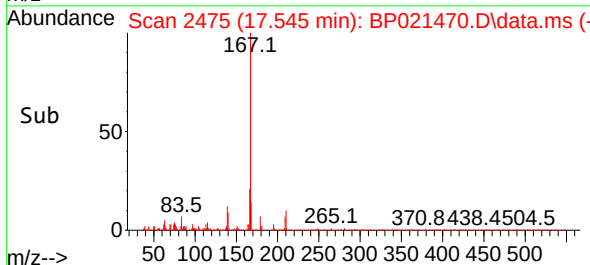
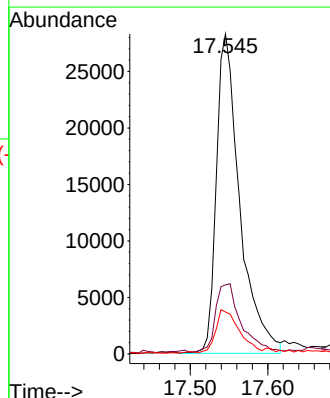
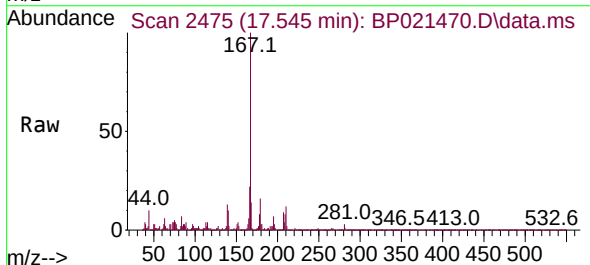
RT: 17.545 min Scan# 2475

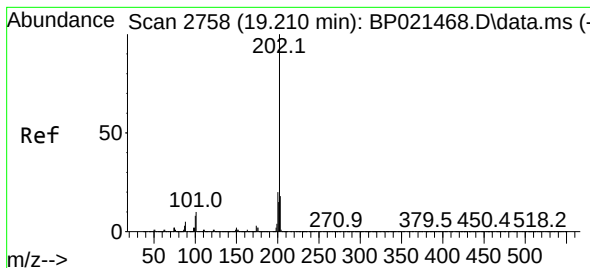
Delta R.T. 0.029 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

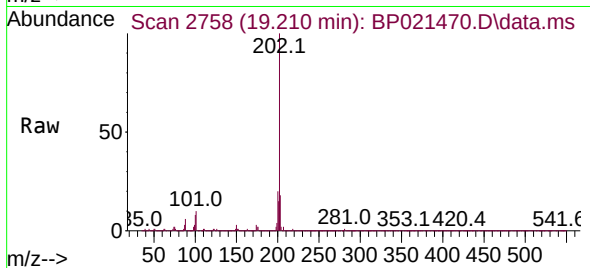
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Ion Ratio	Lower Upper
167 100	
166 21.6	17.3 25.9
139 13.1	10.2 15.2





#80
Fluoranthene
Concen: 18.600 ng/u1
RT: 19.210 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

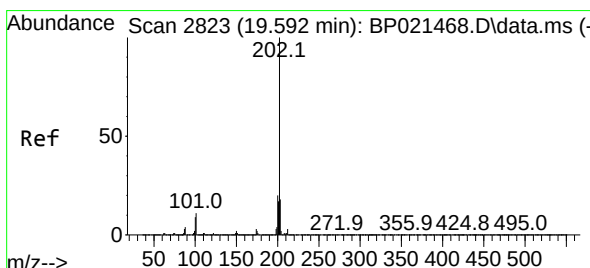
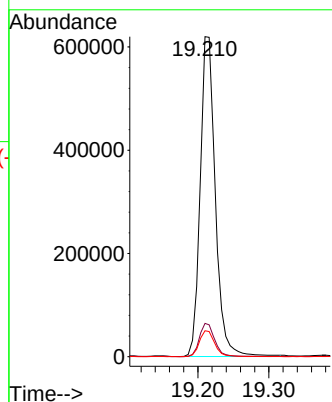
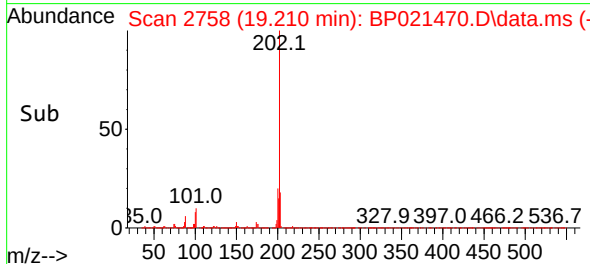
Instrument :
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F7E01ME



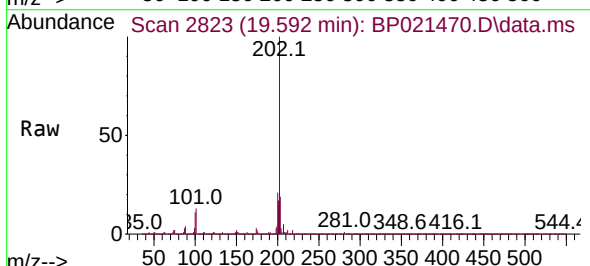
Tgt Ion:202 Resp: 923808
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.1 6.1 9.1

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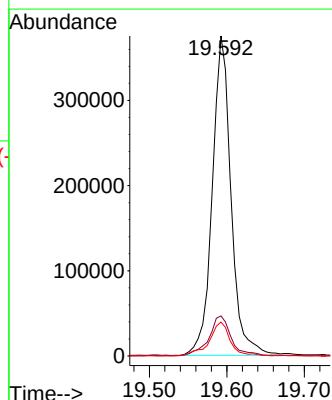
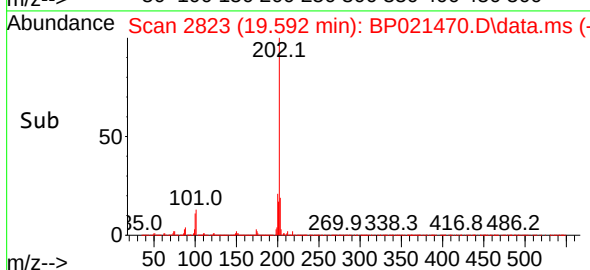
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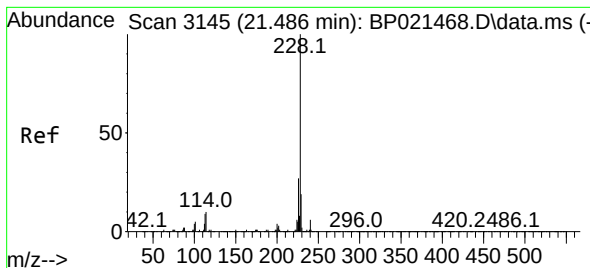


#82
Pyrene
Concen: 12.484 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57



Tgt Ion:202 Resp: 630944
Ion Ratio Lower Upper
202 100
101 12.5 9.4 14.2
100 10.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 4.378 ng/ul m

RT: 21.498 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

Instrument :

BNP_P

ClientSampleId :

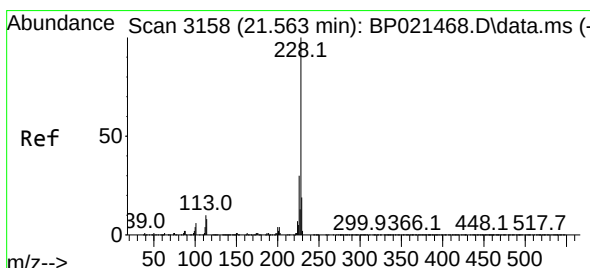
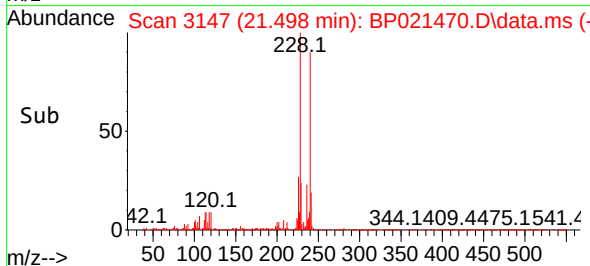
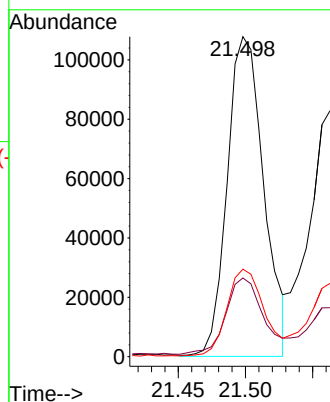
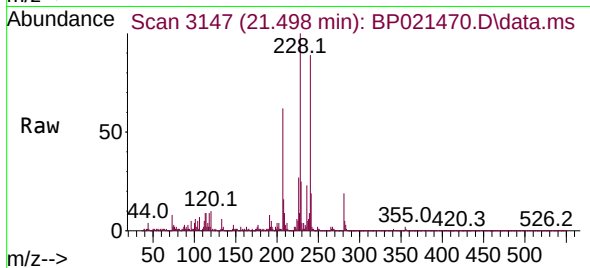
F7E01ME

Tgt Ion:	228	Resp:	204034
Ion Ratio	Lower	Upper	
228	100		
229	24.6	15.5	23.3
226	27.3	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#87

Chrysene

Concen: 4.013 ng/ul

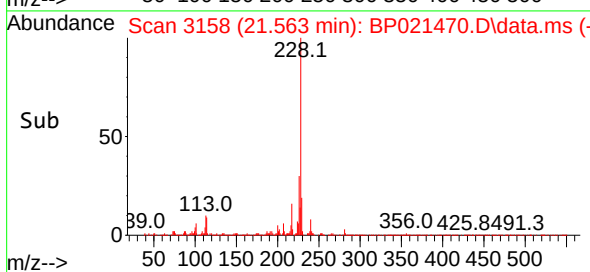
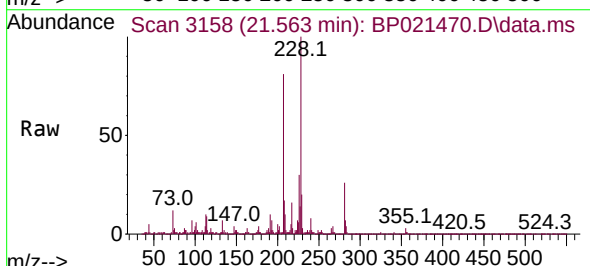
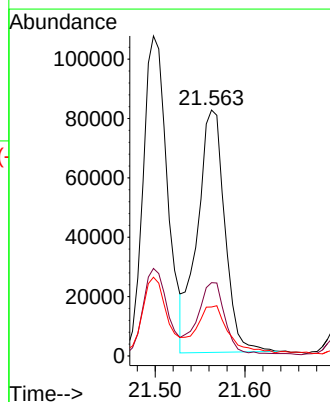
RT: 21.563 min Scan# 3158

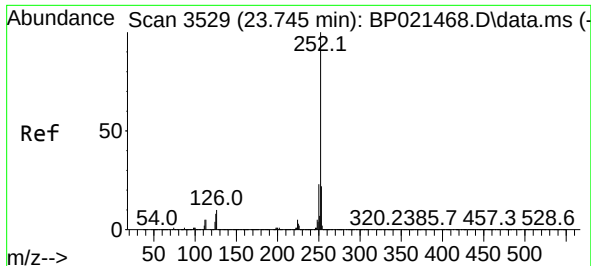
Delta R.T. 0.000 min

Lab File: BP021470.D

Acq: 09 Aug 2024 13:57

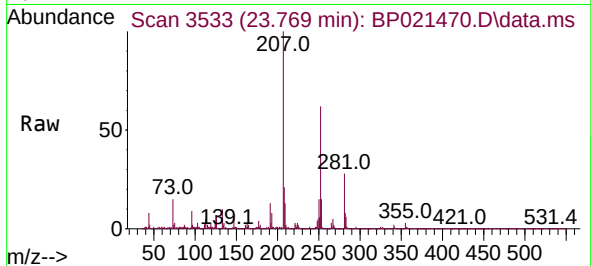
Tgt Ion:	228	Resp:	173792
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.6	35.4
229	19.9	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 3.075 ng/ul
RT: 23.769 min Scan# 3529
Delta R.T. 0.018 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

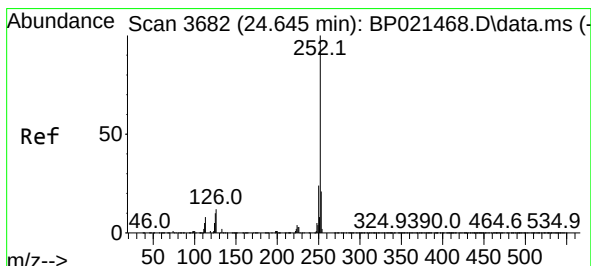
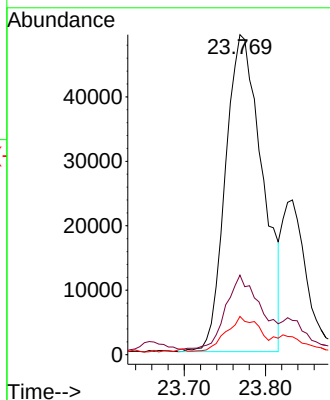
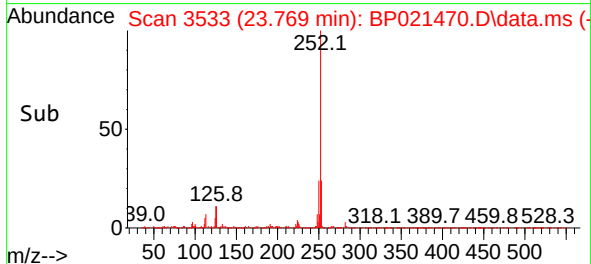
Instrument :
BNA_P
ClientSampleId :
F7E01ME



Tgt Ion:252 Resp: 15559
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 12.0 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#93
Benzo(a)pyrene
Concen: 1.837 ng/ul
RT: 24.639 min Scan# 3681
Delta R.T. 0.006 min
Lab File: BP021470.D
Acq: 09 Aug 2024 13:57

Tgt Ion:252 Resp: 87839
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 12.9 7.7 11.5

