

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022574.D
 Acq On : 23 Oct 2024 22:17
 Operator : RC/JU
 Sample : P4415-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F61

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:55:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	128444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	519438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	399384	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	942957	20.000	ng/u1	-0.01
79) Chrysene-d12	21.510	240	896452	20.000	ng/u1	0.01
88) Perylene-d12	24.786	264	1055187	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3698	1.119	ng/uL	0.00
4) Pyridine-d5	3.622	84	11120m	1.225	ng/u1	0.01
7) Phenol-d5	6.852	99	72237	6.681	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	45491	7.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	56298	7.338	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	60112	6.967	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	28325	7.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	32591	7.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	67785	6.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	50615	4.359	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	244970	7.720	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	253356	7.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	22576m	4.241	ng/u1	0.00
60) Fluorene-d10	15.275	176	214784	7.804	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	18547	2.991	ng/u1	0.01
73) Anthracene-d10	17.180	188	339854	7.661	ng/u1	0.01
81) Pyrene-d10	19.551	212	350327	7.390	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	275210	4.884	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.469	105	41845	2.938	ng/u1	97
72) Phenanthrene	17.116	178	350901	6.956	ng/u1	98
74) Anthracene	17.210	178	55443	1.101	ng/u1	98
80) Fluoranthene	19.198	202	534832	9.814	ng/u1	99
82) Pyrene	19.580	202	371324	6.357	ng/u1	99
85) Benzo(a)anthracene	21.492	228	210490	3.349	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.421	149	58406	2.001	ng/u1	98
87) Chrysene	21.557	228	231362	3.970	ng/u1	98
90) Benzo(b)fluoranthene	23.745	252	278202	4.189	ng/u1	97
91) Benzo(k)fluoranthene	23.810	252	91409	1.406	ng/u1	93
93) Benzo(a)pyrene	24.621	252	92423	1.512	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.468	276	86471m	1.060	ng/u1	

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

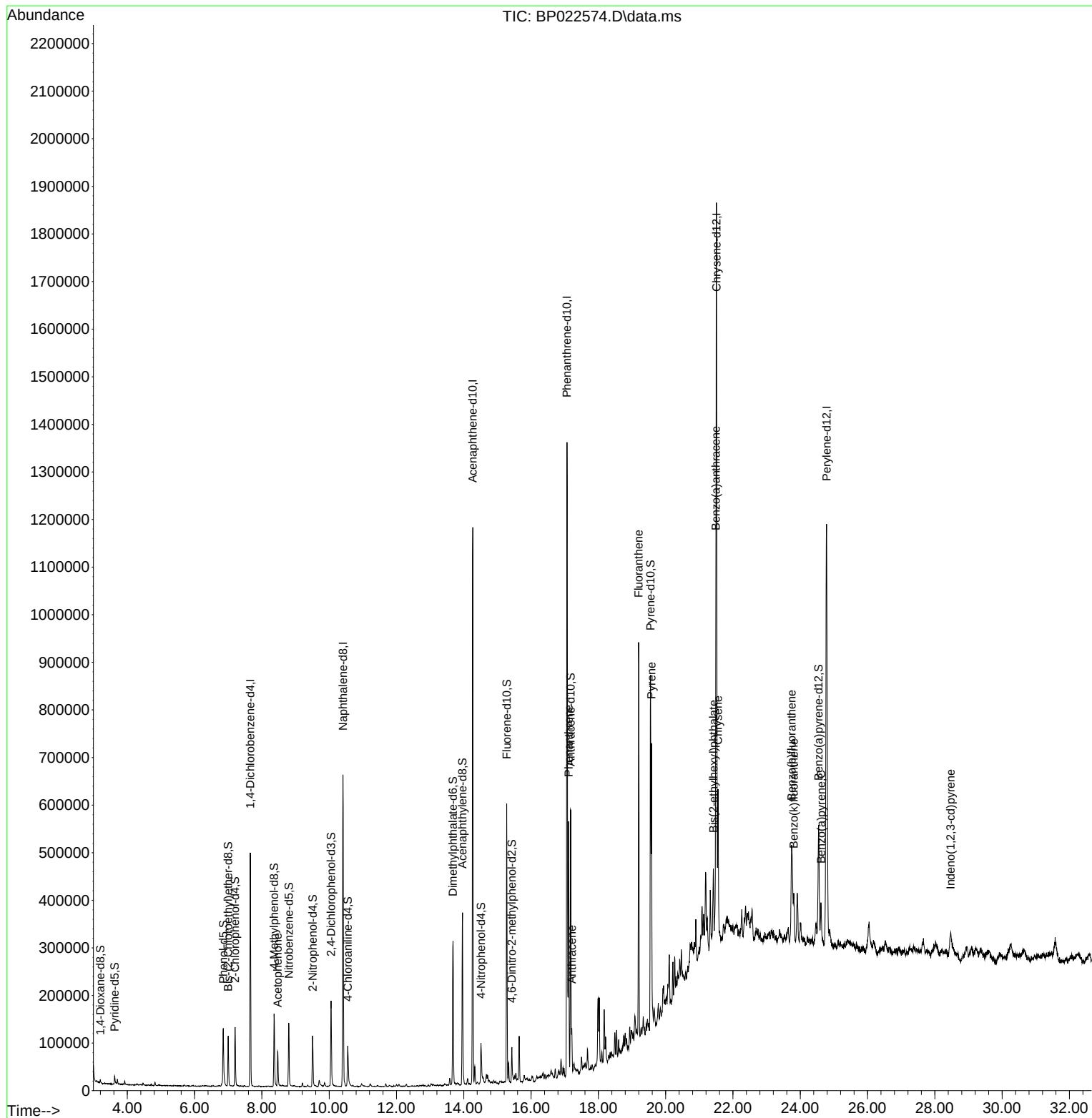
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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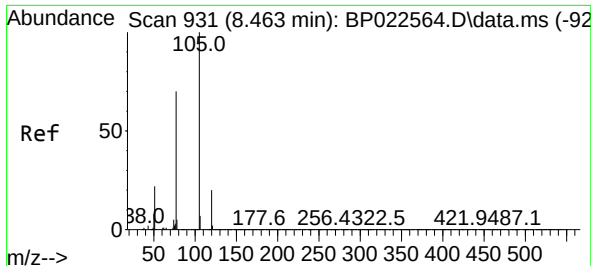
Instrument :
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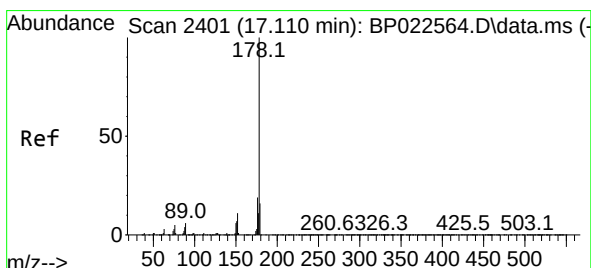
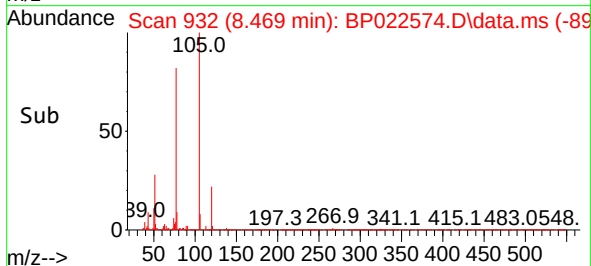
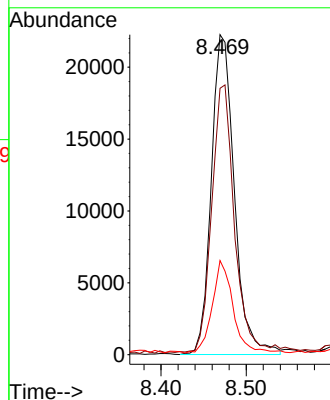
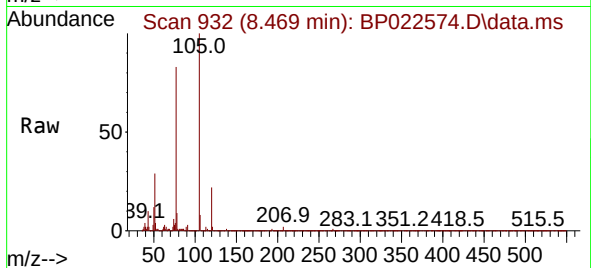
#16
Acetophenone
Concen: 2.938 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17

Instrument :
BNA_P
ClientSampleId :
A4F61

Tgt Ion:105 Resp: 4184
Ion Ratio Lower Upper
105 100
77 83.3 69.0 103.4
51 29.4 22.6 33.8

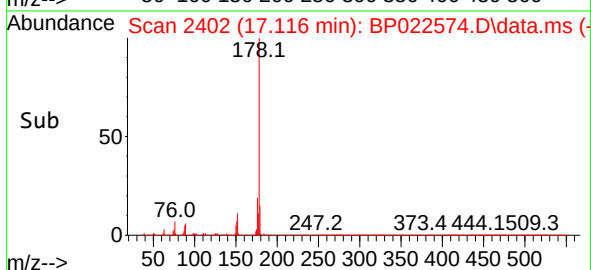
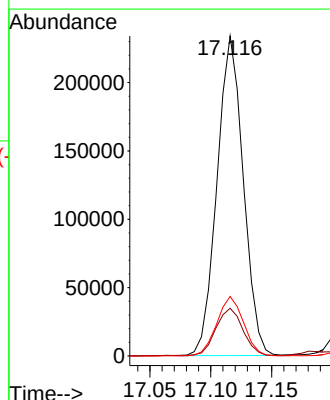
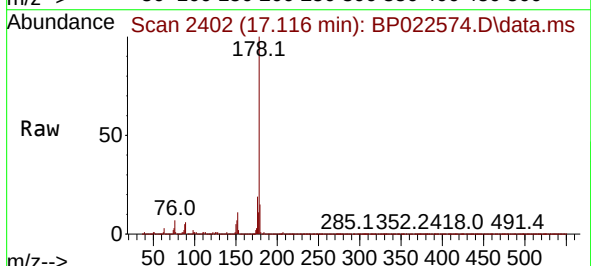
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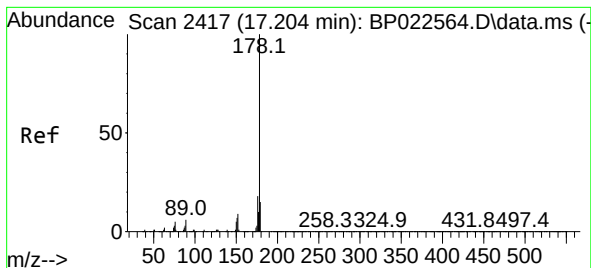
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 6.956 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17

Tgt Ion:178 Resp: 350901
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 18.6 15.7 23.5





#74

Anthracene

Concen: 1.101 ng/ul

RT: 17.210 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

Instrument :

BNA_P

ClientSampleId :

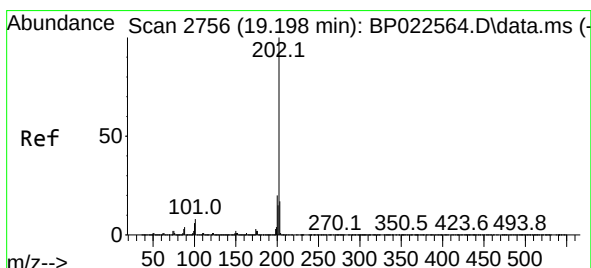
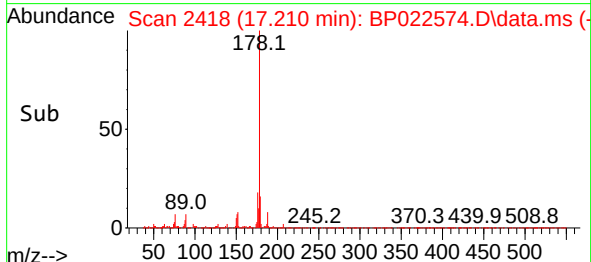
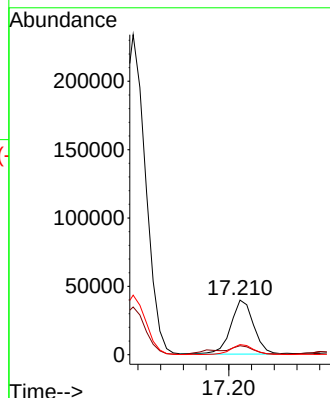
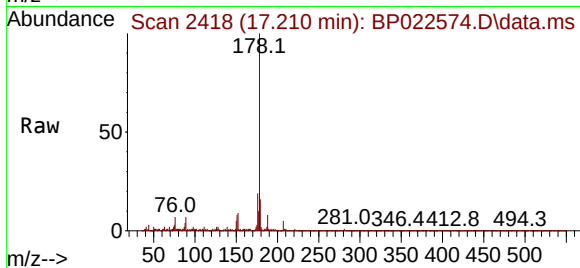
A4F61

Tgt Ion:178	Resp:	5544
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.0 18.0
176	18.6	15.0 22.4

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#80

Fluoranthene

Concen: 9.814 ng/ul

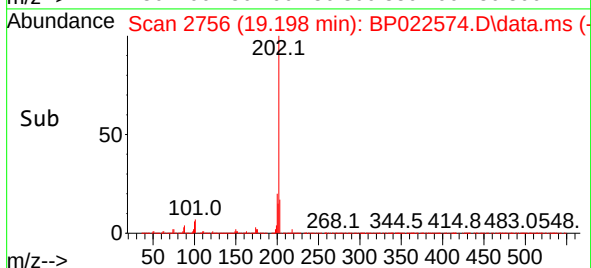
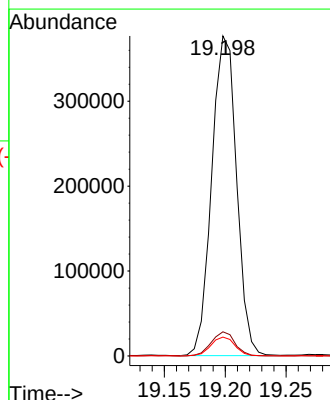
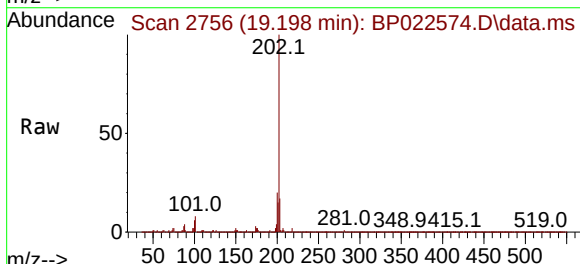
RT: 19.198 min Scan# 2756

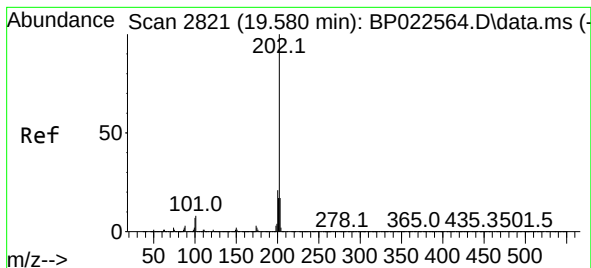
Delta R.T. -0.011 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

Tgt Ion:202	Resp:	534832
Ion Ratio	Lower	Upper
202	100	
101	7.5	5.8 8.8
100	5.9	4.5 6.7





#82

Pyrene

Concen: 6.357 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

Instrument :

BNA_P

ClientSampleId :

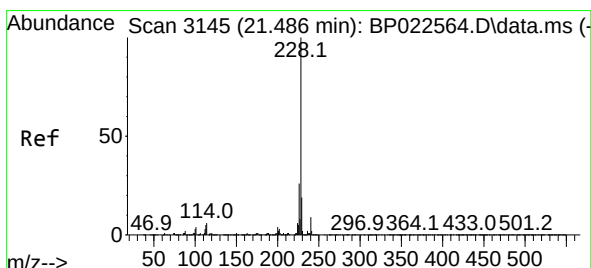
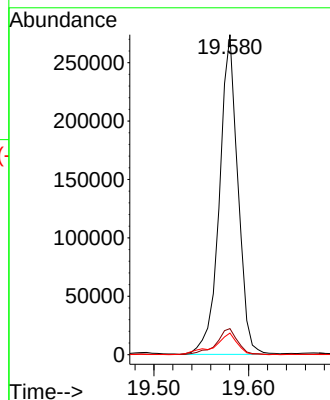
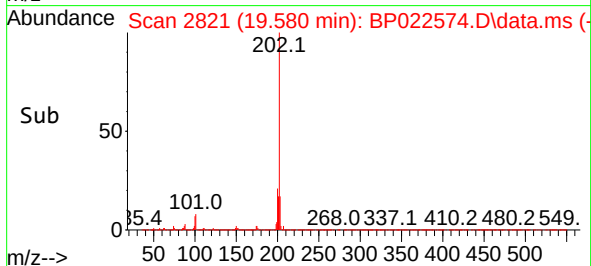
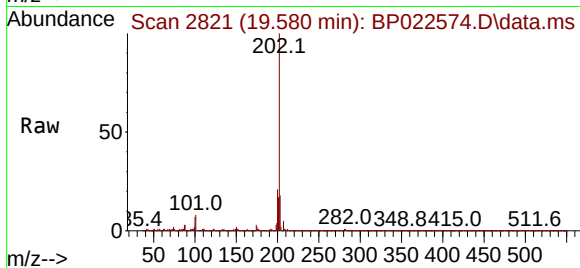
A4F61

Tgt Ion:	202	Resp:	371324
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.7	10.1
100	6.8	5.8	8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#85

Benzo(a)anthracene

Concen: 3.349 ng/ul

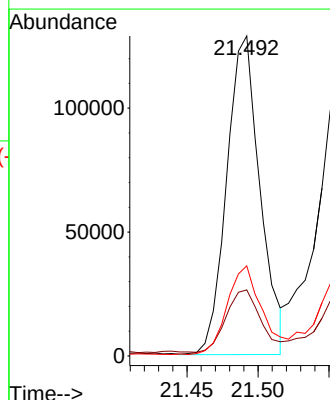
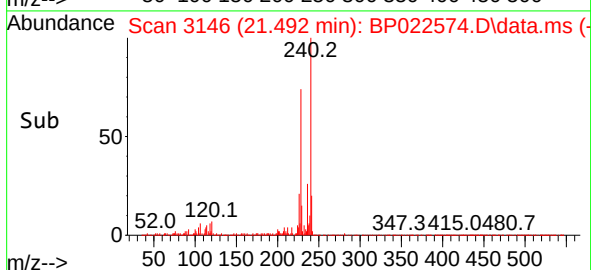
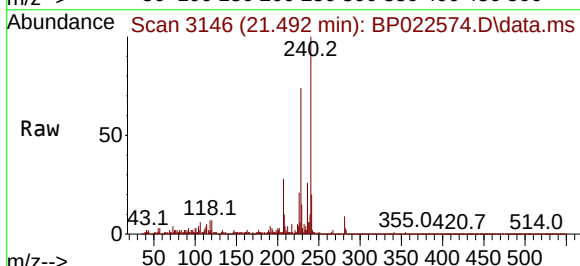
RT: 21.492 min Scan# 3146

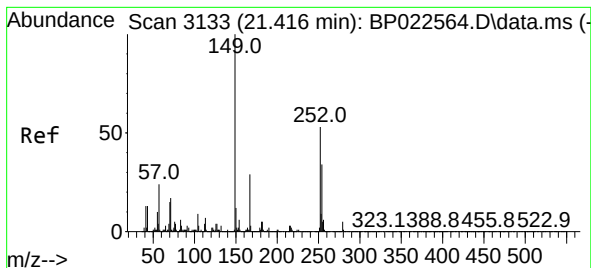
Delta R.T. 0.012 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

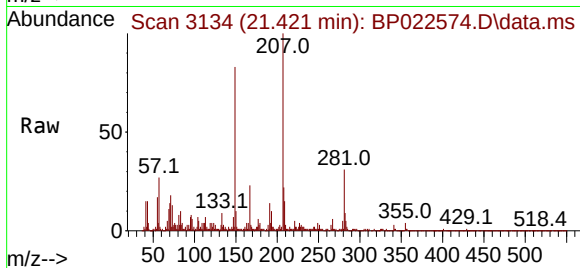
Tgt Ion:	228	Resp:	210490
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.4	23.0
226	28.1	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.001 ng/ul
RT: 21.421 min Scan# 3133
Delta R.T. 0.006 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17

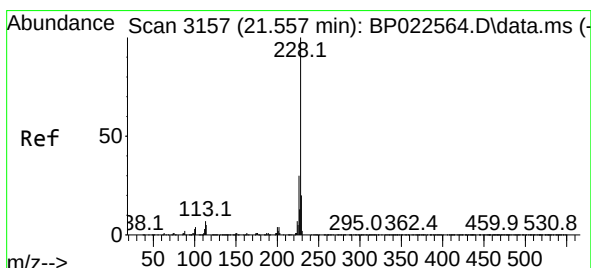
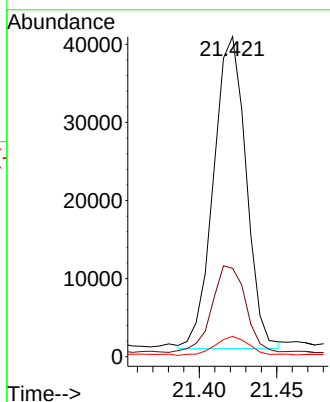
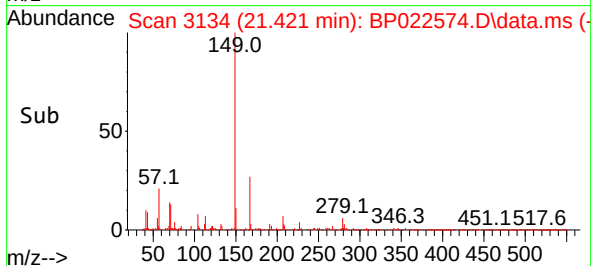
Instrument :
BNA_P
ClientSampleId :
A4F61



Tgt Ion:149 Resp: 58400
Ion Ratio Lower Upper
149 100
167 27.6 23.0 34.4
279 6.4 4.8 7.2

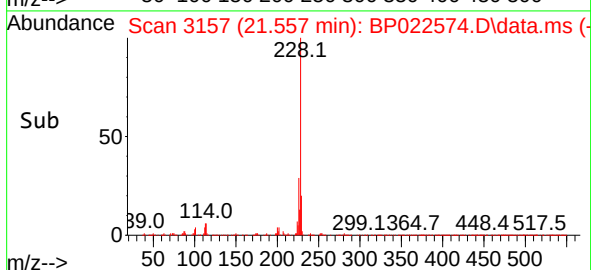
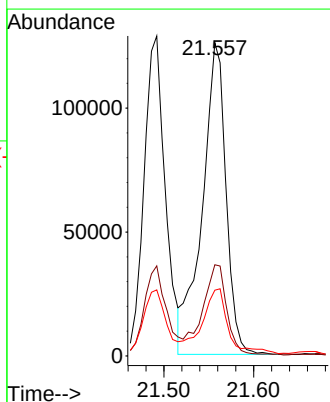
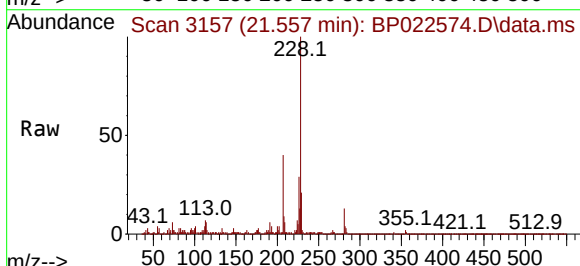
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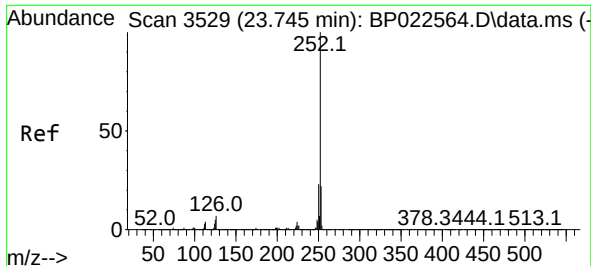
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 3.970 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17

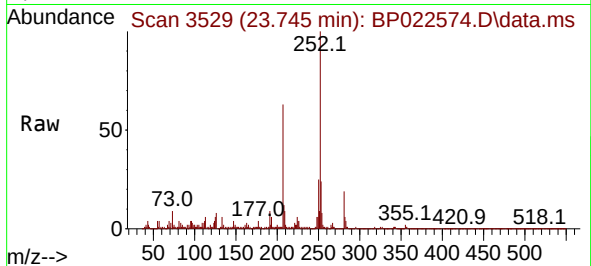
Tgt Ion:228 Resp: 231362
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.8
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.189 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17

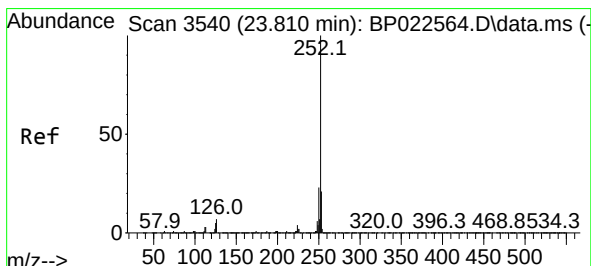
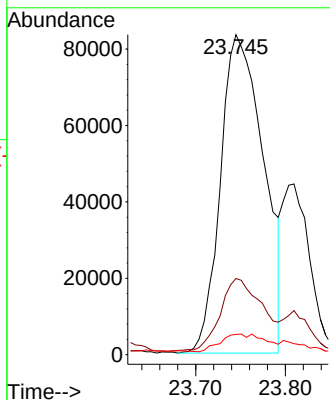
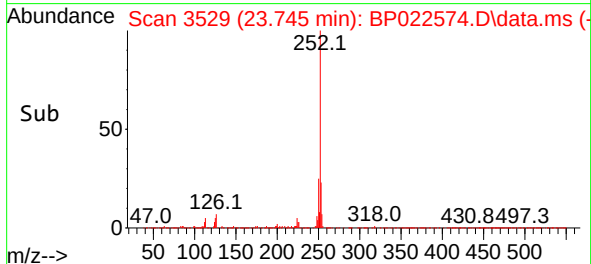
Instrument :
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A4F61



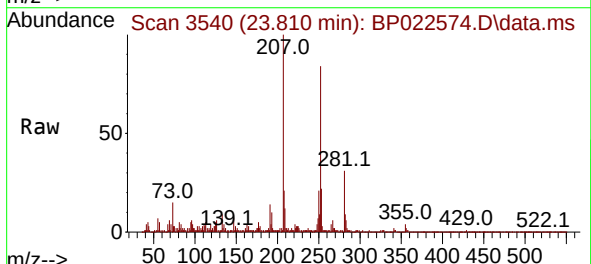
Tgt Ion:252 Resp: 27820
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 6.4 5.0 7.4

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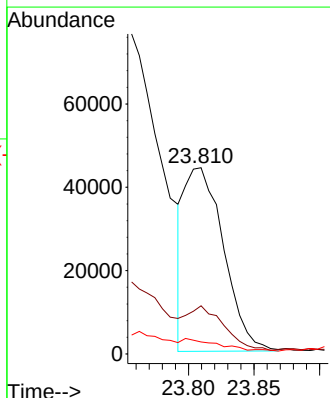
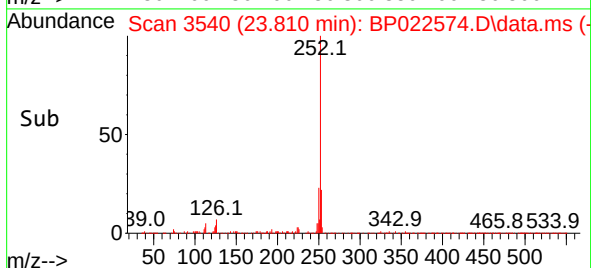
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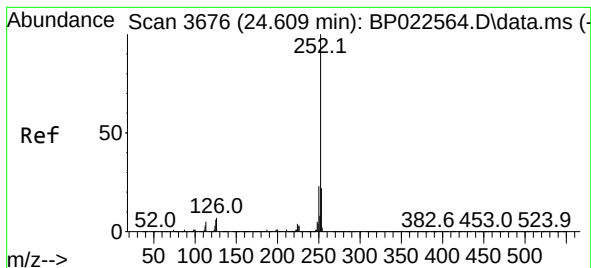


#91
Benzo(k)fluoranthene
Concen: 1.406 ng/ul
RT: 23.810 min Scan# 3540
Delta R.T. 0.018 min
Lab File: BP022574.D
Acq: 23 Oct 2024 22:17



Tgt Ion:252 Resp: 91409
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 6.4 4.6 6.8





#93

Benzo(a)pyrene

Concen: 1.512 ng/ul

RT: 24.621 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

Instrument :

BNA_P

ClientSampleId :

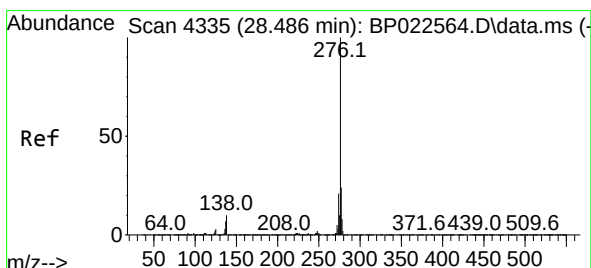
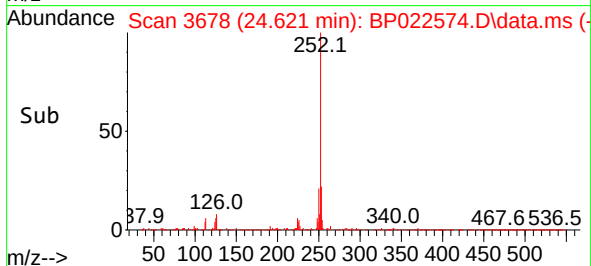
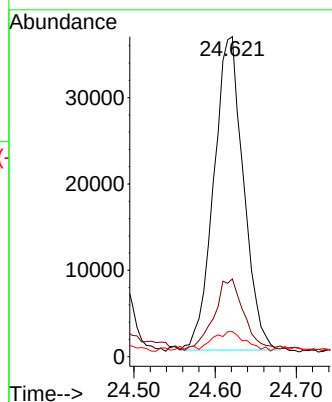
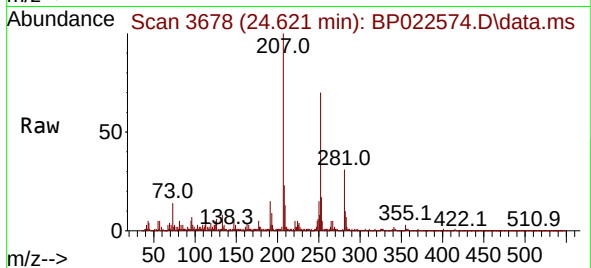
A4F61

Tgt Ion:	252	Resp:	9242
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.7	26.5
125	7.9	4.9	7.3

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.060 ng/ul m

RT: 28.468 min Scan# 4332

Delta R.T. 0.036 min

Lab File: BP022574.D

Acq: 23 Oct 2024 22:17

Tgt Ion:	276	Resp:	86471
Ion Ratio	Lower	Upper	
276	100		
138	11.3	9.1	13.7
277	24.3	18.6	27.8

