

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022570.D
 Acq On : 23 Oct 2024 19:35
 Operator : RC/JU
 Sample : P4415-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F88

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 01:31:51 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	7.658	152	124436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	494742	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	386272	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	903183	20.000	ng/u1	-0.02
79) Chrysene-d12	21.516	240	893711	20.000	ng/u1	0.02
88) Perylene-d12	24.774	264	1054511	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8127	2.538	ng/uL	0.00
4) Pyridine-d5	3.611	84	112798	12.831	ng/u1	0.00
7) Phenol-d5	6.846	99	184817	17.644	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	101481	16.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	131831	17.737	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	162202	19.404	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	64569	16.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	79063	17.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	177133	18.924	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	198432	17.941	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	628964	20.494	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	644963	19.786	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	74981	14.563	ng/u1	0.00
60) Fluorene-d10	15.269	176	546324	20.523	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	52699	8.872	ng/u1	0.00
73) Anthracene-d10	17.169	188	928806	21.860	ng/u1	0.00
81) Pyrene-d10	19.551	212	1092122	23.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1203875	21.377	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	378906	7.841	ng/u1	99
74) Anthracene	17.204	178	82310	1.707	ng/u1	97
80) Fluoranthene	19.198	202	558094	10.272	ng/u1	99
82) Pyrene	19.580	202	528267	9.072	ng/u1	99
85) Benzo(a)anthracene	21.492	228	228682	3.650	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	69024	2.372	ng/u1	99
87) Chrysene	21.557	228	214280	3.689	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	227407	3.426	ng/u1	95
91) Benzo(k)fluoranthene	23.786	252	107598m	1.656	ng/u1	
93) Benzo(a)pyrene	24.615	252	184070	3.013	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	115929m	1.422	ng/u1	
96) Benzo(g,h,i)perylene	29.592	276	108895	1.717	ng/u1	99

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

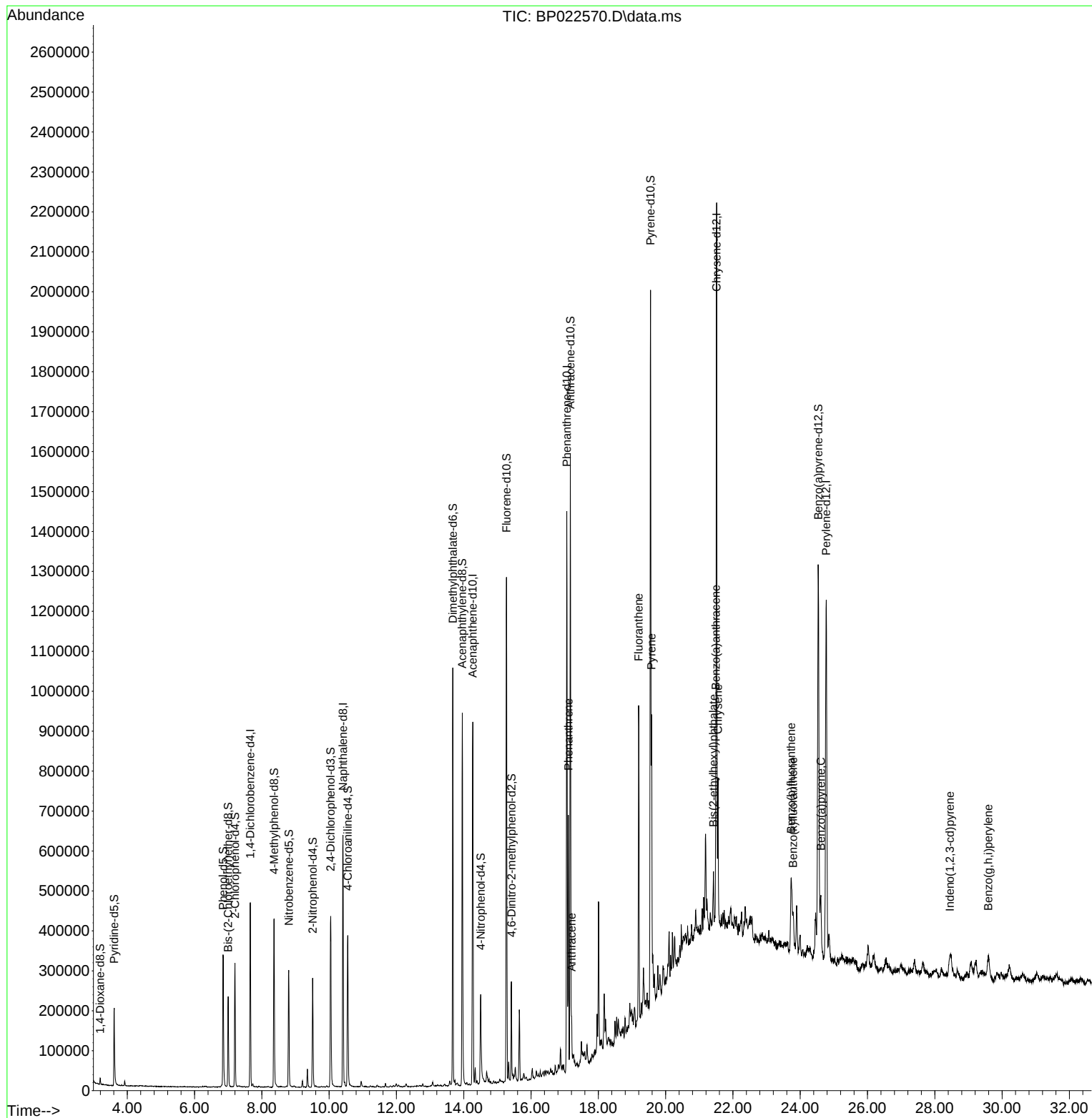
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022570.D
Acq On : 23 Oct 2024 19:35
Operator : RC/JU
Sample : P4415-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

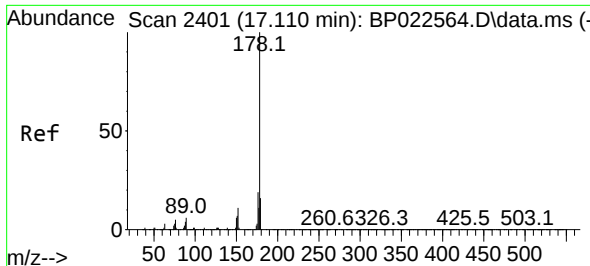
Instrument :
BNA_P
ClientSampleId :
A4F88

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Quant Title : SVOA CALIBRATION
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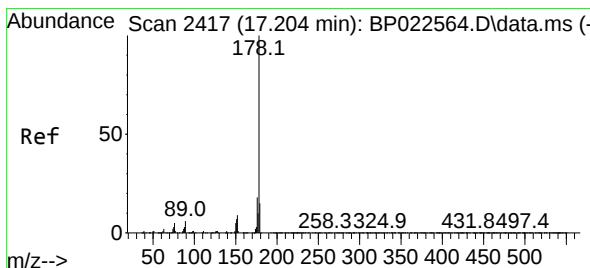
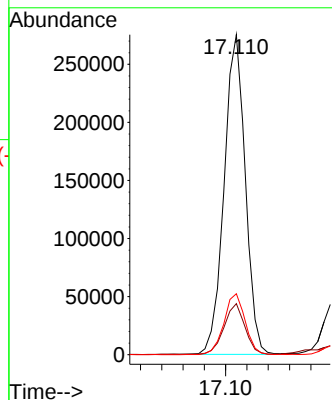
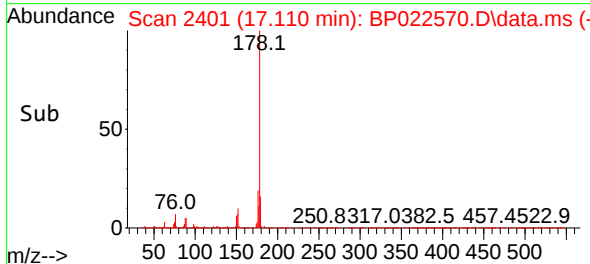
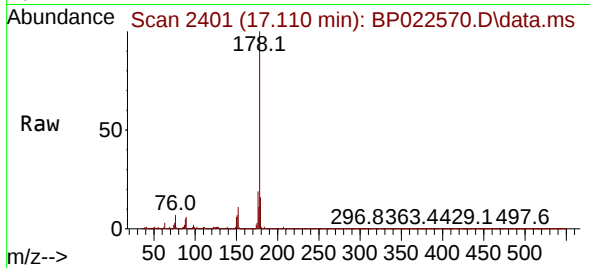
#72
Phenanthrene
Concen: 7.841 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

Instrument :
BNA_P
ClientSampleId :
A4F88

Tgt Ion:178 Resp: 378900
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.0 15.7 23.5

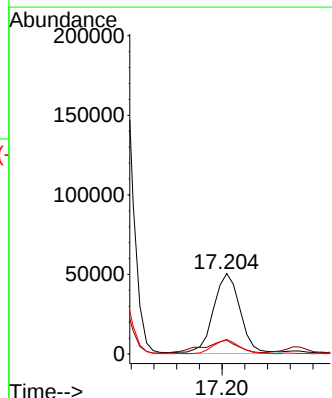
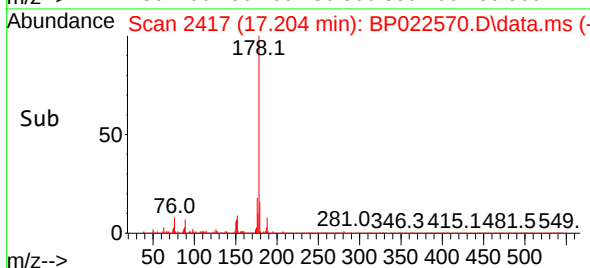
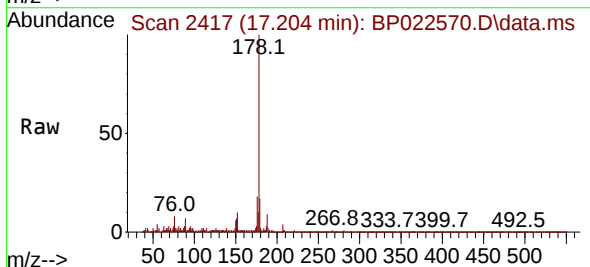
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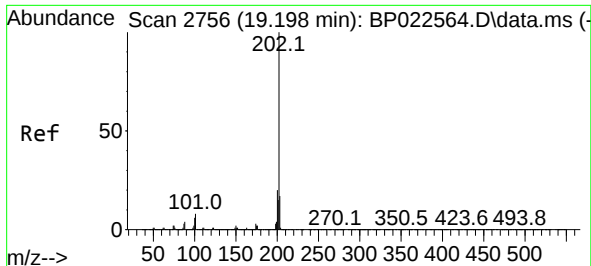
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#74
Anthracene
Concen: 1.707 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

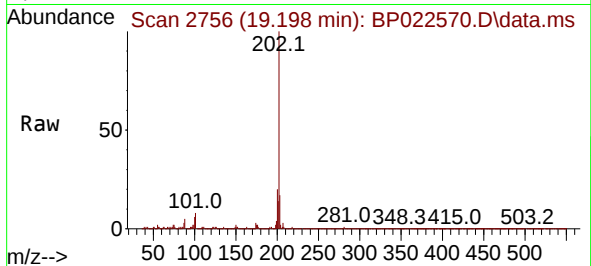
Tgt Ion:178 Resp: 82310
Ion Ratio Lower Upper
178 100
179 17.1 12.0 18.0
176 18.0 15.0 22.4





#80
Fluoranthene
Concen: 10.272 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.011 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

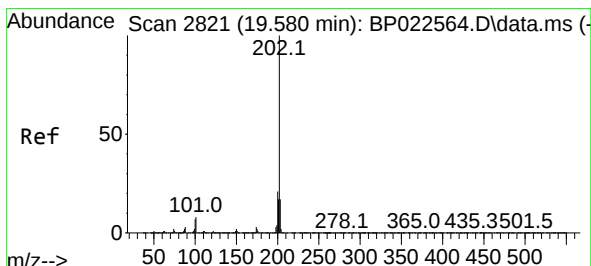
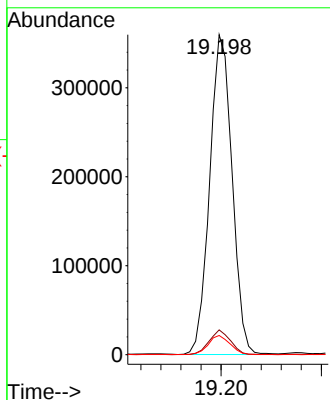
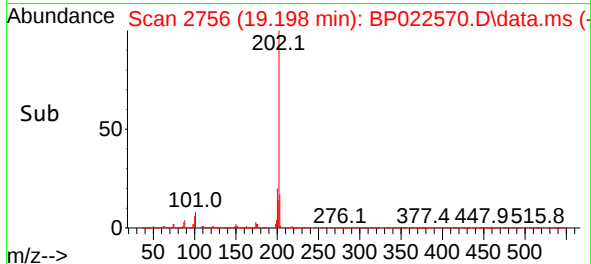
Instrument :
BNA_P
ClientSampleId :
A4F88



Tgt Ion:202 Resp: 558094
Ion Ratio Lower Upper
202 100
101 7.7 5.8 8.8
100 6.0 4.5 6.7

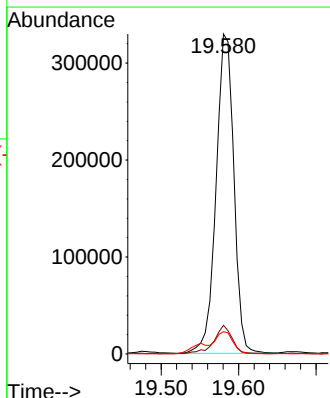
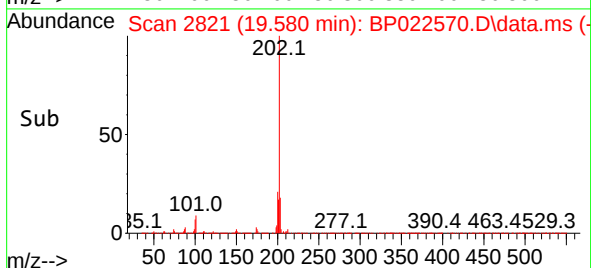
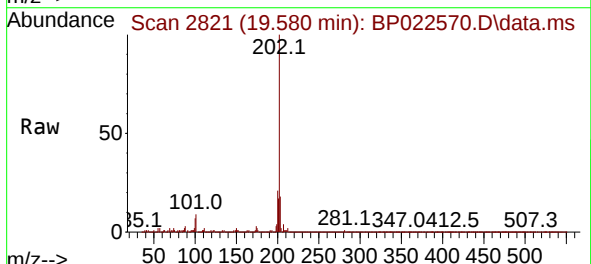
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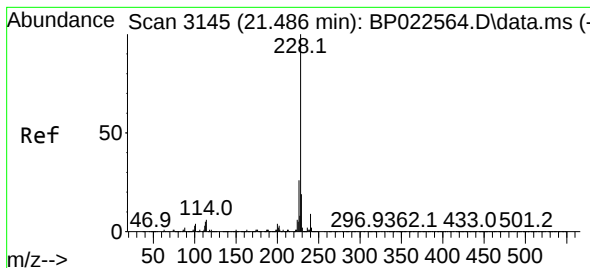
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 9.072 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

Tgt Ion:202 Resp: 528267
Ion Ratio Lower Upper
202 100
101 8.9 6.7 10.1
100 6.9 5.8 8.6





#85

Benzo(a)anthracene

Concen: 3.650 ng/ul

RT: 21.492 min Scan# 3145

Delta R.T. 0.012 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Instrument :

BNA_P

ClientSampleId :

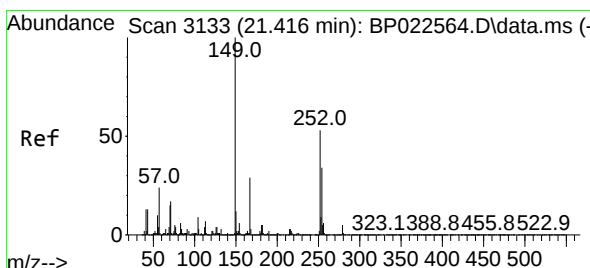
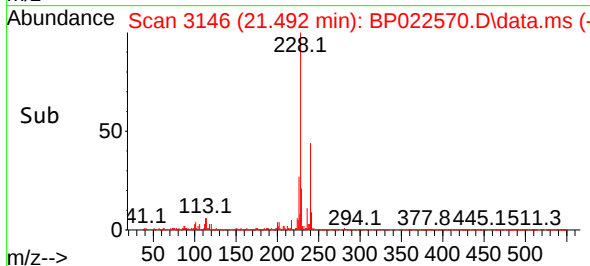
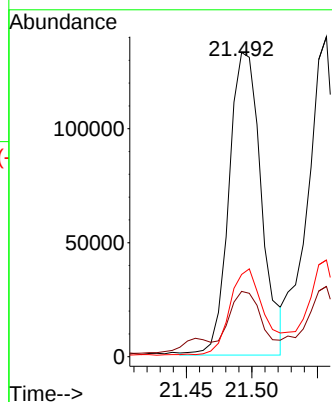
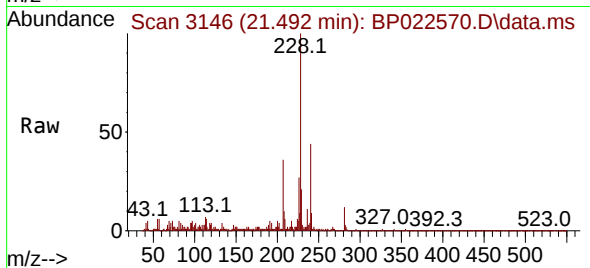
A4F88

Tgt Ion:	228	Resp:	22868
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.4	23.0
226	27.1	21.5	32.3

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.372 ng/ul

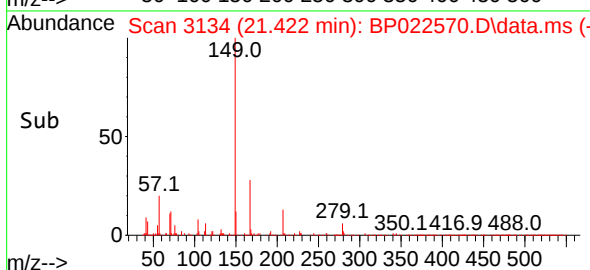
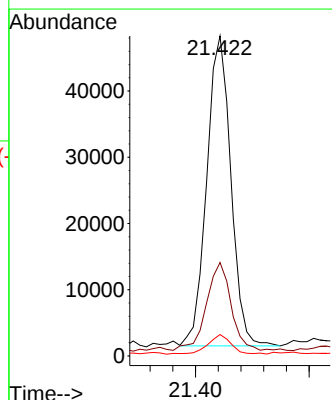
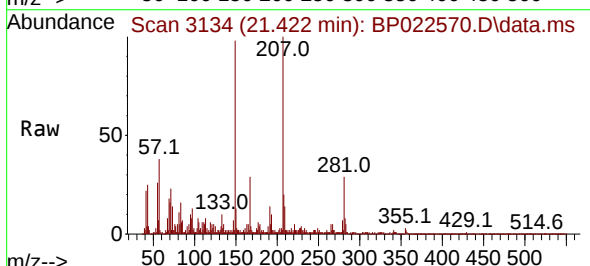
RT: 21.422 min Scan# 3134

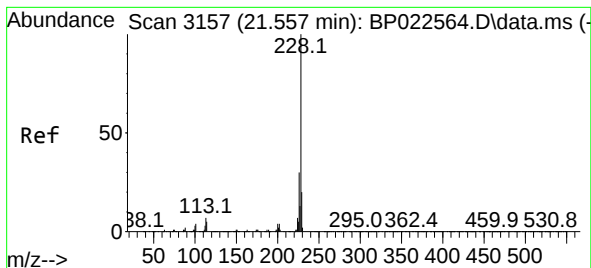
Delta R.T. 0.006 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Tgt Ion:	149	Resp:	69024
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.0	34.4
279	6.7	4.8	7.2





#87

Chrysene

Concen: 3.689 ng/ul

RT: 21.557 min Scan# 3157

Delta R.T. 0.012 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Instrument :

BNA_P

ClientSampleId :

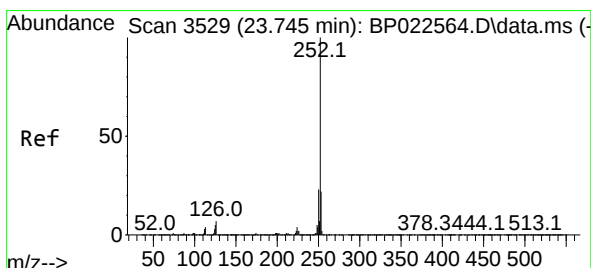
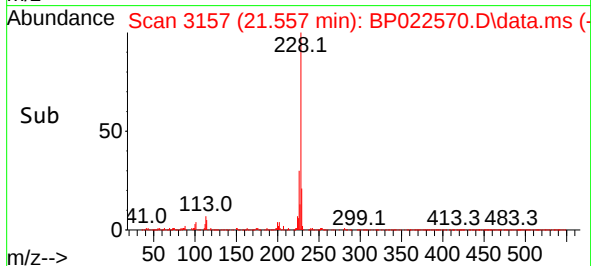
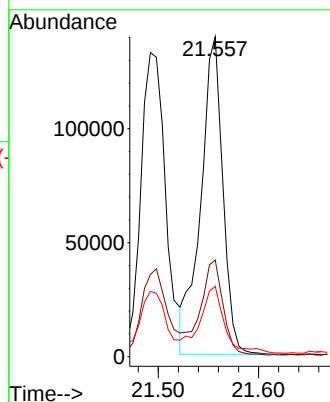
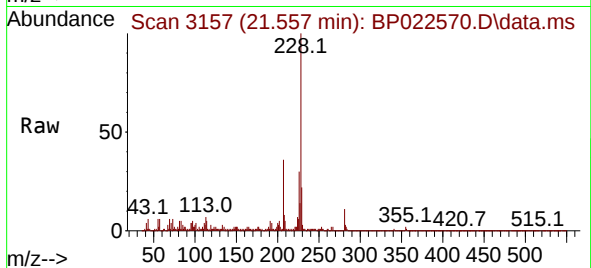
A4F88

Tgt Ion:	228	Resp:	214280
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	21.9	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.426 ng/ul

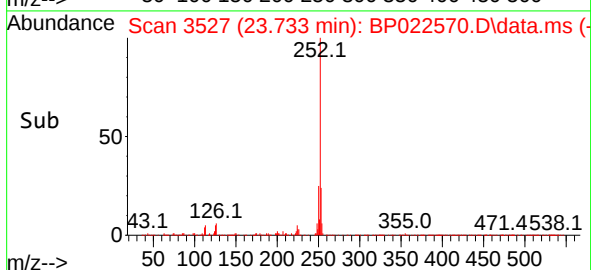
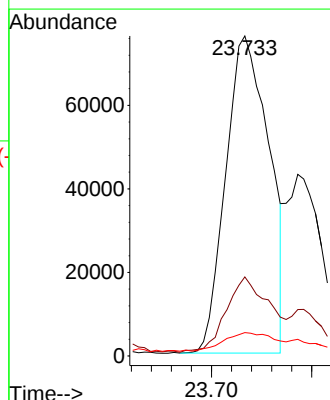
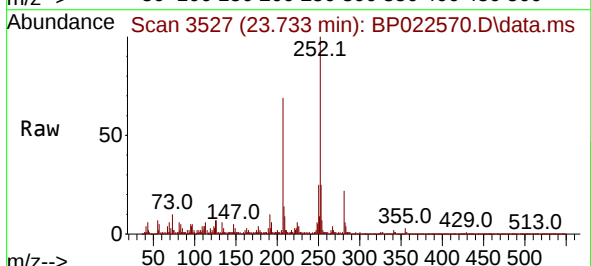
RT: 23.733 min Scan# 3527

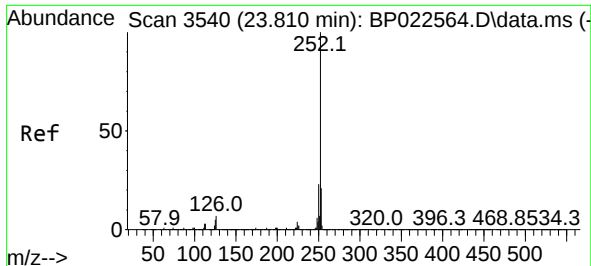
Delta R.T. 0.012 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Tgt Ion:	252	Resp:	227407
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.8
125	7.3	5.0	7.4





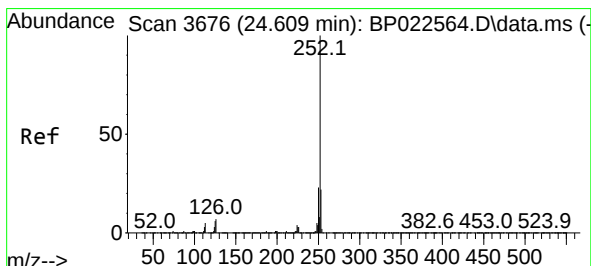
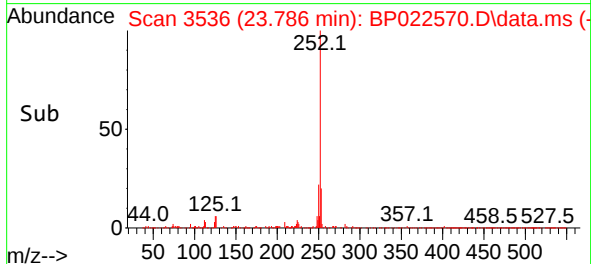
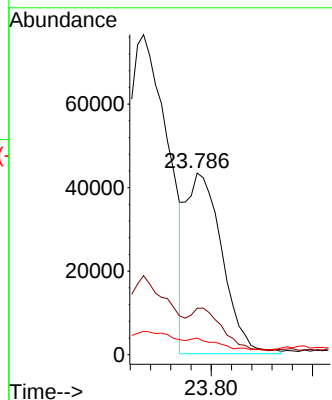
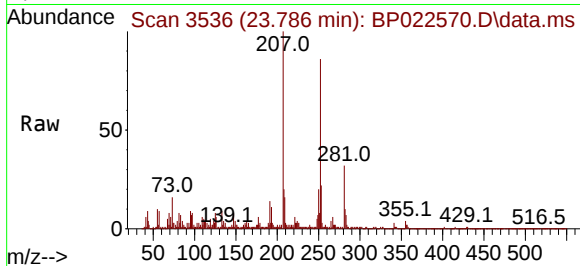
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Benzo(k)fluoranthene
Concen: 1.656 ng/ul m
RT: 23.786 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

Instrument :
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ClientSampleId :
A4F88

Tgt Ion:252 Resp: 107598
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 9.1 4.6 6.8

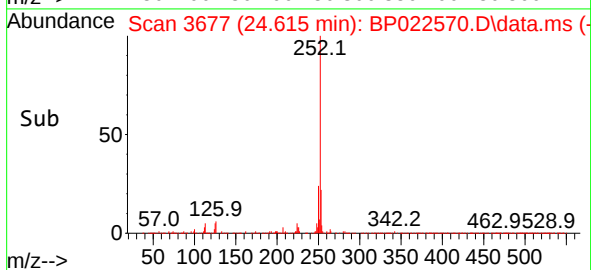
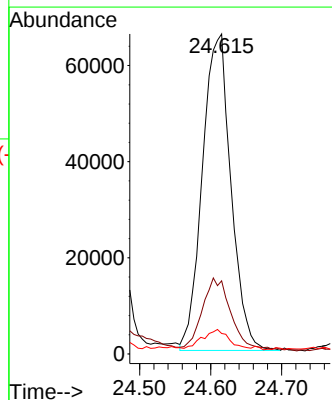
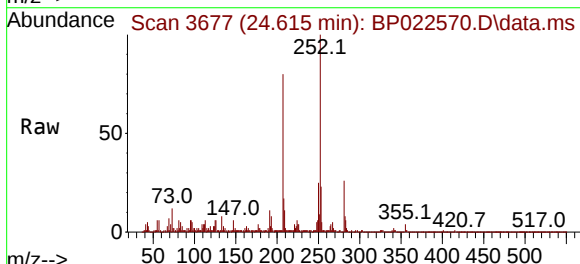
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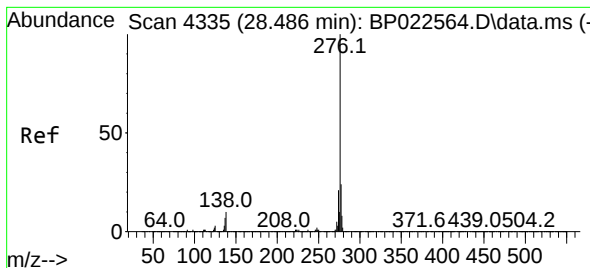
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 3.013 ng/ul
RT: 24.615 min Scan# 3677
Delta R.T. 0.012 min
Lab File: BP022570.D
Acq: 23 Oct 2024 19:35

Tgt Ion:252 Resp: 184070
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 6.4 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.422 ng/ul m

RT: 28.445 min Scan# 4335

Delta R.T. 0.012 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Instrument :

BNA_P

ClientSampleId :

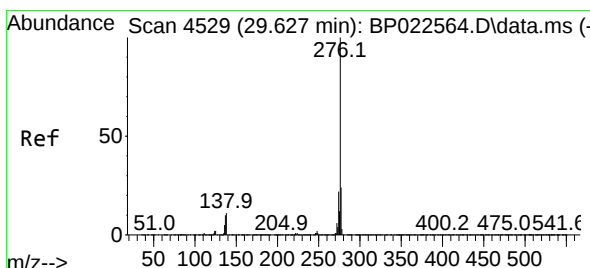
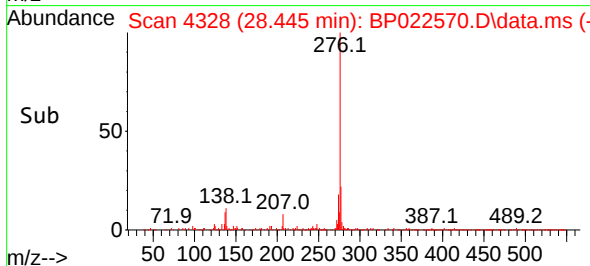
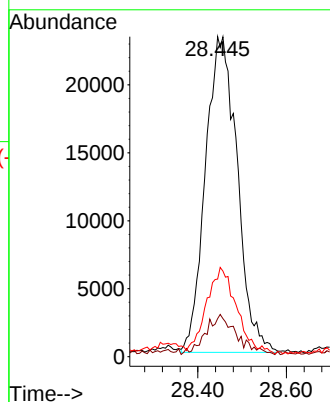
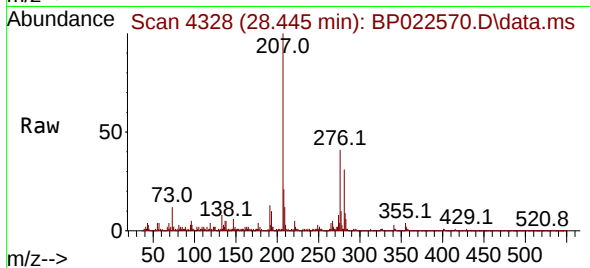
A4F88

Tgt Ion:	276	Resp:	115929
Ion Ratio	Lower	Upper	
276	100		
138	11.9	9.1	13.7
277	24.3	18.6	27.8

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.717 ng/ul

RT: 29.592 min Scan# 4523

Delta R.T. 0.018 min

Lab File: BP022570.D

Acq: 23 Oct 2024 19:35

Tgt Ion:	276	Resp:	108895
Ion Ratio	Lower	Upper	
276	100		
138	10.1	8.5	12.7
277	23.0	19.0	28.4

