

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022523.D
 Acq On : 22 Oct 2024 03:38
 Operator : RC/JU
 Sample : P4414-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 04:11:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	108596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	419203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	336543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	844849	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	842518	20.000	ng/u1	0.00
88) Perylene-d12	24.780	264	968486	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7884	2.821	ng/uL	0.00
4) Pyridine-d5	3.611	84	113148	14.749	ng/u1	0.00
7) Phenol-d5	6.858	99	164596	18.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	94390	17.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	122472	18.881	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	140135	19.209	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	63299	19.638	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	76140	20.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	155487	19.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	178667	19.064	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	556548	20.814	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	598187	21.063	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	76142	16.974	ng/u1	0.00
60) Fluorene-d10	15.275	176	500574	21.583	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	58832	10.588	ng/u1	0.00
73) Anthracene-d10	17.163	188	867642	21.831	ng/u1	0.00
81) Pyrene-d10	19.551	212	1047877	23.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1117993	21.615	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.463	128	42490	1.903	ng/u1	99
72) Phenanthrene	17.104	178	229714	5.082	ng/u1	99
80) Fluoranthene	19.198	202	306720	5.988	ng/u1	99
82) Pyrene	19.580	202	280837	5.116	ng/u1	100
85) Benzo(a)anthracene	21.486	228	134348	2.275	ng/u1	98
87) Chrysene	21.545	228	134339	2.453	ng/u1	98
90) Benzo(b)fluoranthene	23.739	252	165603	2.716	ng/u1	99
93) Benzo(a)pyrene	24.615	252	114681	2.044	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.468	276	76456	1.021	ng/u1	95
96) Benzo(g,h,i)perylene	29.615	276	68876m	1.183	ng/u1	

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

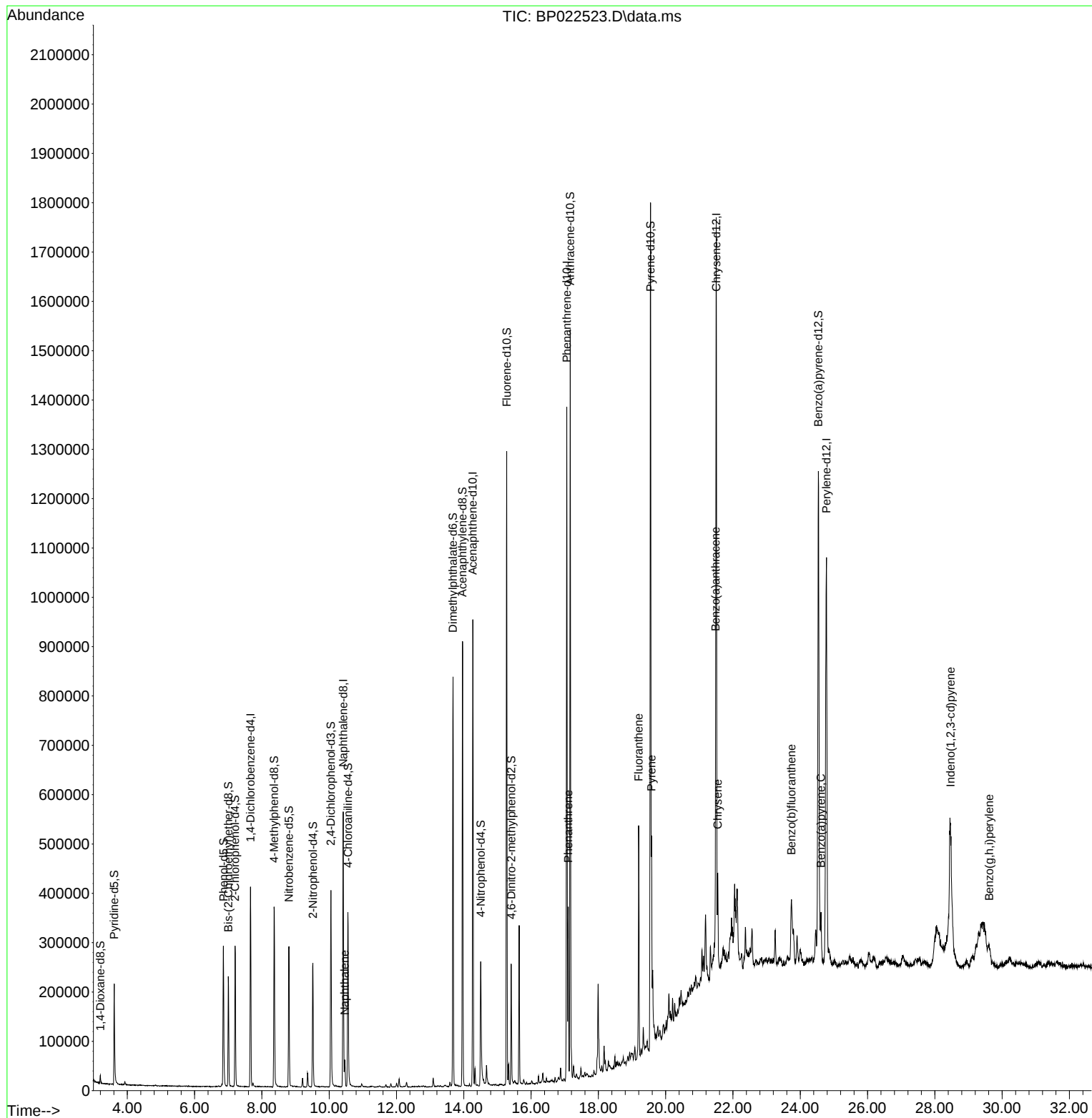
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022523.D
Acq On : 22 Oct 2024 03:38
Operator : RC/JU
Sample : P4414-10
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ALS Vial : 24 Sample Multiplier: 1

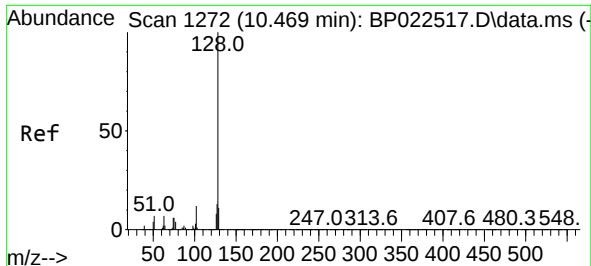
Instrument :
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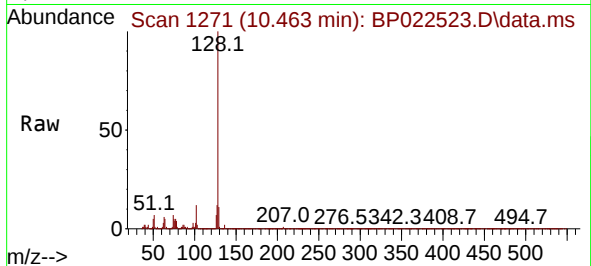
Quant Time: Oct 22 04:11:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.903 ng/ul
RT: 10.463 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

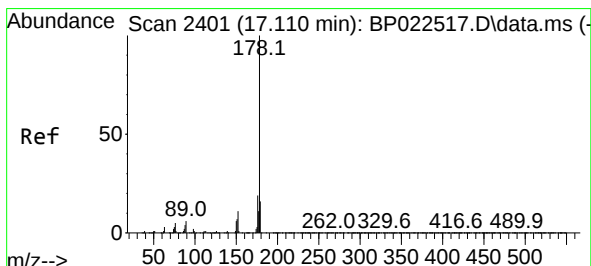
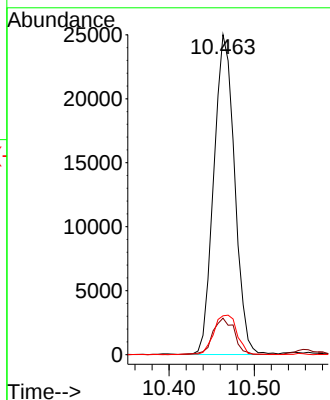
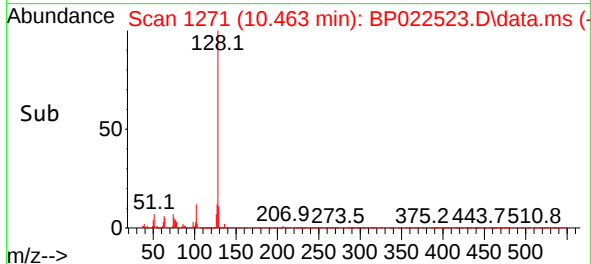
Instrument :
BNA_P
ClientSampleId :
A4FA0



Tgt Ion:128 Resp: 42490
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 12.2 9.9 14.9

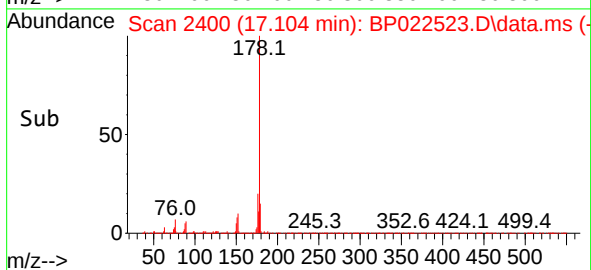
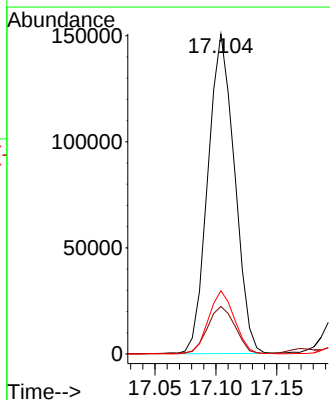
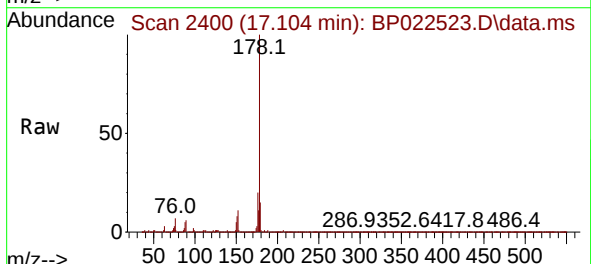
Manual Integrations
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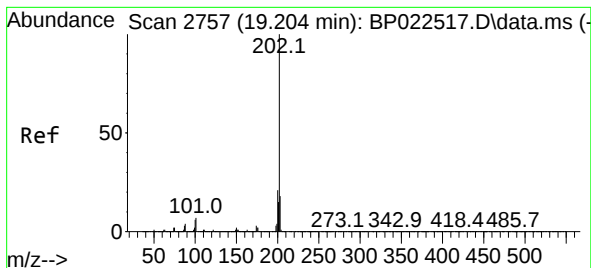
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 5.082 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.011 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

Tgt Ion:178 Resp: 229714
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 19.7 15.7 23.5





#80

Fluoranthene

Concen: 5.988 ng/ul

RT: 19.198 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP022523.D

Acq: 22 Oct 2024 03:38

Instrument :

BNA_P

ClientSampleId :

A4FA0

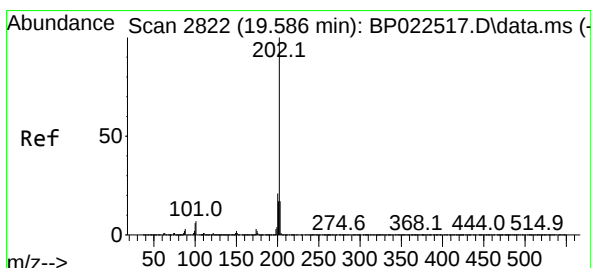
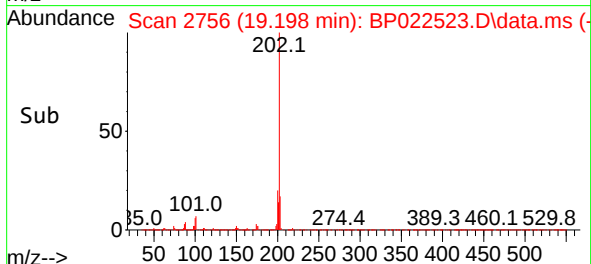
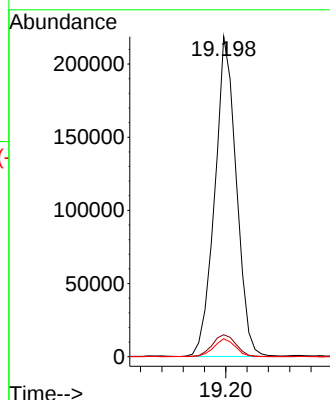
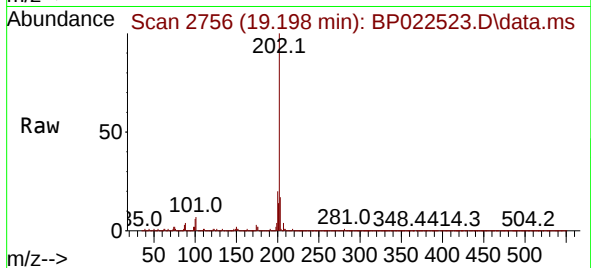
Tgt Ion:	202	Resp:	306720
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.8	8.8
100	5.6	4.5	6.7

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#82

Pyrene

Concen: 5.116 ng/ul

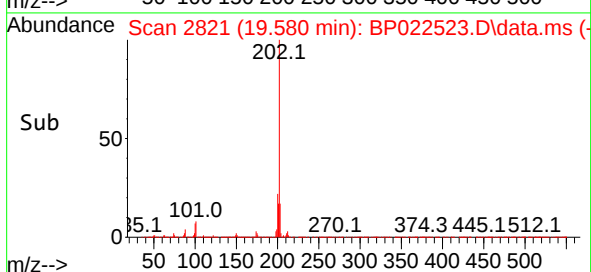
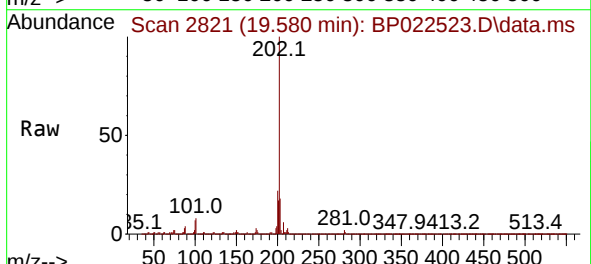
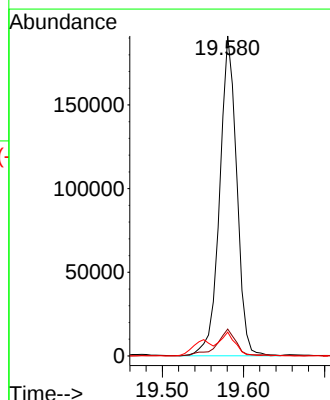
RT: 19.580 min Scan# 2821

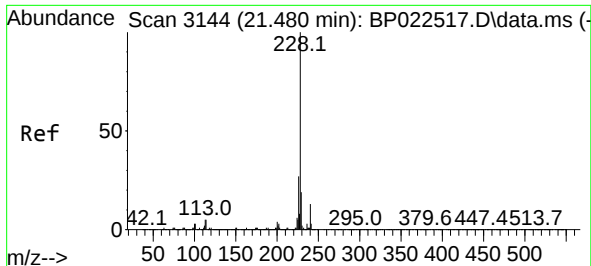
Delta R.T. -0.006 min

Lab File: BP022523.D

Acq: 22 Oct 2024 03:38

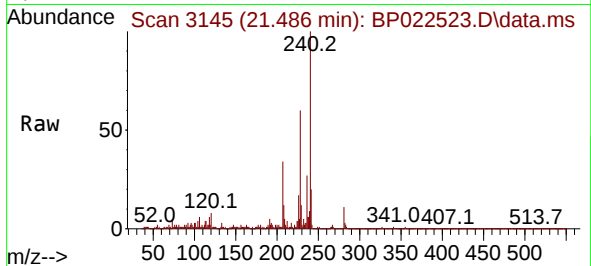
Tgt Ion:	202	Resp:	280837
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.7	10.1
100	7.5	5.8	8.6





#85
Benzo(a)anthracene
Concen: 2.275 ng/ul
RT: 21.486 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

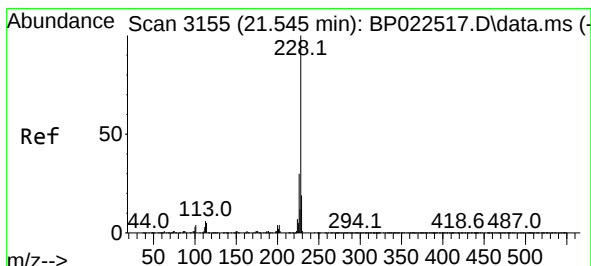
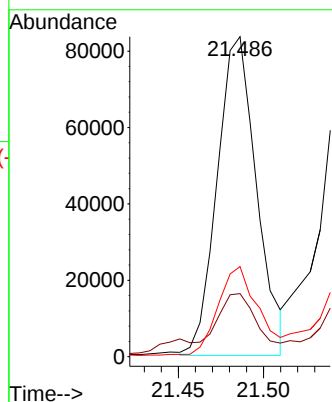
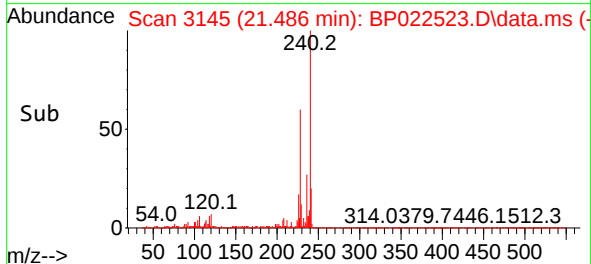
Instrument :
BNA_P
ClientSampleId :
A4FA0



Tgt Ion:228 Resp: 134344
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 28.2 21.5 32.3

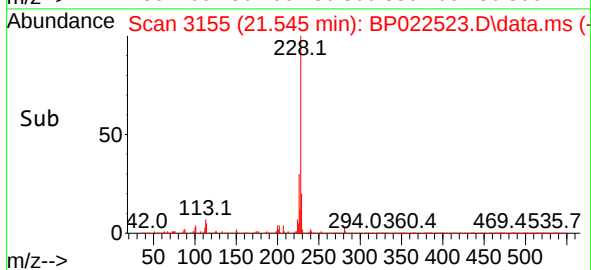
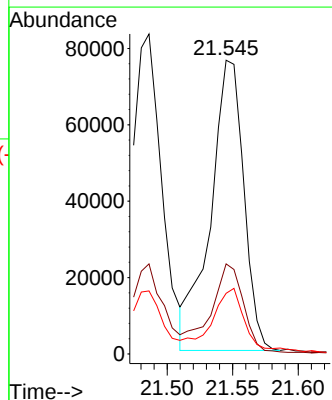
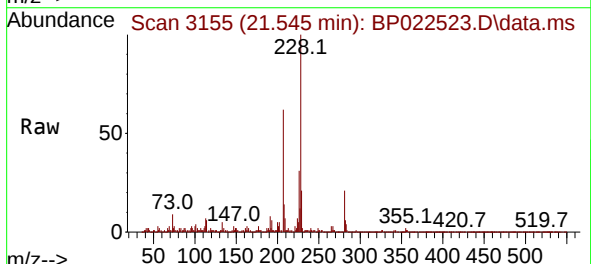
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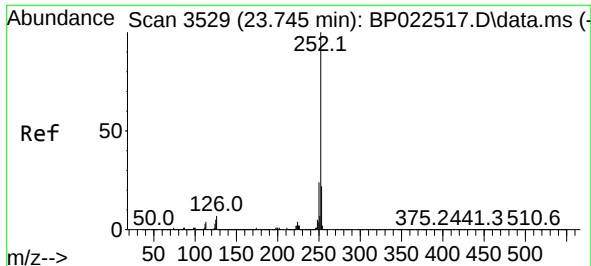
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 2.453 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

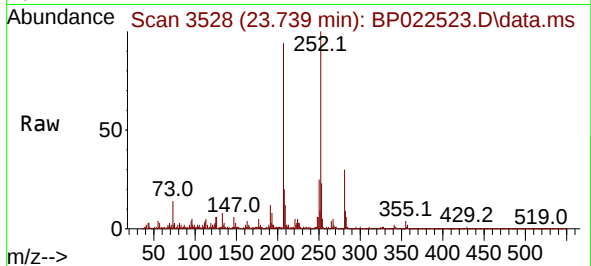
Tgt Ion:228 Resp: 134339
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 20.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.716 ng/u1
RT: 23.739 min Scan# 3529
Delta R.T. 0.018 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

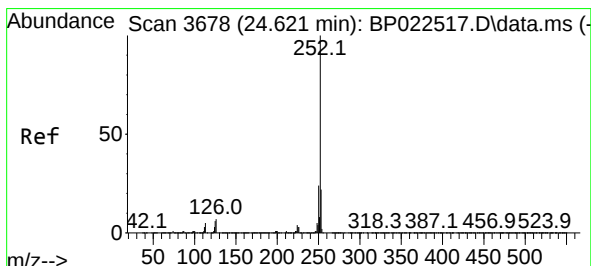
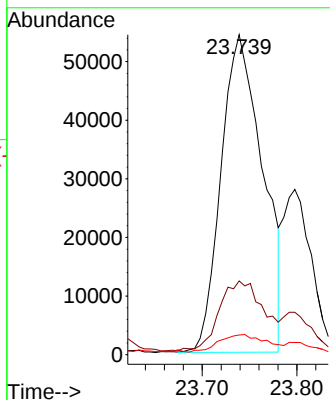
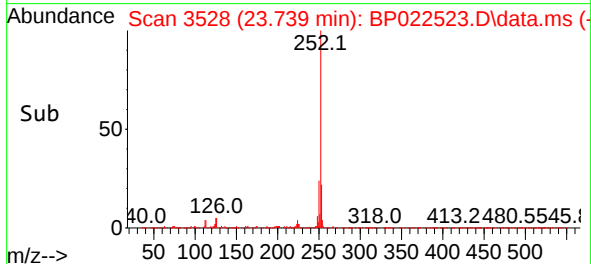
Instrument :
BNA_P
ClientSampleId :
A4FA0



Tgt Ion:252 Resp: 16560
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 6.2 5.0 7.4

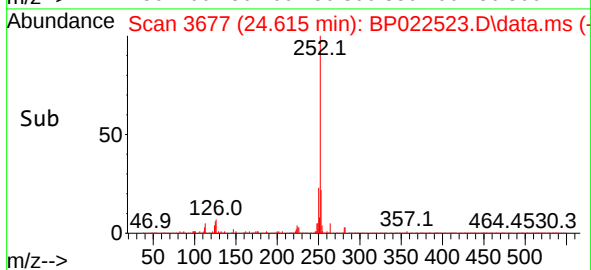
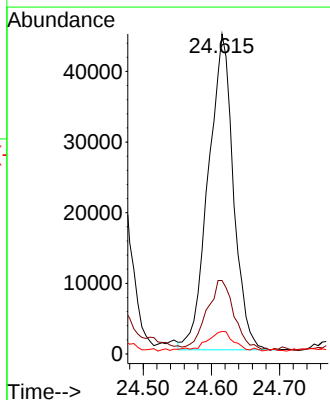
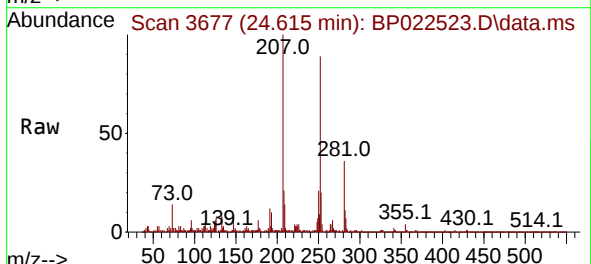
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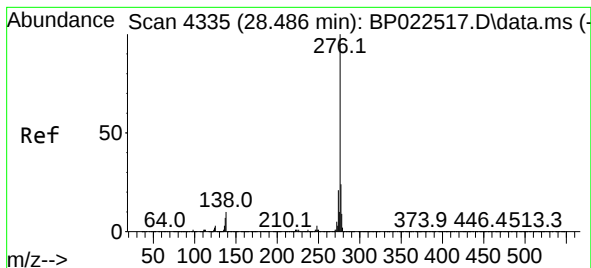
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 2.044 ng/u1
RT: 24.615 min Scan# 3677
Delta R.T. 0.012 min
Lab File: BP022523.D
Acq: 22 Oct 2024 03:38

Tgt Ion:252 Resp: 114681
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 7.1 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.021 ng/ul

RT: 28.468 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP022523.D

Acq: 22 Oct 2024 03:38

Instrument :

BNA_P

ClientSampleId :

A4FA0

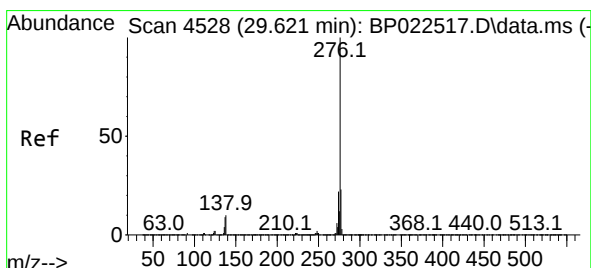
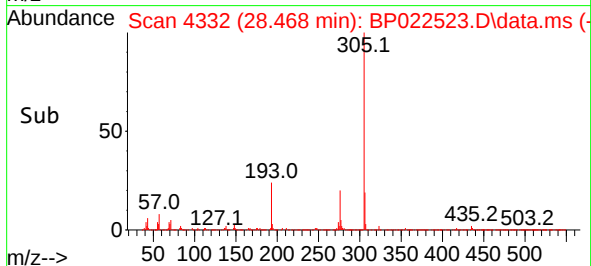
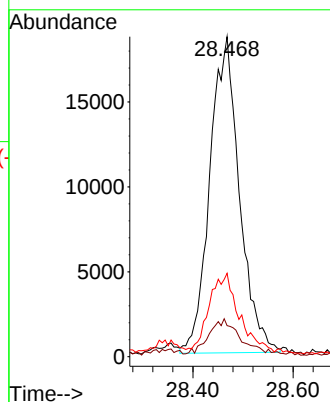
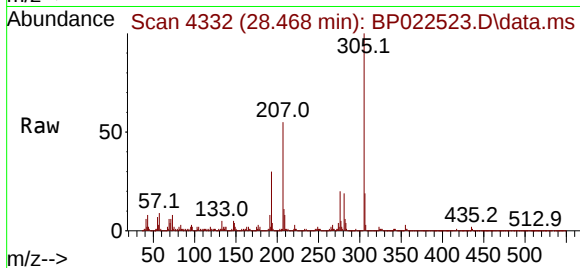
Tgt Ion:	276	Resp:	76450
Ion Ratio	Lower	Upper	
276	100		
138	9.7	9.1	13.7
277	26.1	18.6	27.8

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.183 ng/ul m

RT: 29.615 min Scan# 4527

Delta R.T. 0.041 min

Lab File: BP022523.D

Acq: 22 Oct 2024 03:38

Tgt Ion:	276	Resp:	68876
Ion Ratio	Lower	Upper	
276	100		
138	11.3	8.5	12.7
277	22.8	19.0	28.4

