

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022547.D
 Acq On : 22 Oct 2024 21:51
 Operator : RC/JU
 Sample : P4429-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F93

Manual Integrations
 APPROVED

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

Quant Time: Oct 23 01:59:37 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	7.663	152	142230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	533579	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	409432	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	932619	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	937800	20.000	ng/u1	0.01
88) Perylene-d12	24.774	264	1093396	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5596	1.529	ng/uL	0.00
4) Pyridine-d5	3.628	84	13311	1.325	ng/u1	0.02
7) Phenol-d5	6.852	99	120164	10.037	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	73724	10.477	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	93570	11.014	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	86181	9.020	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	44235	10.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	50609	10.655	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	108817	10.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	77425	6.491	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	359139	11.040	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	368935	10.678	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	36438m	6.677	ng/u1	0.00
60) Fluorene-d10	15.275	176	311429	11.037	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	28068	4.576	ng/u1	0.00
73) Anthracene-d10	17.175	188	519547	11.842	ng/u1	0.00
81) Pyrene-d10	19.557	212	538532	10.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	441883	7.567	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	14278	1.146	ng/u1	95
16) Acetophenone	8.475	105	58012	3.678	ng/u1	94
72) Phenanthrene	17.122	178	242753	4.865	ng/u1	100
74) Anthracene	17.210	178	79560	1.598	ng/u1	99
80) Fluoranthene	19.210	202	604212	10.598	ng/u1	100
82) Pyrene	19.580	202	458440	7.502	ng/u1	99
85) Benzo(a)anthracene	21.486	228	289974	4.411	ng/u1	98
87) Chrysene	21.557	228	270274	4.434	ng/u1	98
90) Benzo(b)fluoranthene	23.745	252	295298	4.291	ng/u1	99
91) Benzo(k)fluoranthene	23.810	252	102455	1.520	ng/u1	97
93) Benzo(a)pyrene	24.621	252	124789	1.970	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.474	276	101187	1.197	ng/u1#	93

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

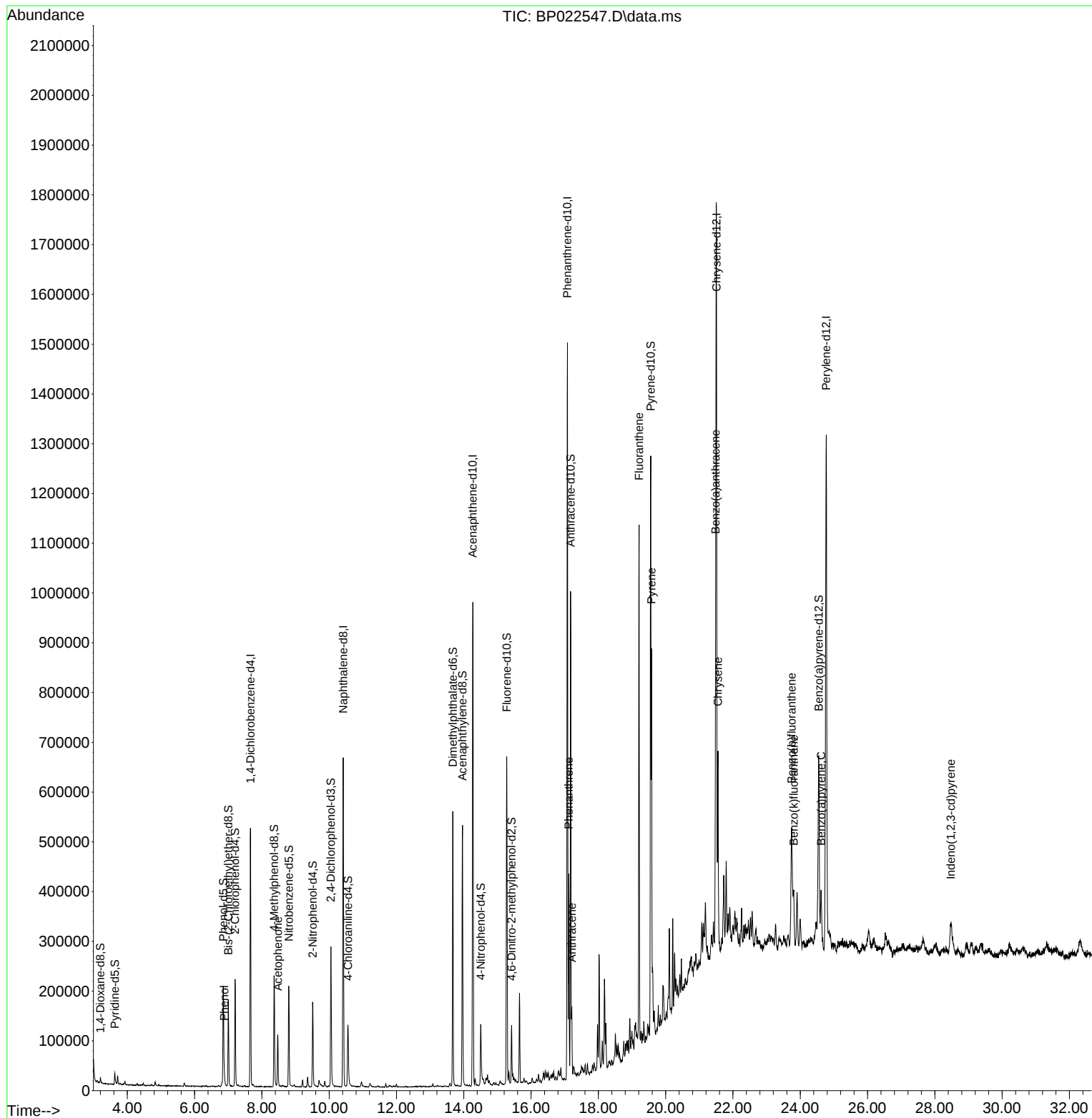
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022547.D
Acq On : 22 Oct 2024 21:51
Operator : RC/JU
Sample : P4429-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

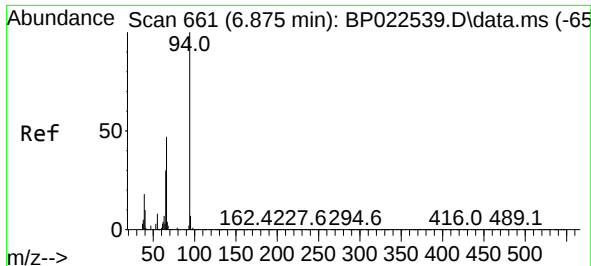
Instrument :
BNA_P
ClientSampleId :
A4F93

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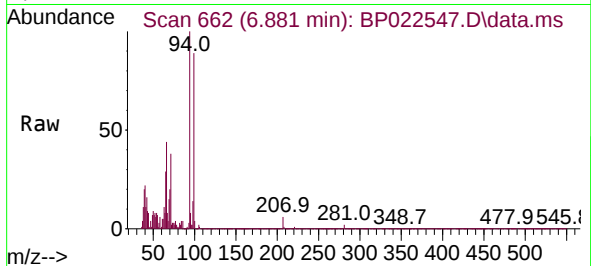
Quant Time: Oct 23 01:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.146 ng/ul
RT: 6.881 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

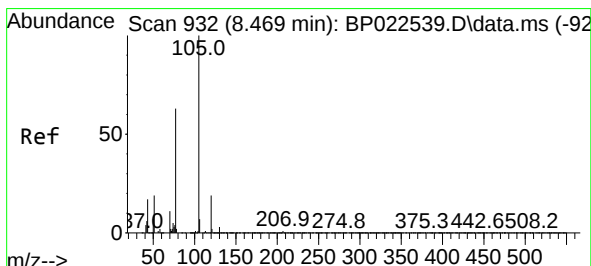
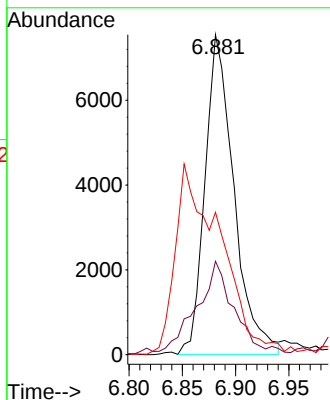
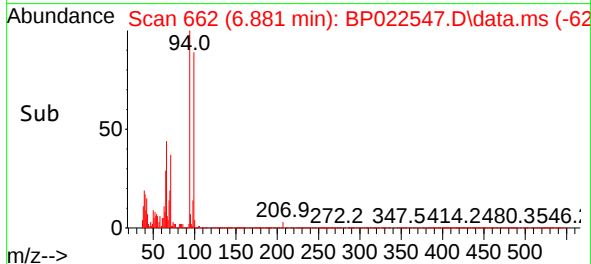
Instrument :
BNA_P
ClientSampleId :
A4F93



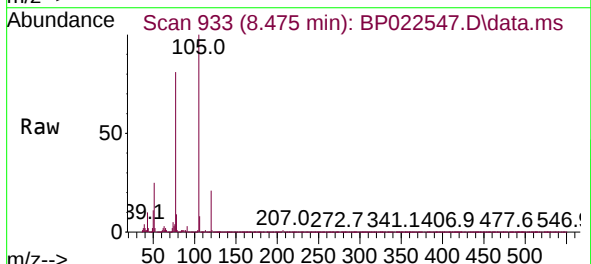
Tgt Ion: 94 Resp: 14278
Ion Ratio Lower Upper
94 100
65 29.2 25.9 38.9
66 44.5 37.6 56.4

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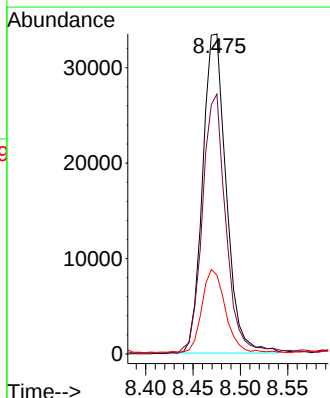
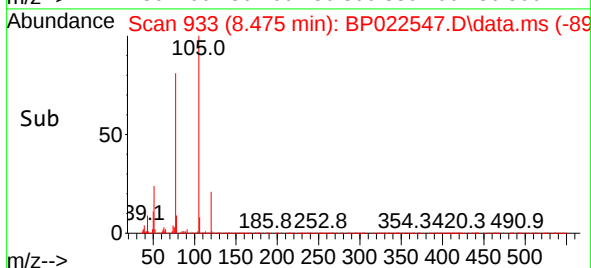
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

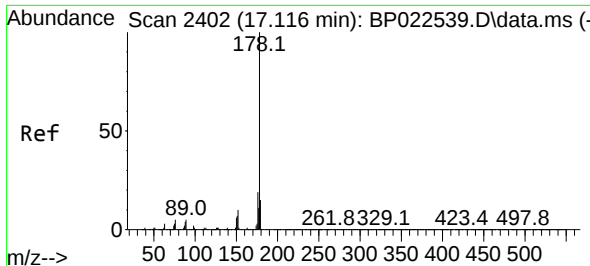


#16
Acetophenone
Concen: 3.678 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51



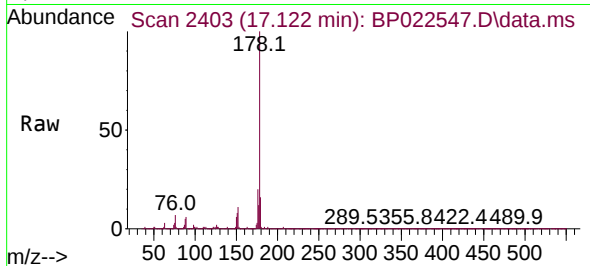
Tgt Ion:105 Resp: 58012
Ion Ratio Lower Upper
105 100
77 81.2 69.0 103.4
51 24.6 22.6 33.8





#72
Phenanthrene
Concen: 4.865 ng/u1
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

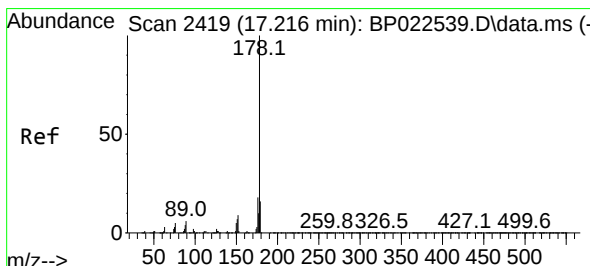
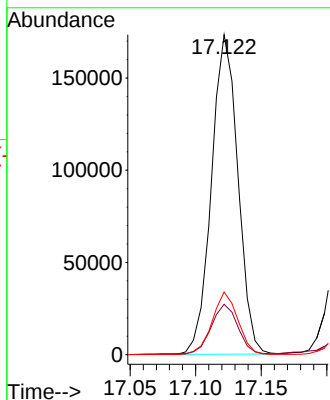
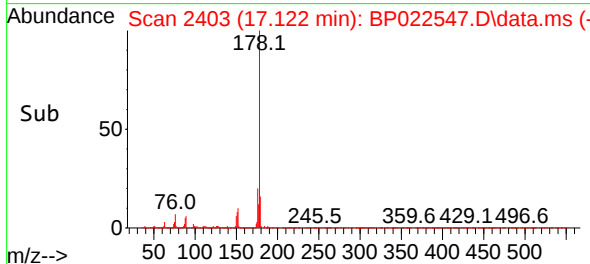
Instrument :
BNA_P
ClientSampleId :
A4F93



Tgt Ion:178 Resp: 24275
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.6 15.7 23.5

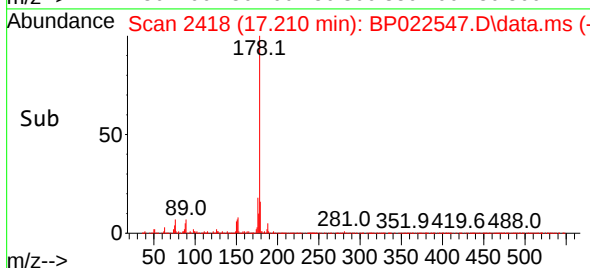
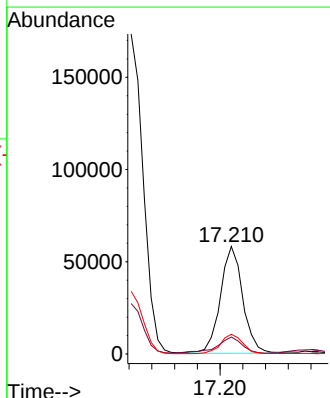
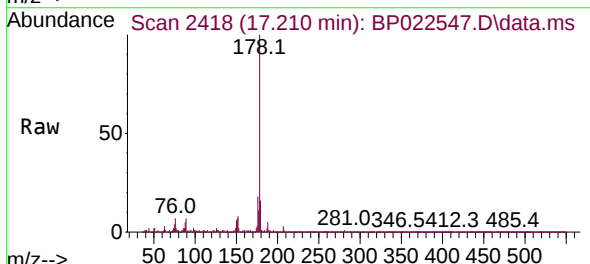
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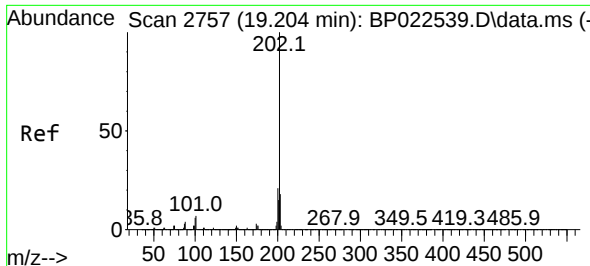
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#74
Anthracene
Concen: 1.598 ng/u1
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

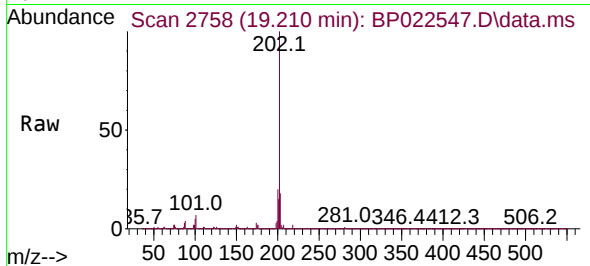
Tgt Ion:178 Resp: 79560
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 18.3 15.0 22.4





#80
Fluoranthene
Concen: 10.598 ng/u1
RT: 19.210 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

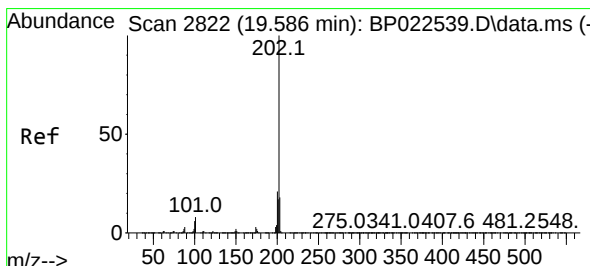
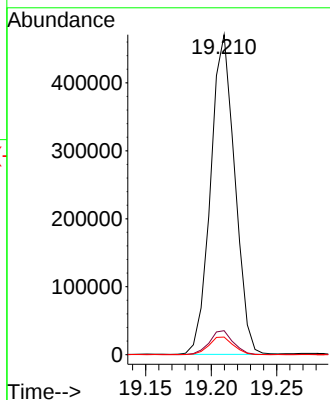
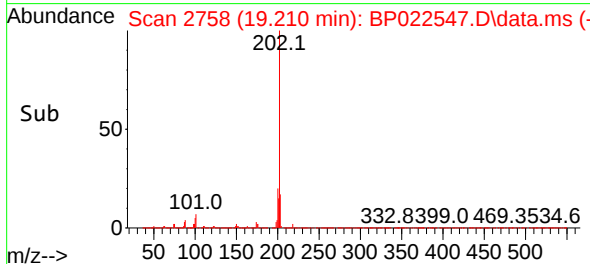
Instrument :
BNA_P
ClientSampleId :
A4F93



Tgt Ion:202 Resp: 60421
Ion Ratio Lower Upper
202 100
101 7.5 5.8 8.8
100 5.5 4.5 6.7

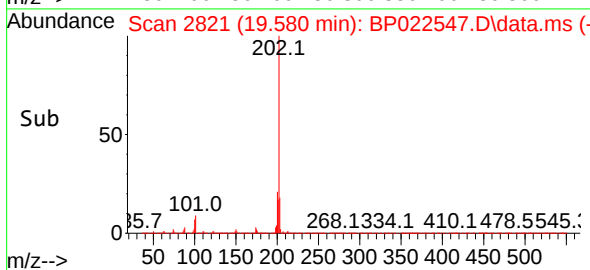
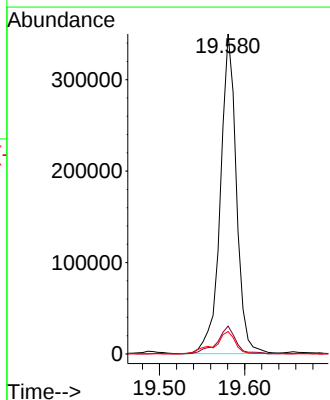
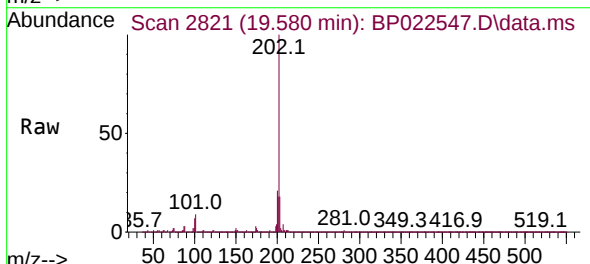
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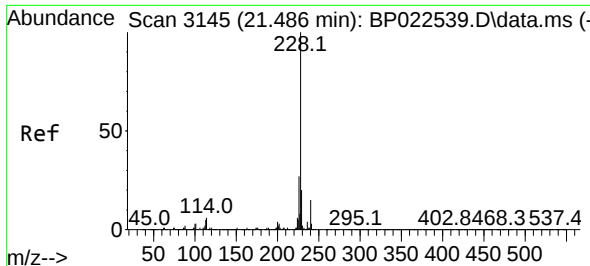
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 7.502 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

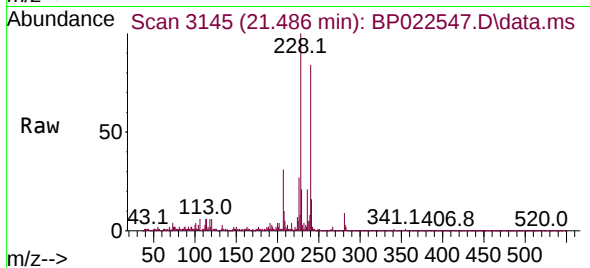
Tgt Ion:202 Resp: 458440
Ion Ratio Lower Upper
202 100
101 8.7 6.7 10.1
100 7.0 5.8 8.6





#85
Benzo(a)anthracene
Concen: 4.411 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

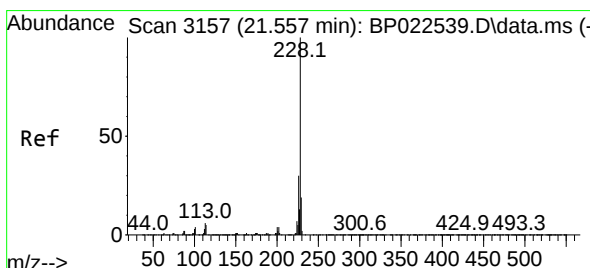
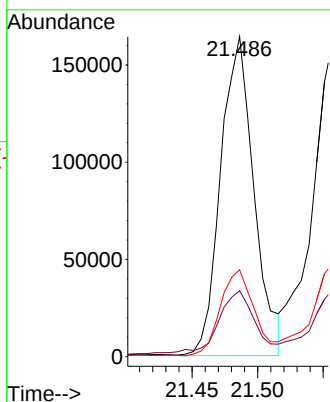
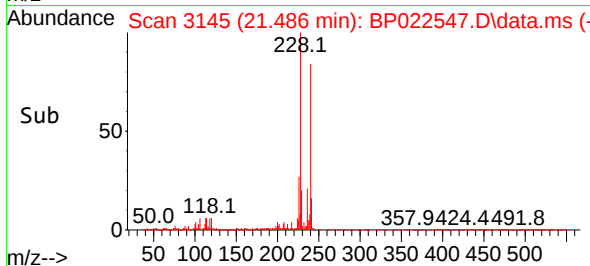
Instrument :
BNA_P
ClientSampleId :
A4F93



Tgt Ion:228 Resp: 289974
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.0
226 27.1 21.5 32.3

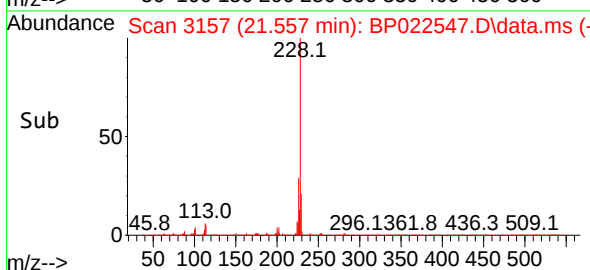
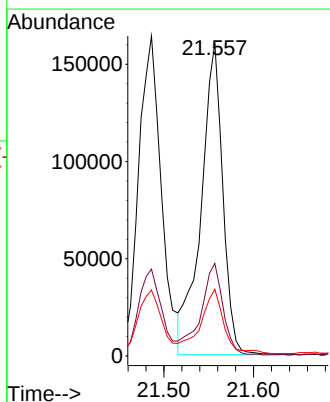
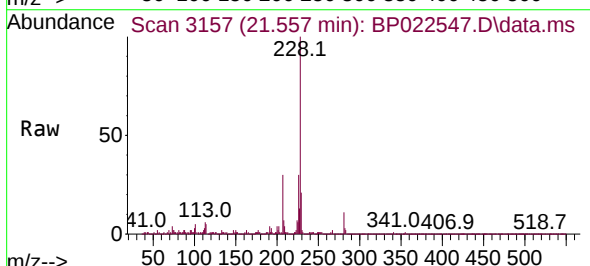
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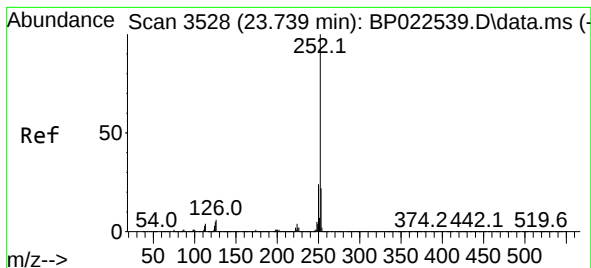
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 4.434 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

Tgt Ion:228 Resp: 270274
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 21.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.291 ng/u1

RT: 23.745 min Scan# 3528

Delta R.T. 0.024 min

Lab File: BP022547.D

Acq: 22 Oct 2024 21:51

Instrument :

BNA_P

ClientSampleId :

A4F93

Tgt Ion:252 Resp: 295298

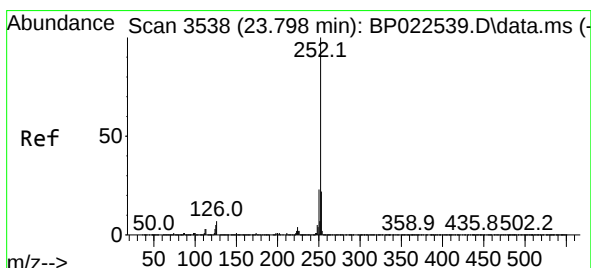
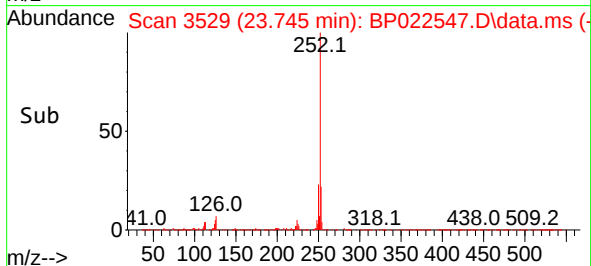
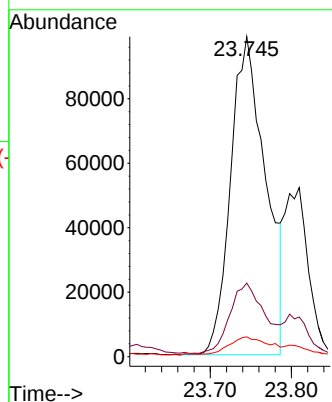
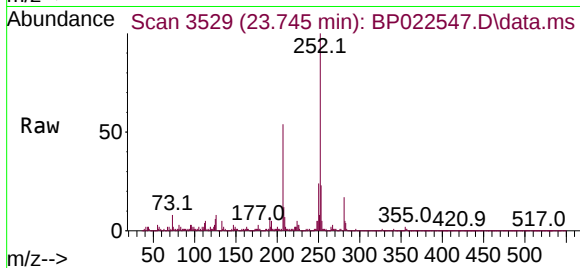
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	6.2	5.0	7.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.520 ng/u1

RT: 23.810 min Scan# 3540

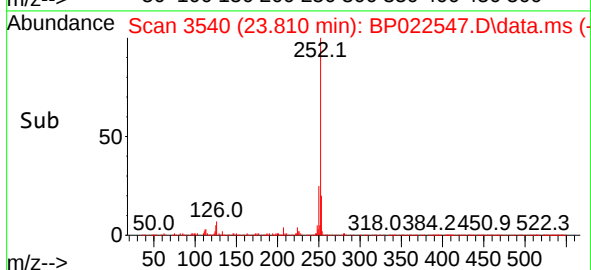
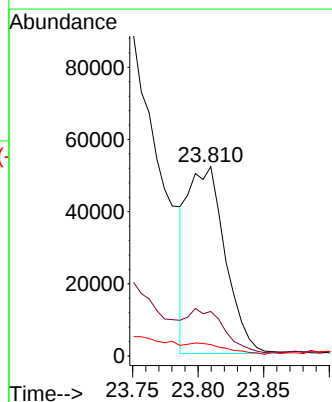
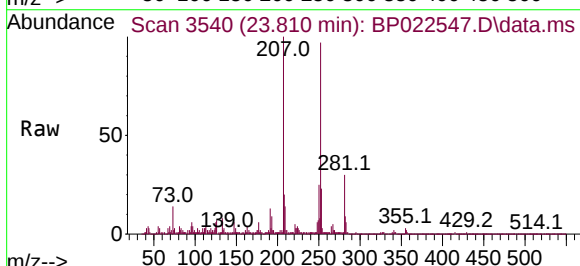
Delta R.T. 0.018 min

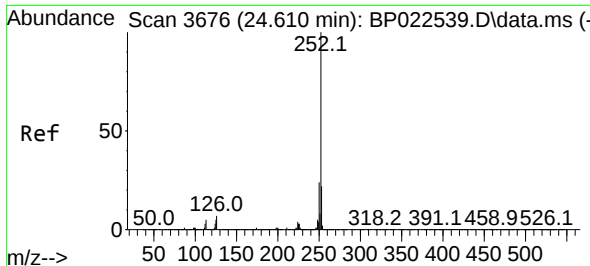
Lab File: BP022547.D

Acq: 22 Oct 2024 21:51

Tgt Ion:252 Resp: 102455

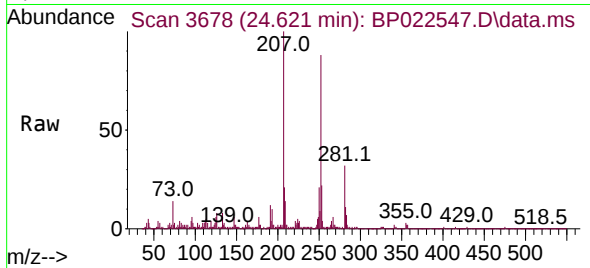
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	6.0	4.6	6.8





#93
Benzo(a)pyrene
Concen: 1.970 ng/ul
RT: 24.621 min Scan# 3678
Delta R.T. 0.018 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51

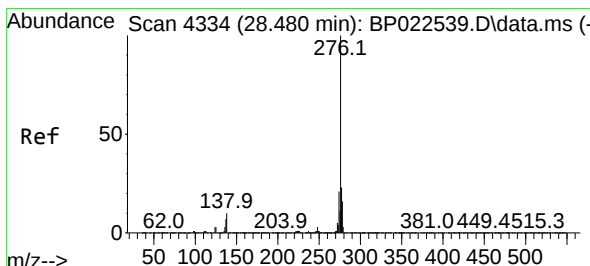
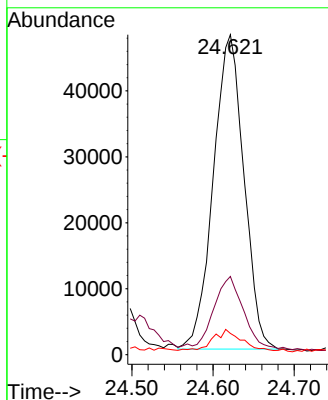
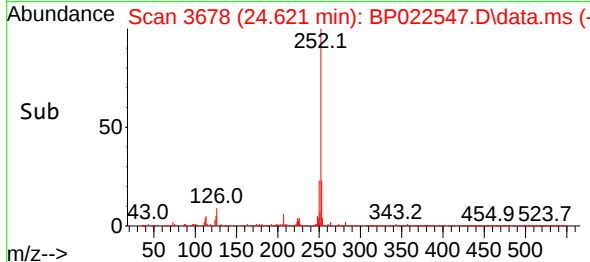
Instrument :
BNA_P
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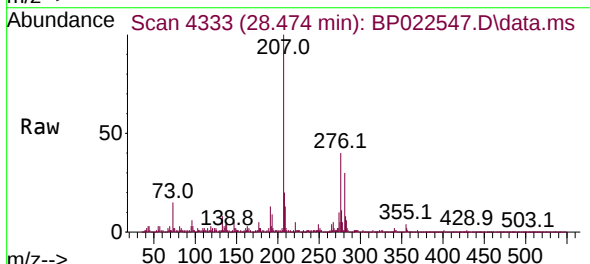
Tgt Ion:252 Resp: 124789
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 6.7 4.9 7.3

Manual Integrations
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Supervised By :mohammad ahmed 10/25/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.197 ng/ul
RT: 28.474 min Scan# 4333
Delta R.T. 0.042 min
Lab File: BP022547.D
Acq: 22 Oct 2024 21:51



Tgt Ion:276 Resp: 101187
Ion Ratio Lower Upper
276 100
138 11.8 9.1 13.7
277 27.9 18.6 27.8#

