

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022560.D
 Acq On : 23 Oct 2024 12:48
 Operator : RC/JU
 Sample : P4361-14RX
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAZ5RX

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 13:31:11 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	105196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	393579	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	297894	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.057	188	701562	20.000	ng/u1	-0.02
79) Chrysene-d12	21.492	240	748231	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	885019	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	3931m	1.452	ng/uL	0.00
4) Pyridine-d5	3.628	84	8017	1.079	ng/u1	0.02
7) Phenol-d5	6.851	99	56911	6.427	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	35757	6.870	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	45275	7.206	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	46157	6.532	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	21120	6.979	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	24954	7.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	50351	6.762	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	50458	5.735	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	180321	7.619	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	184812	7.352	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	16279m	4.100	ng/u1	0.01
60) Fluorene-d10	15.274	176	160603	7.823	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.421	200	14695	3.185	ng/u1	0.00
73) Anthracene-d10	17.163	188	270740	8.203	ng/u1	0.00
81) Pyrene-d10	19.539	212	283355	7.161	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.527	264	240129	5.081	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.475	105	30899	2.648	ng/u1	94
72) Phenanthrene	17.104	178	120954	3.222	ng/u1	100
80) Fluoranthene	19.198	202	224562	4.937	ng/u1	98
82) Pyrene	19.568	202	158902	3.259	ng/u1	100
85) Benzo(a)anthracene	21.474	228	127272	2.426	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.409	149	29106	1.195	ng/u1	99
87) Chrysene	21.539	228	132613	2.727	ng/u1	96
90) Benzo(b)fluoranthene	23.721	252	180955	3.248	ng/u1#	99
91) Benzo(k)fluoranthene	23.786	252	64914m	1.190	ng/u1	
93) Benzo(a)pyrene	24.597	252	69901	1.363	ng/u1	100

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

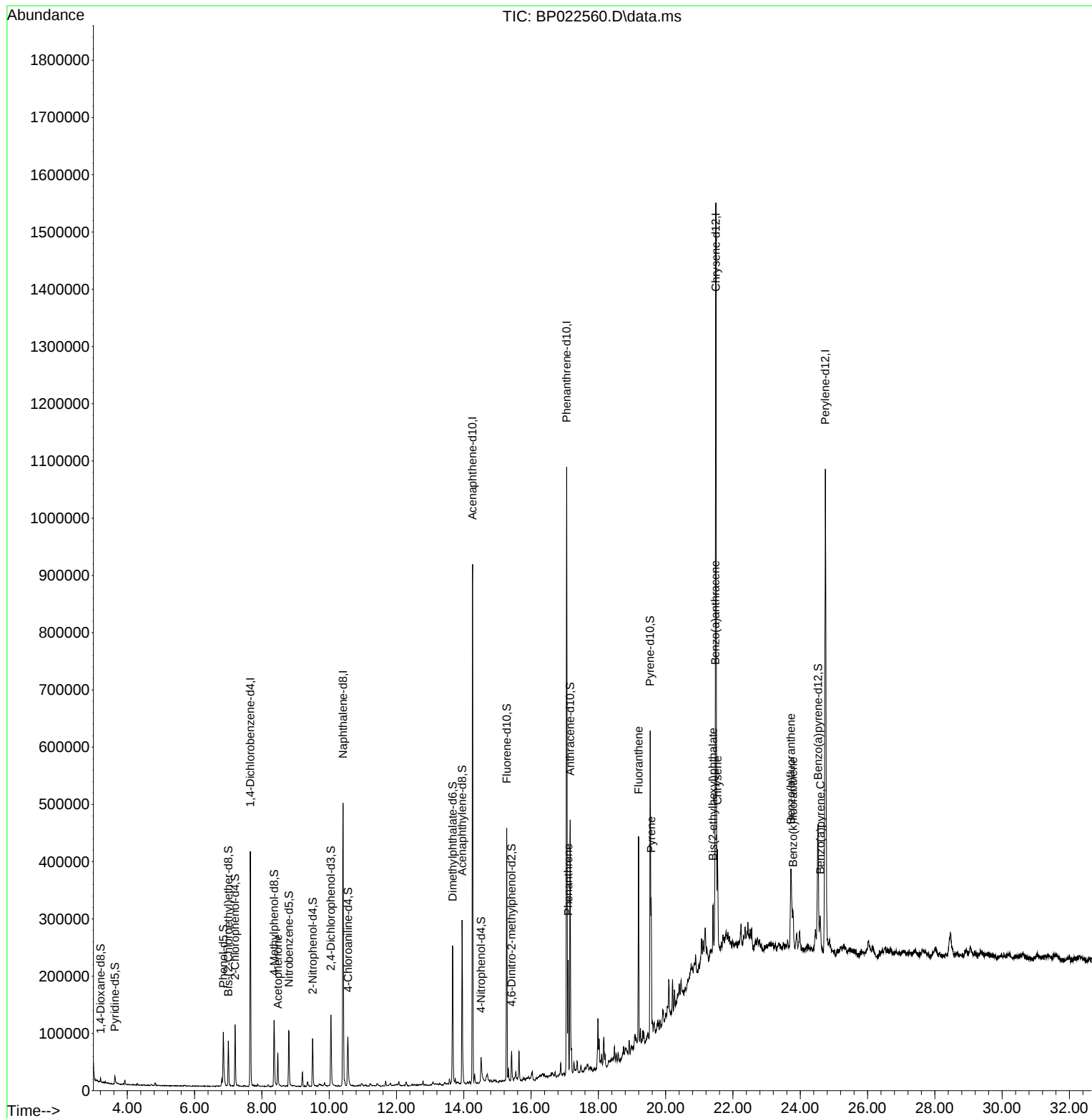
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022560.D
Acq On : 23 Oct 2024 12:48
Operator : RC/JU
Sample : P4361-14RX
Misc :
ALS Vial : 62 Sample Multiplier: 1

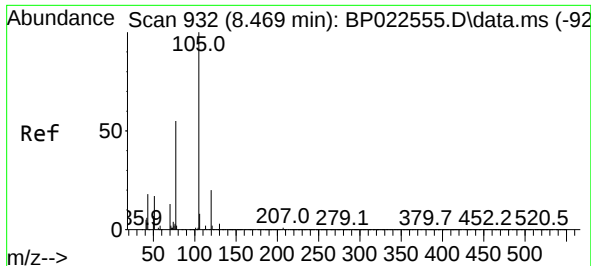
Instrument :
BNA_P
ClientSampleId :
EOAZ5RX

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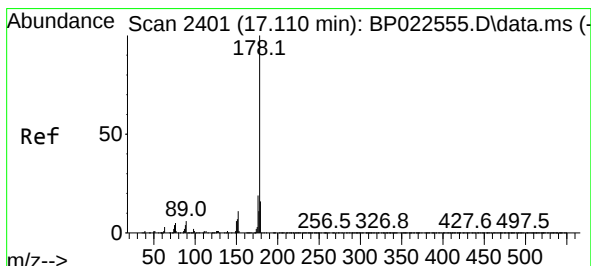
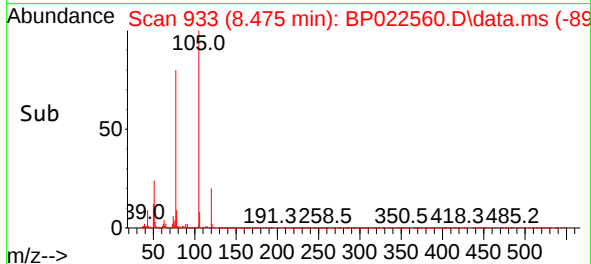
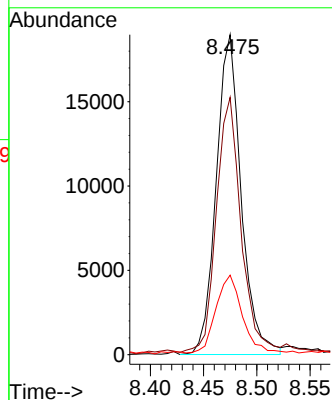
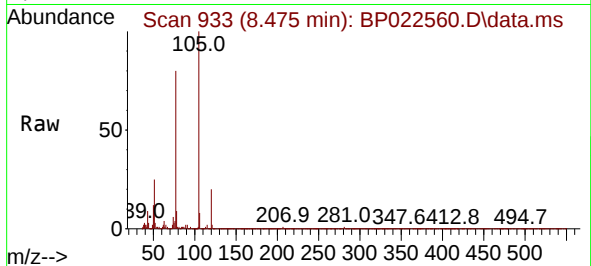
#16
Acetophenone
Concen: 2.648 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

Instrument :
BNA_P
ClientSampleId :
EOAZ5RX

Tgt Ion:105 Resp: 3089
Ion Ratio Lower Upper
105 100
77 80.4 69.0 103.4
51 24.9 22.6 33.8

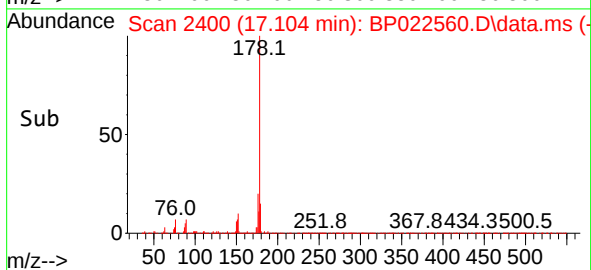
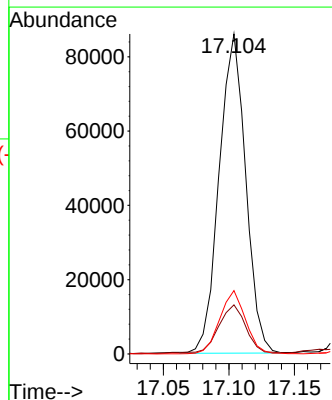
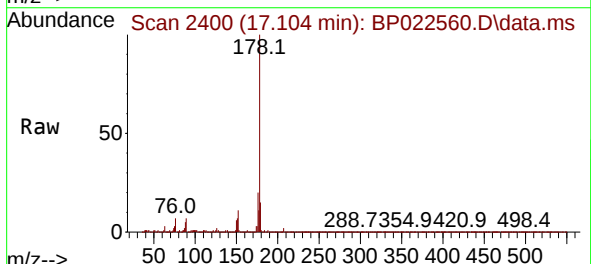
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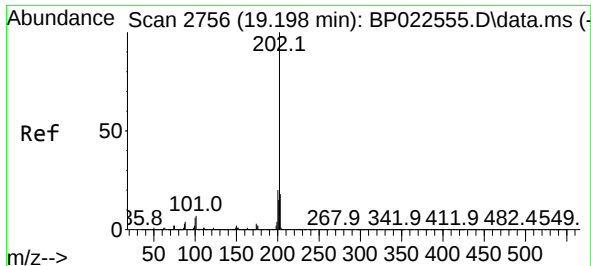
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 3.222 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

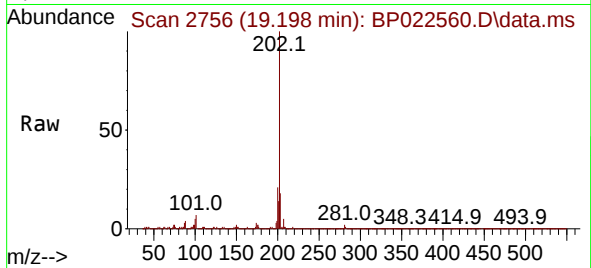
Tgt Ion:178 Resp: 120954
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.8 15.7 23.5





#80
Fluoranthene
Concen: 4.937 ng/u1
RT: 19.198 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

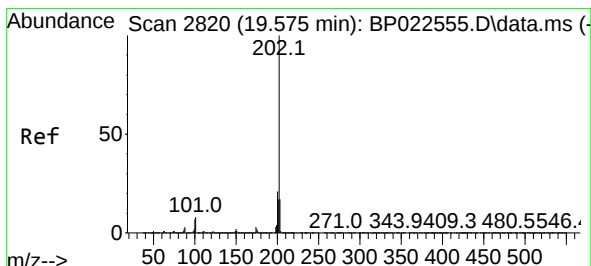
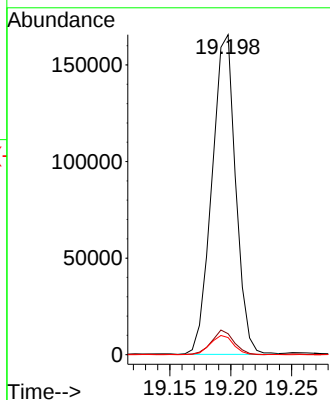
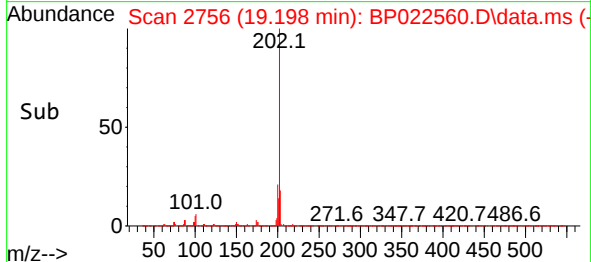
Instrument :
BNA_P
ClientSampleId :
EOAZ5RX



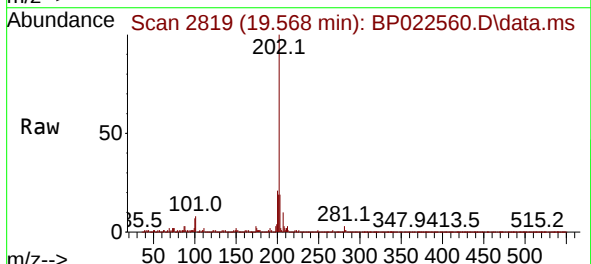
Tgt Ion:202 Resp: 224562
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.8
100 5.4 4.5 6.7

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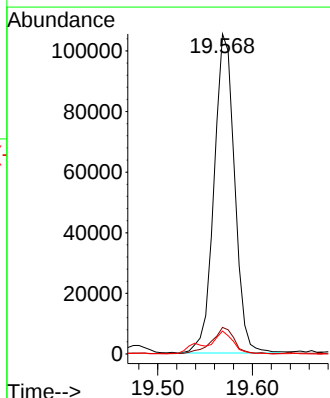
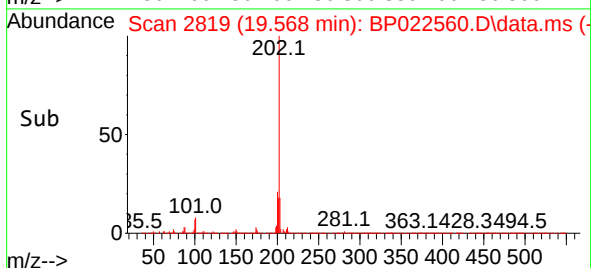
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

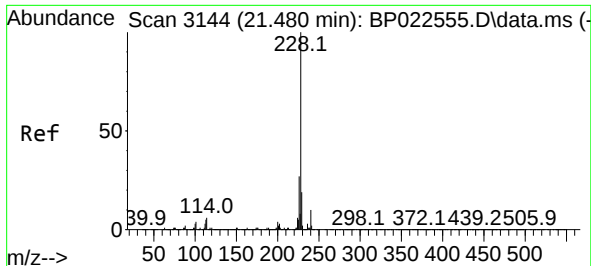


#82
Pyrene
Concen: 3.259 ng/u1
RT: 19.568 min Scan# 2819
Delta R.T. -0.018 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48



Tgt Ion:202 Resp: 158902
Ion Ratio Lower Upper
202 100
101 8.3 6.7 10.1
100 7.1 5.8 8.6





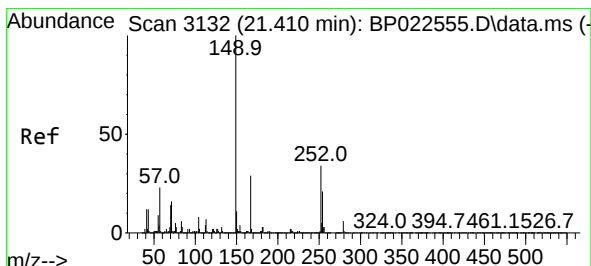
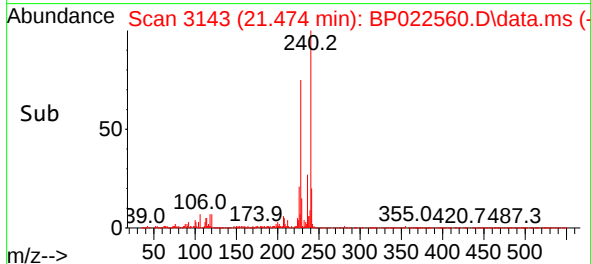
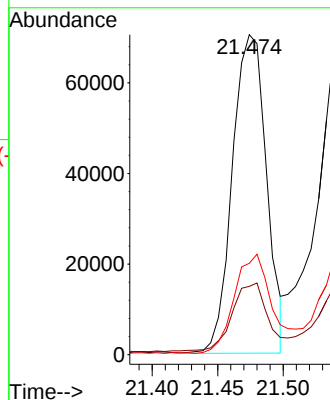
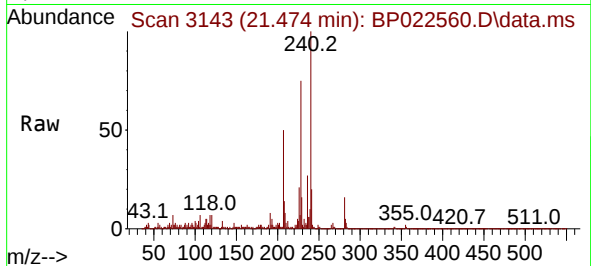
#85
Benzo(a)anthracene
Concen: 2.426 ng/ul
RT: 21.474 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

Instrument :
BNA_P
ClientSampleId :
EOAZ5RX

Tgt Ion:228 Resp: 127272
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.0
226 28.6 21.5 32.3

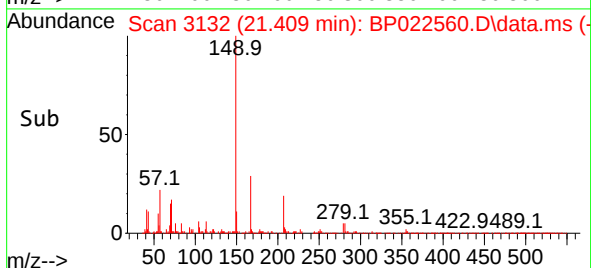
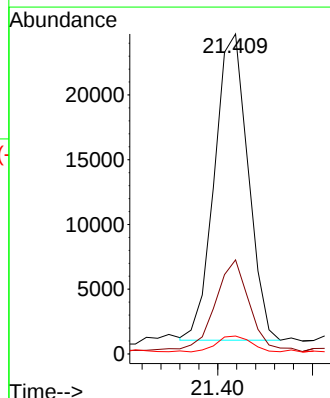
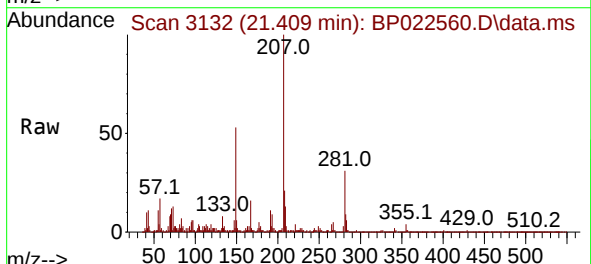
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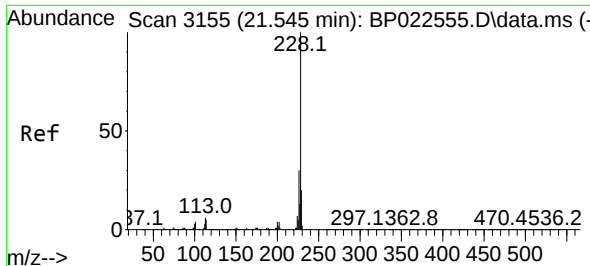
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.195 ng/ul
RT: 21.409 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

Tgt Ion:149 Resp: 29106
Ion Ratio Lower Upper
149 100
167 29.4 23.0 34.4
279 5.6 4.8 7.2





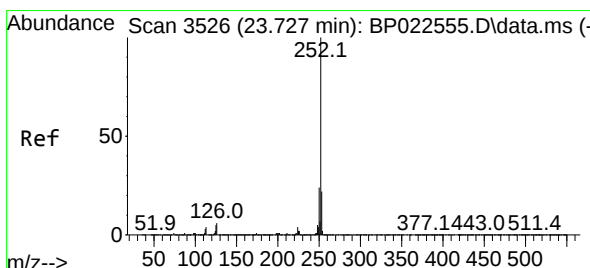
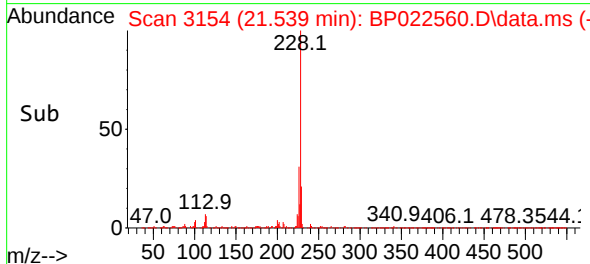
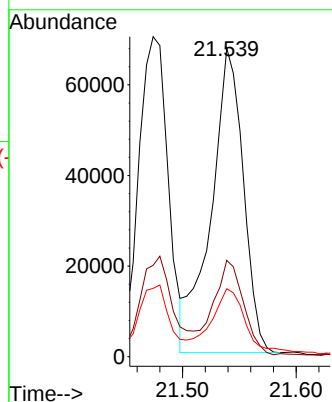
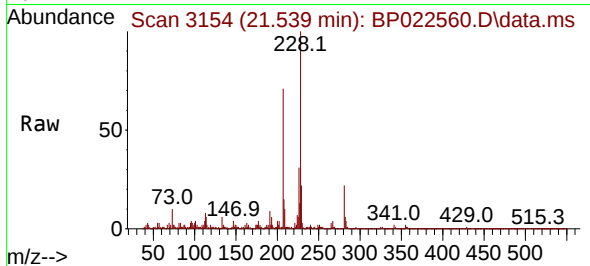
#87
Chrysene
Concen: 2.727 ng/ul
RT: 21.539 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

Instrument :
BNA_P
ClientSampleId :
EOAZ5RX

Tgt Ion:228 Resp: 13261
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.8
229 22.1 15.5 23.3

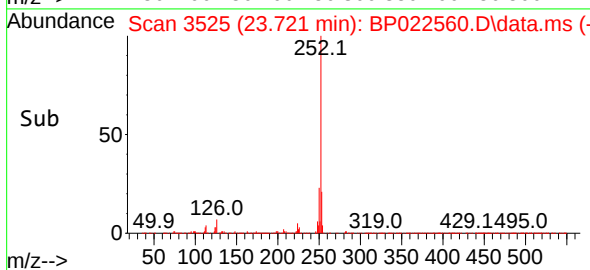
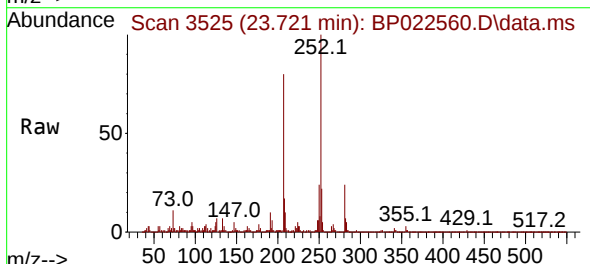
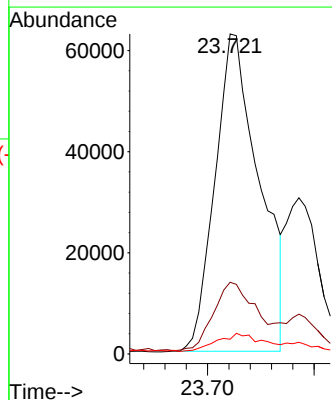
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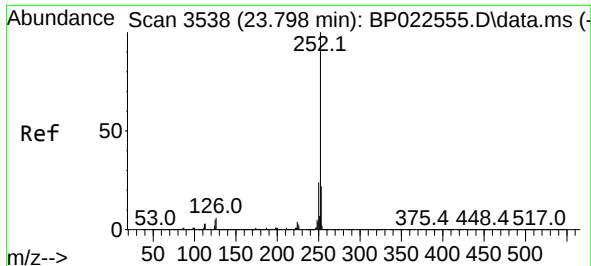
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 3.248 ng/ul
RT: 23.721 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP022560.D
Acq: 23 Oct 2024 12:48

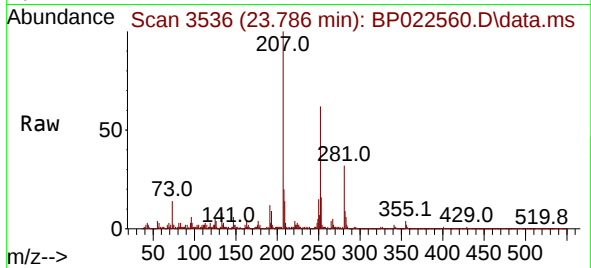
Tgt Ion:252 Resp: 180955
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 4.6 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 1.190 ng/ul m
RT: 23.786 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP022560.D
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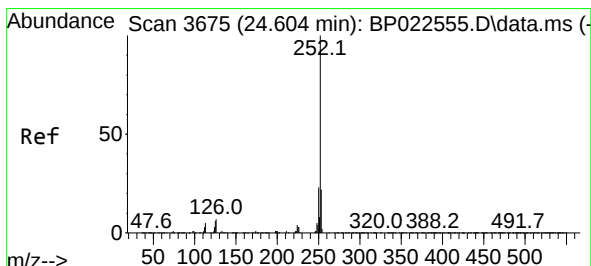
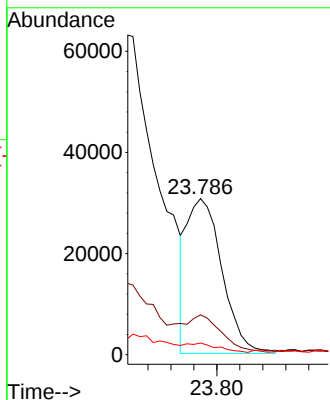
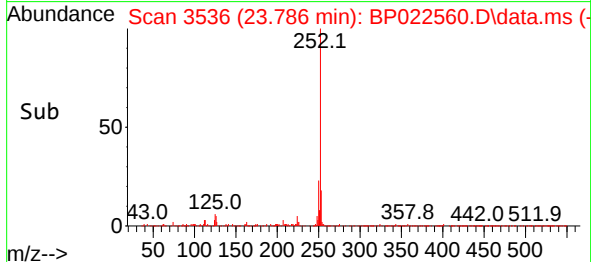
Instrument :
BNA_P
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EOAZ5RX



Tgt Ion:252 Resp: 64914
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 7.4 4.6 6.8

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.363 ng/ul
RT: 24.597 min Scan# 3674
Delta R.T. -0.006 min
Lab File: BP022560.D
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Tgt Ion:252 Resp: 69901
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.0 4.9 7.3

