

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021330.D
 Acq On : 02 Aug 2024 21:40
 Operator : CG/JU
 Sample : P3263-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CK9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:21:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	130030	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.381	136	510182	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	325359	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	721328	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	754766	20.000	ng/u1	0.00
88) Perylene-d12	24.815	264	922956	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	11056	3.869	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.852	99	235180	22.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	142710	22.214	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	199261	22.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	191431	21.742	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	92820	23.424	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	108814	23.992	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.063	165	190375	23.213	ng/u1	0.01
31) 4-Chloroaniline-d4	10.581	131	25434m	2.341	ng/u1	0.02
46) Dimethylphthalate-d6	13.675	166	602356	25.468	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	694533	26.152	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.622	143	83579m	24.837	ng/u1	0.04
60) Fluorene-d10	15.275	176	542300	27.948	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	68300	15.649	ng/u1	0.00
73) Anthracene-d10	17.186	188	838634	26.176	ng/u1	0.00
81) Pyrene-d10	19.575	212	965846	20.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	837791	18.405	ng/u1	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.811	77	14789	2.767	ng/u1	96
50) Acenaphthylene	13.981	152	30271	1.007	ng/u1	99
72) Phenanthrene	17.122	178	317776	8.492	ng/u1	99
74) Anthracene	17.222	178	69427	1.820	ng/u1	98
80) Fluoranthene	19.222	202	684573	12.148	ng/u1	99
82) Pyrene	19.598	202	511268	8.916	ng/u1	98
85) Benzo(a)anthracene	21.510	228	364731	6.898	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	63496	1.847	ng/u1#	96
87) Chrysene	21.574	228	400844	8.159	ng/u1	96
90) Benzo(b)fluoranthene	23.768	252	577312	10.307	ng/u1#	95
91) Benzo(k)fluoranthene	23.833	252	173148m	3.098	ng/u1	
93) Benzo(a)pyrene	24.657	252	203419	3.843	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.574	276	204835m	3.003	ng/u1	
95) Dibenzo(a,h)anthracene	28.598	278	78517m	1.390	ng/u1	

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

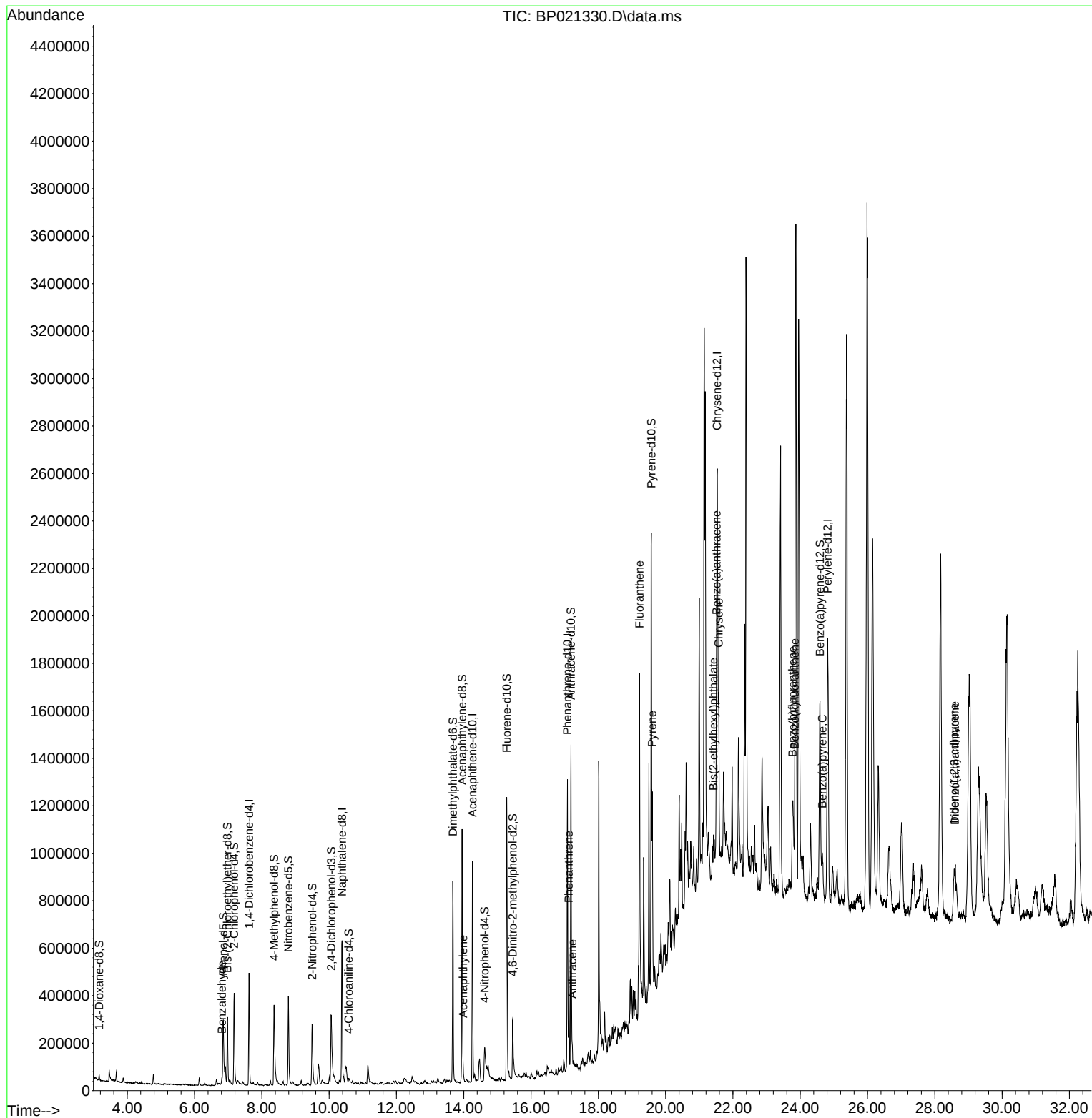
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021330.D
Acq On : 02 Aug 2024 21:40
Operator : CG/JU
Sample : P3263-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

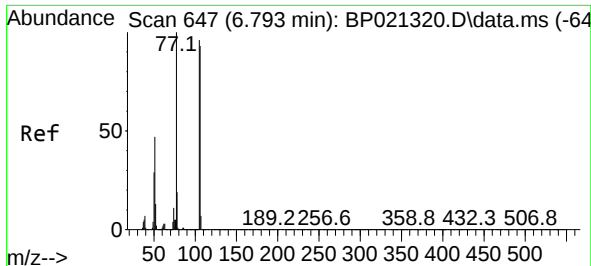
Instrument :
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ClientSampleId :
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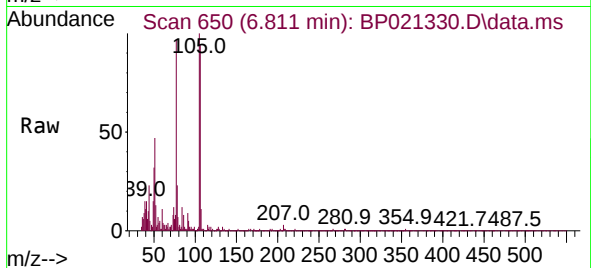
Quant Time: Aug 02 23:21:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 2.767 ng/ul
RT: 6.811 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021330.D
Acq: 02 Aug 2024 21:40

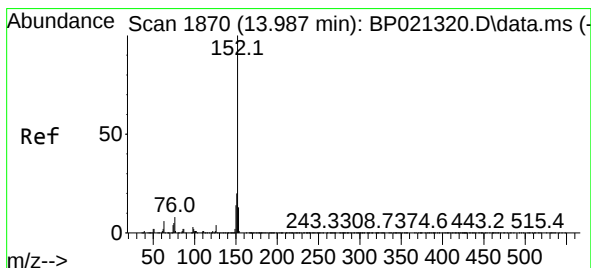
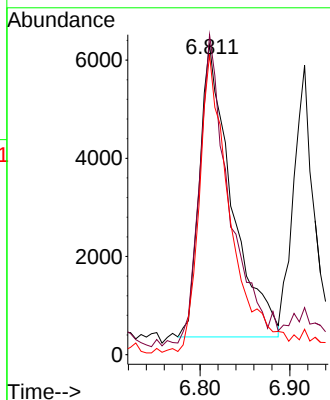
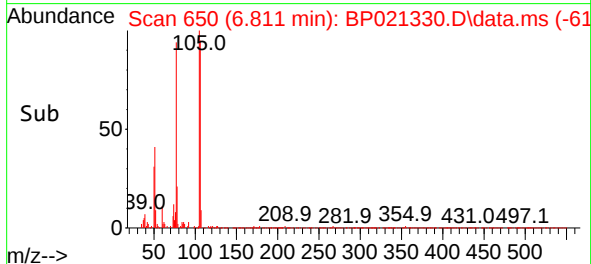
Instrument :
BNA_P
ClientSampleId :
A4CK9



Tgt Ion: 77 Resp: 14789
Ion Ratio Lower Upper
77 100
105 103.1 79.3 118.9
106 96.7 74.6 112.0

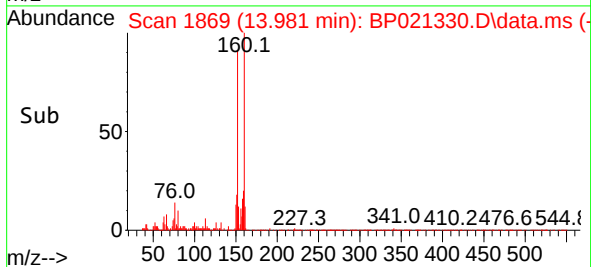
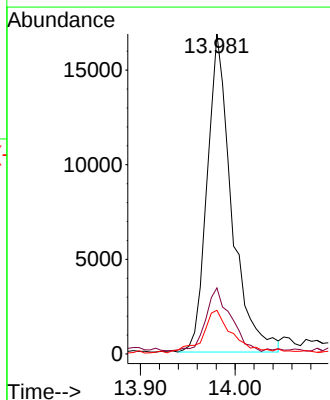
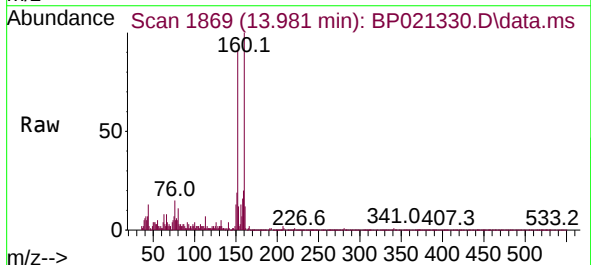
Manual Integrations
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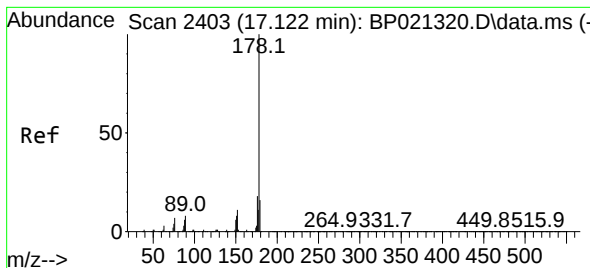
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#50
Acenaphthylene
Concen: 1.007 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021330.D
Acq: 02 Aug 2024 21:40

Tgt Ion:152 Resp: 30271
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.6 10.3 15.5





#72

Phenanthrene

Concen: 8.492 ng/ul

RT: 17.122 min Scan# 2403

Delta R.T. -0.011 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Instrument :

BNA_P

ClientSampleId :

A4CK9

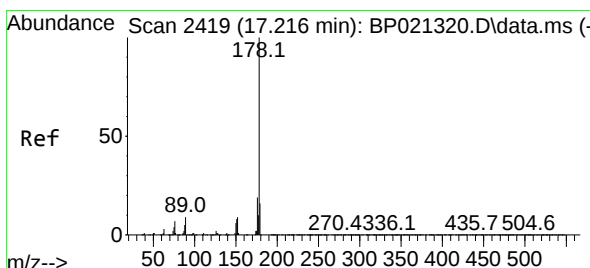
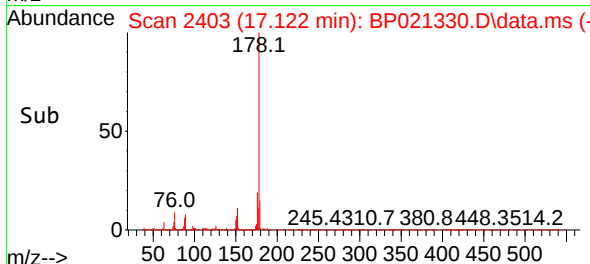
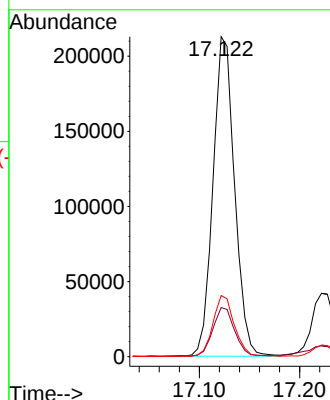
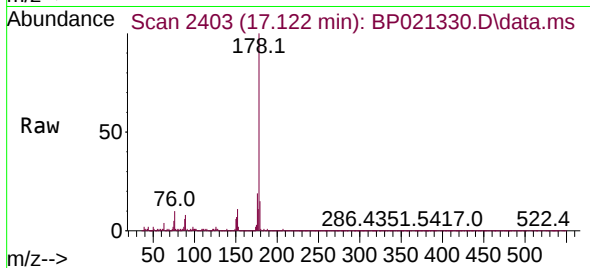
Tgt Ion:178	Resp:	317770
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.2 18.4
176	19.1	15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 1.820 ng/ul

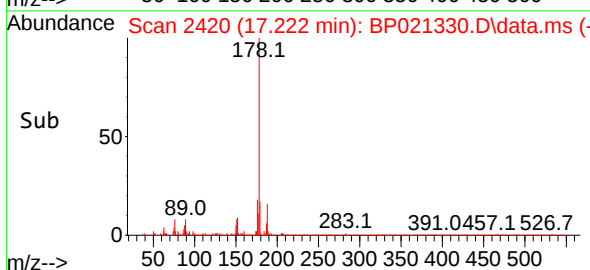
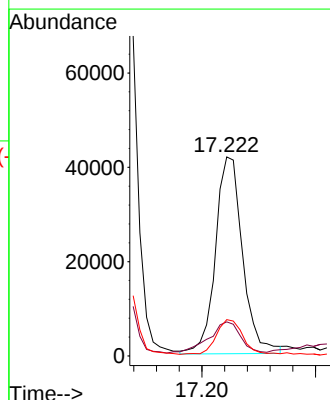
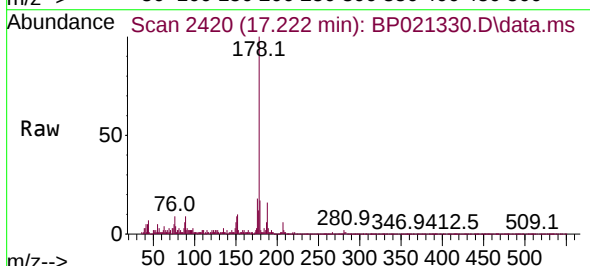
RT: 17.222 min Scan# 2420

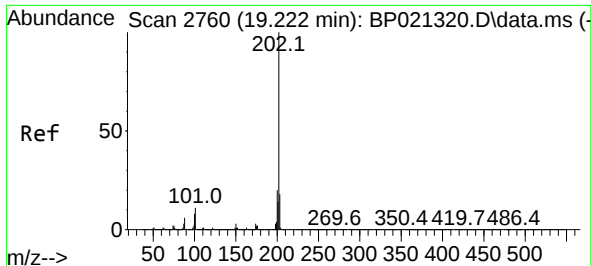
Delta R.T. -0.011 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

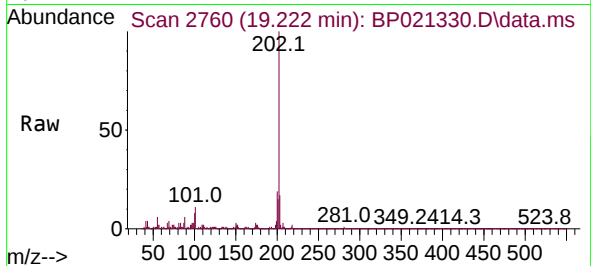
Tgt Ion:178	Resp:	69427
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.5 18.7
176	18.3	14.8 22.2





#80
Fluoranthene
Concen: 12.148 ng/u1
RT: 19.222 min Scan# 2760
Delta R.T. -0.011 min
Lab File: BP021330.D
Acq: 02 Aug 2024 21:40

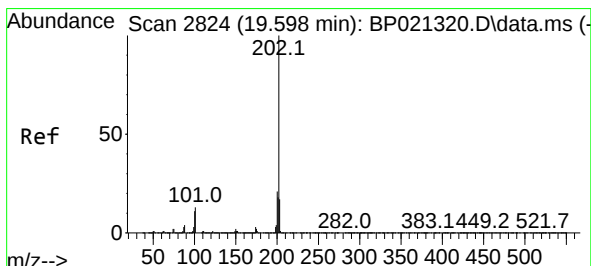
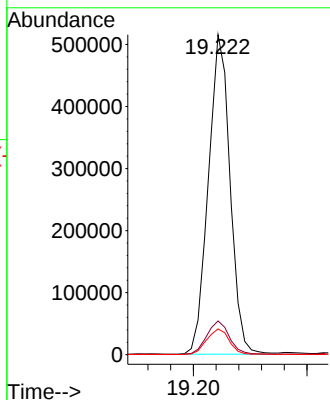
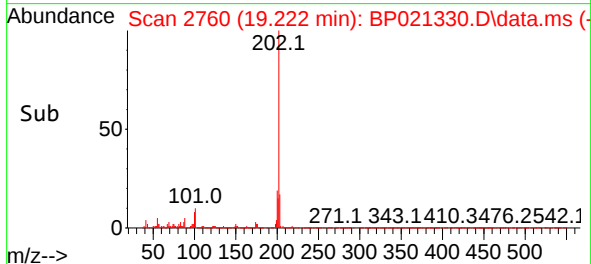
Instrument :
BNA_P
ClientSampleId :
A4CK9



Tgt Ion:202 Resp: 68457
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 8.1 6.1 9.1

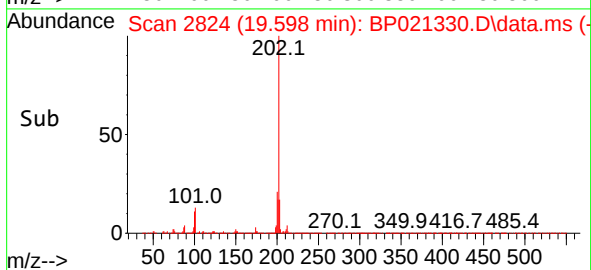
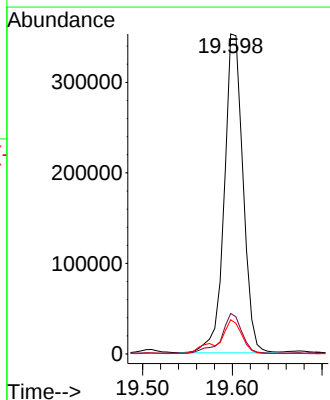
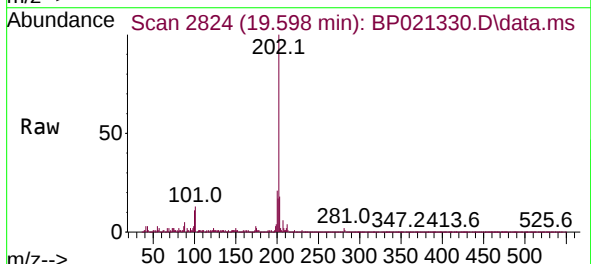
Manual Integrations
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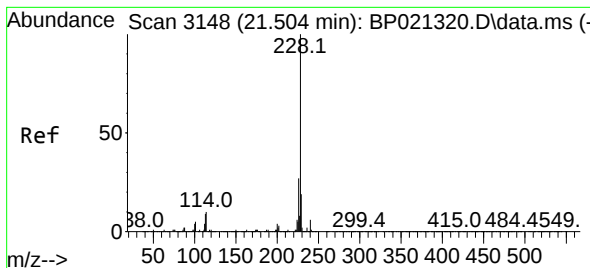
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#82
Pyrene
Concen: 8.916 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. -0.011 min
Lab File: BP021330.D
Acq: 02 Aug 2024 21:40

Tgt Ion:202 Resp: 511268
Ion Ratio Lower Upper
202 100
101 12.7 9.4 14.2
100 10.7 7.8 11.6





#85

Benzo(a)anthracene

Concen: 6.898 ng/ul

RT: 21.510 min Scan# 3148

Delta R.T. 0.000 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Instrument :

BNA_P

ClientSampleId :

A4CK9

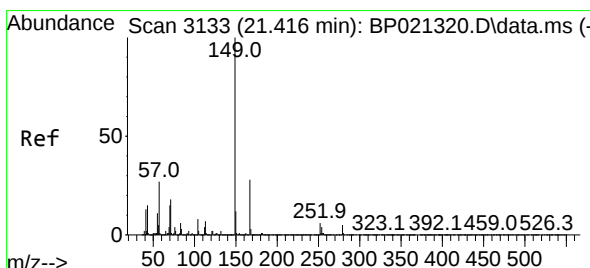
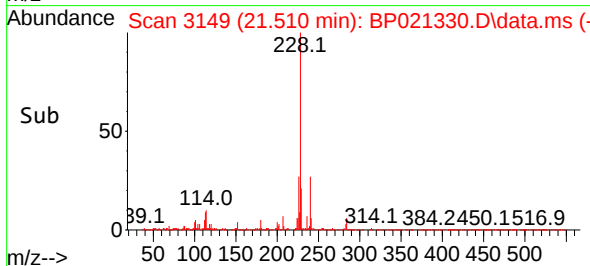
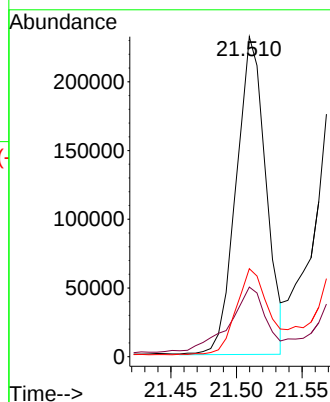
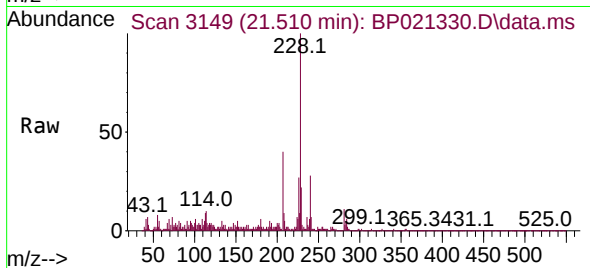
Tgt Ion:228 Resp: 364731
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.5 23.3
 226 27.5 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.847 ng/ul

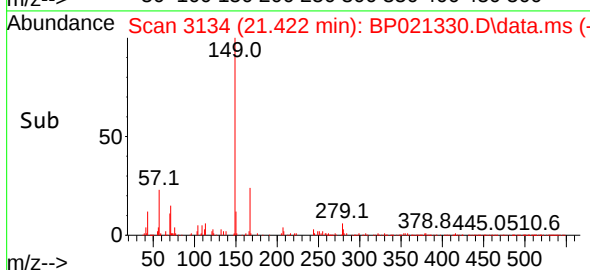
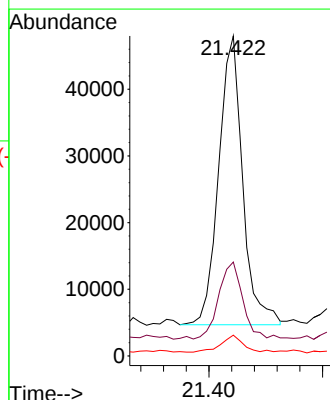
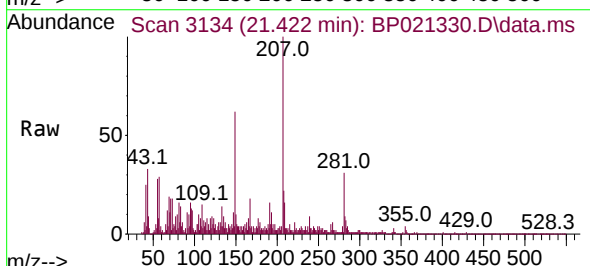
RT: 21.422 min Scan# 3134

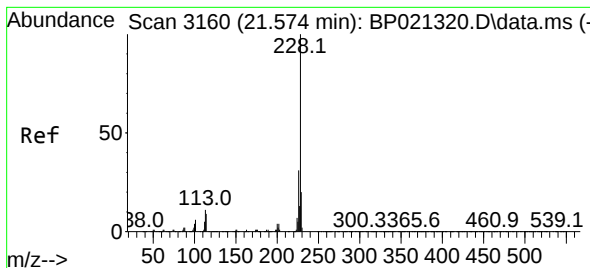
Delta R.T. 0.000 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Tgt Ion:149 Resp: 63496
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.1 33.1
 279 6.5 3.7 5.5





#87

Chrysene

Concen: 8.159 ng/ul

RT: 21.574 min Scan# 3160

Delta R.T. -0.011 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Instrument :

BNA_P

ClientSampleId :

A4CK9

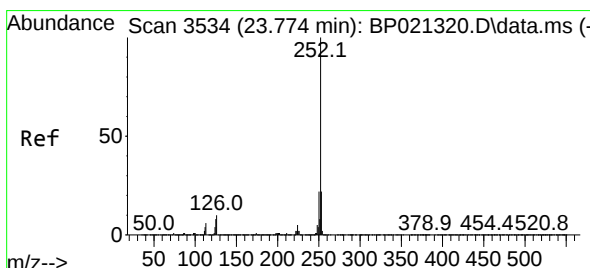
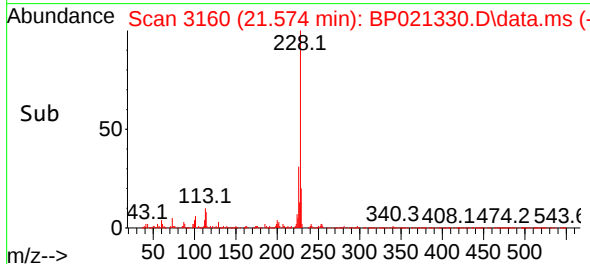
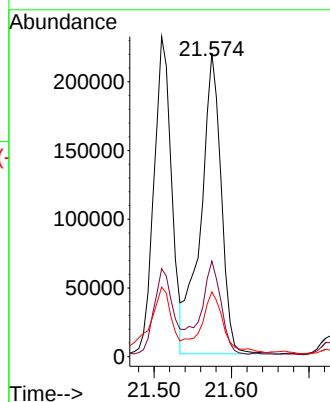
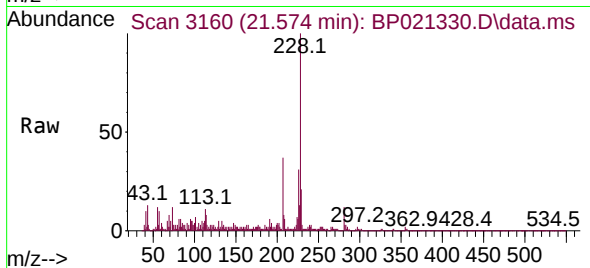
Tgt Ion:	228	Resp:	40084
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.6	35.4
229	21.3	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#90

Benzo(b)fluoranthene

Concen: 10.307 ng/ul

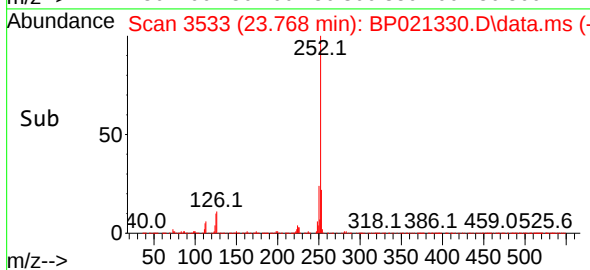
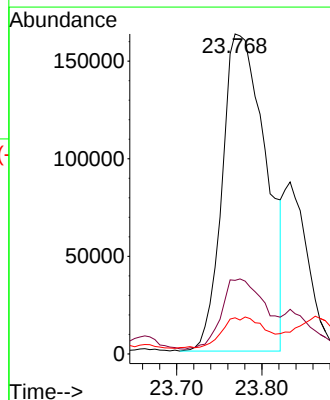
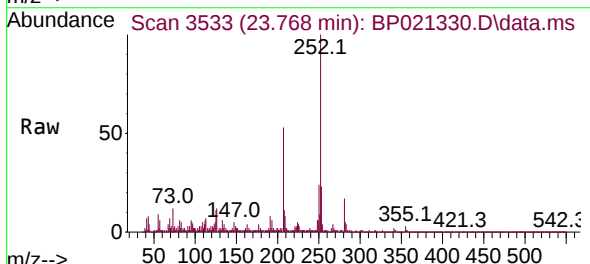
RT: 23.768 min Scan# 3533

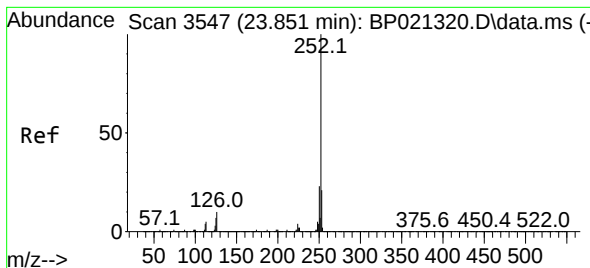
Delta R.T. -0.017 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Tgt Ion:	252	Resp:	577312
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	11.3	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 3.098 ng/ul m

RT: 23.833 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Instrument :

BNA_P

ClientSampleId :

A4CK9

Tgt Ion:252 Resp: 17314

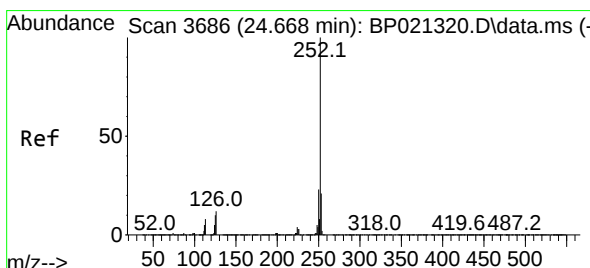
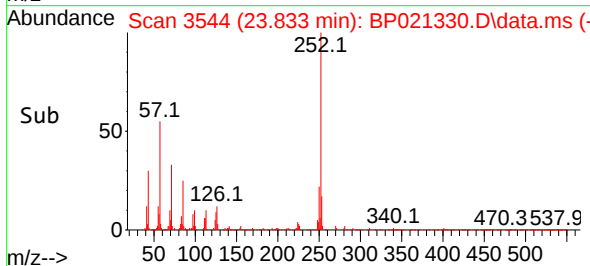
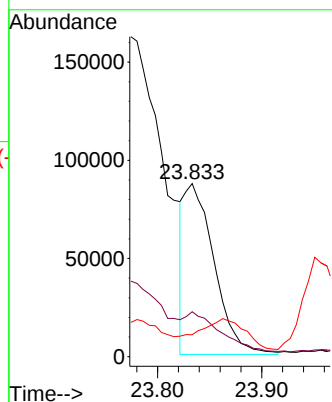
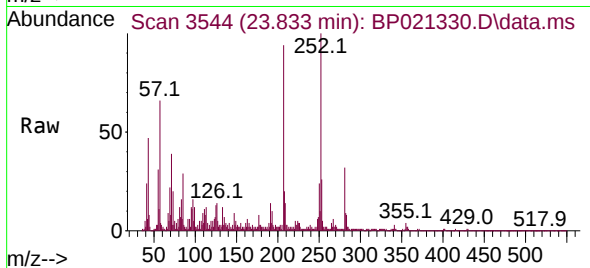
Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	12.7	7.4	11.0

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#93

Benzo(a)pyrene

Concen: 3.843 ng/ul

RT: 24.657 min Scan# 3684

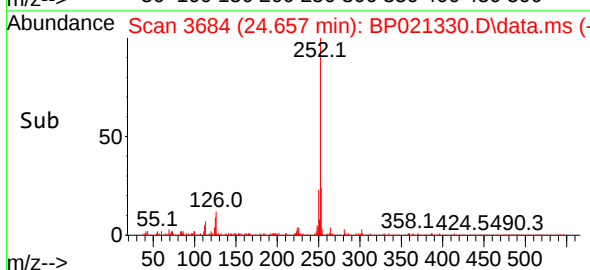
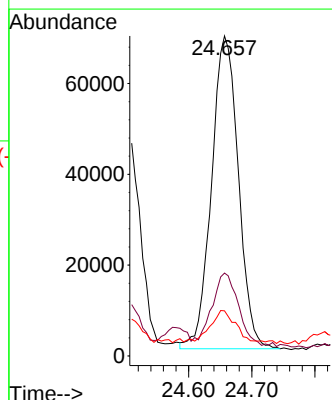
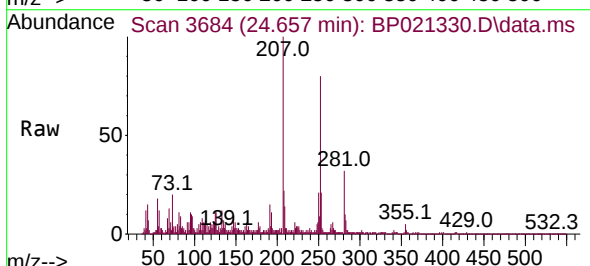
Delta R.T. -0.023 min

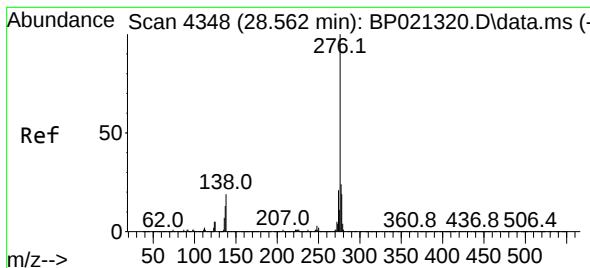
Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Tgt Ion:252 Resp: 203419

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	14.1	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.003 ng/ul m

RT: 28.574 min Scan# 4350

Delta R.T. -0.023 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Instrument :

BNA_P

ClientSampleId :

A4CK9

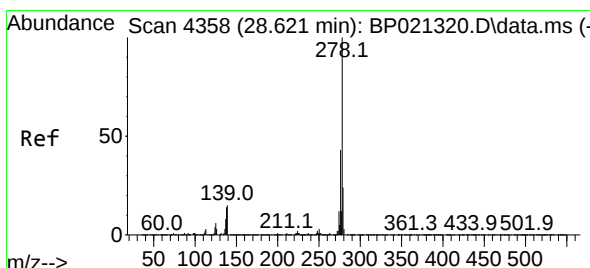
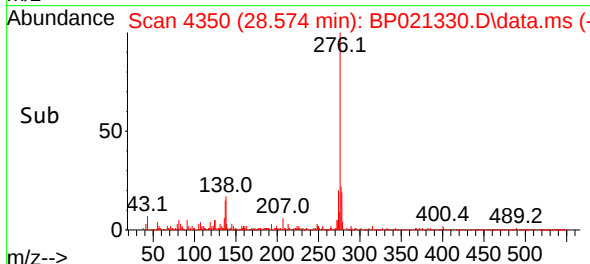
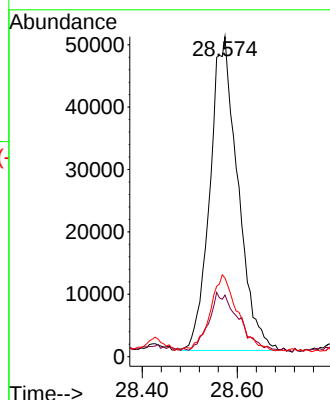
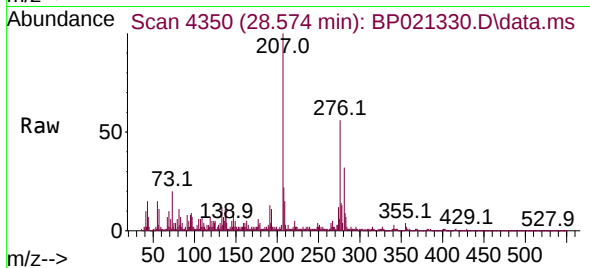
Tgt Ion:	276	Resp:	20483
Ion Ratio	Lower	Upper	
276	100		
138	19.2	14.3	21.5
277	24.6	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.390 ng/ul m

RT: 28.598 min Scan# 4354

Delta R.T. -0.041 min

Lab File: BP021330.D

Acq: 02 Aug 2024 21:40

Tgt Ion:	278	Resp:	78517
Ion Ratio	Lower	Upper	
278	100		
139	21.6	10.9	16.3#
279	29.6	19.4	29.0#

