

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020820.D
 Acq On : 06 Jul 2024 14:46
 Operator : MA/JU
 Sample : P3010-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:22:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	218887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	876668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	575449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1220572	20.000	ng/u1	0.01
79) Chrysene-d12	21.628	240	1154837	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1350022	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14810	2.905	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.922	99	328513	18.299	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	196715	17.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	279595	19.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	246375	16.897	ng/u1	0.01
21) Nitrobenzene-d5	8.881	128	134896	20.842	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	153836	23.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	271465	20.347	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	186530	9.976	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	860605	21.510	ng/u1	0.01
49) Acenaphthylene-d8	14.046	160	962034	20.151	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	114483	18.727	ng/u1	0.04
60) Fluorene-d10	15.375	176	727026	21.594	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	90946	14.786	ng/u1	0.02
73) Anthracene-d10	17.281	188	1177146	21.489	ng/u1	0.02
81) Pyrene-d10	19.657	212	1241137	17.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	960710	14.629	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.216	178	306362	4.793	ng/u1	98
74) Anthracene	17.316	178	67632	1.029	ng/u1	96
80) Fluoranthene	19.310	202	728995	8.602	ng/u1	98
82) Pyrene	19.692	202	531136	6.111	ng/u1	99
85) Benzo(a)anthracene	21.610	228	331503	4.095	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.528	149	184079	3.674	ng/u1#	99
87) Chrysene	21.675	228	360662	4.714	ng/u1	96
90) Benzo(b)fluoranthene	23.916	252	532623	6.512	ng/u1	99
91) Benzo(k)fluoranthene	23.974	252	167236m	2.021	ng/u1	
93) Benzo(a)pyrene	24.816	252	184497	2.390	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.780	276	188261	1.901	ng/u1	97

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

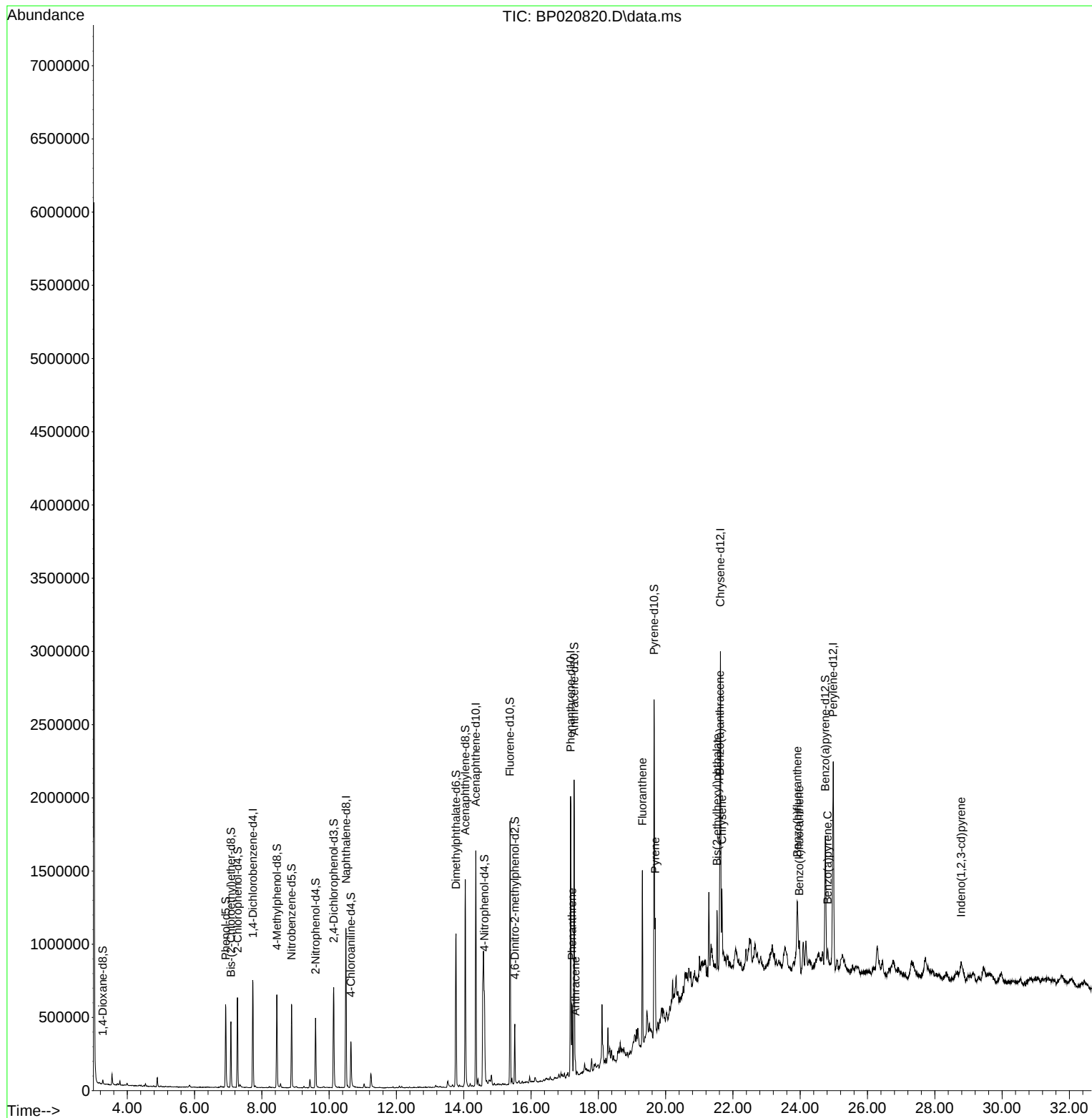
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020820.D
Acq On : 06 Jul 2024 14:46
Operator : MA/JU
Sample : P3010-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

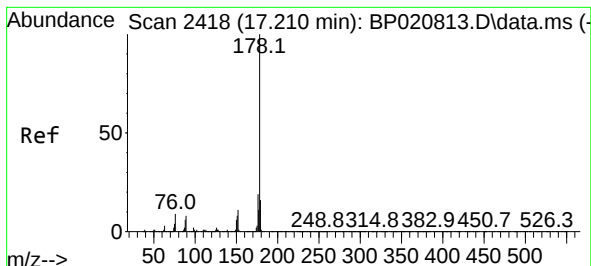
Instrument :
BNA_P
ClientSampleId :
A4CW0

Quant Time: Jul 07 23:22:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

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#72

Phenanthrene

Concen: 4.793 ng/ul

RT: 17.216 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

Tgt Ion:178 Resp: 30636

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

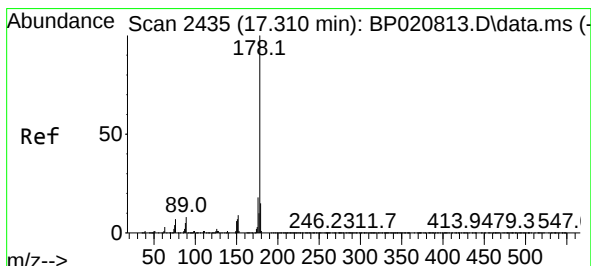
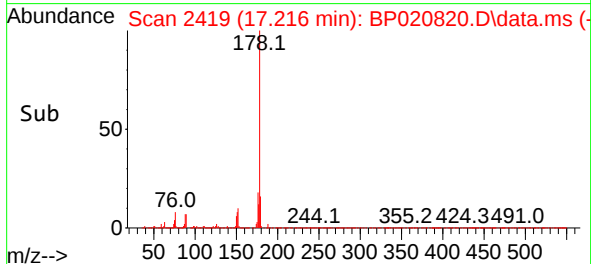
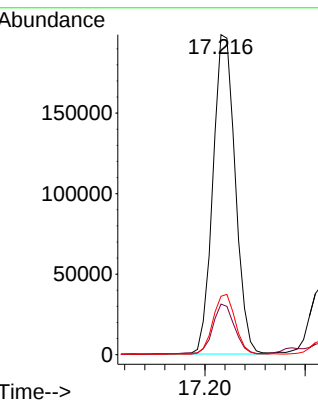
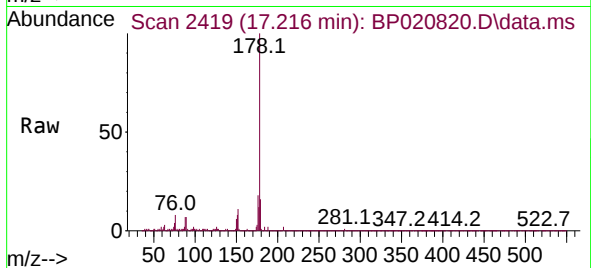
176 18.2 15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#74

Anthracene

Concen: 1.029 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. 0.018 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

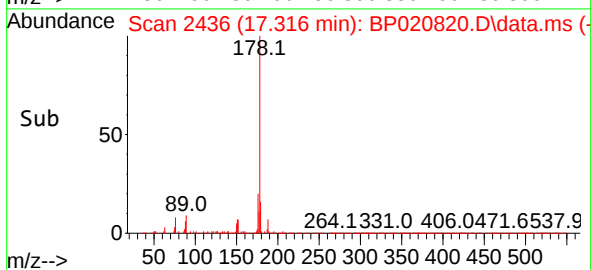
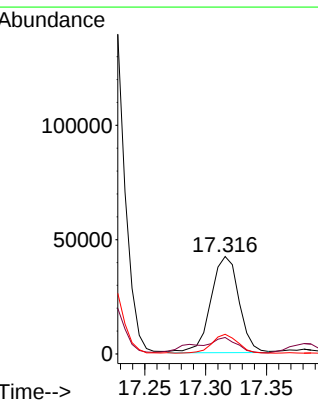
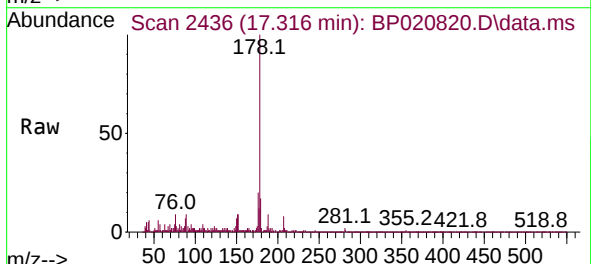
Tgt Ion:178 Resp: 67632

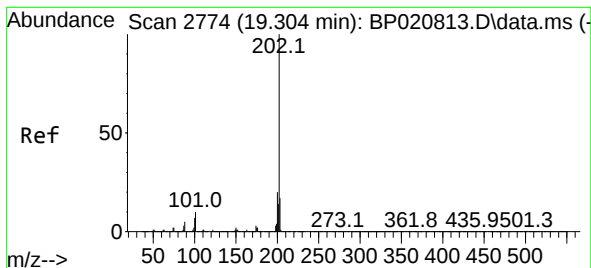
Ion Ratio Lower Upper

178 100

179 16.9 12.1 18.1

176 20.2 15.0 22.4





#80

Fluoranthene

Concen: 8.602 ng/u1

RT: 19.310 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

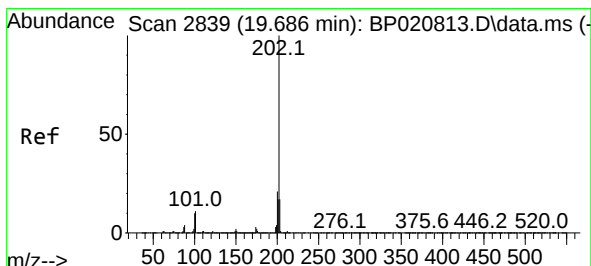
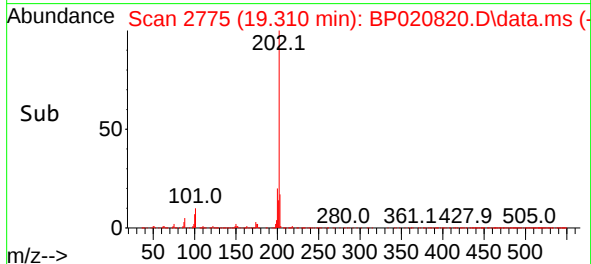
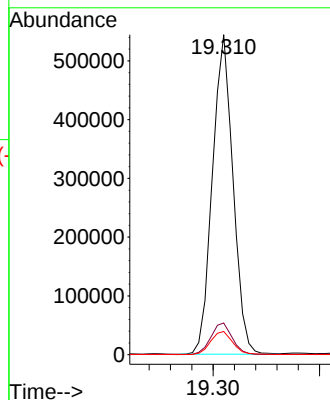
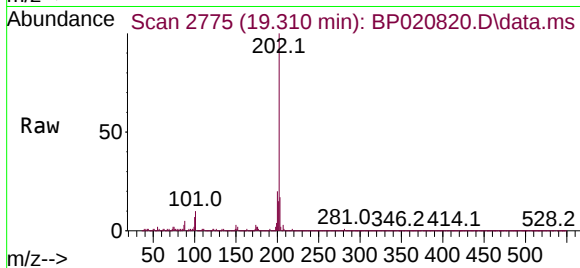
Tgt Ion:	202	Resp:	72899
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.2	12.4
100	7.3	6.6	10.0

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#82

Pyrene

Concen: 6.111 ng/u1

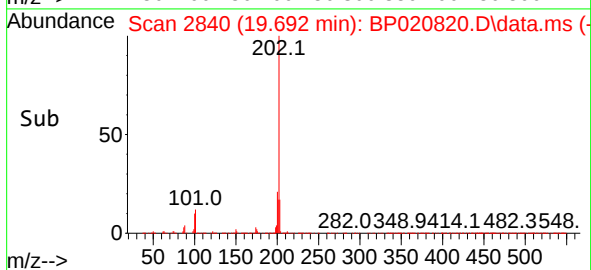
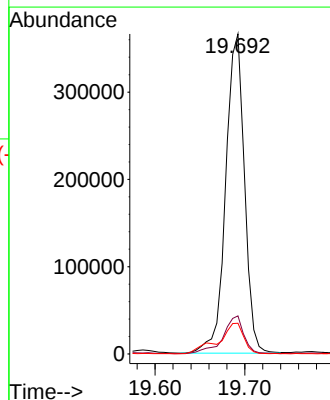
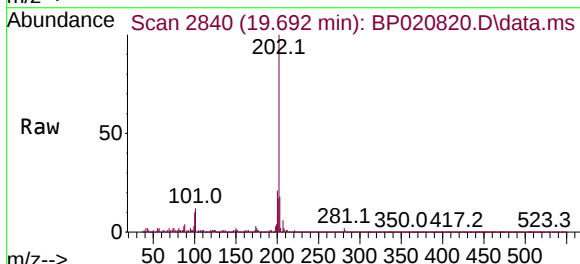
RT: 19.692 min Scan# 2840

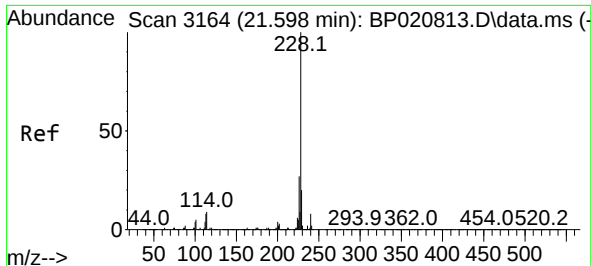
Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

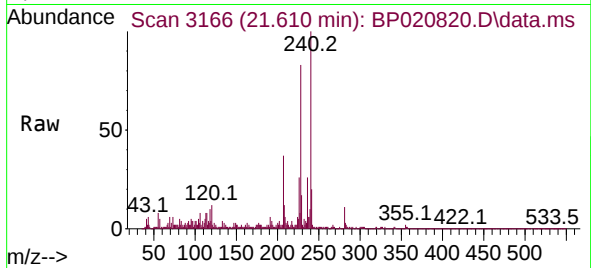
Tgt Ion:	202	Resp:	531136
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.6	7.9	11.9





#85
Benzo(a)anthracene
Concen: 4.095 ng/ul
RT: 21.610 min Scan# 3164
Delta R.T. 0.012 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

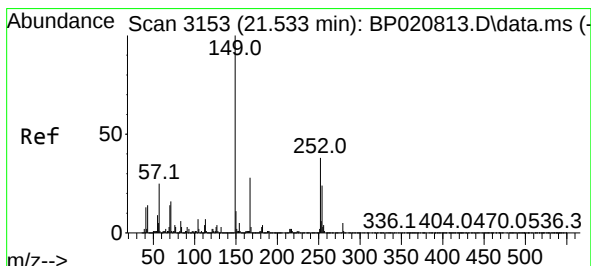
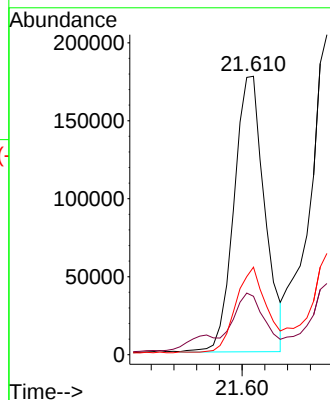
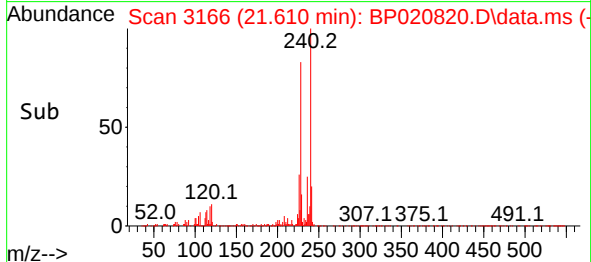
Instrument :
BNA_P
ClientSampleId :
A4CW0



Tgt Ion:228 Resp: 33150
Ion Ratio Lower Upper
228 100
229 21.0 15.2 22.8
226 31.4 21.1 31.7

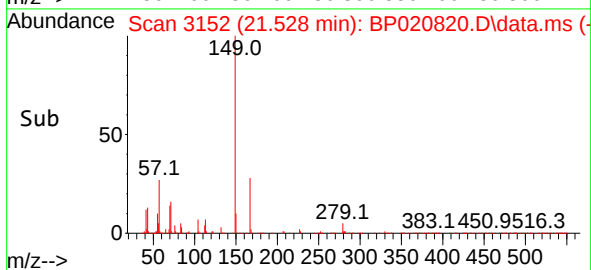
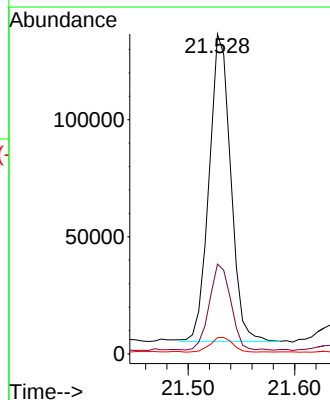
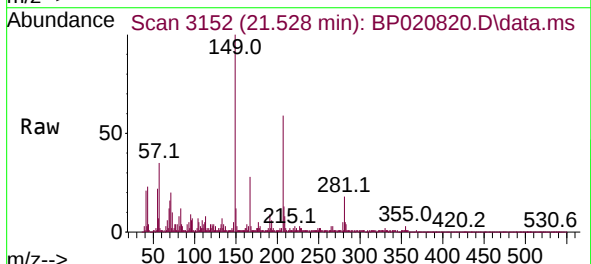
Manual Integrations
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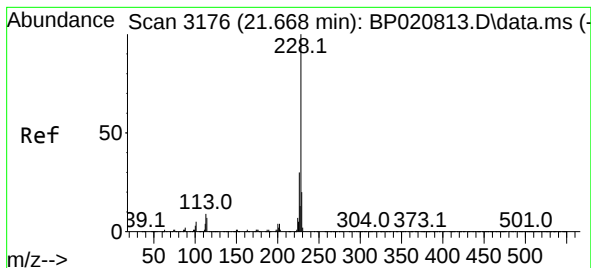
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.674 ng/ul
RT: 21.528 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

Tgt Ion:149 Resp: 184079
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.1 3.3 4.9#





#87

Chrysene

Concen: 4.714 ng/ul

RT: 21.675 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

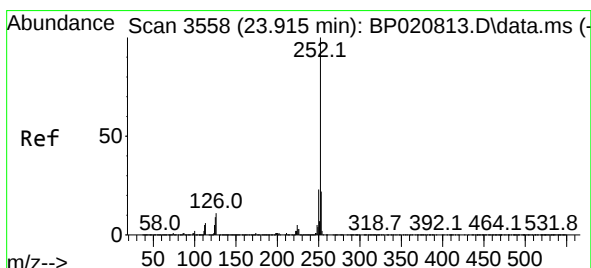
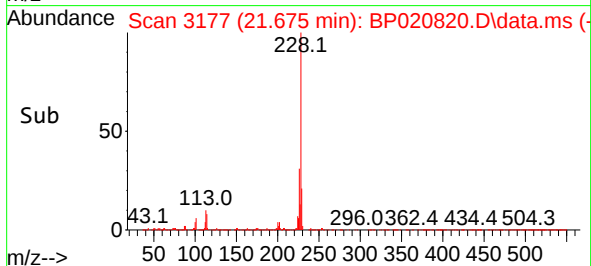
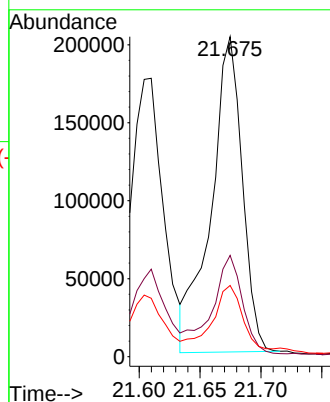
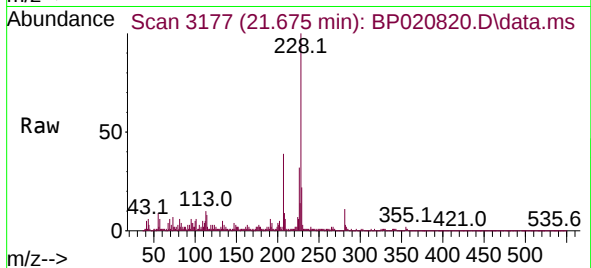
Tgt Ion:228	Resp: 360662
Ion Ratio	Lower Upper
228 100	
226 31.6	23.8 35.6
229 22.3	16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(b)fluoranthene

Concen: 6.512 ng/ul

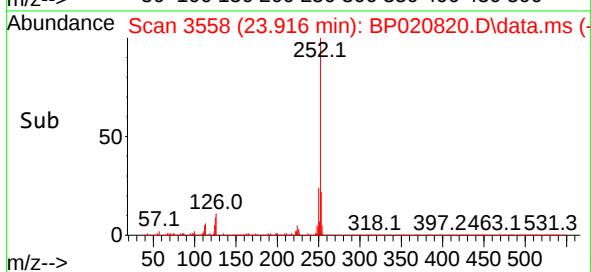
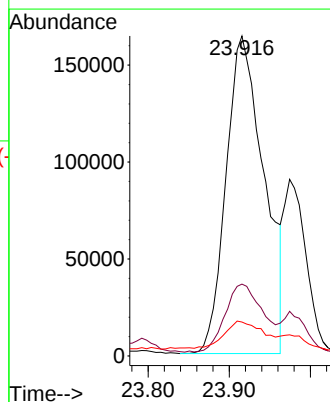
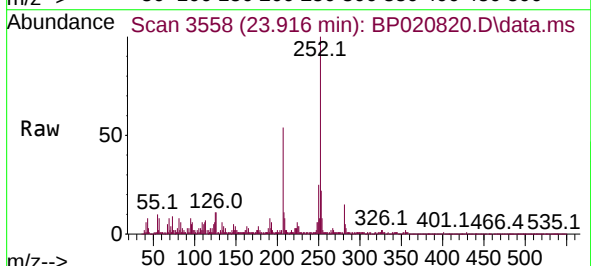
RT: 23.916 min Scan# 3558

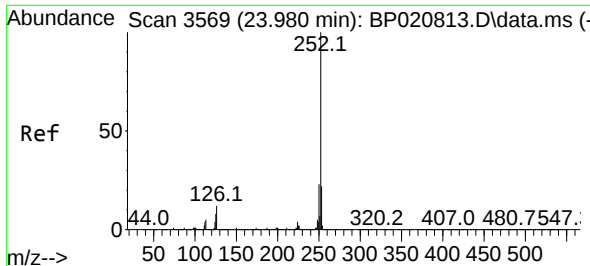
Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

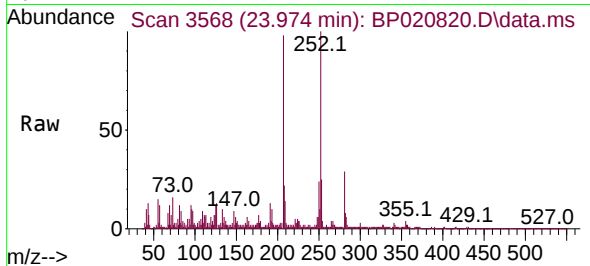
Tgt Ion:252	Resp: 532623
Ion Ratio	Lower Upper
252 100	
253 22.5	17.5 26.3
125 10.6	7.9 11.9





#91
Benzo(k)fluoranthene
Concen: 2.021 ng/ul m
RT: 23.974 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

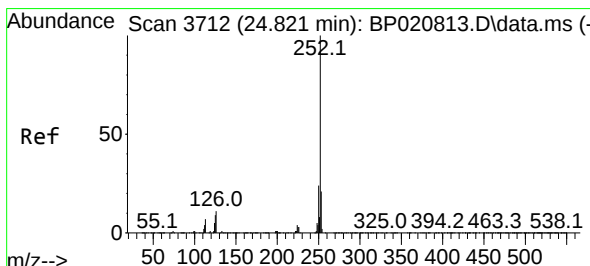
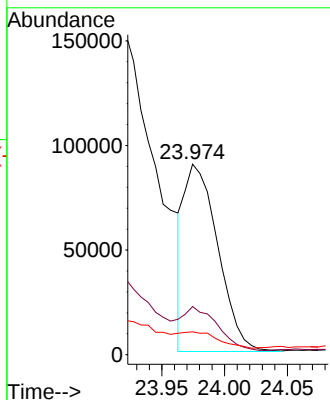
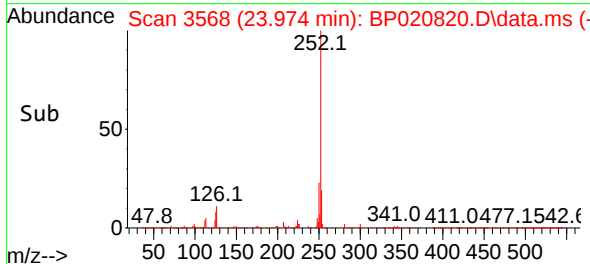
Instrument :
BNA_P
ClientSampleId :
A4CW0



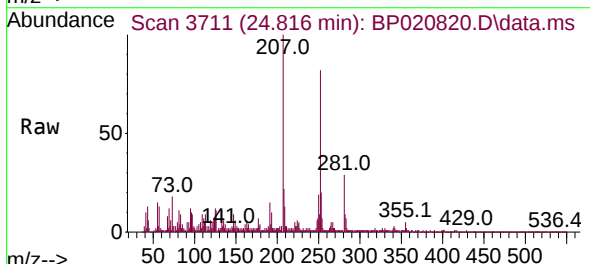
Tgt Ion:252 Resp: 167230
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 12.0 7.9 11.9

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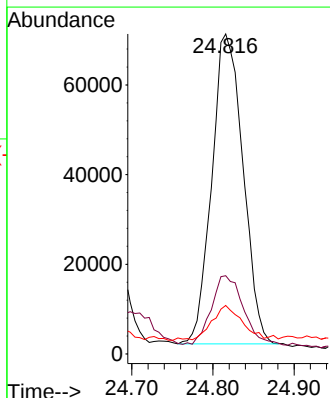
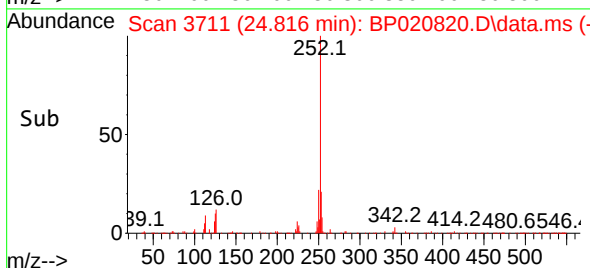
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

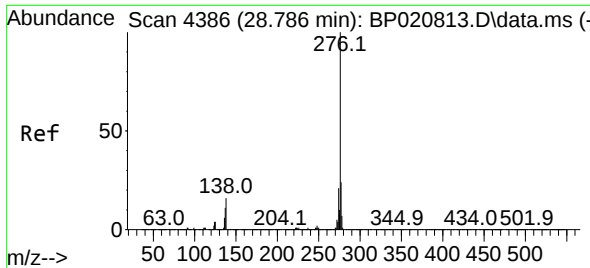


#93
Benzo(a)pyrene
Concen: 2.390 ng/ul
RT: 24.816 min Scan# 3711
Delta R.T. 0.006 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46



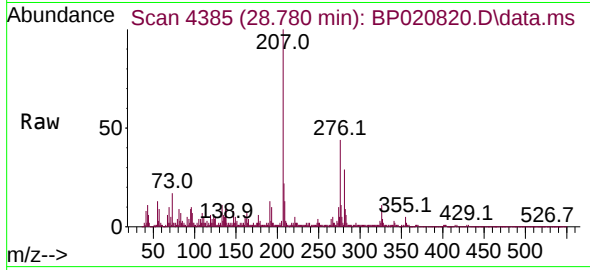
Tgt Ion:252 Resp: 184497
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 15.2 8.7 13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.901 ng/ul
 RT: 28.780 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BP020820.D
 Acq: 06 Jul 2024 14:46

Instrument :
 BNA_P
 ClientSampleId :
 A4CW0



Tgt Ion:276 Resp: 18826
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.2 22.8
 277 25.7 19.0 28.4

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