

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020716.D
 Acq On : 01 Jul 2024 13:21
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CN7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:04:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	209834	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	879707	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	590120	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1286605	20.000	ng/u1	-0.01
79) Chrysene-d12	21.645	240	869183	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	913562	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	22613	4.628	ng/uL	0.00
4) Pyridine-d5	3.693	84	68441	4.806	ng/u1	0.00
7) Phenol-d5	6.928	99	503652	29.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	297643	27.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	416774	29.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	414038	29.621	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	204475	31.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	232498	35.771	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	430821	32.179	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	24965m	1.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1322516	32.233	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1520107	31.048	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	218097	34.789	ng/u1	0.00
60) Fluorene-d10	15.381	176	1169718	33.879	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	177556	27.385	ng/u1	0.00
73) Anthracene-d10	17.281	188	1772017	30.688	ng/u1	0.00
81) Pyrene-d10	19.669	212	1689375	32.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	958636	21.572	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	230221	3.417	ng/u1	98
80) Fluoranthene	19.316	202	496841	7.790	ng/u1	98
82) Pyrene	19.698	202	349705	5.346	ng/u1	98
85) Benzo(a)anthracene	21.628	228	173719	2.851	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.569	149	113072	2.998	ng/u1	99
87) Chrysene	21.692	228	211284	3.669	ng/u1	97
90) Benzo(b)fluoranthene	23.951	252	277250	5.010	ng/u1	96
91) Benzo(k)fluoranthene	24.016	252	93925m	1.678	ng/u1	
93) Benzo(a)pyrene	24.857	252	95629	1.830	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.857	276	109568m	1.635	ng/u1	

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

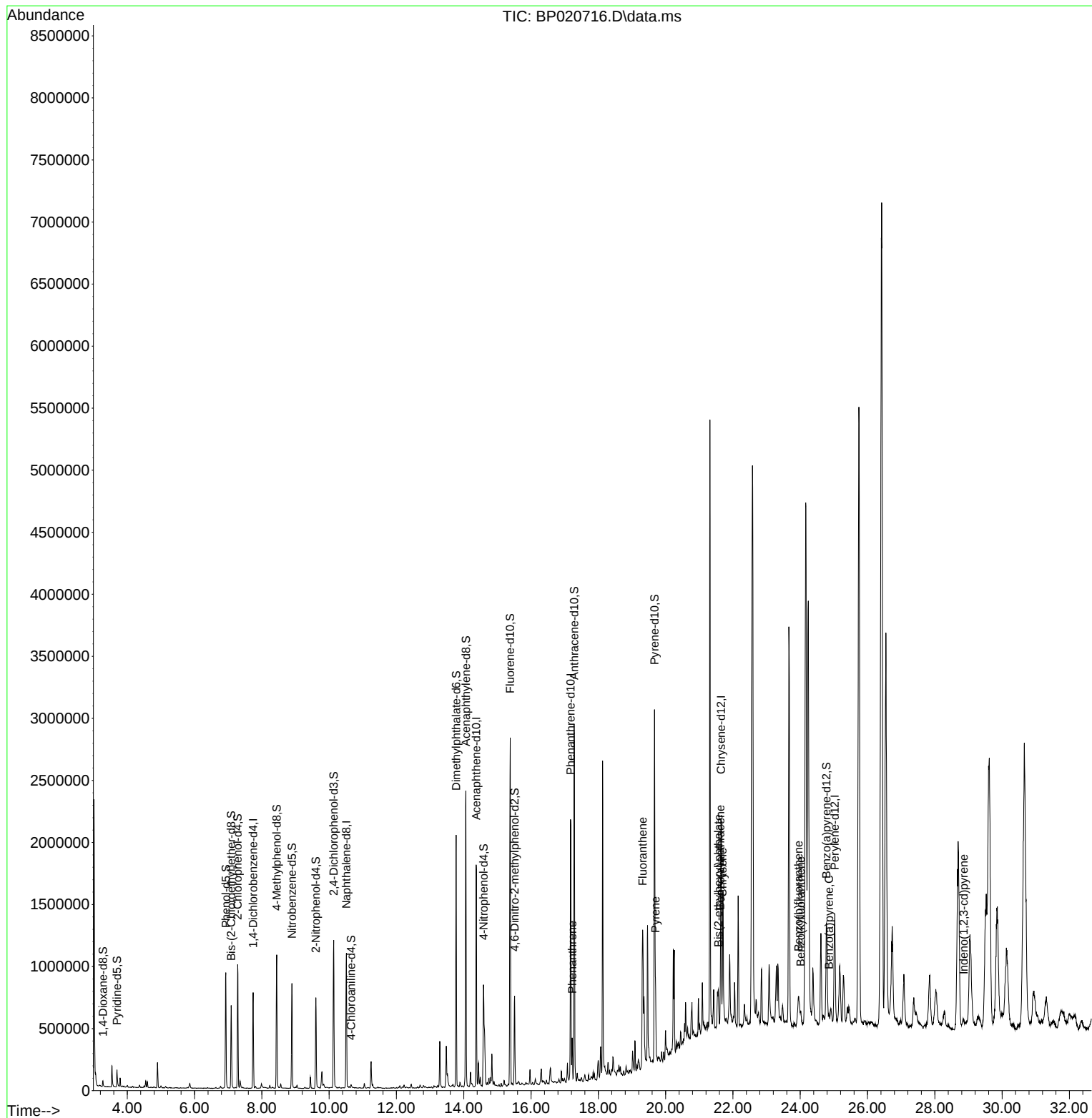
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020716.D
Acq On : 01 Jul 2024 13:21
Operator : MA/JU
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ALS Vial : 6 Sample Multiplier: 1

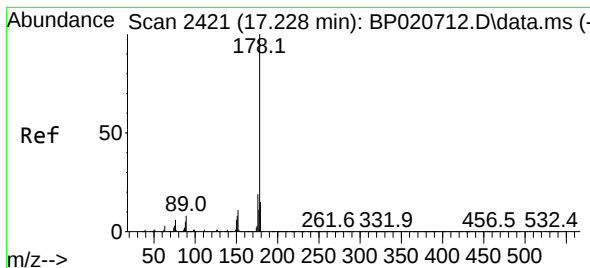
Instrument :
BNA_P
ClientSampleId :
A4CN7

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Quant Time: Jul 02 01:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.417 ng/ul

RT: 17.222 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Instrument :

BNA_P

ClientSampleId :

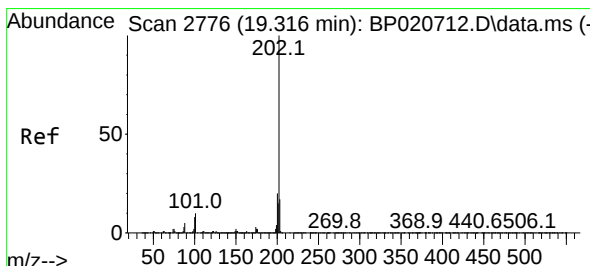
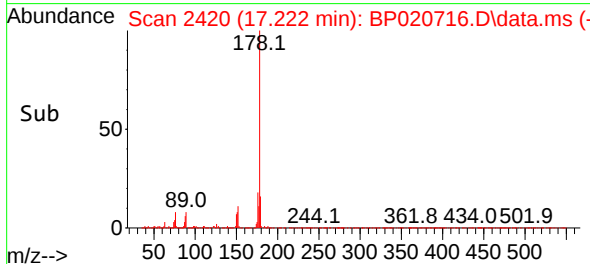
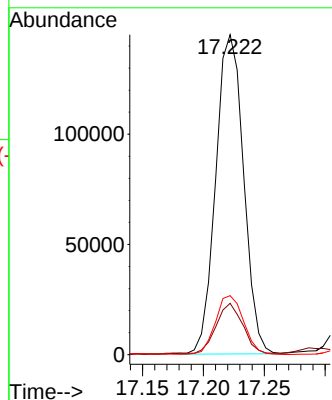
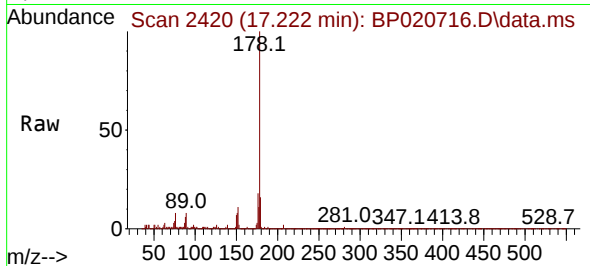
A4CN7

Tgt Ion:178	Resp: 23022
Ion Ratio	Lower Upper
178 100	
179 16.1	12.4 18.6
176 18.5	15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#80

Fluoranthene

Concen: 7.790 ng/ul

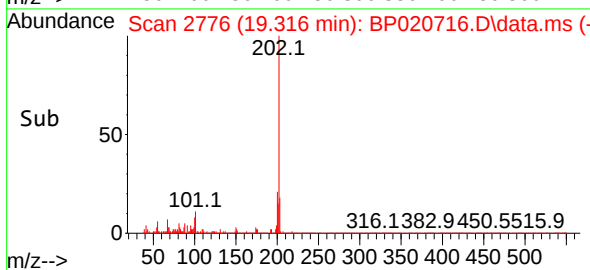
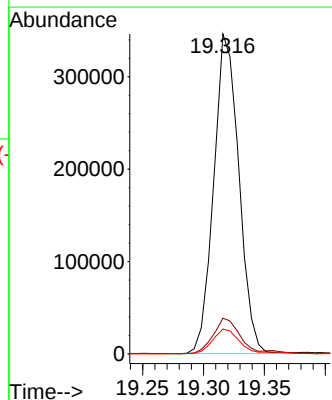
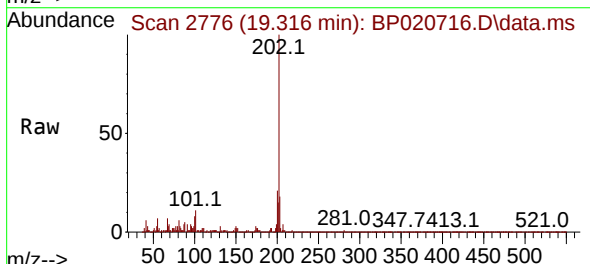
RT: 19.316 min Scan# 2776

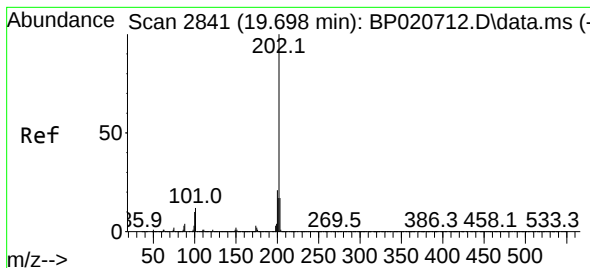
Delta R.T. -0.006 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Tgt Ion:202	Resp: 496841
Ion Ratio	Lower Upper
202 100	
101 11.2	8.2 12.4
100 7.8	6.6 10.0





#82

Pyrene

Concen: 5.346 ng/ul

RT: 19.698 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Instrument :

BNA_P

ClientSampleId :

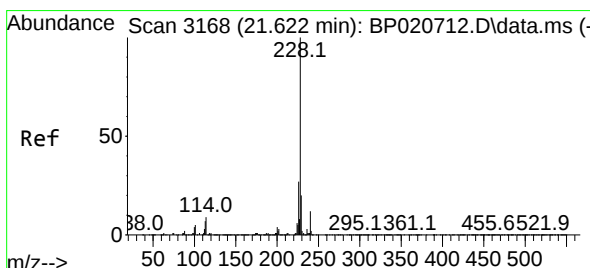
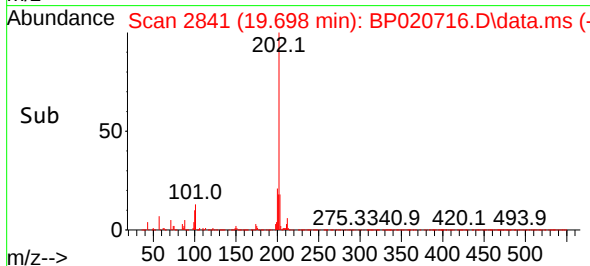
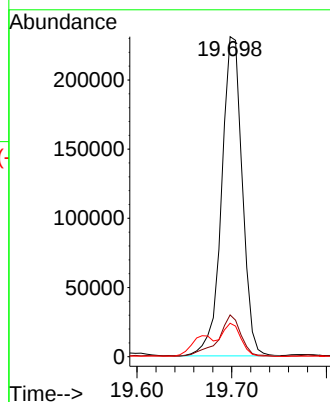
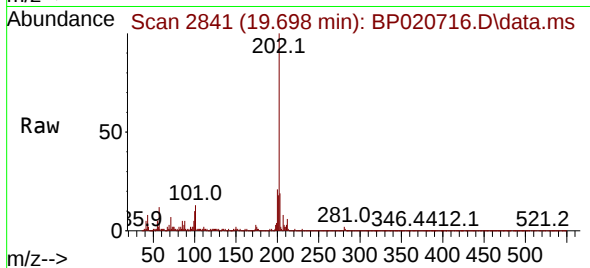
A4CN7

Tgt Ion:	202	Resp:	34970
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.8
100	10.4	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#85

Benzo(a)anthracene

Concen: 2.851 ng/ul

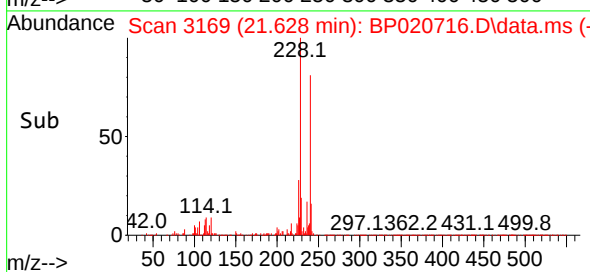
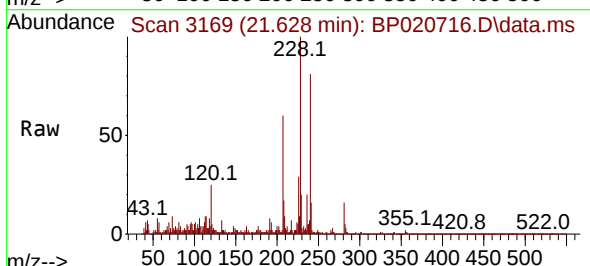
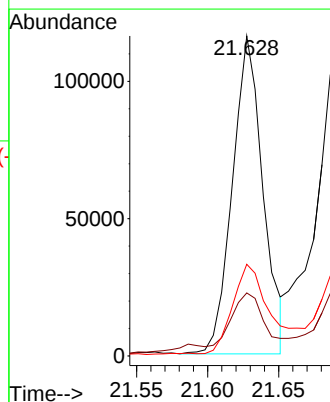
RT: 21.628 min Scan# 3169

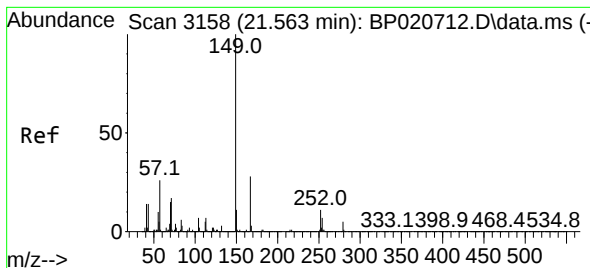
Delta R.T. 0.006 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

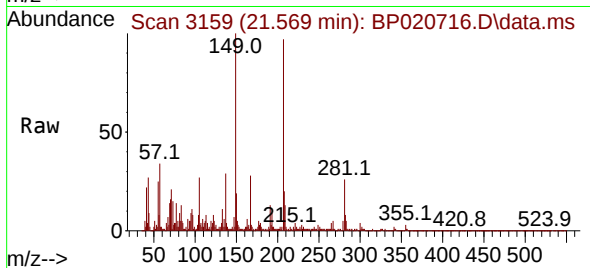
Tgt Ion:	228	Resp:	173719
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.2	22.8
226	28.6	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.998 ng/ul
RT: 21.569 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BP020716.D
Acq: 01 Jul 2024 13:21

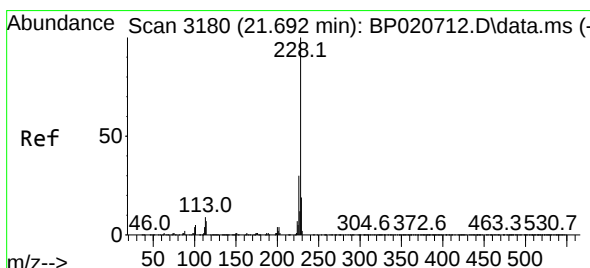
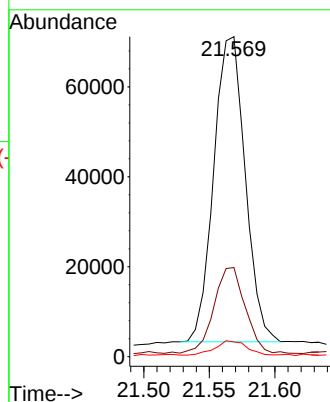
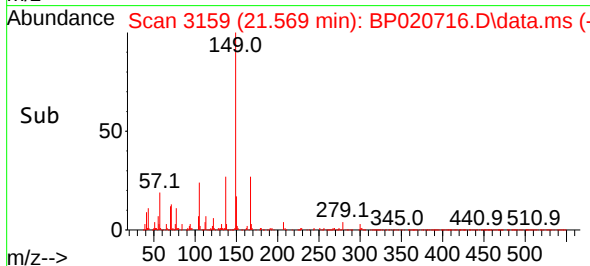
Instrument :
BNA_P
ClientSampleId :
A4CN7



Tgt Ion:149 Resp: 113072
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.6 3.3 4.9

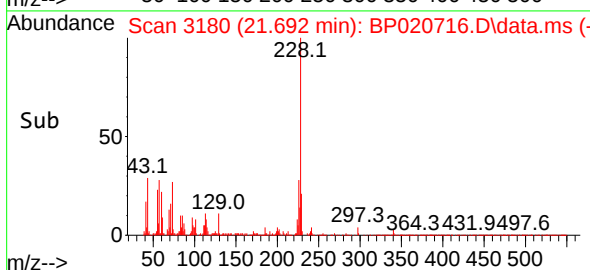
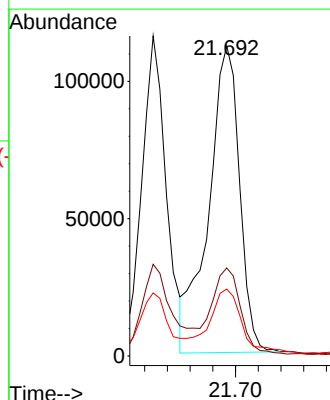
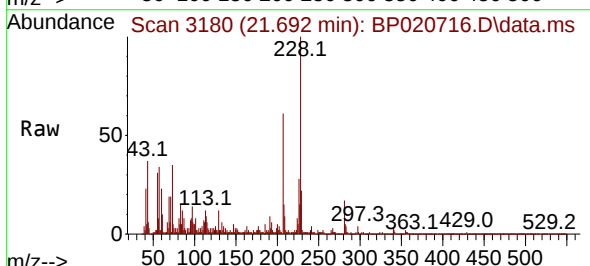
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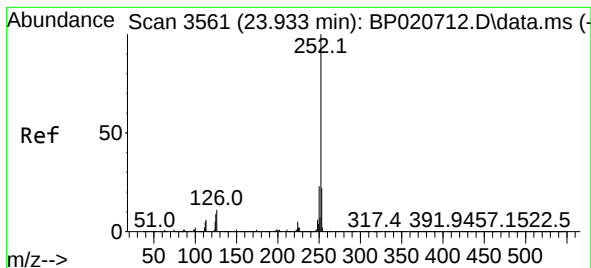
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 3.669 ng/ul
RT: 21.692 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP020716.D
Acq: 01 Jul 2024 13:21

Tgt Ion:228 Resp: 211284
Ion Ratio Lower Upper
228 100
226 28.4 23.8 35.6
229 21.6 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 5.010 ng/ul

RT: 23.951 min Scan# 3564

Delta R.T. 0.012 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Instrument :

BNA_P

ClientSampleId :

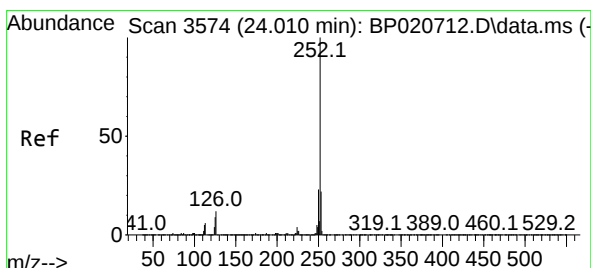
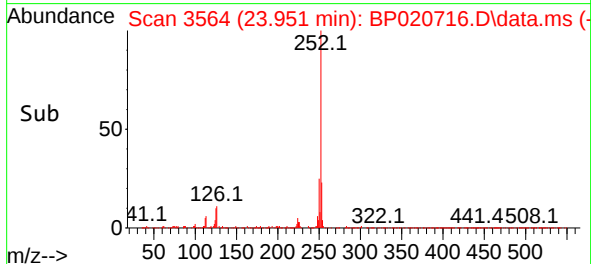
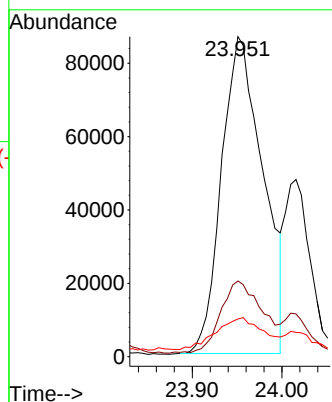
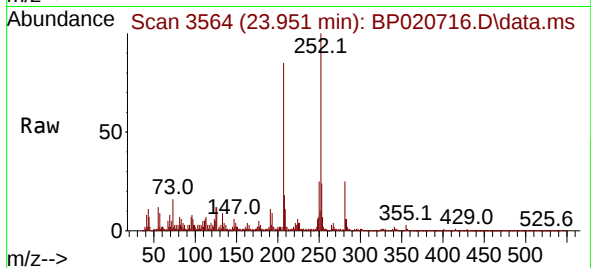
A4CN7

Tgt Ion:252 Resp: 277250
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.5 26.3
 125 11.8 7.9 11.9

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.678 ng/ul m

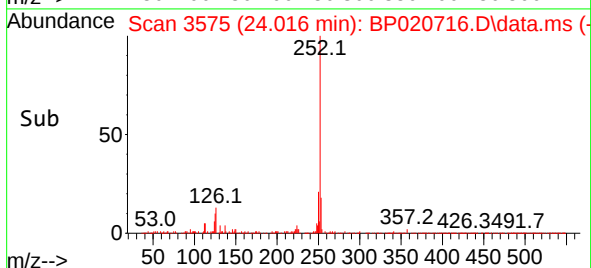
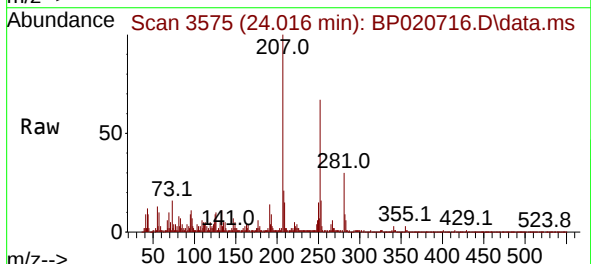
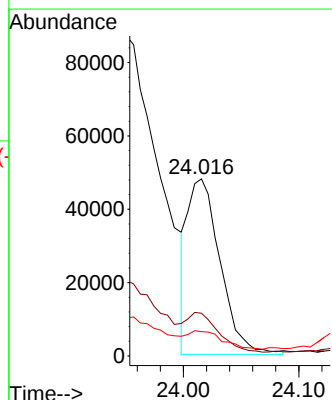
RT: 24.016 min Scan# 3575

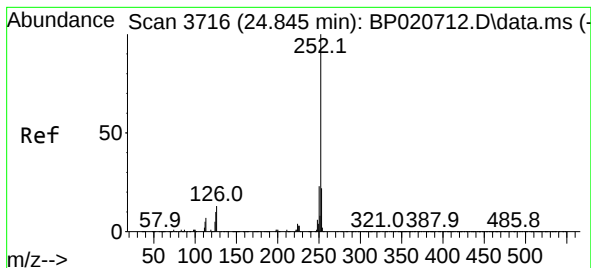
Delta R.T. 0.012 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Tgt Ion:252 Resp: 93925
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.6 26.4
 125 13.8 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 1.830 ng/ul

RT: 24.857 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Instrument :

BNA_P

ClientSampleId :

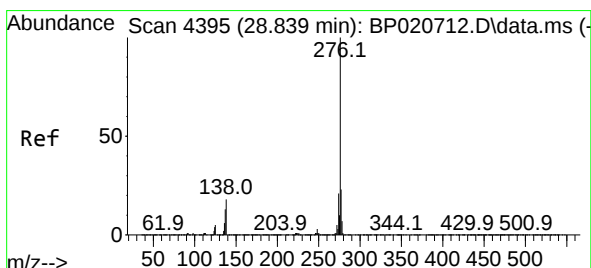
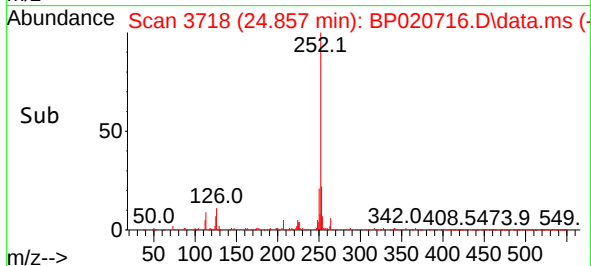
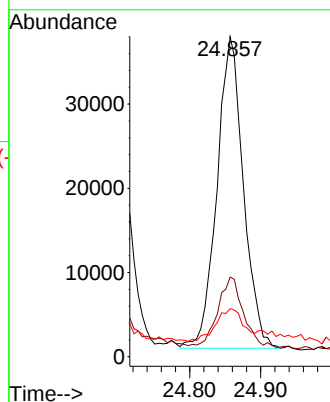
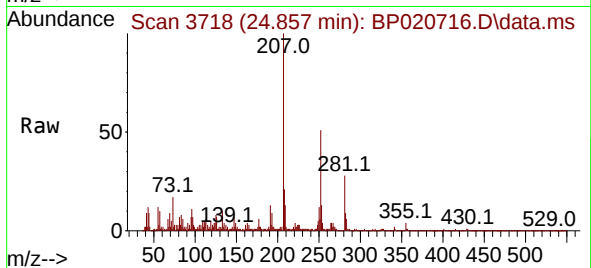
A4CN7

Tgt Ion:	252	Resp:	95629
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.4	26.2
125	15.0	8.7	13.1

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.635 ng/ul m

RT: 28.857 min Scan# 4398

Delta R.T. 0.041 min

Lab File: BP020716.D

Acq: 01 Jul 2024 13:21

Tgt Ion:	276	Resp:	109568
Ion Ratio	Lower	Upper	
276	100		
138	22.4	15.2	22.8
277	25.4	19.0	28.4

