

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020756.D
 Acq On : 02 Jul 2024 18:41
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 22:45:09 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	7.734	152	233629	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.504	136	931270	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	553102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	976415	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	841165	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	1013544	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22343	4.107	ng/uL	0.00
4) Pyridine-d5	3.699	84	12762m	0.805	ng/u1	0.01
7) Phenol-d5	6.922	99	529784	27.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	321489	26.465	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	442866	28.279	ng/u1	-0.01
15) 4-Methylphenol-d8	8.440	113	437169	28.091	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	208823	30.372	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	233347	33.914	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.134	165	417552	29.461	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	86351	4.347	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1242062	32.298	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1372599	29.912	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	131769	22.426	ng/u1	0.00
60) Fluorene-d10	15.375	176	977614	30.210	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	132475	26.923	ng/u1	0.00
73) Anthracene-d10	17.280	188	1330352	30.358	ng/u1	0.00
81) Pyrene-d10	19.663	212	1197641	23.700	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	965829	19.590	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	334100	6.534	ng/u1	99
74) Anthracene	17.316	178	81591	1.551	ng/u1	97
80) Fluoranthene	19.316	202	591240	9.578	ng/u1	99
82) Pyrene	19.692	202	460375	7.272	ng/u1	98
85) Benzo(a)anthracene	21.615	228	317270	5.381	ng/u1	93
87) Chrysene	21.680	228	362076	6.497	ng/u1	97
90) Benzo(b)fluoranthene	23.927	252	494780	8.058	ng/u1	99
91) Benzo(k)fluoranthene	23.986	252	167903m	2.703	ng/u1	
93) Benzo(a)pyrene	24.833	252	175375	3.026	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.797	276	198489m	2.670	ng/u1	
95) Dibenzo(a,h)anthracene	28.868	278	73679m	1.206	ng/u1	

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

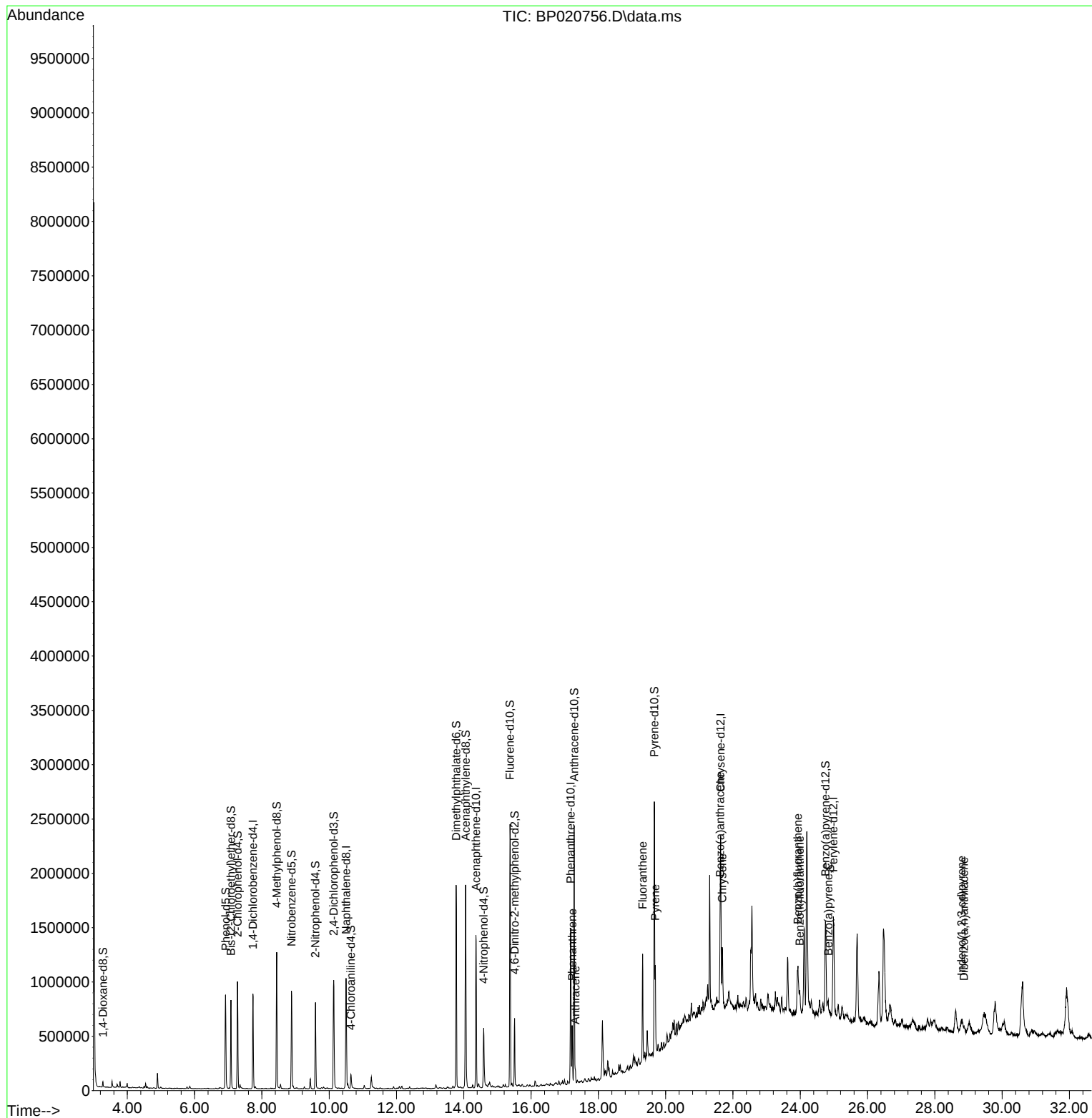
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020756.D
Acq On : 02 Jul 2024 18:41
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

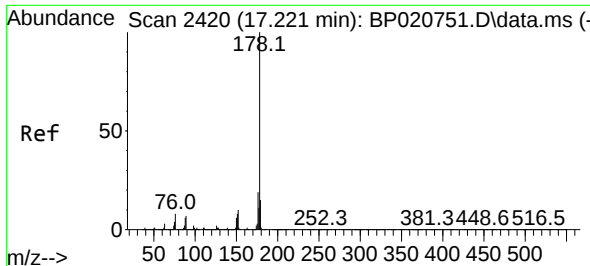
Instrument :
BNA_P
ClientSampleId :
A4CS9

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Supervised By :mohammad ahmed 07/04/2024

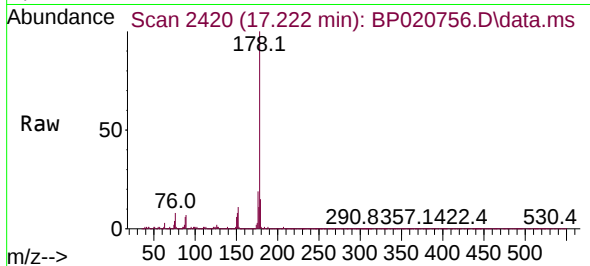
Quant Time: Jul 02 22:45:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.534 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41

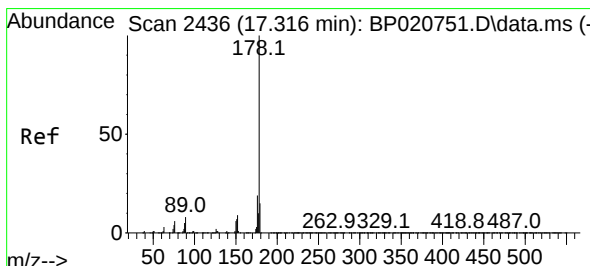
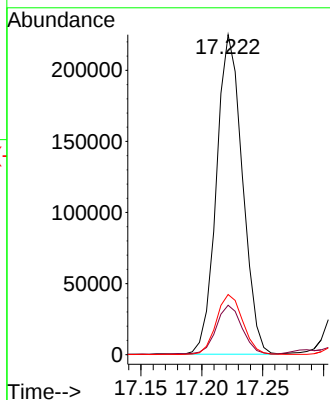
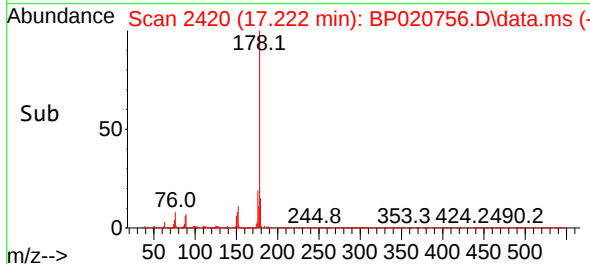
Instrument :
BNA_P
ClientSampleId :
A4CS9



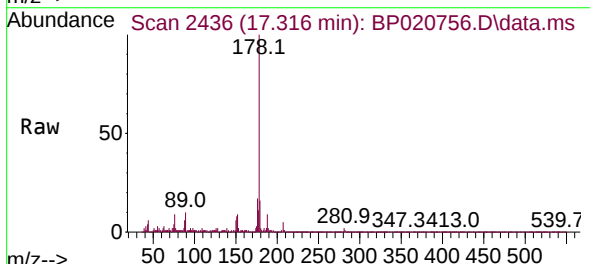
Tgt Ion:178 Resp: 334100
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.8 15.4 23.2

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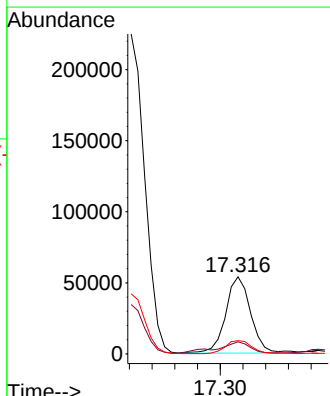
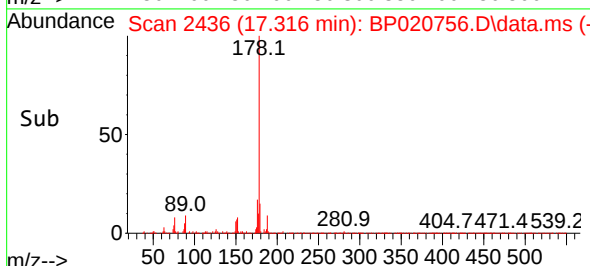
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

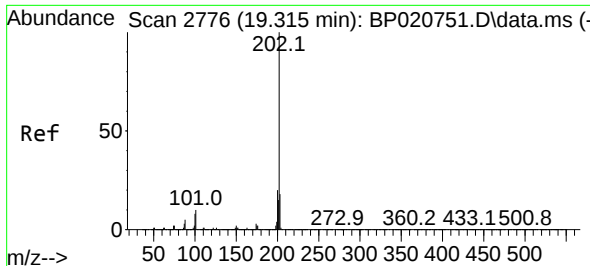


#74
Anthracene
Concen: 1.551 ng/ul
RT: 17.316 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41



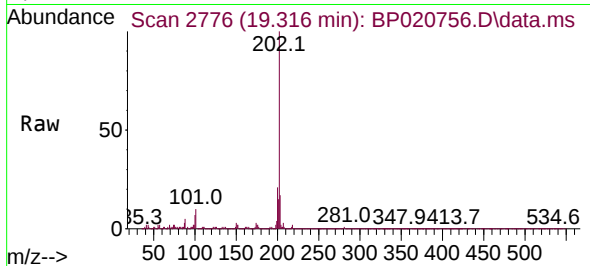
Tgt Ion:178 Resp: 81591
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 17.2 15.0 22.4





#80
Fluoranthene
Concen: 9.578 ng/u1
RT: 19.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41

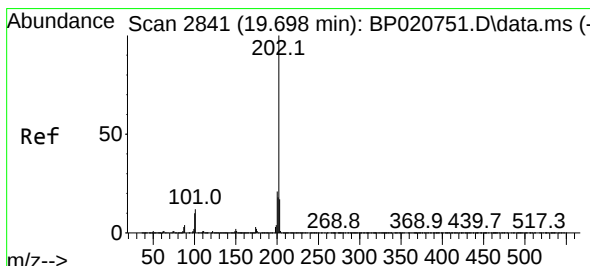
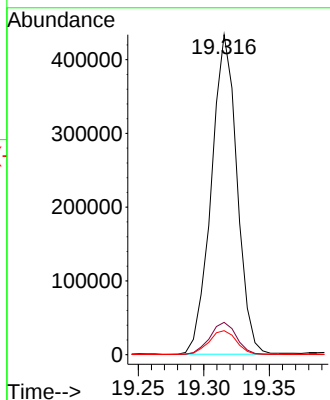
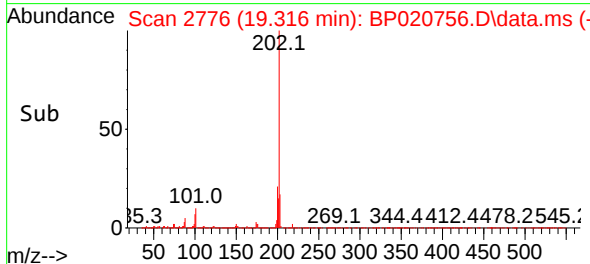
Instrument :
BNA_P
ClientSampleId :
A4CS9



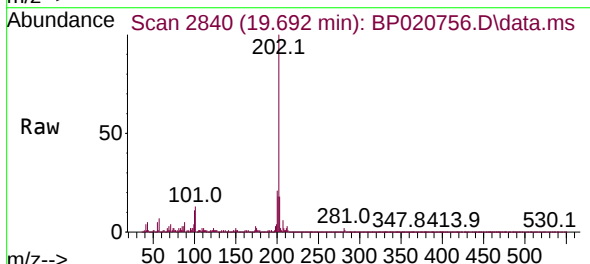
Tgt Ion:202 Resp: 591240
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 7.5 6.6 10.0

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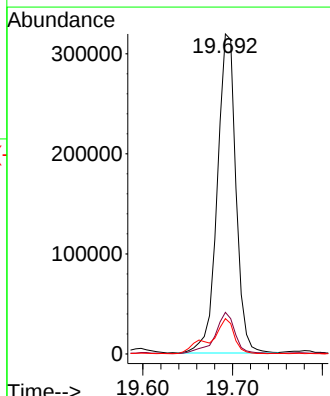
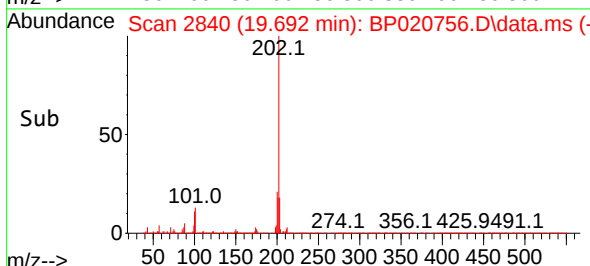
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

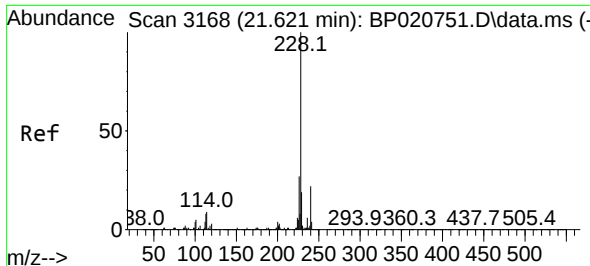


#82
Pyrene
Concen: 7.272 ng/u1
RT: 19.692 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41



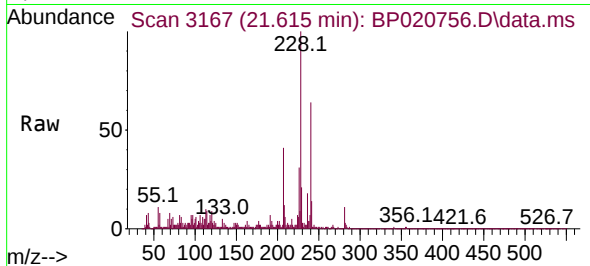
Tgt Ion:202 Resp: 460375
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 11.1 7.9 11.9





#85
Benzo(a)anthracene
Concen: 5.381 ng/ul
RT: 21.615 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41

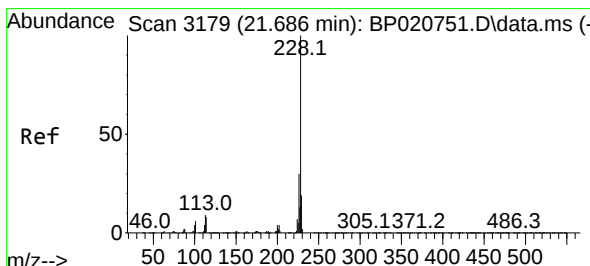
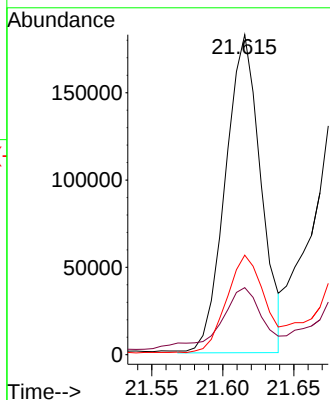
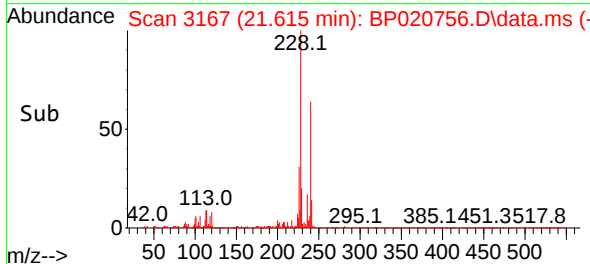
Instrument : BNA_P
ClientSampleId : A4CS9



Tgt Ion:228 Resp: 317270
Ion Ratio Lower Upper
228 100
229 21.0 15.2 22.8
226 31.1 21.1 31.7

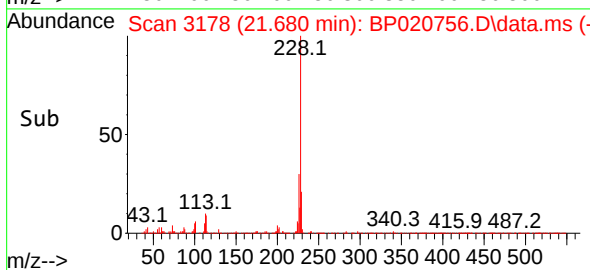
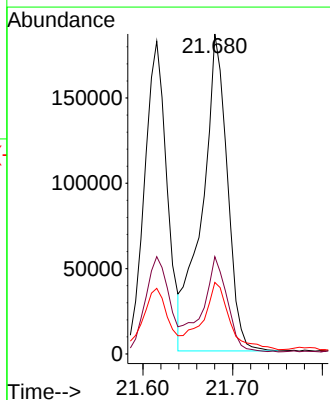
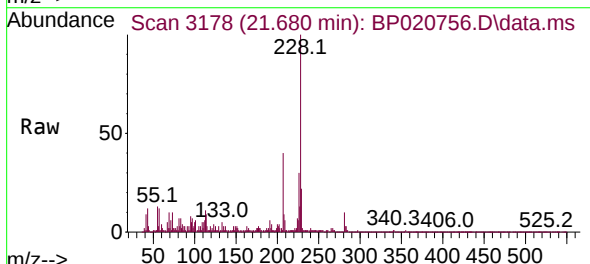
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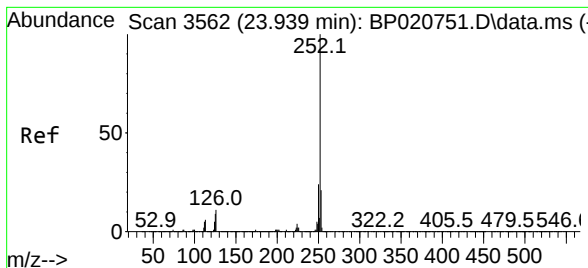
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 6.497 ng/ul
RT: 21.680 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP020756.D
Acq: 02 Jul 2024 18:41

Tgt Ion:228 Resp: 362076
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 22.3 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 8.058 ng/ul

RT: 23.927 min Scan# 3560

Delta R.T. -0.012 min

Lab File: BP020756.D

Acq: 02 Jul 2024 18:41

Instrument :

BNA_P

ClientSampleId :

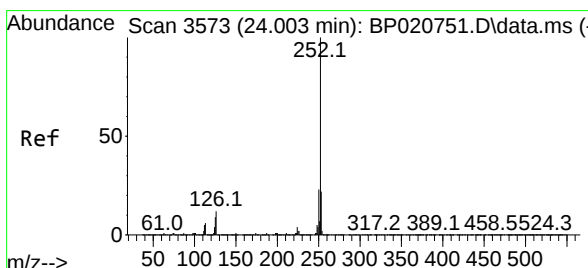
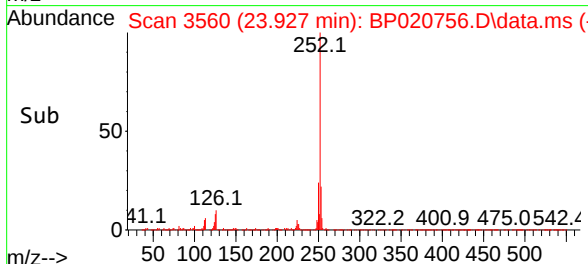
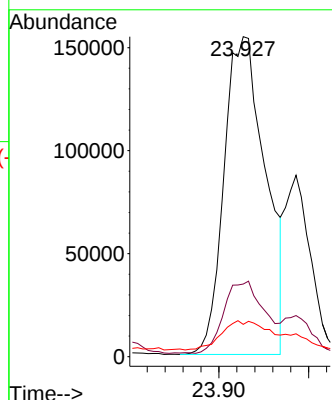
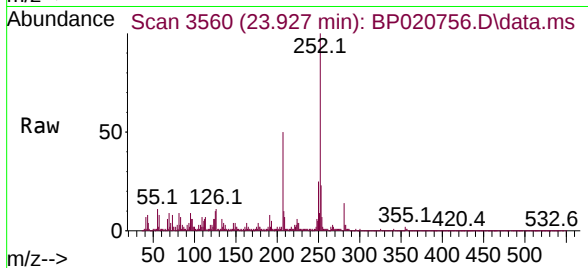
A4CS9

Tgt Ion:252	Resp: 494780
Ion Ratio	Lower Upper
252 100	
253 22.7	17.5 26.3
125 10.1	7.9 11.9

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#91

Benzo(k)fluoranthene

Concen: 2.703 ng/ul m

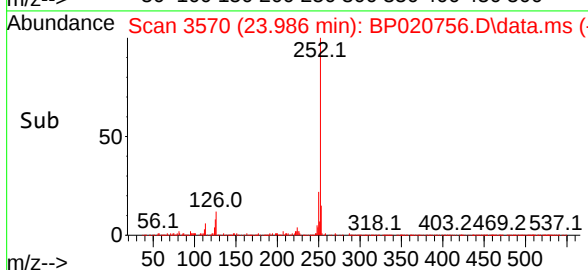
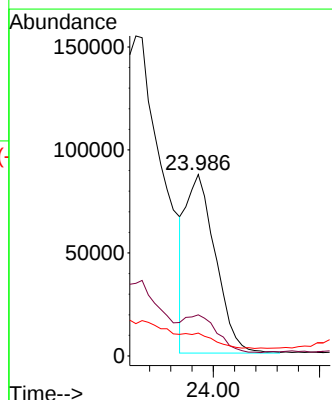
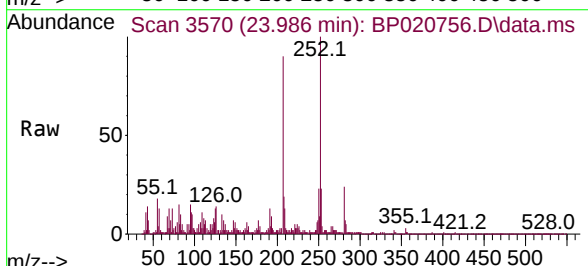
RT: 23.986 min Scan# 3570

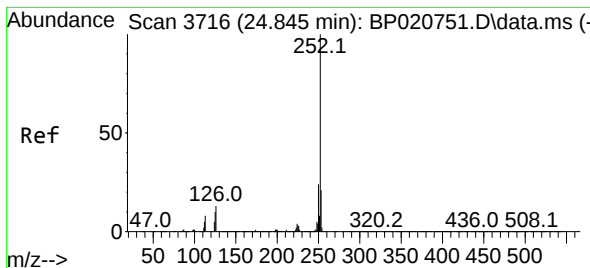
Delta R.T. -0.018 min

Lab File: BP020756.D

Acq: 02 Jul 2024 18:41

Tgt Ion:252	Resp: 167903
Ion Ratio	Lower Upper
252 100	
253 22.6	17.6 26.4
125 12.6	7.9 11.9





#93

Benzo(a)pyrene

Concen: 3.026 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020756.D

Acq: 02 Jul 2024 18:41

Instrument :

BNA_P

ClientSampleId :

A4CS9

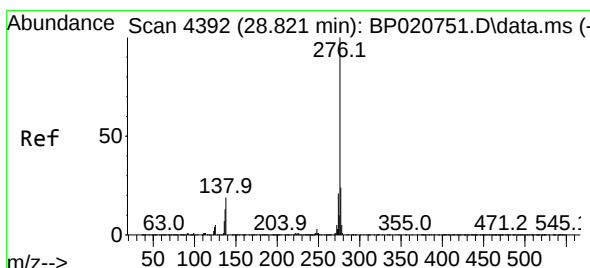
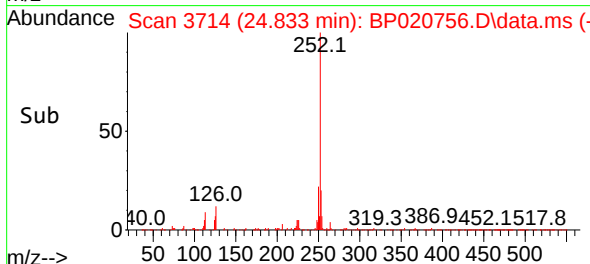
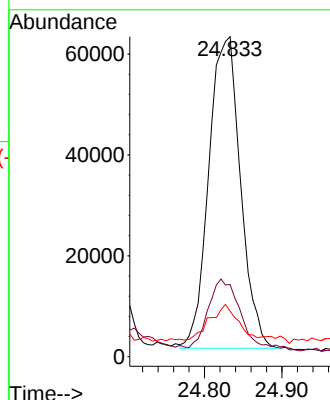
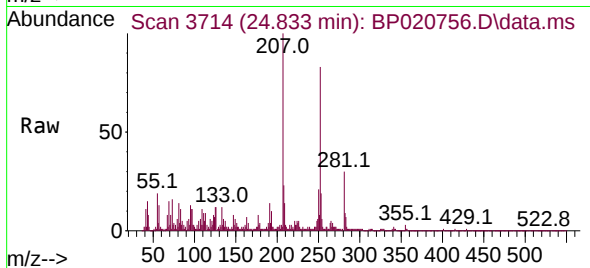
Tgt Ion:252 Resp: 175379

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	14.2	8.7	13.1

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.670 ng/ul m

RT: 28.797 min Scan# 4388

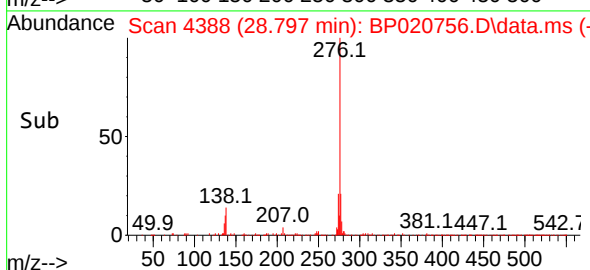
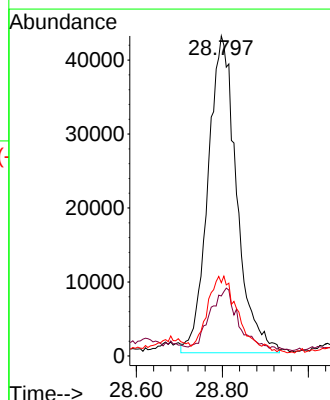
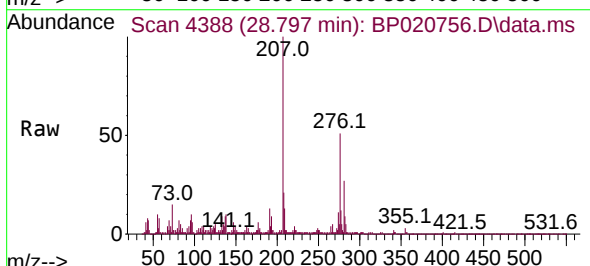
Delta R.T. -0.018 min

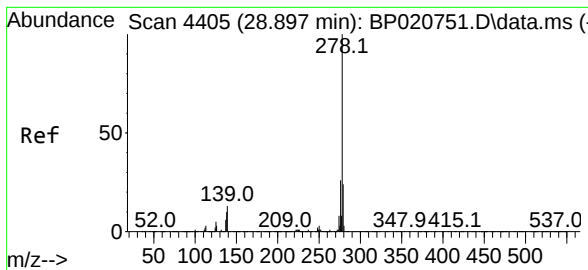
Lab File: BP020756.D

Acq: 02 Jul 2024 18:41

Tgt Ion:276 Resp: 198489

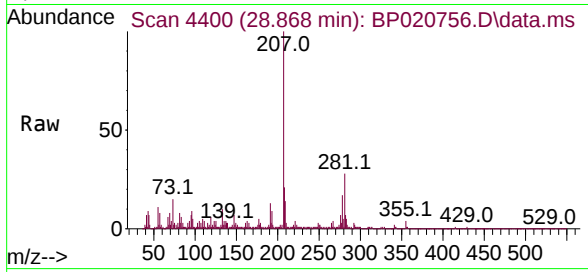
Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.2	22.8
277	22.9	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.206 ng/ul m
 RT: 28.868 min Scan# 44
 Delta R.T. -0.030 min
 Lab File: BP020756.D
 Acq: 02 Jul 2024 18:41

Instrument :
 BNA_P
 ClientSampleId :
 A4CS9



Tgt Ion:	278	Resp:	73679
Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.1	16.7
279	29.7	18.7	28.1

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