

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021396.D
 Acq On : 06 Aug 2024 18:32
 Operator : CG/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 06 22:59:37 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							08/07/2024
1) 1,4-Dichlorobenzene-d4	7.616	152	199622	20.000	ng/u1	-0.03	Supervised By :mohammad Ahmed
20) Naphthalene-d8	10.387	136	782289m	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.263	164	534910	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.092	188	1139342	20.000	ng/u1	0.00	
79) Chrysene-d12	21.522	240	1166181	20.000	ng/u1	-0.01	
88) Perylene-d12	24.798	264	1373259	20.000	ng/u1	-0.03	08/09/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.152	96	17651	4.024	ng/uL	-0.02	
4) Pyridine-d5	3.587	84	115731	9.113	ng/u1	0.00	
7) Phenol-d5	6.864	99	126445	7.769	ng/u1	0.02	
9) Bis-(2-Chloroethyl)eth...	6.964	67	245665	24.908	ng/u1	-0.02	
11) 2-Chlorophenol-d4	7.175	132	308002	22.970	ng/u1	0.00	
15) 4-Methylphenol-d8	8.358	113	235670	17.435	ng/u1	0.00	
21) Nitrobenzene-d5	8.781	128	163228	26.864	ng/u1	-0.01	
24) 2-Nitrophenol-d4	9.493	143	184173	26.483	ng/u1	-0.01	
28) 2,4-Dichlorophenol-d3	10.063	165	344633	27.405	ng/u1	0.01	
31) 4-Chloroaniline-d4	10.557	131	391289	23.488	ng/u1	0.00	
46) Dimethylphthalate-d6	13.687	166	1023798	26.329	ng/u1	0.00	
49) Acenaphthylene-d8	13.951	160	1114019	25.514	ng/u1	-0.01	
54) 4-Nitrophenol-d4	14.640	143	64148m	11.595	ng/u1	0.05	
60) Fluorene-d10	15.287	176	910322	28.536	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.475	200	138669	20.116	ng/u1	0.01	
73) Anthracene-d10	17.187	188	1300030	25.690	ng/u1	0.00	
81) Pyrene-d10	19.569	212	1693158	23.484	ng/u1	0.00	
92) Benzo(a)pyrene-d12	24.580	264	1852376	27.350	ng/u1	-0.02	
Target Compounds							Qvalue
16) Acetophenone	8.458	105	26086	1.250	ng/u1#	83	
26) 2,4-Dimethylphenol	9.599	107	432968	30.272	ng/u1	98	
30) Naphthalene	10.446	128	44323815m	1077.155	ng/u1		
36) 2-Methylnaphthalene	12.057	142	6600256	233.669	ng/u1	100	
37) 1-Methylnaphthalene	12.287	142	9105805	313.446	ng/u1	99	
43) 1,1'-Biphenyl	13.081	154	2597112	66.436	ng/u1	100	
50) Acenaphthylene	13.987	152	241366	4.882	ng/u1#	84	
52) Acenaphthene	14.351	153	12946811	394.579	ng/u1	99	
56) Dibenzofuran	14.687	168	10626063	236.491	ng/u1	98	
58) 2,3,4,6-Tetrachlorophenol	14.934	232	31273	3.145	ng/u1#	54	
61) Fluorene	15.345	166	8243701	224.832	ng/u1	100	
71) Pentachlorophenol	16.751	266	337359	40.566	ng/u1	98	
72) Phenanthrene	17.139	178	14452021	244.516	ng/u1	93	
74) Anthracene	17.222	178	1768017	29.342	ng/u1	98	
77) Carbazole	17.539	167	11352082	230.469	ng/u1	97	
80) Fluoranthene	19.222	202	7181269	82.478	ng/u1	98	
82) Pyrene	19.598	202	4741919	53.520	ng/u1	98	
85) Benzo(a)anthracene	21.498	228	1239229	15.170	ng/u1	97	
87) Chrysene	21.569	228	951920	12.540	ng/u1	96	
90) Benzo(b)fluoranthene	23.763	252	854644	10.255	ng/u1	96	
91) Benzo(k)fluoranthene	23.821	252	296657m	3.567	ng/u1		
93) Benzo(a)pyrene	24.651	252	506765	6.435	ng/u1	99	
94) Indeno(1,2,3-cd)pyrene	28.562	276	230511m	2.272	ng/u1		
96) Benzo(g,h,i)perylene	29.739	276	207801	2.514	ng/u1	97	

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Manual Integrations
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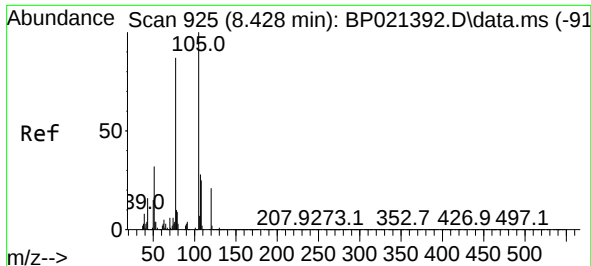
Quant Time: Aug 06 22:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Supervised By :mohammad
ahmed

08/09/2024



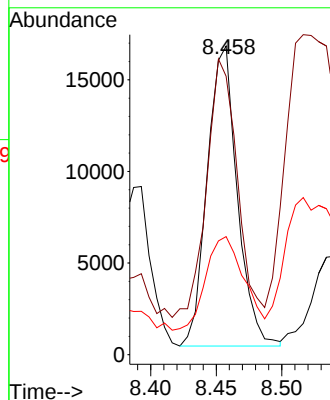
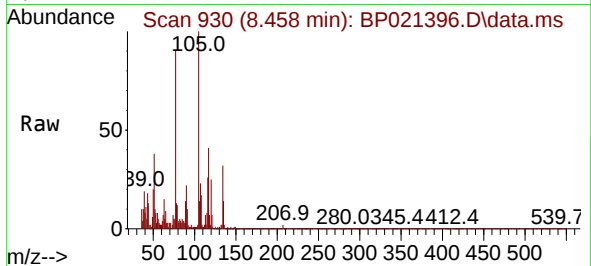
#16
Acetophenone
Concen: 1.250 ng/ul
RT: 8.458 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:105 Resp: 26080
Ion Ratio Lower Upper
105 100
77 90.2 61.8 92.8
51 38.3 21.5 32.3

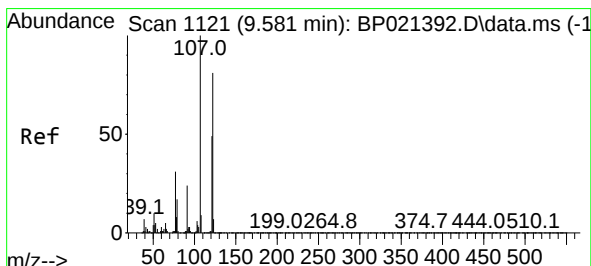
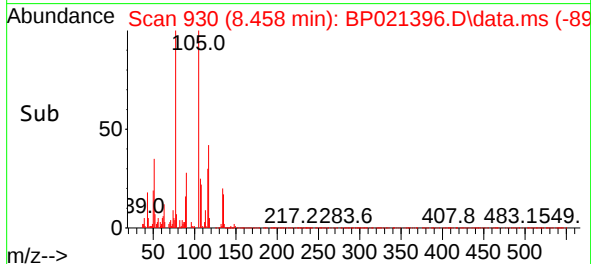
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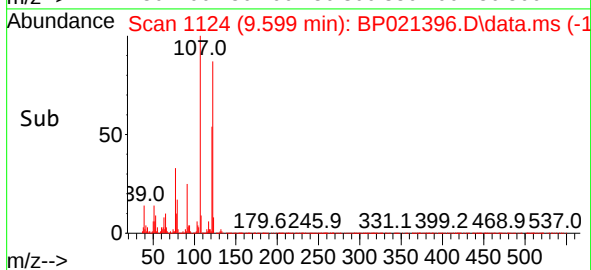
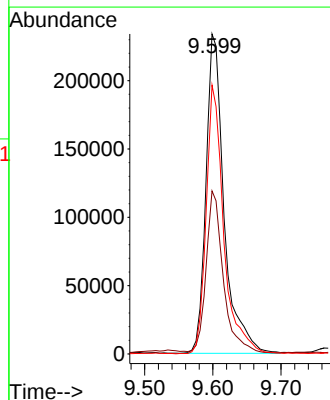
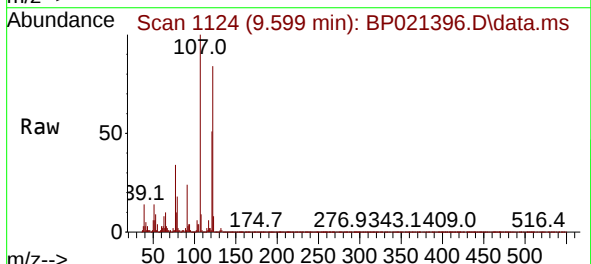
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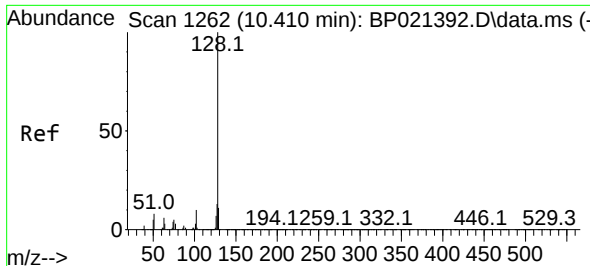
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#26
2,4-Dimethylphenol
Concen: 30.272 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. -0.005 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

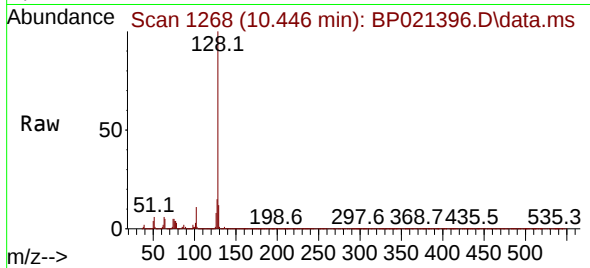
Tgt Ion:107 Resp: 432968
Ion Ratio Lower Upper
107 100
121 50.9 39.6 59.4
122 84.0 66.3 99.5





#30
Naphthalene
Concen: 1077.155 ng/ul m
RT: 10.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

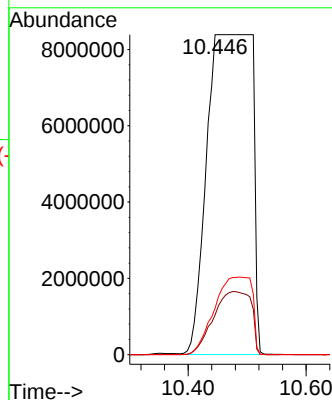
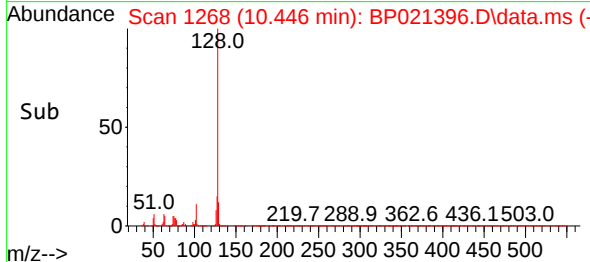
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:128 Resp:4432381
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 14.5 10.8 16.2

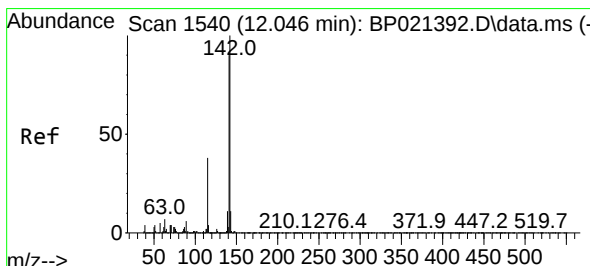
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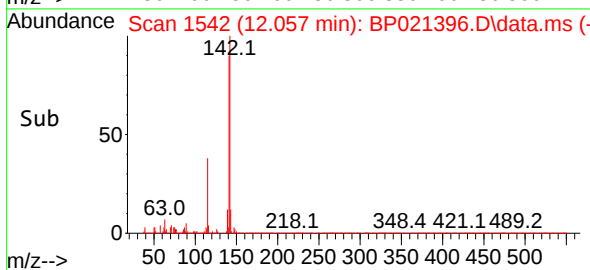
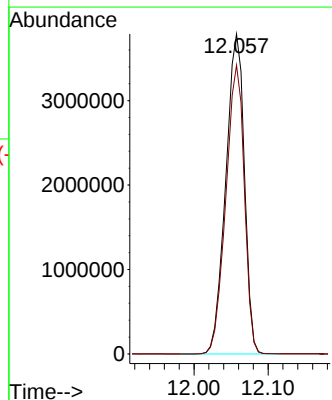
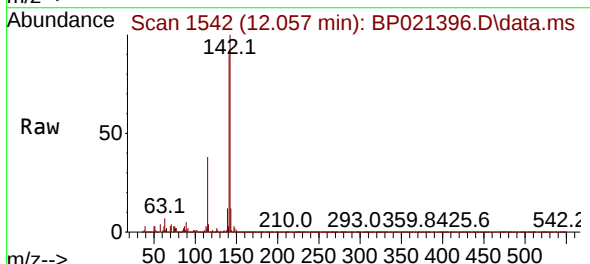
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ahmed

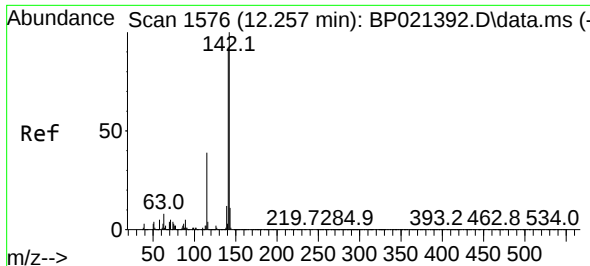
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#36
2-Methylnaphthalene
Concen: 233.669 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

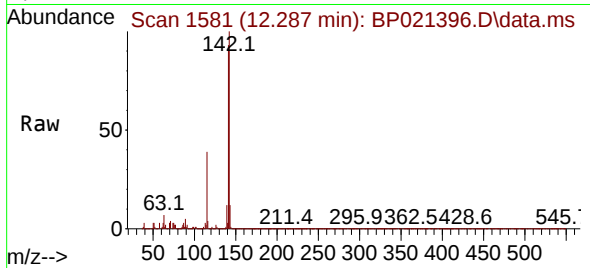
Tgt Ion:142 Resp: 6600256
Ion Ratio Lower Upper
142 100
141 90.3 72.6 108.8





#37
1-Methylnaphthalene
Concen: 313.446 ng/ul
RT: 12.287 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

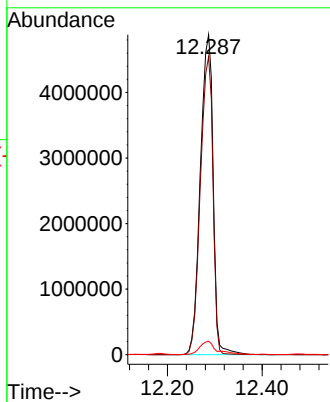
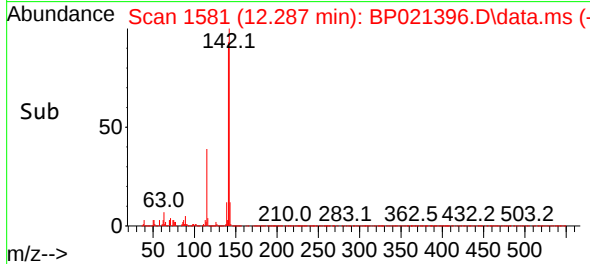
Instrument :
BNA_P
ClientSampleId :
C0AX7



Tgt Ion:142 Resp: 910580
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.6
116 4.2 3.2 4.8

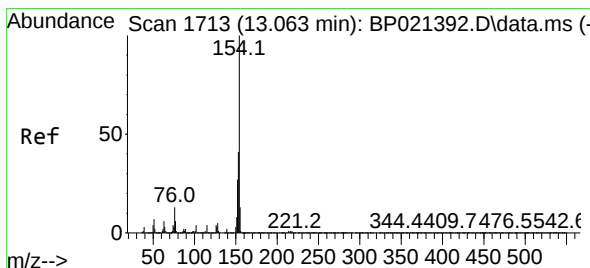
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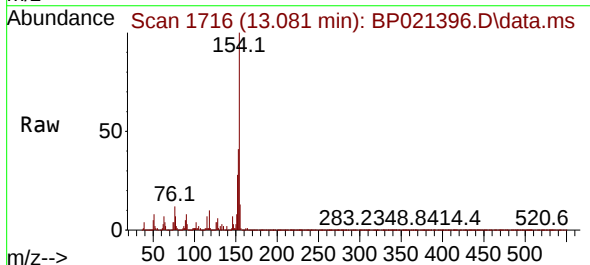


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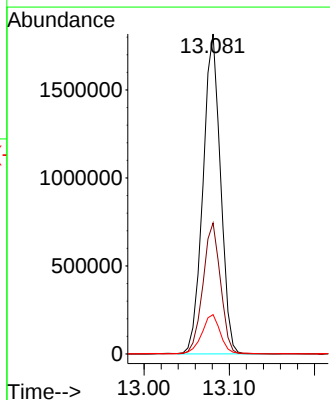
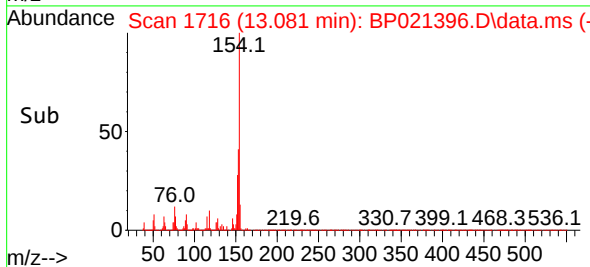
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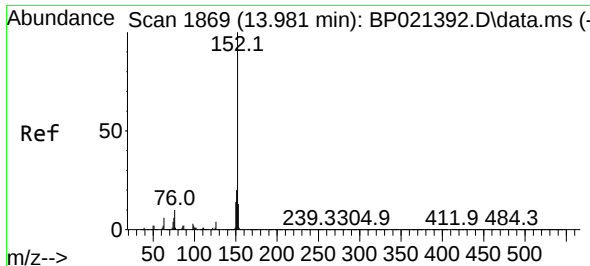


#43
1,1'-Biphenyl
Concen: 66.436 ng/ul
RT: 13.081 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32



Tgt Ion:154 Resp: 2597112
Ion Ratio Lower Upper
154 100
153 41.0 32.7 49.1
76 12.3 9.4 14.2





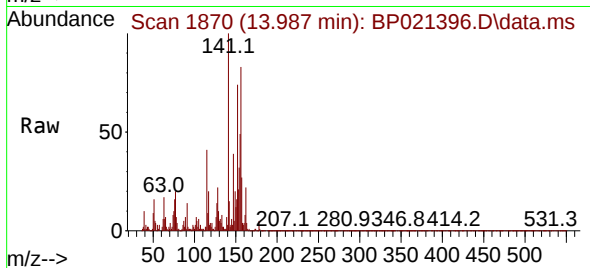
#50
Acenaphthylene
Concen: 4.882 ng/u1
RT: 13.987 min Scan# 1869
Delta R.T. -0.005 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Instrument :

BNA_P

ClientSampleId :

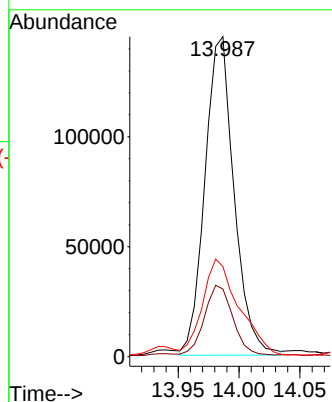
C0AX7



Tgt Ion:152 Resp: 241360
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 28.2 10.3 15.5

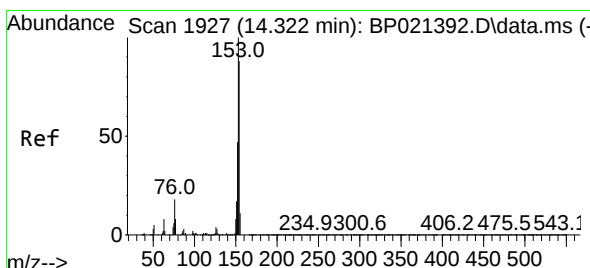
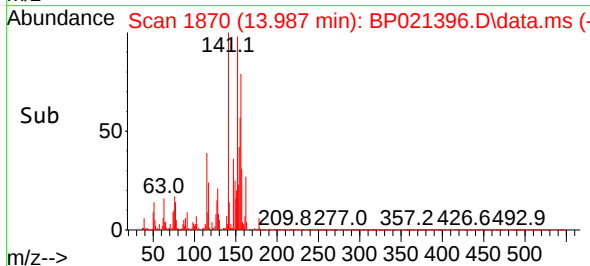
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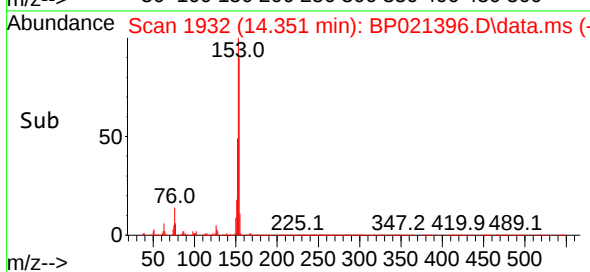
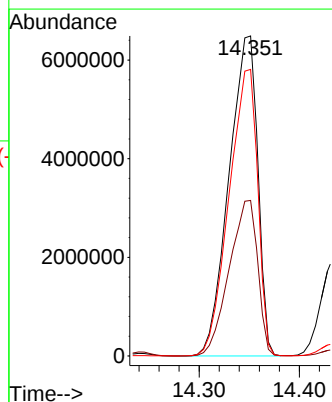
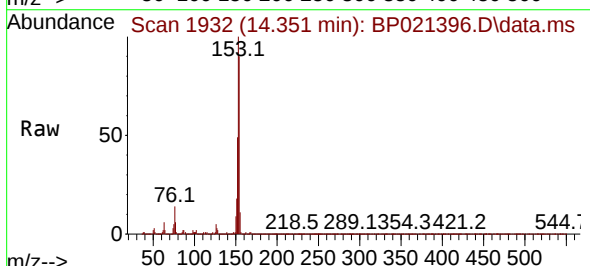
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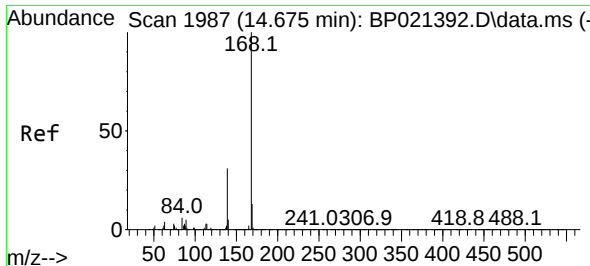
08/09/2024



#52
Acenaphthene
Concen: 394.579 ng/u1
RT: 14.351 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Tgt Ion:153 Resp:12946811
Ion Ratio Lower Upper
153 100
152 48.6 37.8 56.6
154 89.6 71.8 107.6





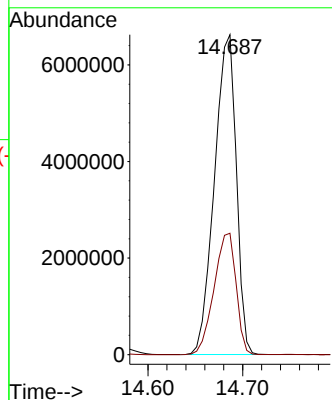
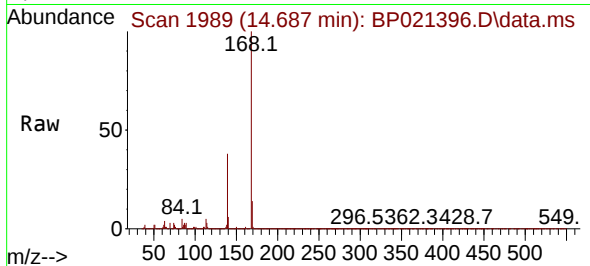
#56
Dibenzenofuran
Concen: 236.491 ng/ul
RT: 14.687 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Instrument :
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Tgt Ion:168 Resp:1062606
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7

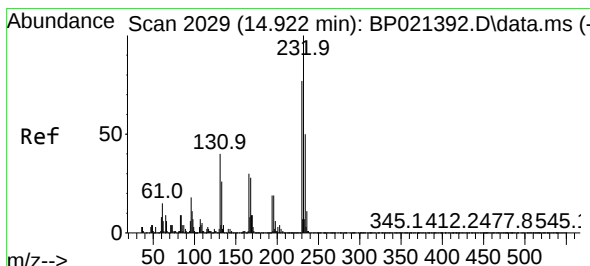
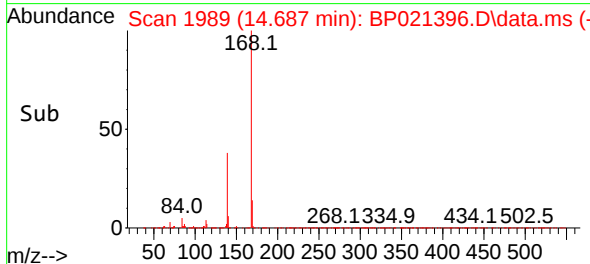
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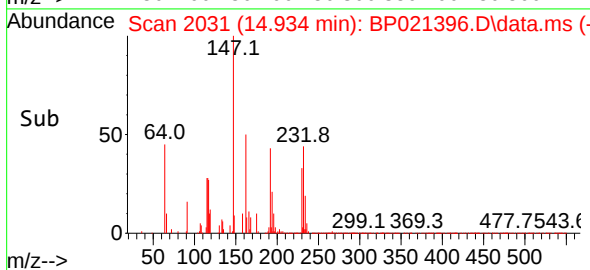
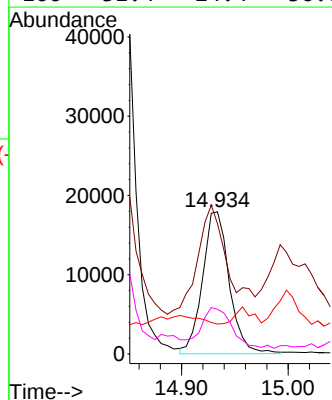
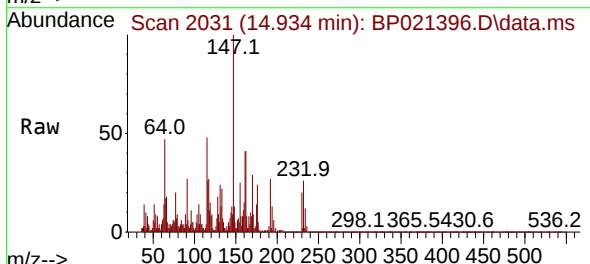
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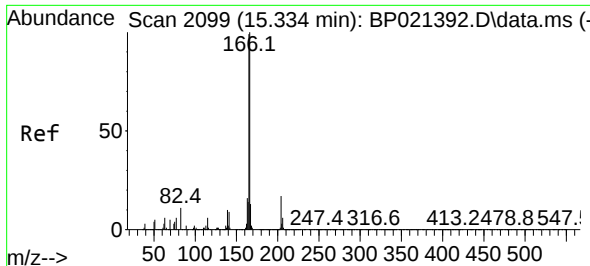
08/09/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.145 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Tgt Ion:232 Resp: 31273
Ion Ratio Lower Upper
232 100
131 91.7 34.4 51.6#
130 21.0 2.0 3.0#
166 31.4 24.4 36.6





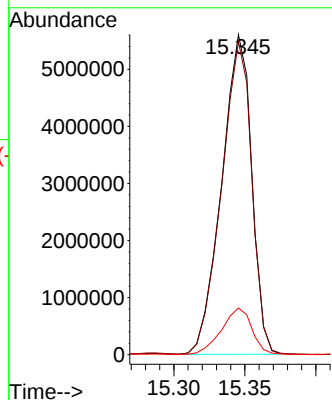
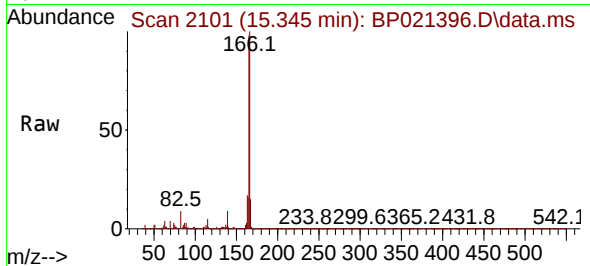
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Fluorene
Concen: 224.832 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:166 Resp: 824370
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.6 10.9 16.3

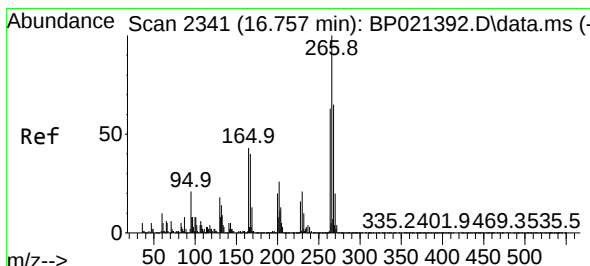
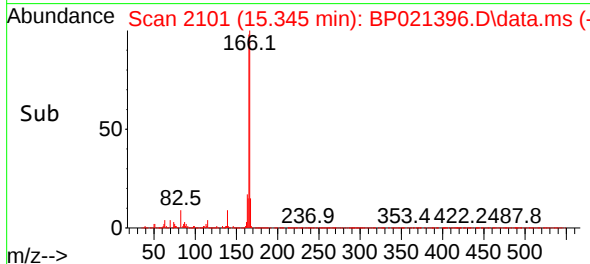
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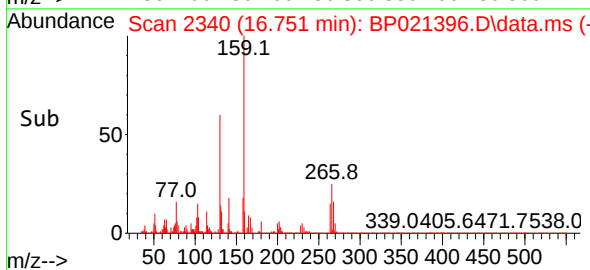
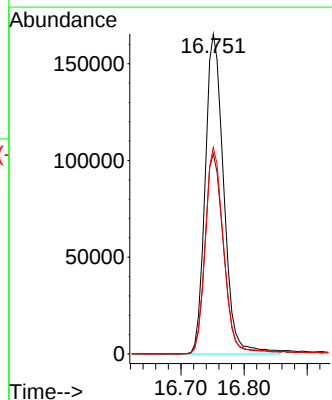
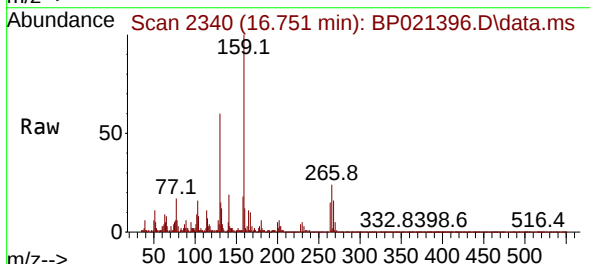
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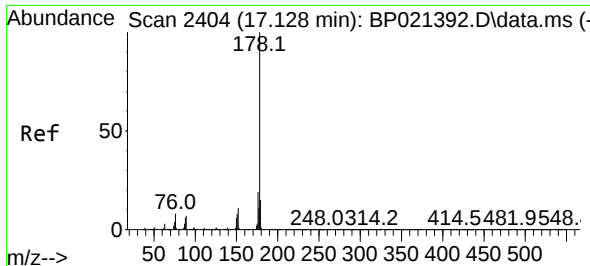
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#71
Pentachlorophenol
Concen: 40.566 ng/ul
RT: 16.751 min Scan# 2340
Delta R.T. 0.000 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

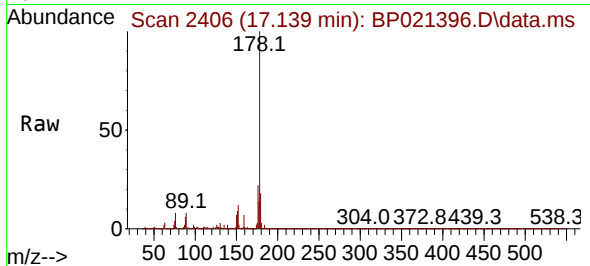
Tgt Ion:266 Resp: 337359
Ion Ratio Lower Upper
266 100
264 62.6 52.3 78.5
268 64.5 52.3 78.5





#72
Phenanthrene
Concen: 244.516 ng/uI
RT: 17.139 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

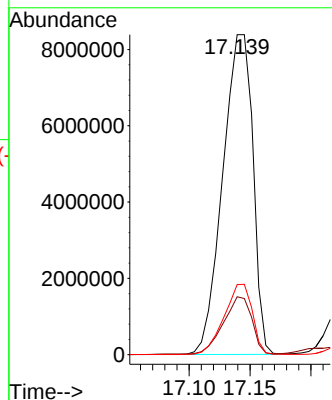
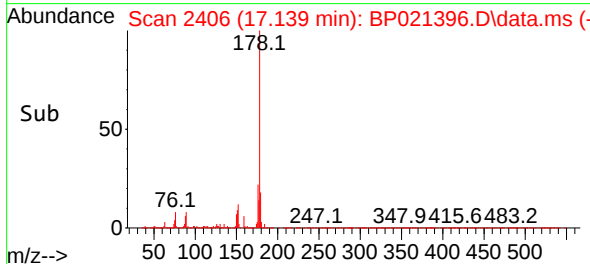
Instrument :
BNA_P
ClientSampleId :
C0AX7



Tgt Ion:178 Resp:1445202
Ion Ratio Lower Upper
178 100
179 18.1 12.2 18.4
176 21.9 15.0 22.4

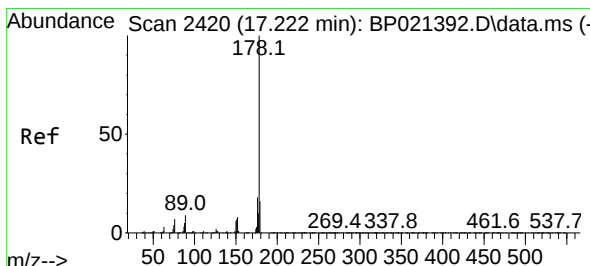
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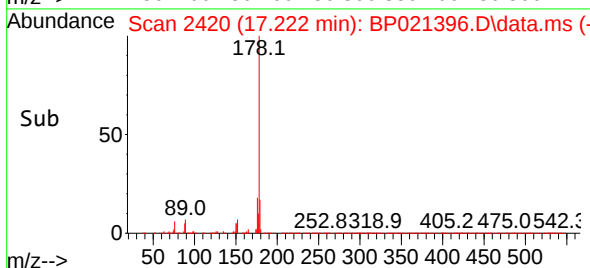
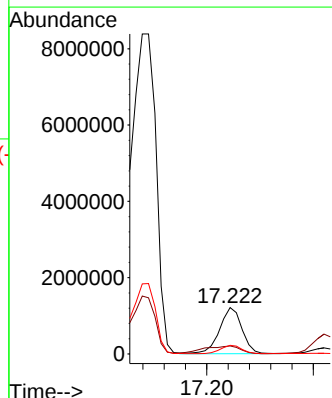
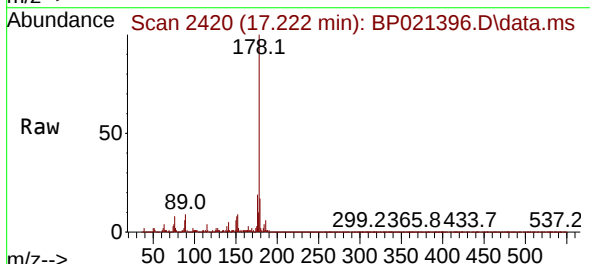
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Supervised By :mohammad
ahmed

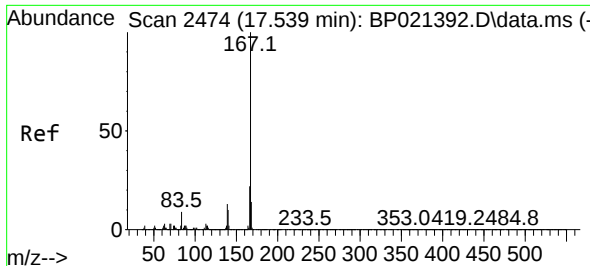
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#74
Anthracene
Concen: 29.342 ng/uI
RT: 17.222 min Scan# 2420
Delta R.T. -0.011 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

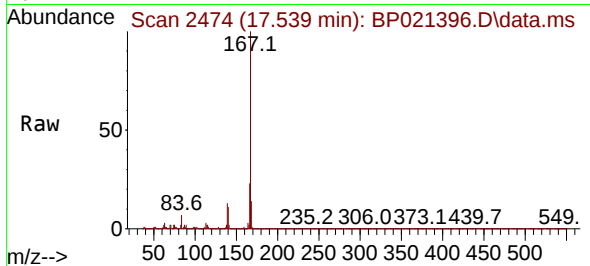
Tgt Ion:178 Resp: 1768017
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.5 14.8 22.2





#77
 Carbazole
 Concen: 230.469 ng/u1
 RT: 17.539 min Scan# 2474
 Delta R.T. 0.018 min
 Lab File: BP021396.D
 Acq: 06 Aug 2024 18:32

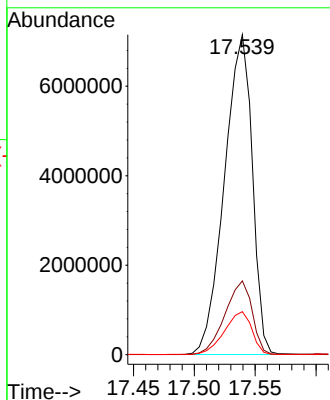
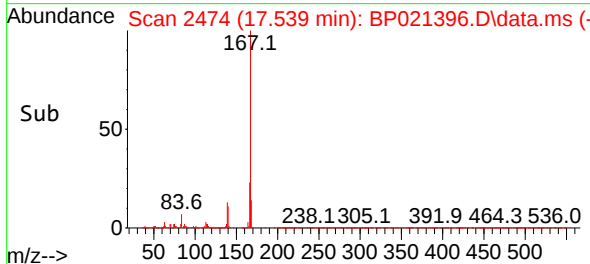
Instrument :
 BNA_P
 ClientSampleId :
 C0AX7



Tgt Ion:167 Resp:1135208
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.3 25.9
 139 13.5 10.2 15.2

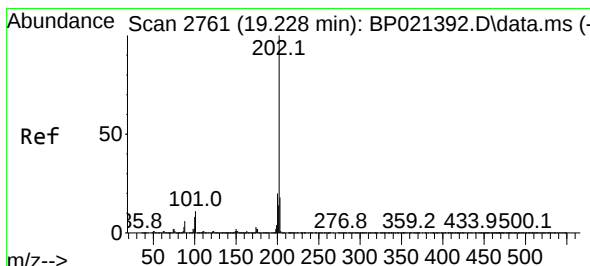
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Reviewed By :Yogesh
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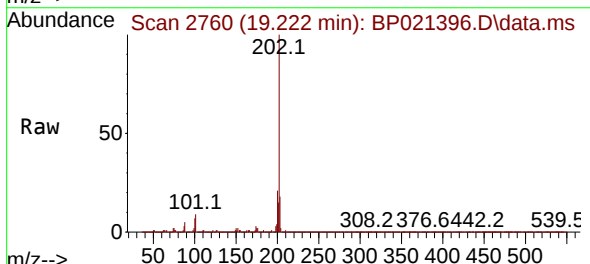


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 Supervised By :mohammad
 ahmed

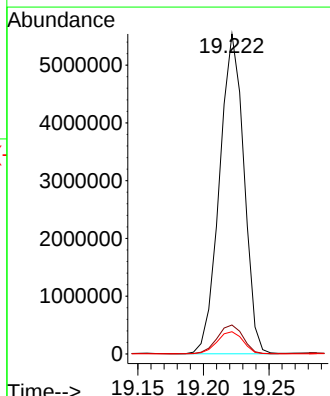
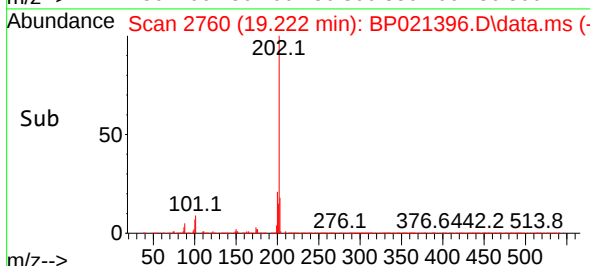
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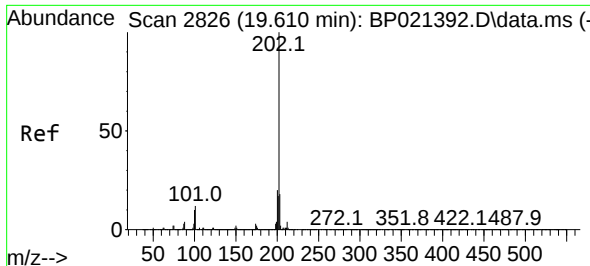


#80
 Fluoranthene
 Concen: 82.478 ng/u1
 RT: 19.222 min Scan# 2760
 Delta R.T. -0.011 min
 Lab File: BP021396.D
 Acq: 06 Aug 2024 18:32



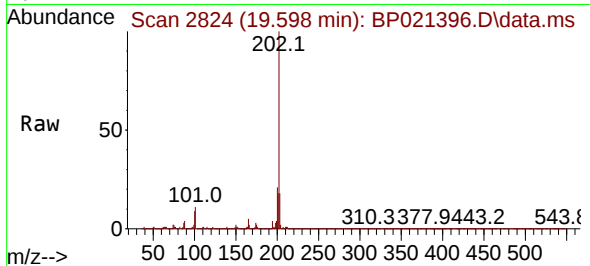
Tgt Ion:202 Resp: 7181269
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.0 12.0
 100 7.0 6.1 9.1





#82
Pyrene
Concen: 53.520 ng/ul
RT: 19.598 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

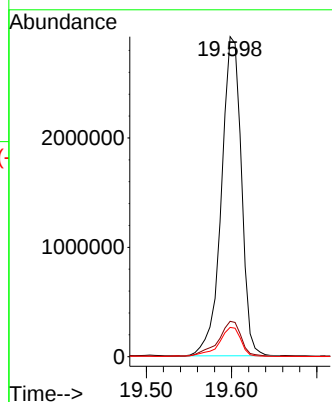
Instrument :
BNA_P
ClientSampleId :
C0AX7



Tgt Ion:202 Resp: 4741919
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.2
100 9.2 7.8 11.6

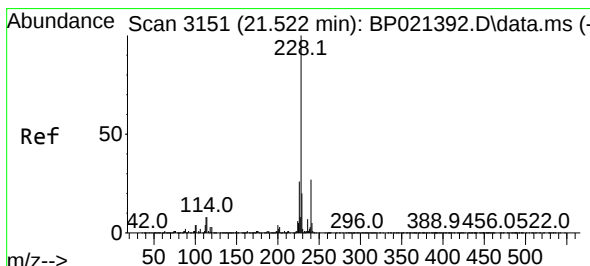
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Reviewed By :Yogesh
Patel



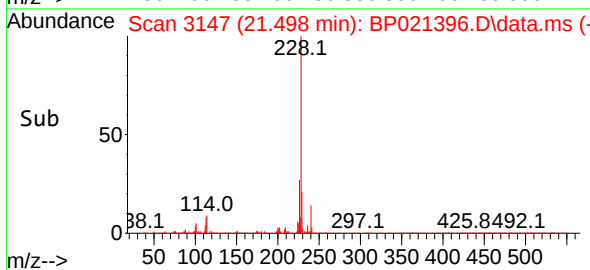
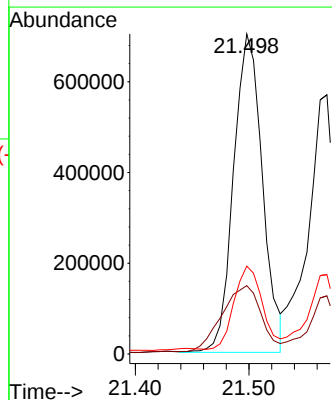
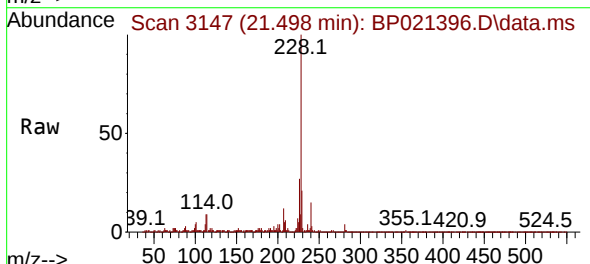
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ahmed

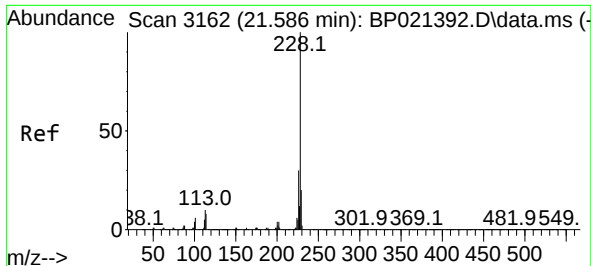
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#85
Benzo(a)anthracene
Concen: 15.170 ng/ul
RT: 21.498 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

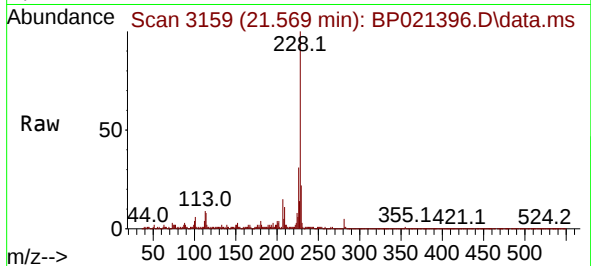
Tgt Ion:228 Resp: 1239229
Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 27.4 21.4 32.2





#87
Chrysene
Concen: 12.540 ng/ul
RT: 21.569 min Scan# 3162
Delta R.T. -0.017 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

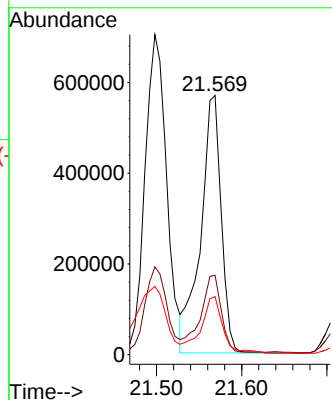
Instrument :
BNA_P
ClientSampleId :
C0AX7



Tgt Ion:228 Resp: 951920
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.4 15.5 23.3

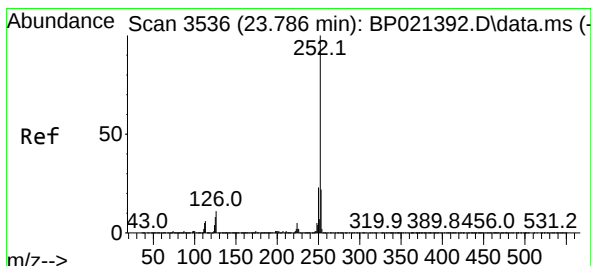
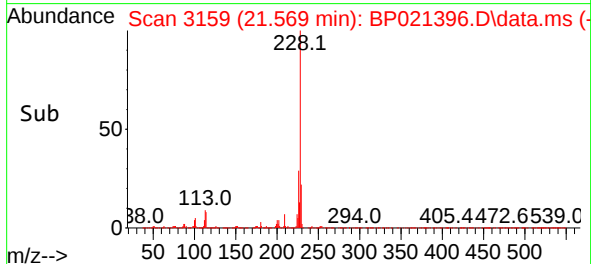
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Patel



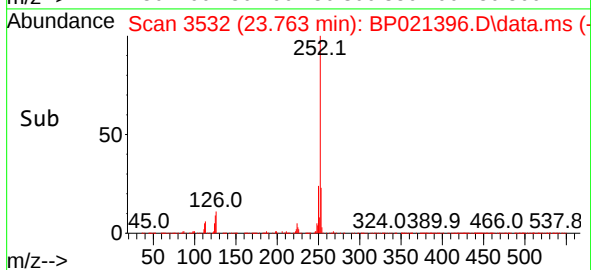
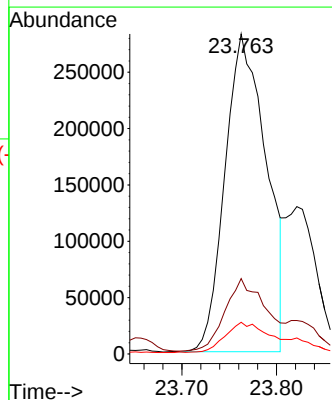
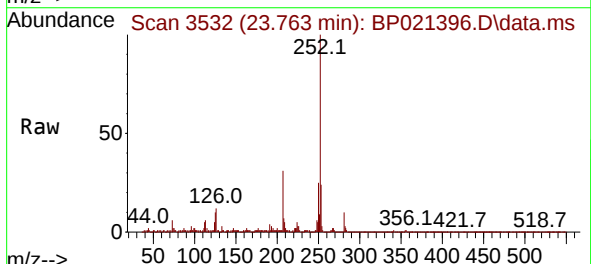
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ahmed

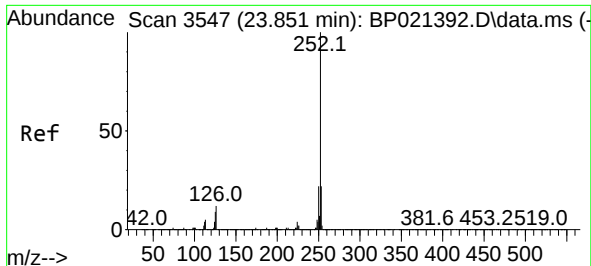
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#90
Benzo(b)fluoranthene
Concen: 10.255 ng/ul
RT: 23.763 min Scan# 3532
Delta R.T. -0.023 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

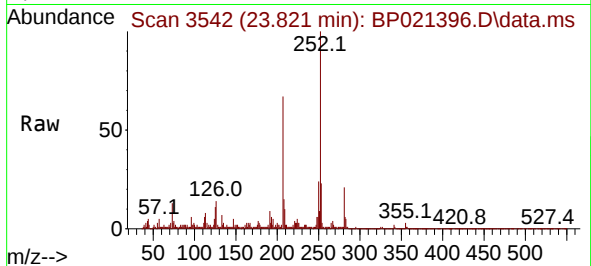
Tgt Ion:252 Resp: 854644
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 9.9 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 3.567 ng/ul m
RT: 23.821 min Scan# 3547
Delta R.T. -0.029 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

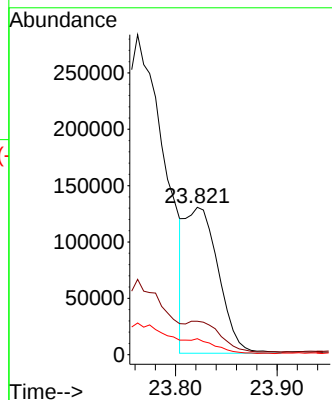
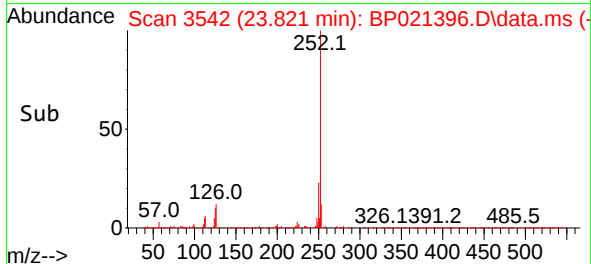
Instrument :
BNA_P
ClientSampleId :
C0AX7



Tgt Ion:252 Resp: 29665
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.9 7.4 11.0

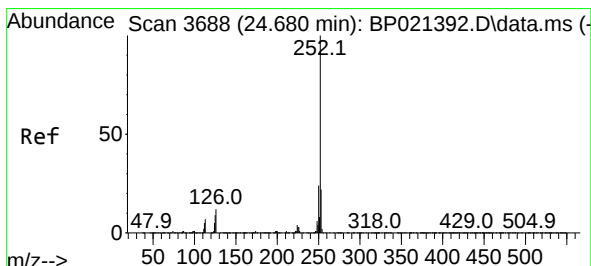
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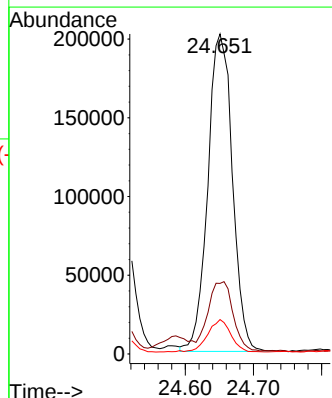
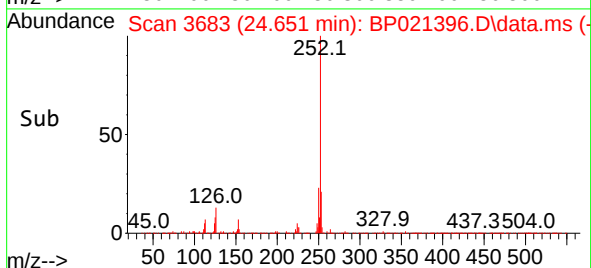
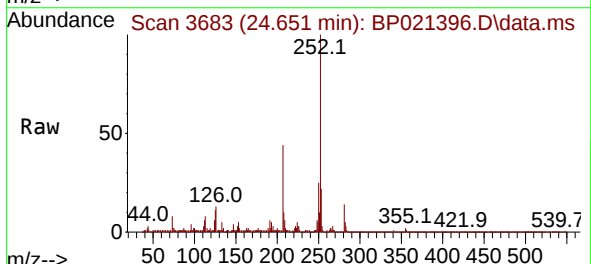
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Supervised By :mohammad
ahmed

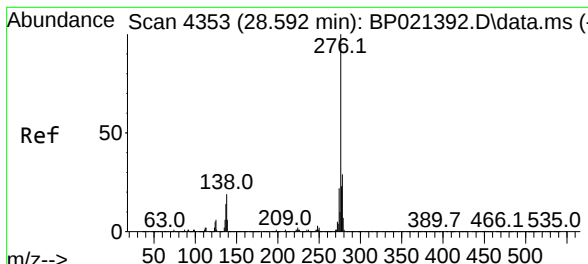
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#93
Benzo(a)pyrene
Concen: 6.435 ng/ul
RT: 24.651 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP021396.D
Acq: 06 Aug 2024 18:32

Tgt Ion:252 Resp: 506765
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.7 7.7 11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.272 ng/ul m
 RT: 28.562 min Scan# 4353
 Delta R.T. -0.035 min
 Lab File: BP021396.D
 Acq: 06 Aug 2024 18:32

Instrument :

BNA_P

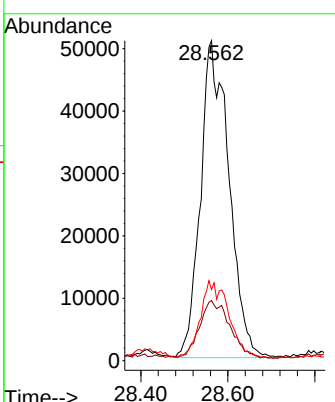
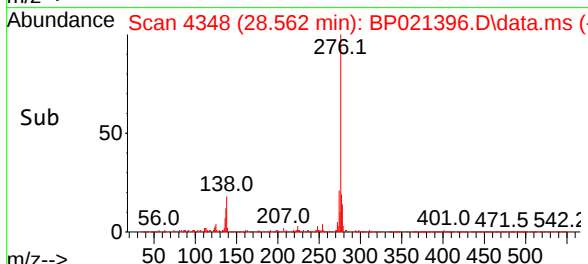
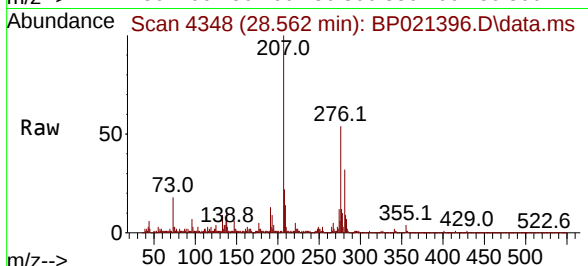
ClientSampleId :

C0AX7

Tgt Ion:	276	Resp:	23051
Ion Ratio	Lower	Upper	
276	100		
138	18.8	14.3	21.5
277	22.2	19.2	28.8

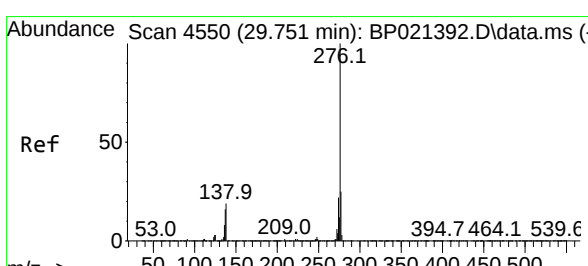
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 ahmed

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#96
 Benzo(g,h,i)perylene
 Concen: 2.514 ng/ul
 RT: 29.739 min Scan# 4548
 Delta R.T. -0.023 min
 Lab File: BP021396.D
 Acq: 06 Aug 2024 18:32

Tgt Ion:	276	Resp:	207801
Ion Ratio	Lower	Upper	
276	100		
138	18.9	15.3	22.9
277	25.2	18.2	27.2

