

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021405.D
 Acq On : 07 Aug 2024 02:20
 Operator : CG/JU
 Sample : P3329-05DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E07DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 07 03:07:15 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

08/08/2024
 Supervised By :mohammad
 ahmed

08/09/2024
 Supervised By :mohammad
 ahmed

08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	151079	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	648215	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	451077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	995835	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	931189	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1232828	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	2072	0.624	ng/uL	-0.02
4) Pyridine-d5	3.628	84	18578m	1.933	ng/u1	0.04
7) Phenol-d5	6.911	99	26140m	2.122	ng/u1	0.07
9) Bis-(2-Chloroethyl)eth...	6.987	67	17777	2.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	27932	2.752	ng/u1	0.02
15) 4-Methylphenol-d8	8.405	113	31335	3.063	ng/u1	0.04
21) Nitrobenzene-d5	8.816	128	12513	2.485	ng/u1	0.02
24) 2-Nitrophenol-d4	9.522	143	14510	2.518	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.105	165	29266	2.809	ng/u1	0.05
31) 4-Chloroaniline-d4	10.587	131	47511m	3.442	ng/u1	0.03
46) Dimethylphthalate-d6	13.675	166	113619	3.465	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	116779	3.172	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.281	176	96127	3.573	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.186	188	157911	3.570	ng/u1	0.00
81) Pyrene-d10	19.575	212	198566	3.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	219820	3.615	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	9.628	107	29315	2.474	ng/u1	93
30) Naphthalene	10.446	128	16898946	495.620	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	3262219	139.380	ng/u1	98
37) 1-Methylnaphthalene	12.269	142	1481468	61.544	ng/u1	98
43) 1,1'-Biphenyl	13.081	154	801584	24.316	ng/u1	98
50) Acenaphthylene	13.987	152	176345	4.230	ng/u1#	95
52) Acenaphthene	14.328	153	2319682	83.836	ng/u1	99
56) Dibenzofuran	14.675	168	2758876	72.812	ng/u1	99
61) Fluorene	15.340	166	2750151	88.945	ng/u1	100
72) Phenanthrene	17.134	178	10959333	212.144	ng/u1	98
74) Anthracene	17.228	178	4037135	76.656	ng/u1	99
77) Carbazole	17.528	167	2416182	56.122	ng/u1	100
80) Fluoranthene	19.233	202	7087903	101.949	ng/u1	98
82) Pyrene	19.610	202	4997008	70.632	ng/u1	99
85) Benzo(a)anthracene	21.516	228	1501175	23.013	ng/u1	97
87) Chrysene	21.580	228	1193384	19.689	ng/u1	97
90) Benzo(b)fluoranthene	23.780	252	936369m	12.516	ng/u1	
91) Benzo(k)fluoranthene	23.857	252	359268m	4.812	ng/u1	
93) Benzo(a)pyrene	24.668	252	581829	8.230	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.598	276	197433m	2.167	ng/u1	
96) Benzo(g,h,i)perylene	29.786	276	140245	1.890	ng/u1	95

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

Instrument :
BNA_P
ClientSampleId :
F7E07DL

Manual Integrations
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ahmed

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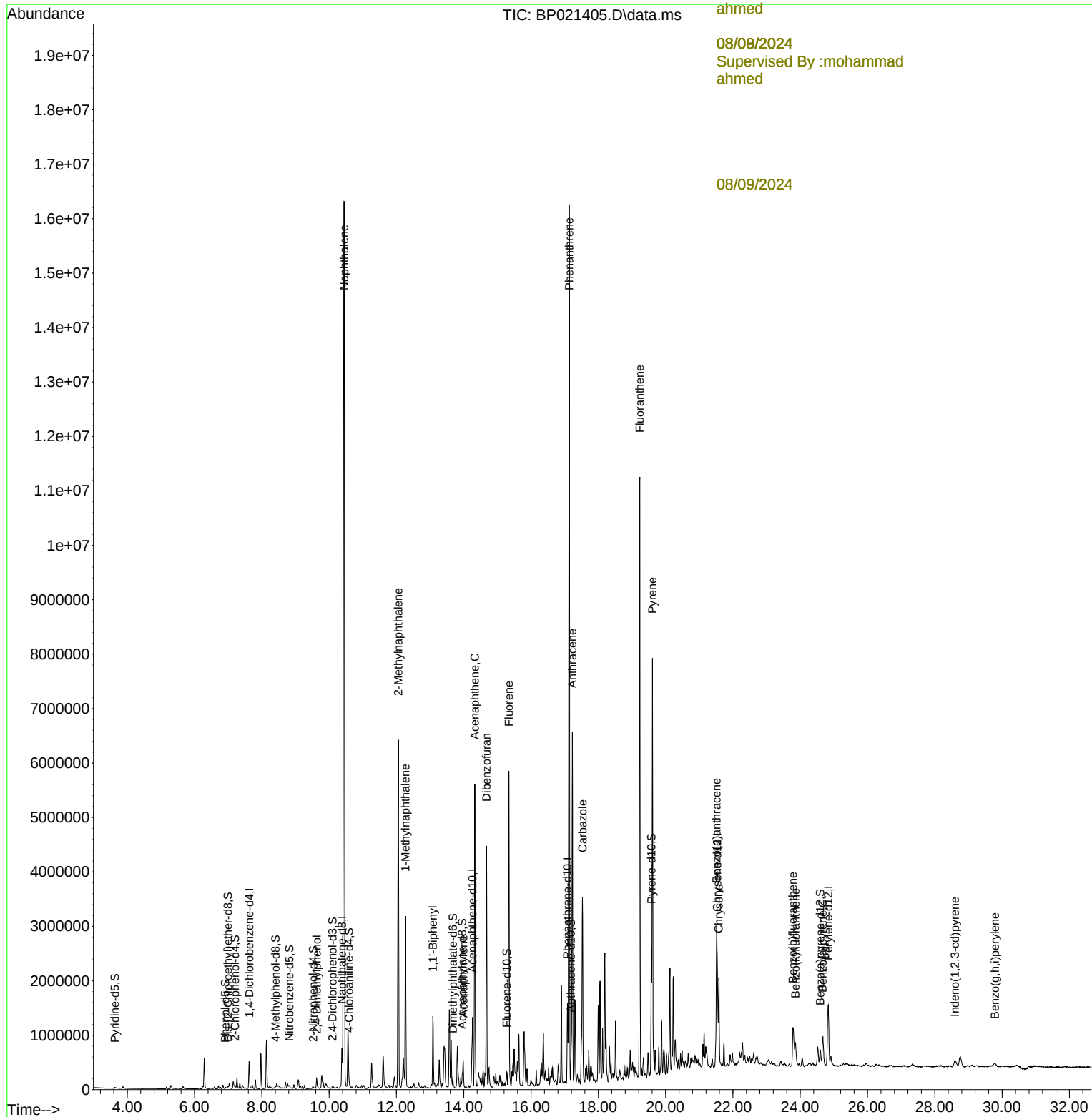
Manual Integrations
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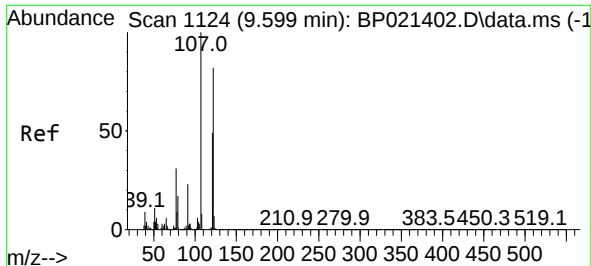
Reviewed By :Yogesh
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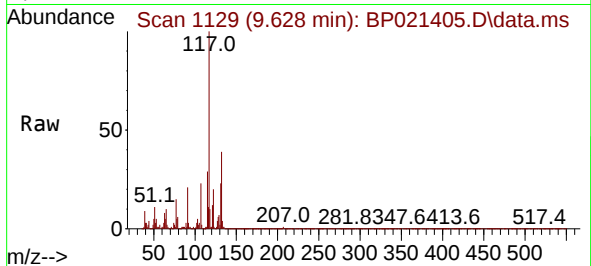
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#26
2,4-Dimethylphenol
Concen: 2.474 ng/ul
RT: 9.628 min Scan# 1124
Delta R.T. 0.024 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
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F7E07DL



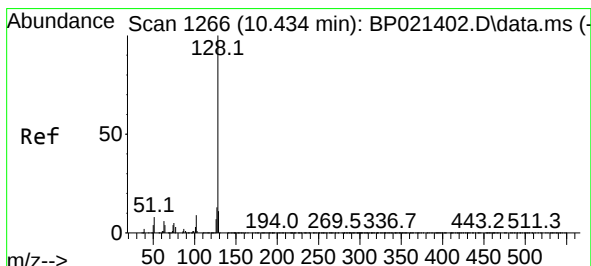
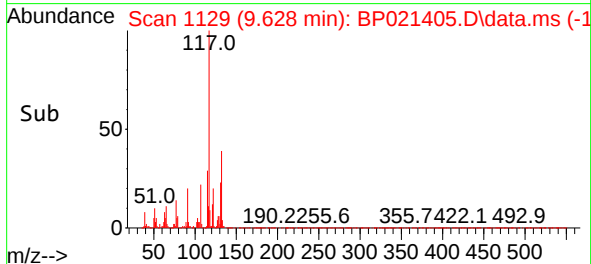
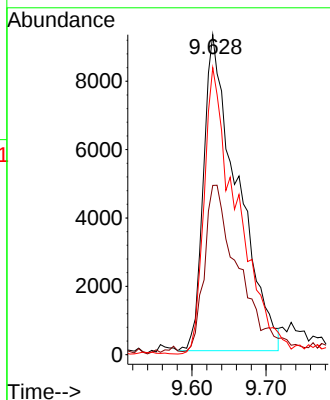
Tgt Ion:107 Resp: 2931
Ion Ratio Lower Upper
107 100
121 52.9 39.6 59.4
122 89.7 66.3 99.5

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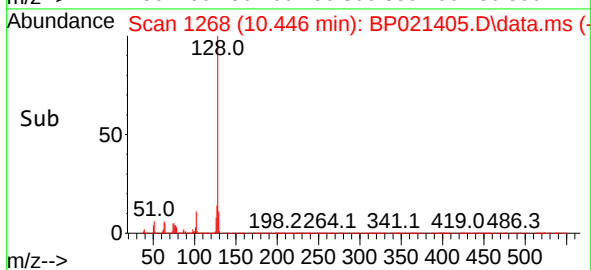
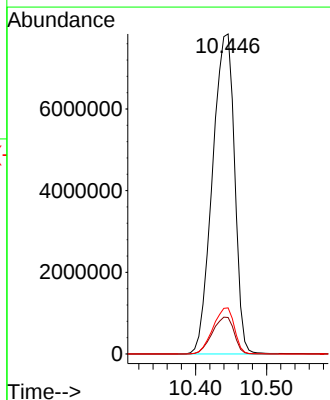
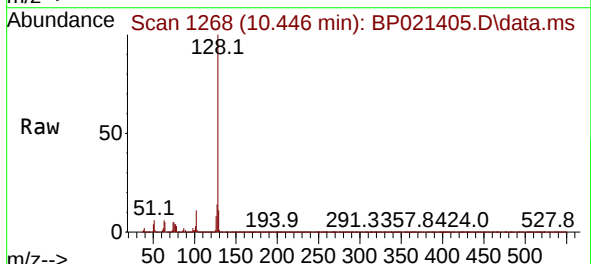
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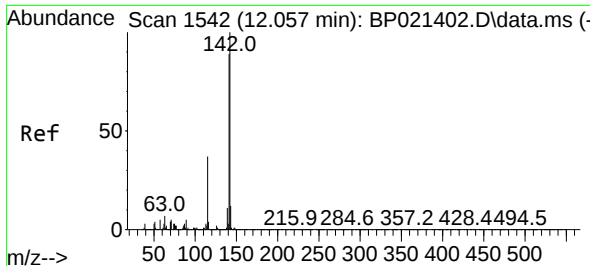
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#30
Naphthalene
Concen: 495.620 ng/ul
RT: 10.446 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

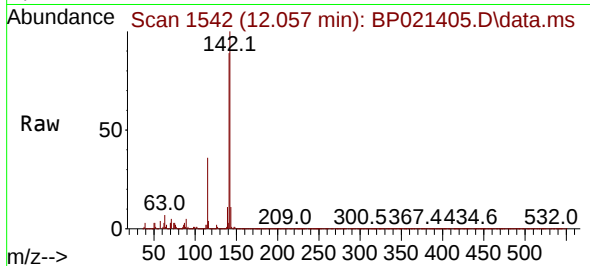
Tgt Ion:128 Resp:16898946
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 14.4 10.8 16.2





#36
2-Methylnaphthalene
Concen: 139.380 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
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F7E07DL



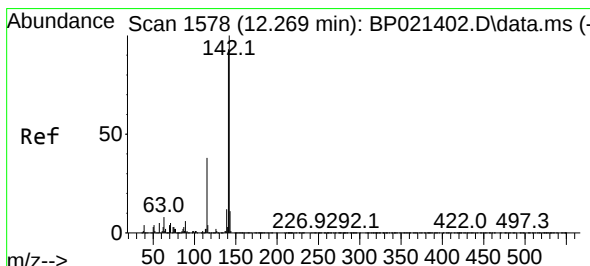
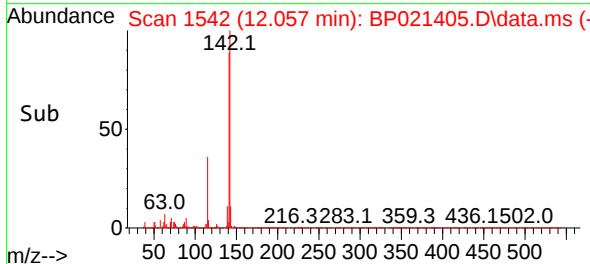
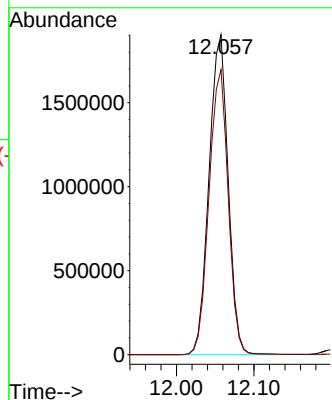
Tgt Ion:142 Resp: 3262219
Ion Ratio Lower Upper
142 100
141 89.0 72.6 108.8

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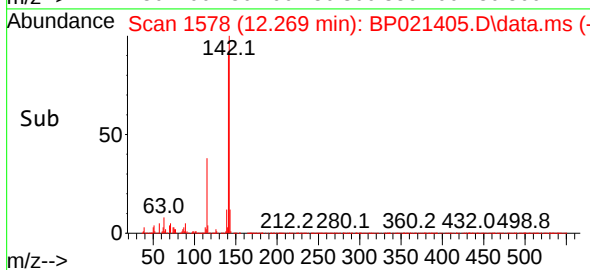
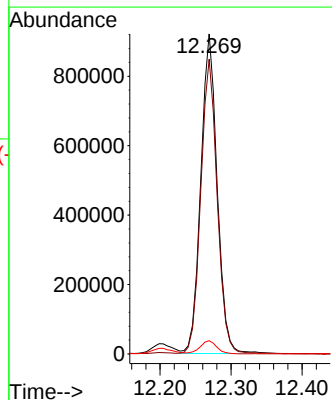
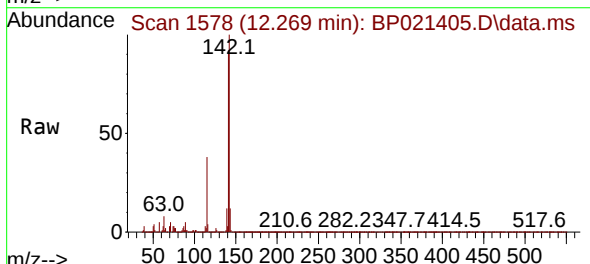
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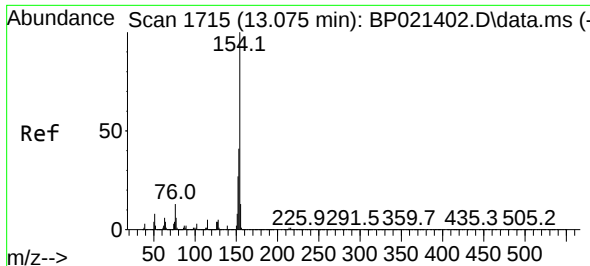
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#37
1-Methylnaphthalene
Concen: 61.544 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

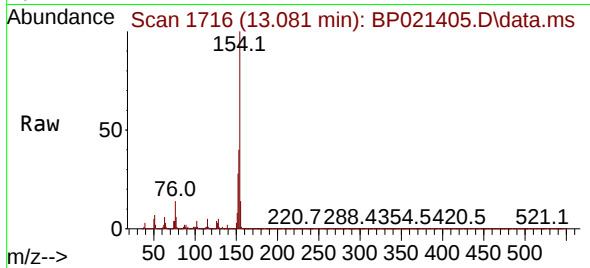
Tgt Ion:142 Resp: 1481468
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.6
116 4.2 3.2 4.8





#43
1,1'-Biphenyl
Concen: 24.316 ng/ul
RT: 13.081 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
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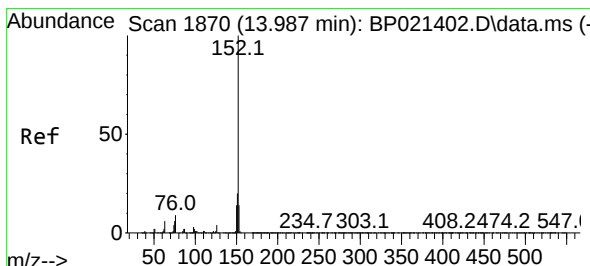
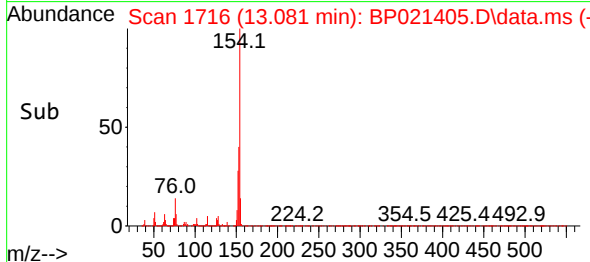
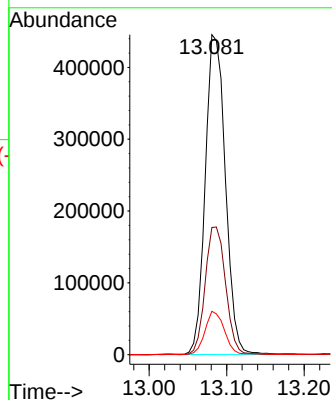
Tgt Ion:154 Resp: 801584
Ion Ratio Lower Upper
154 100
153 39.7 32.7 49.1
76 13.6 9.4 14.2

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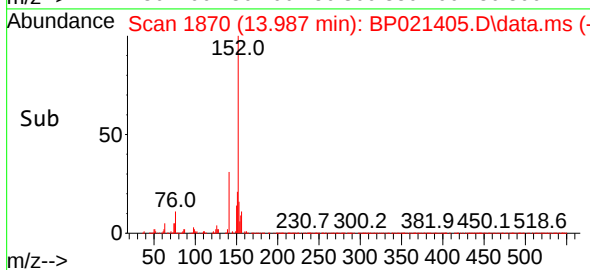
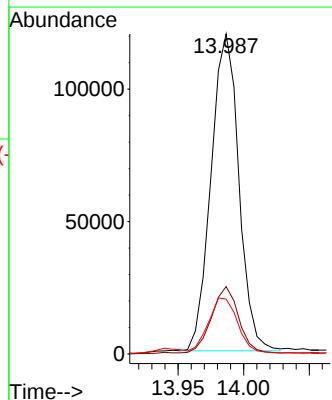
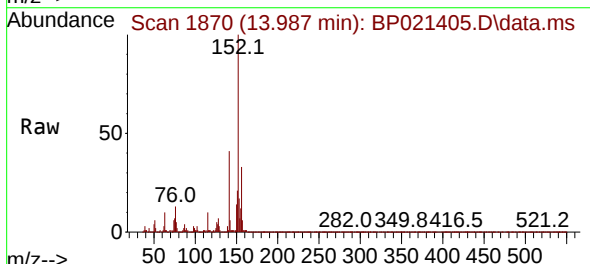
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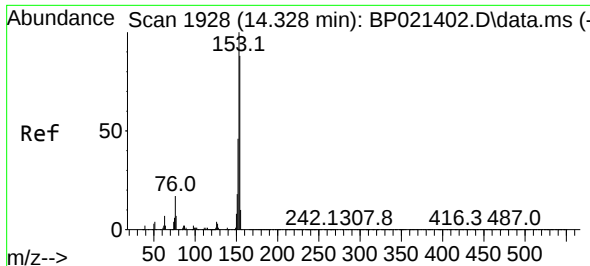
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#50
Acenaphthylene
Concen: 4.230 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. -0.005 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

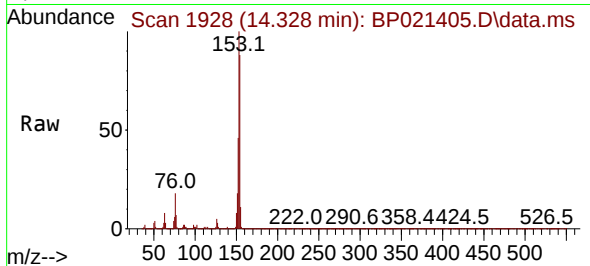
Tgt Ion:152 Resp: 176345
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 17.2 10.3 15.5#





#52
Acenaphthene
Concen: 83.836 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

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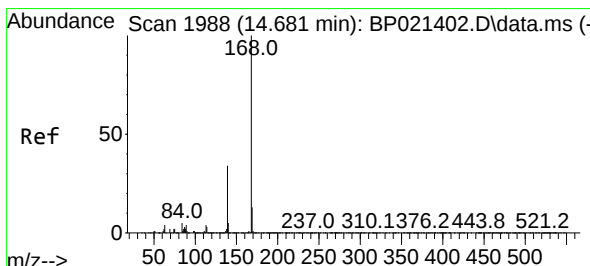
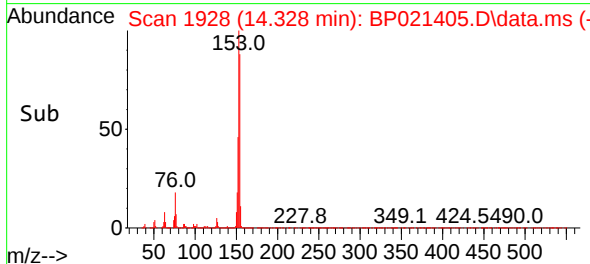
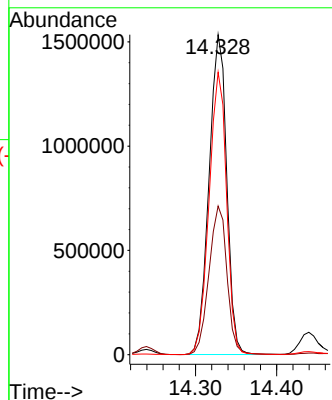
Tgt Ion:153 Resp: 231968
Ion Ratio Lower Upper
153 100
152 46.5 37.8 56.6
154 88.3 71.8 107.6

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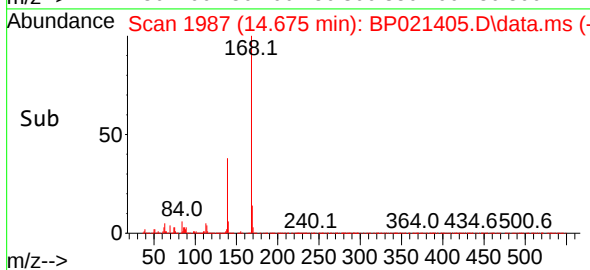
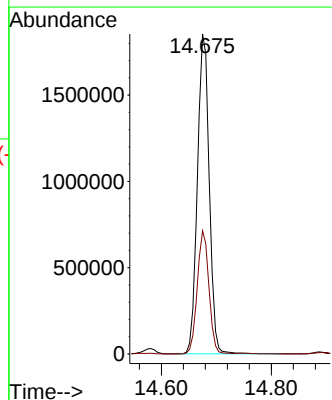
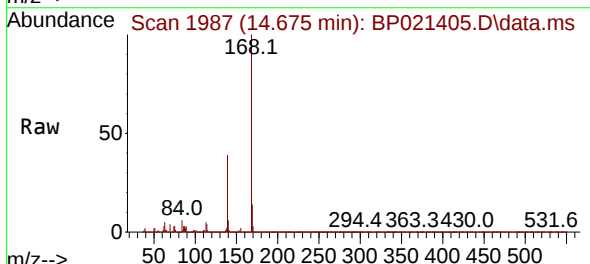
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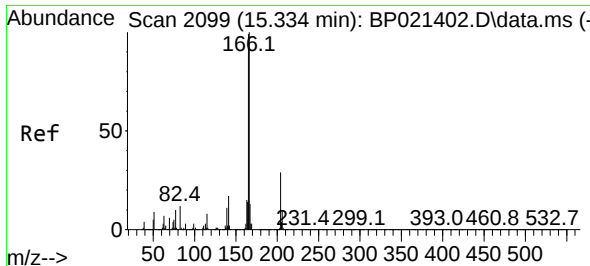
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#56
Dibenzofuran
Concen: 72.812 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

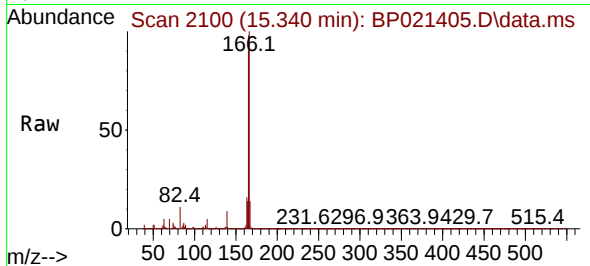
Tgt Ion:168 Resp: 2758876
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7





#61
Fluorene
Concen: 88.945 ng/ul
RT: 15.340 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BP021405.D
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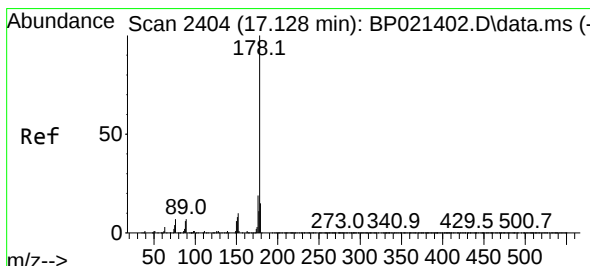
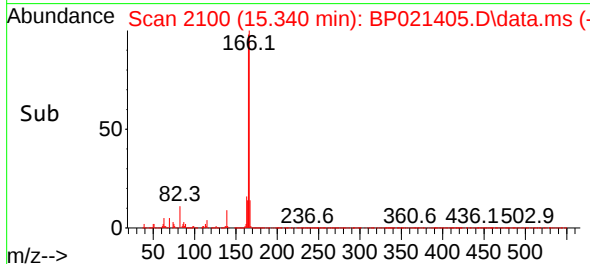
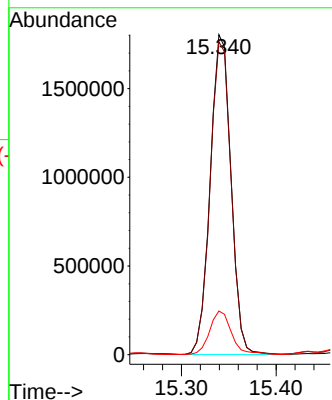
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Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.7 10.9 16.3

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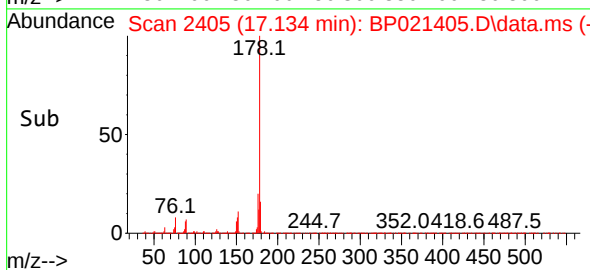
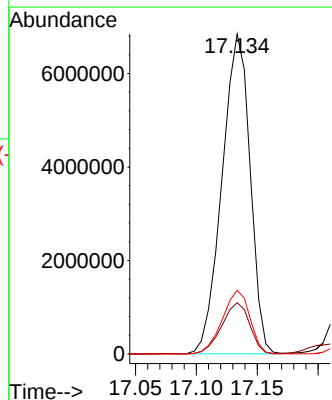
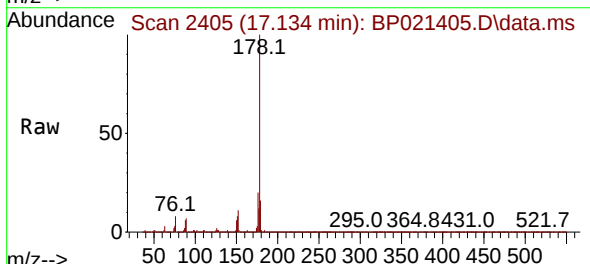
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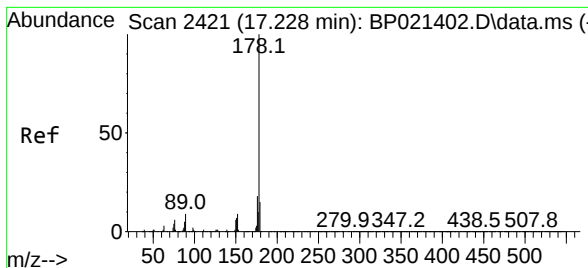
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#72
Phenanthrene
Concen: 212.144 ng/ul
RT: 17.134 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Tgt Ion:178 Resp:10959333
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.9 15.0 22.4





#74

Anthracene

Concen: 76.656 ng/uI

RT: 17.228 min Scan# 2421

Delta R.T. -0.005 min

Lab File: BP021405.D

Acq: 07 Aug 2024 02:20

Instrument :

BNA_P

ClientSampleId :

F7E07DL

Tgt Ion:178 Resp: 4037135

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.3	14.8	22.2

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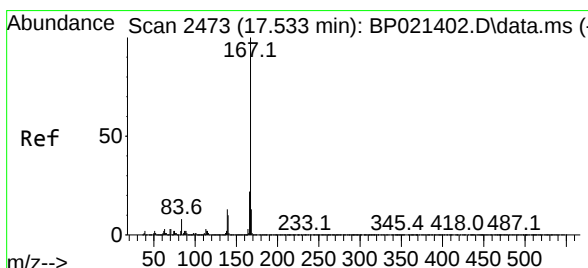
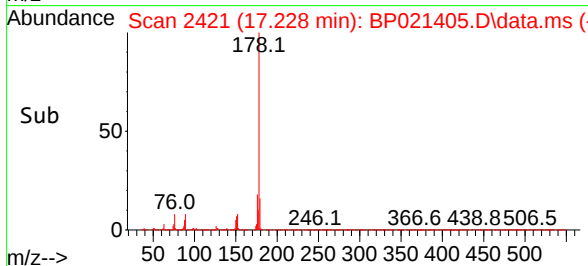
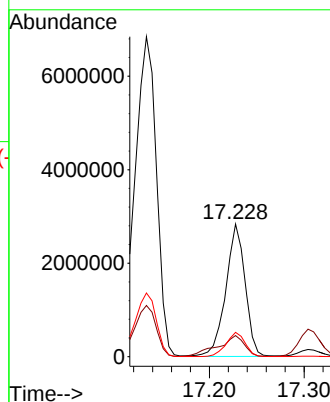
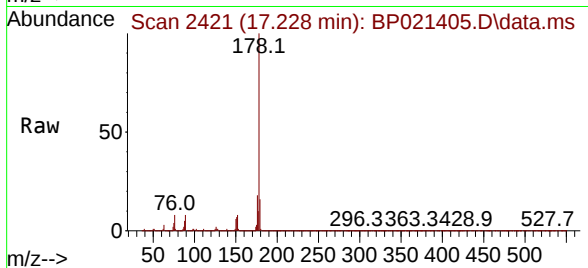
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#77

Carbazole

Concen: 56.122 ng/uI

RT: 17.528 min Scan# 2472

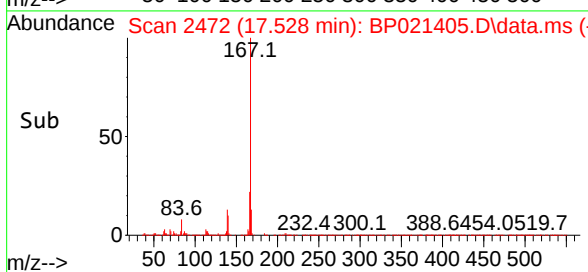
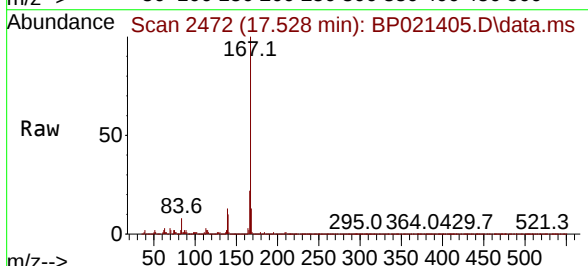
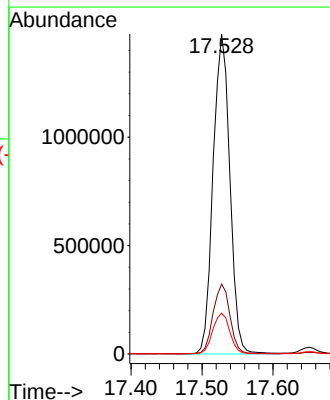
Delta R.T. 0.006 min

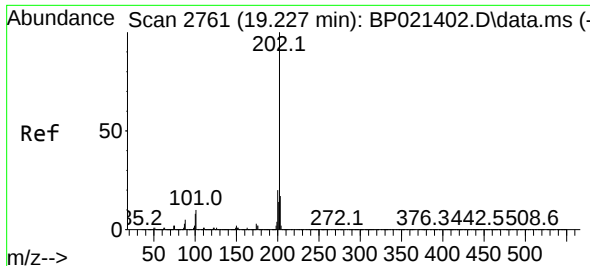
Lab File: BP021405.D

Acq: 07 Aug 2024 02:20

Tgt Ion:167 Resp: 2416182

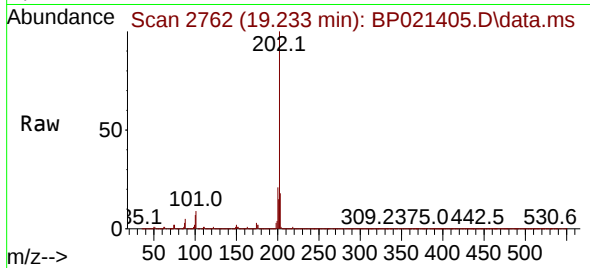
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	12.7	10.2	15.2





#80
Fluoranthene
Concen: 101.949 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
ClientSampleId :
F7E07DL



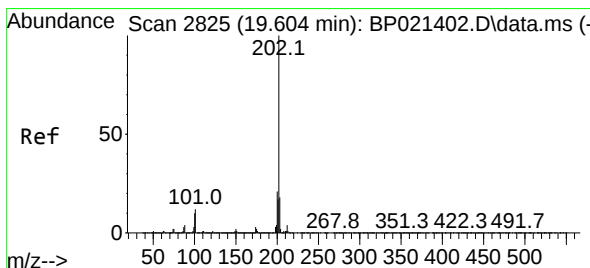
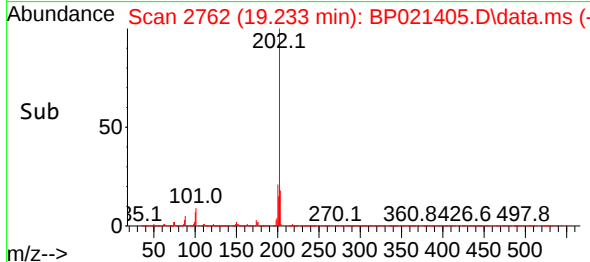
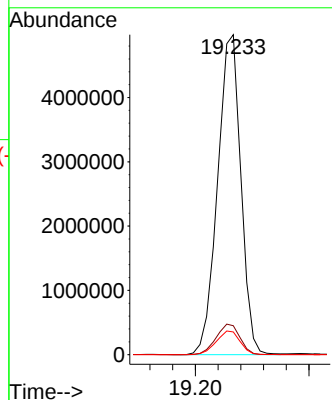
Tgt Ion:202 Resp: 708790
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 7.1 6.1 9.1

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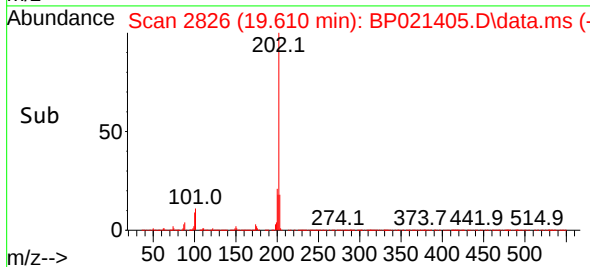
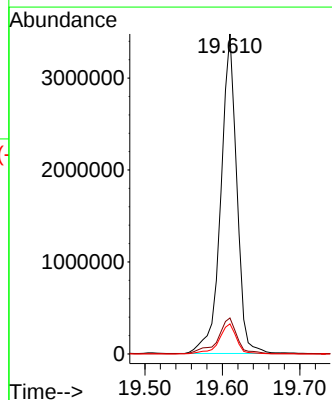
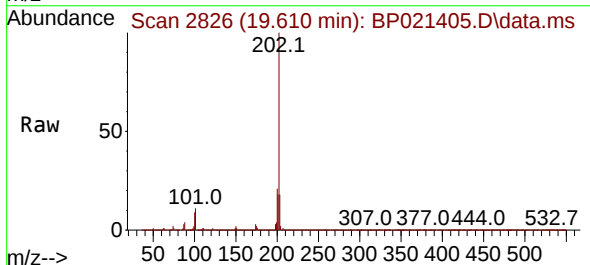
08/08/2024
Supervised By :mohammad
ahmed

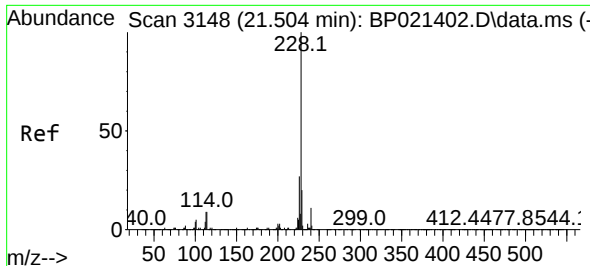
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Supervised By :mohammad
ahmed



#82
Pyrene
Concen: 70.632 ng/u1
RT: 19.610 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

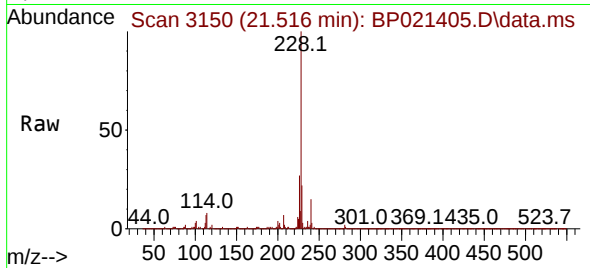
Tgt Ion:202 Resp: 4997008
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.4 7.8 11.6





#85
Benzo(a)anthracene
Concen: 23.013 ng/u1
RT: 21.516 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
ClientSampleId :
F7E07DL



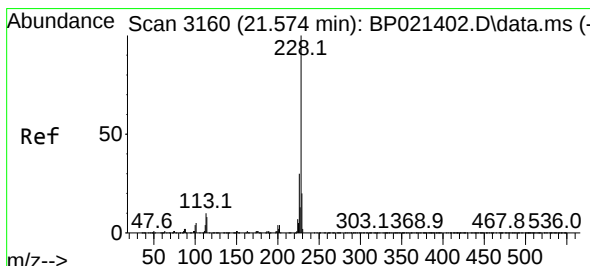
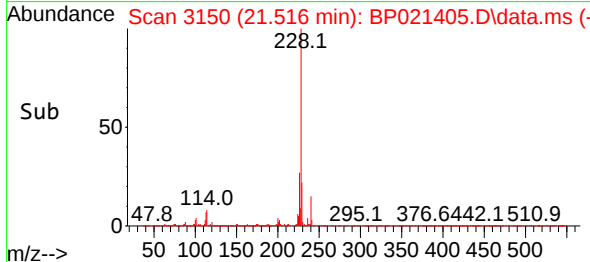
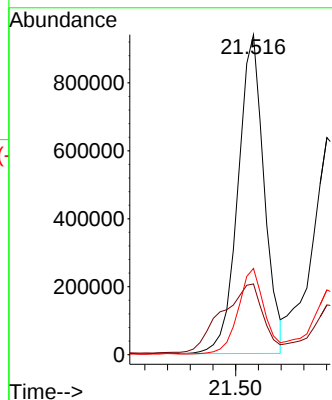
Tgt Ion:228 Resp: 150117
Ion Ratio Lower Upper
228 100
229 22.1 15.5 23.3
226 27.0 21.4 32.2

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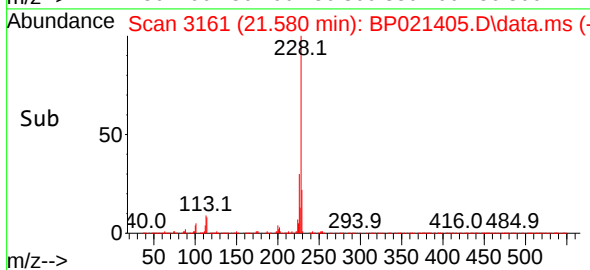
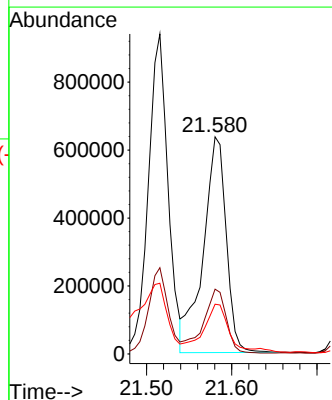
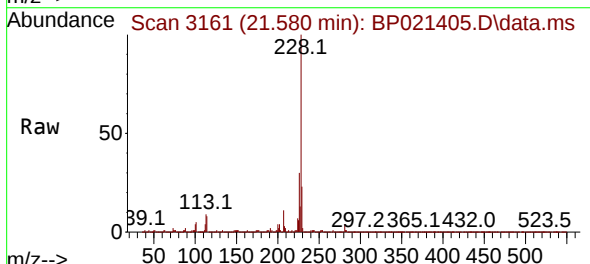
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Supervised By :mohammad
ahmed

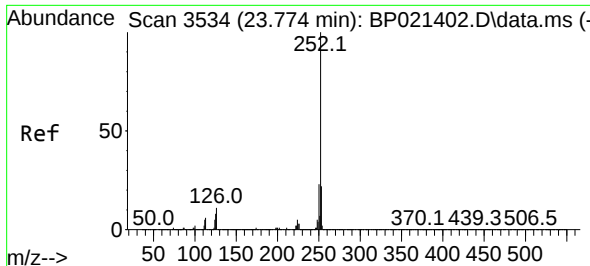
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ahmed



#87
Chrysene
Concen: 19.689 ng/u1
RT: 21.580 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

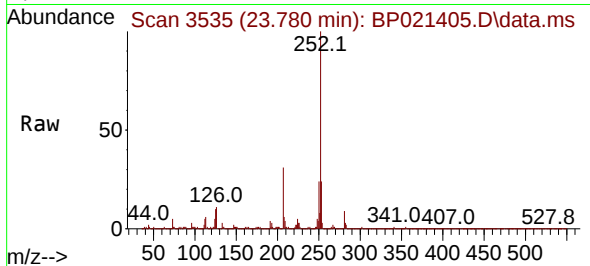
Tgt Ion:228 Resp: 1193384
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 12.516 ng/ul m
RT: 23.780 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
ClientSampleId :
F7E07DL



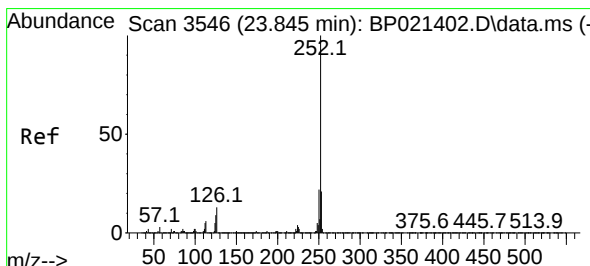
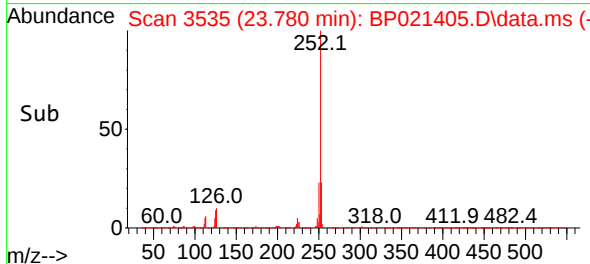
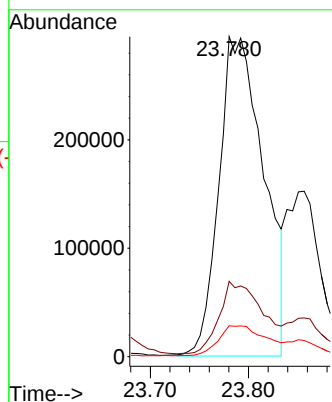
Tgt Ion:252 Resp: 936369
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 9.6 7.0 10.4

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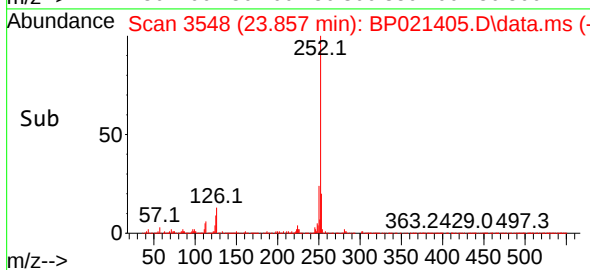
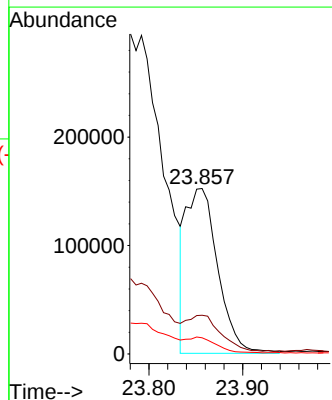
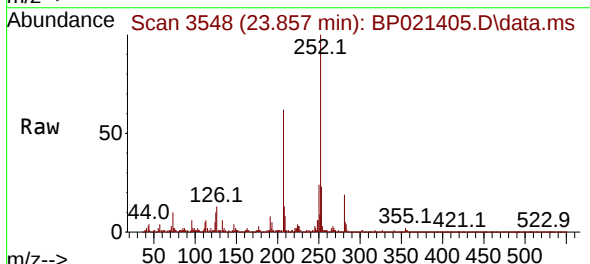
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Supervised By :mohammad
ahmed

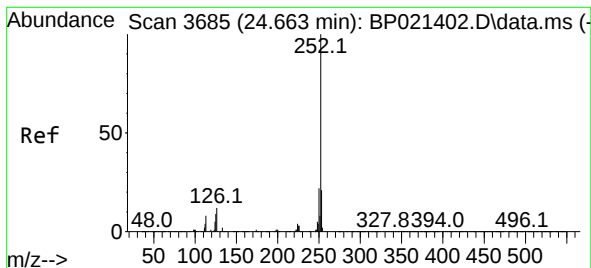
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#91
Benzo(k)fluoranthene
Concen: 4.812 ng/ul m
RT: 23.857 min Scan# 3548
Delta R.T. 0.006 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Tgt Ion:252 Resp: 359268
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 9.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 8.230 ng/ul

RT: 24.668 min Scan# 30

Delta R.T. -0.011 min

Lab File: BP021405.D

Acq: 07 Aug 2024 02:20

Instrument :

BNA_P

ClientSampleId :

F7E07DL

Tgt Ion:	252	Resp:	581829
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.0
125	9.4	7.7	11.5

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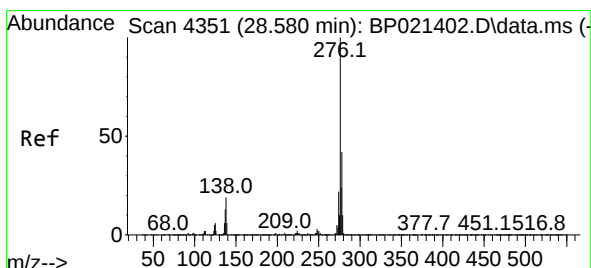
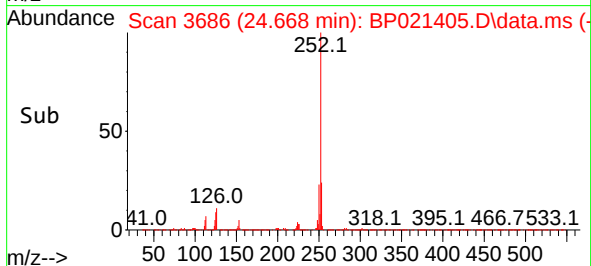
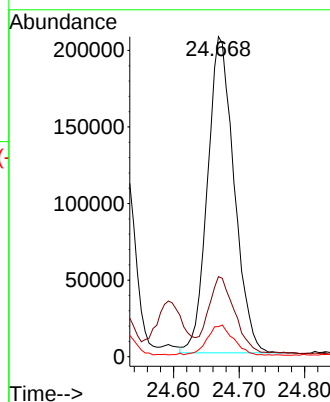
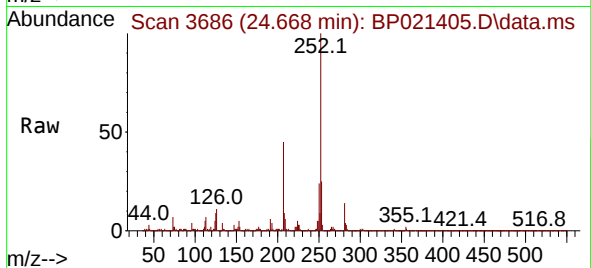
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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.167 ng/ul m

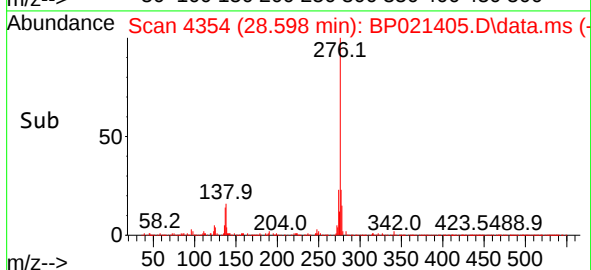
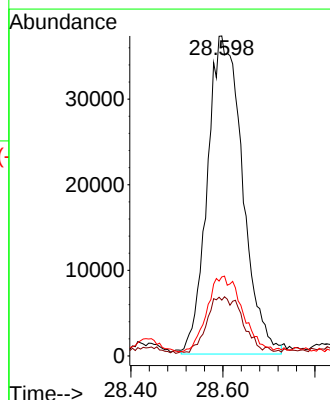
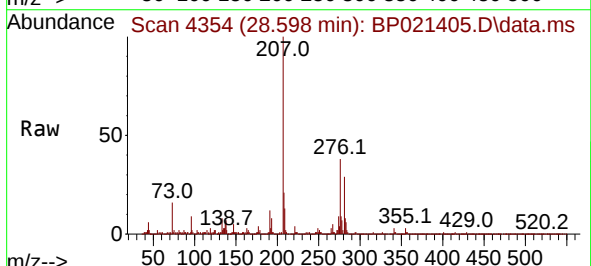
RT: 28.598 min Scan# 4354

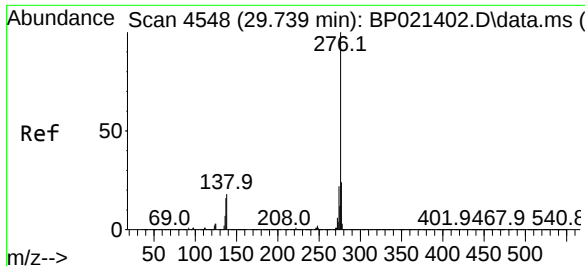
Delta R.T. 0.000 min

Lab File: BP021405.D

Acq: 07 Aug 2024 02:20

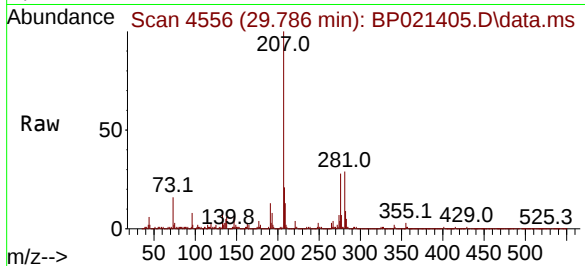
Tgt Ion:	276	Resp:	197433
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.3	21.5
277	24.7	19.2	28.8





#96
Benzo(g,h,i)perylene
Concen: 1.890 ng/ul
RT: 29.786 min Scan# 41
Delta R.T. 0.024 min
Lab File: BP021405.D
Acq: 07 Aug 2024 02:20

Instrument :
BNA_P
ClientSampleId :
F7E07DL



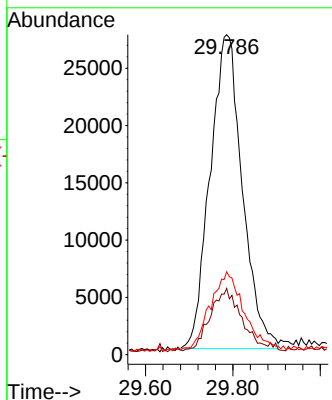
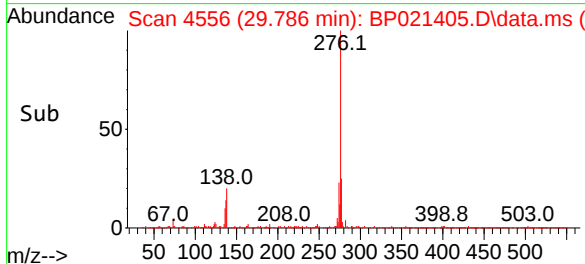
Tgt Ion:276 Resp: 140245
Ion Ratio Lower Upper
276 100
138 20.7 15.3 22.9
277 25.9 18.2 27.2

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Patel

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Supervised By :mohammad
ahmed

08/09/2024
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ahmed



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