

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022441.D
 Acq On : 17 Oct 2024 10:43
 Operator : RC/JU
 Sample : P4264-03ME
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7ME

Quant Time: Oct 18 01:20:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	89664	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	346126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	292604	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	696125	20.000	ng/u1	0.02
79) Chrysene-d12	21.504	240	790850	20.000	ng/u1	-0.01
88) Perylene-d12	24.763	264	944313	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9365	4.059	ng/uL	0.00
4) Pyridine-d5	3.611	84	110870	17.503	ng/u1	0.00
7) Phenol-d5	6.858	99	207682	27.516	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	125182	28.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	161301	30.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	179804	29.851	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	89634	33.680	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	109587	35.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	212877	32.507	ng/u1	0.00
31) 4-Chloroaniline-d4	10.558	131	250993	32.436	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	764268	32.875	ng/u1	0.01
49) Acenaphthylene-d8	13.969	160	815443	33.024	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	109227	28.006	ng/u1	0.00
60) Fluorene-d10	15.287	176	677357	33.591	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	120247	26.265	ng/u1	0.02
73) Anthracene-d10	17.192	188	1142572	34.890	ng/u1	0.00
81) Pyrene-d10	19.563	212	1463144	34.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1785052	35.396	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.487	128	12136206	658.300	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	1612376	119.147	ng/u1	97
37) 1-Methylnaphthalene	12.304	142	1469223	106.369	ng/u1	99
50) Acenaphthylene	14.004	152	136799	5.338	ng/u1#	90
52) Acenaphthene	14.346	153	1810238	99.895	ng/u1	99
61) Fluorene	15.345	166	1948314	87.844	ng/u1	98
72) Phenanthrene	17.145	178	16559147m	444.620	ng/u1	
74) Anthracene	17.222	178	1392584	37.469	ng/u1	99
80) Fluoranthene	19.228	202	12327995	256.412	ng/u1	97
82) Pyrene	19.598	202	7845630	152.251	ng/u1	96
85) Benzo(a)anthracene	21.486	228	2422889	43.702	ng/u1	98
87) Chrysene	21.551	228	1951991	37.971	ng/u1	98
90) Benzo(b)fluoranthene	23.727	252	1488461	25.041	ng/u1	99
91) Benzo(k)fluoranthene	23.798	252	452389	7.774	ng/u1	99
93) Benzo(a)pyrene	24.610	252	634690	11.602	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.445	276	293212	4.016	ng/u1#	95
95) Dibenzo(a,h)anthracene	28.498	278	88000m	1.489	ng/u1	
96) Benzo(g,h,i)perylene	29.604	276	223357m	3.933	ng/u1	

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

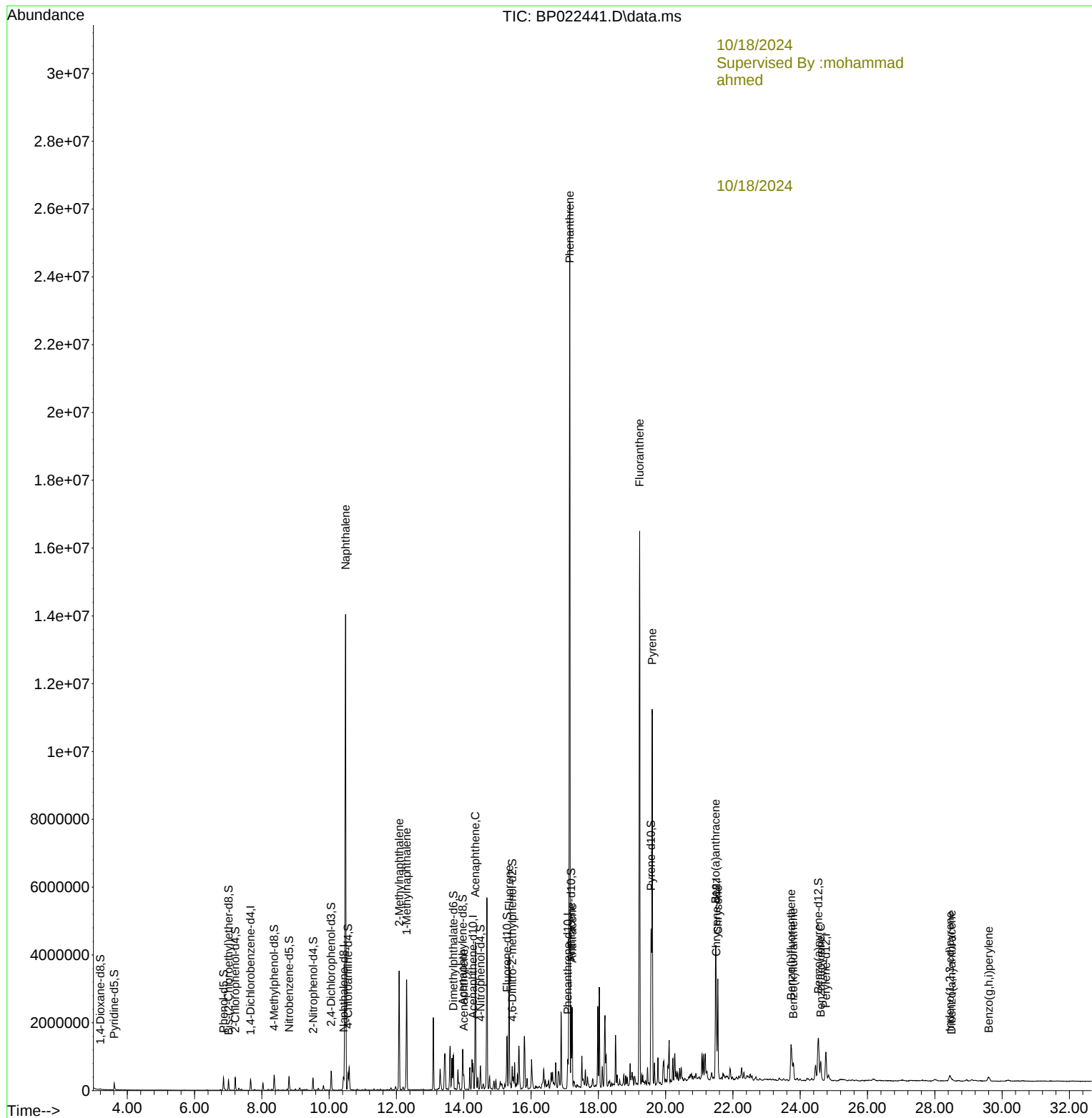
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Data File : BP022441.D
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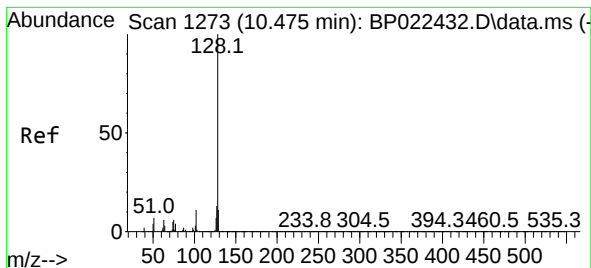
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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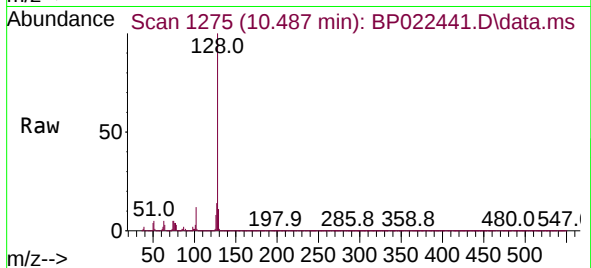
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024





#30
Naphthalene
Concen: 658.300 ng/ul
RT: 10.487 min Scan# 1275
Delta R.T. 0.012 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

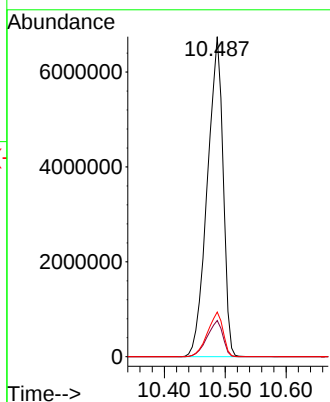
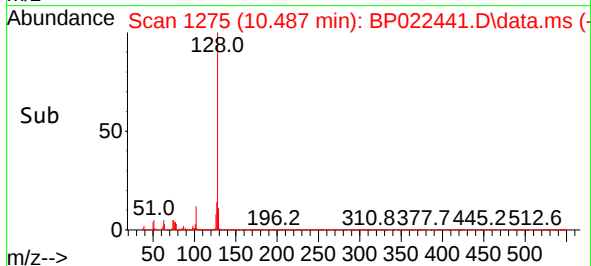
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:128 Resp:12136200
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.9 9.9 14.9

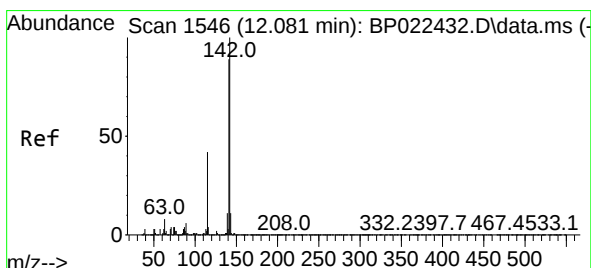
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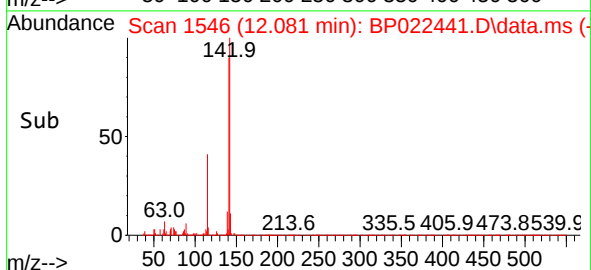
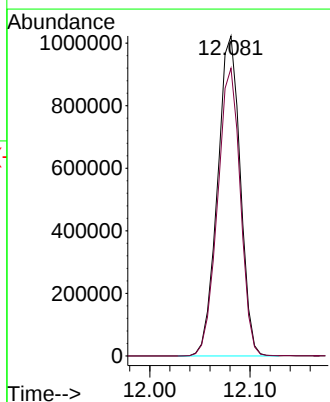
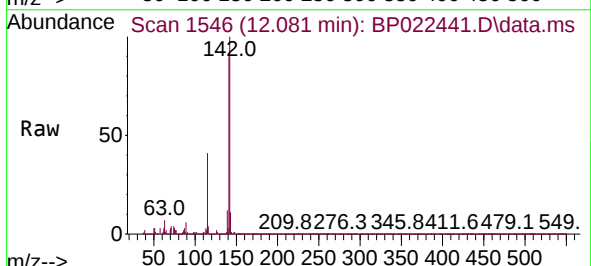
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ahmed

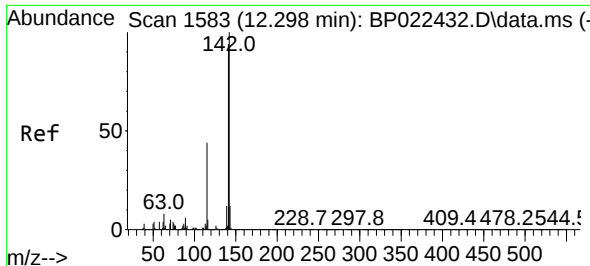
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#36
2-Methylnaphthalene
Concen: 119.147 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

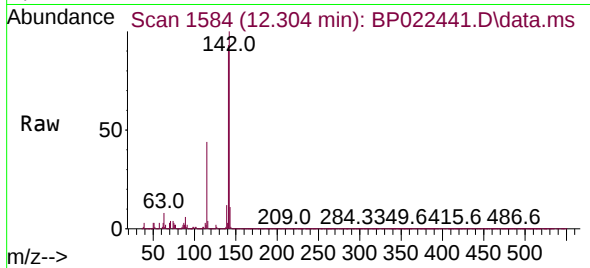
Tgt Ion:142 Resp: 1612376
Ion Ratio Lower Upper
142 100
141 89.9 69.8 104.6





#37
1-Methylnaphthalene
Concen: 106.369 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

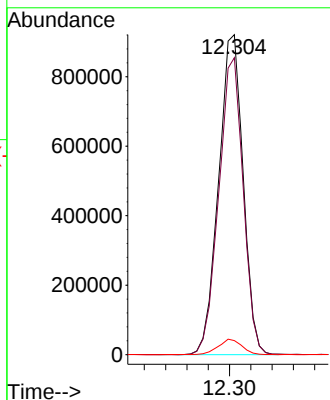
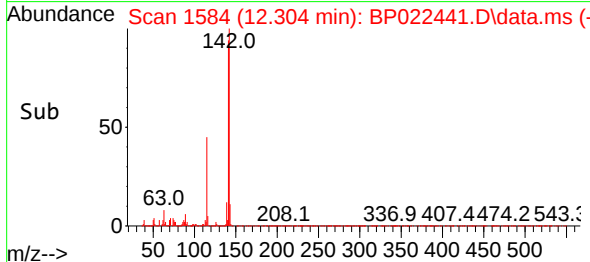
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:142 Resp: 146922
Ion Ratio Lower Upper
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141 92.8 74.8 112.2
116 4.4 4.1 6.1

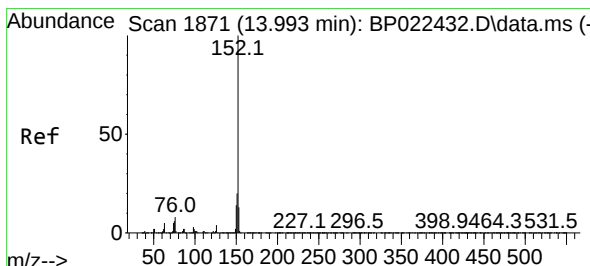
Manual Integrations
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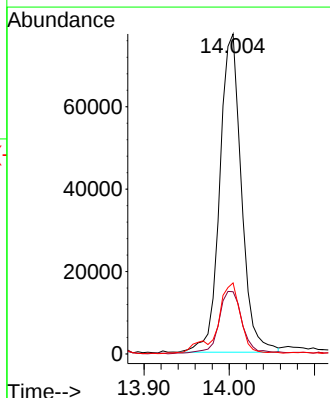
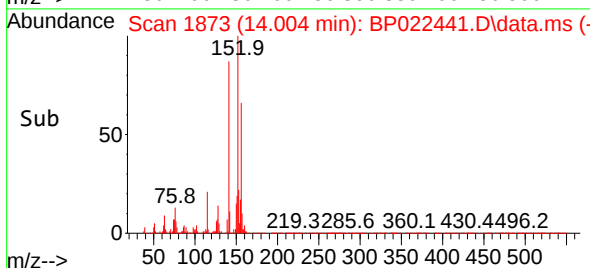
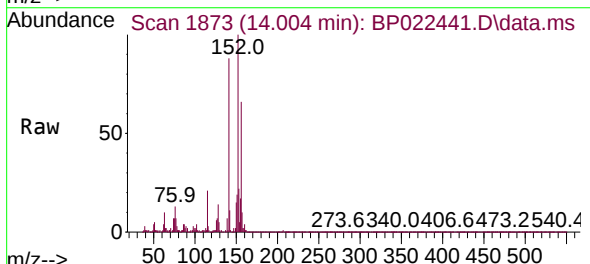
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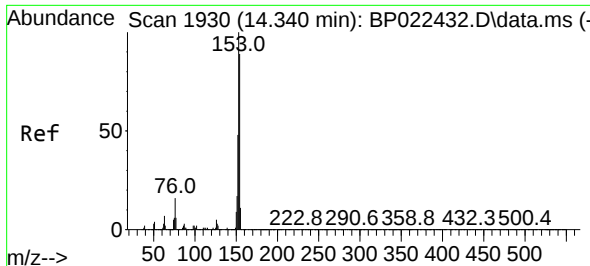
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#50
Acenaphthylene
Concen: 5.338 ng/ul
RT: 14.004 min Scan# 1873
Delta R.T. 0.012 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

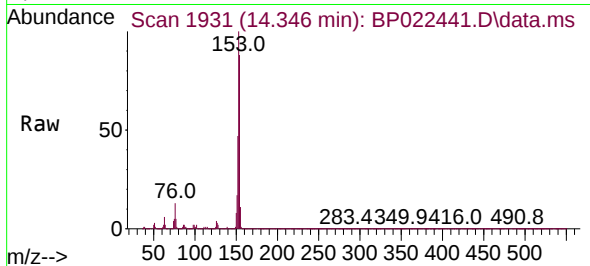
Tgt Ion:152 Resp: 136799
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 22.2 10.3 15.5#





#52
Acenaphthene
Concen: 99.895 ng/ul
RT: 14.346 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

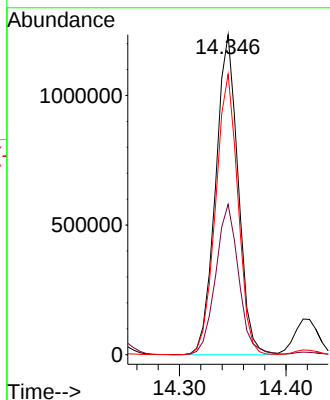
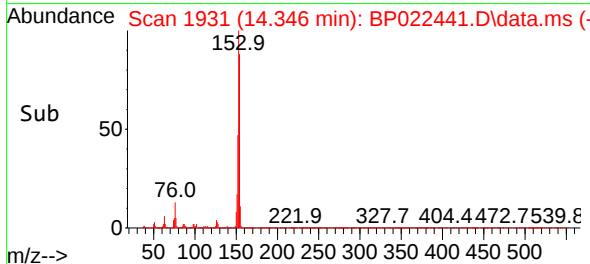
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:153 Resp: 1810238
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 87.7 69.5 104.3

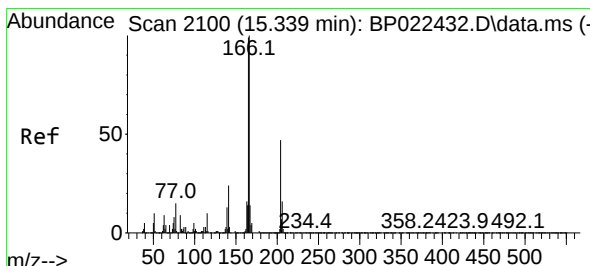
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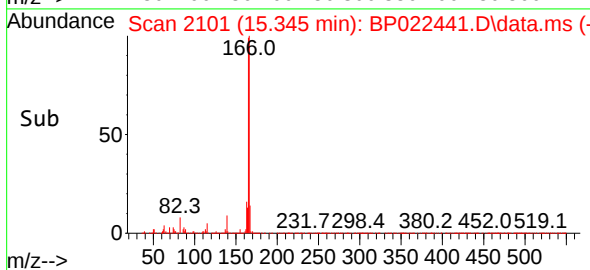
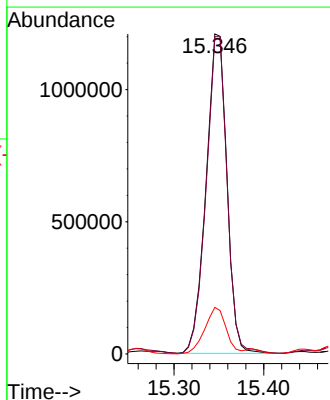
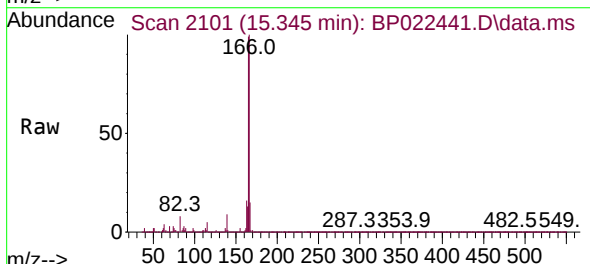
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ahmed

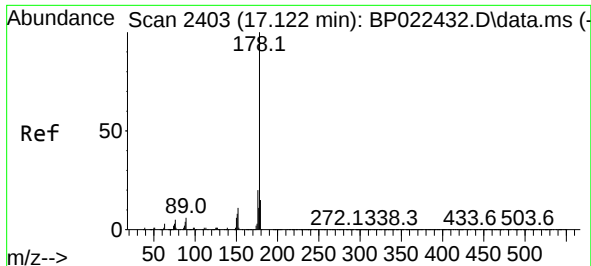
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#61
Fluorene
Concen: 87.844 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

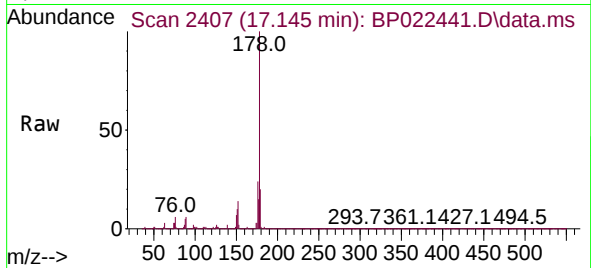
Tgt Ion:166 Resp: 1948314
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.6
167 14.6 11.1 16.7





#72
Phenanthrene
Concen: 444.620 ng/ul m
RT: 17.145 min Scan# 2407
Delta R.T. 0.024 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

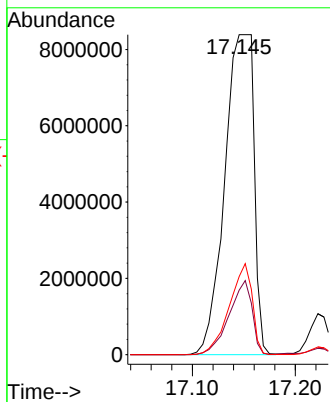
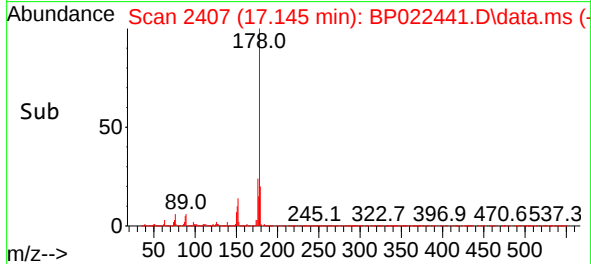
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:178 Resp:1655914
Ion Ratio Lower Upper
178 100
179 20.1 12.2 18.4
176 24.4 15.7 23.5

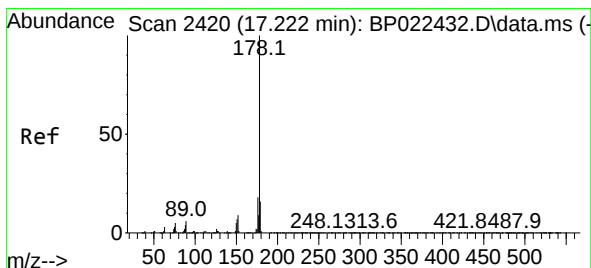
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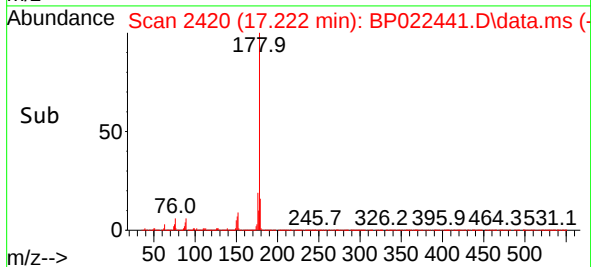
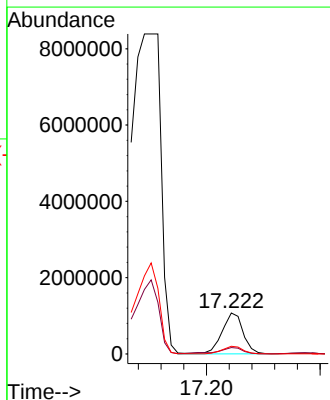
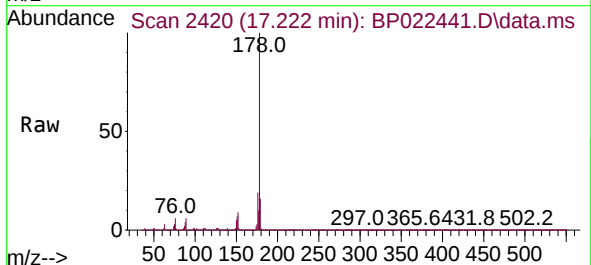
10/18/2024
Supervised By :mohammad
ahmed

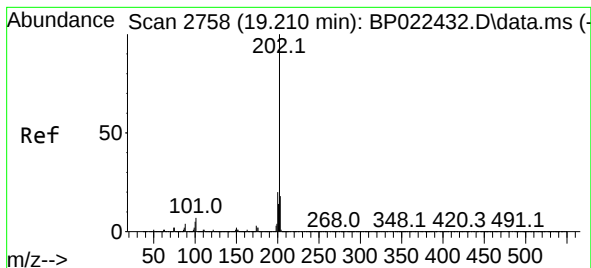
10/18/2024



#74
Anthracene
Concen: 37.469 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

Tgt Ion:178 Resp: 1392584
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 18.9 15.0 22.4





#80

Fluoranthene

Concen: 256.412 ng/u1

RT: 19.228 min Scan# 2758

Delta R.T. 0.018 min

Lab File: BP022441.D

Acq: 17 Oct 2024 10:43

Instrument :

BNP_P

ClientSampleId :

DCYN7ME

Tgt Ion:202 Resp:1232799

Ion Ratio Lower Upper

202 100

101 5.9 5.8 8.8

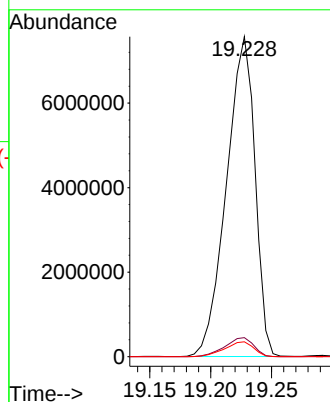
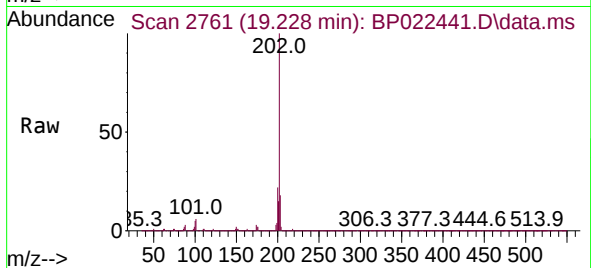
100 4.7 4.5 6.7

Manual Integrations

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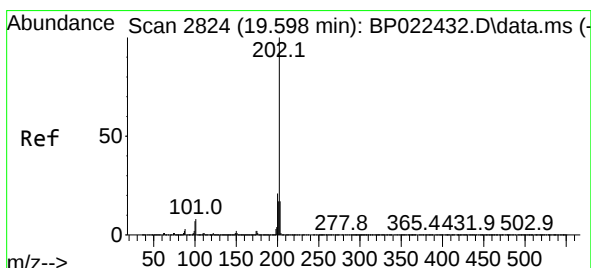
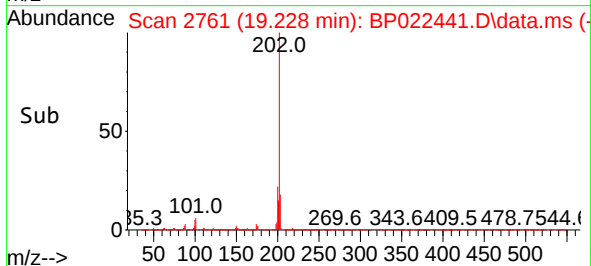
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ahmed

10/18/2024



#82

Pyrene

Concen: 152.251 ng/u1

RT: 19.598 min Scan# 2824

Delta R.T. 0.000 min

Lab File: BP022441.D

Acq: 17 Oct 2024 10:43

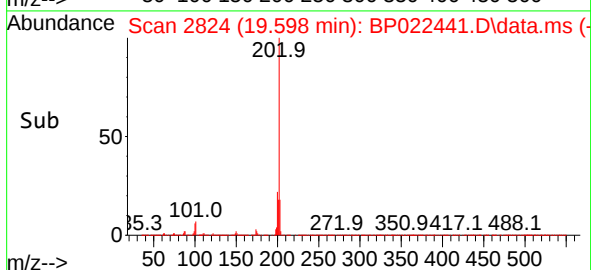
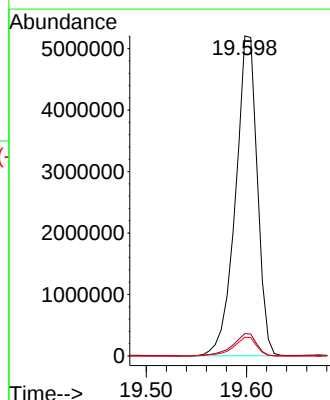
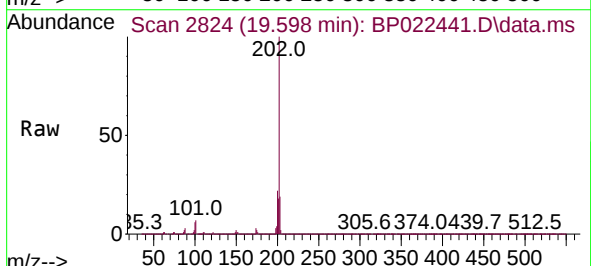
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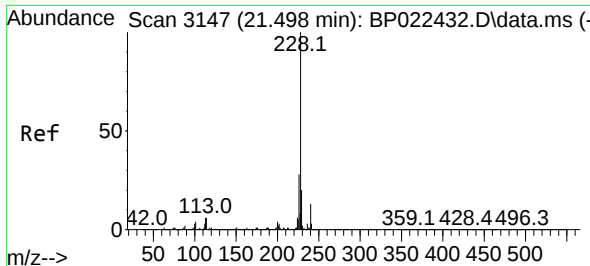
Ion Ratio Lower Upper

202 100

101 7.0 6.7 10.1

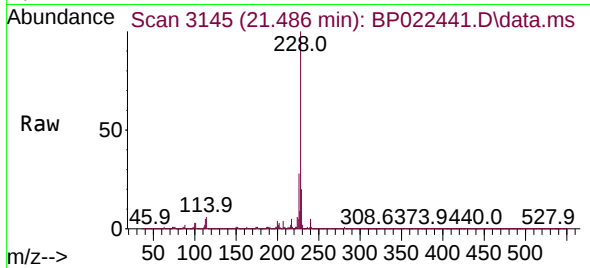
100 5.9 5.8 8.6





#85
Benzo(a)anthracene
Concen: 43.702 ng/ul
RT: 21.486 min Scan# 3147
Delta R.T. -0.012 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

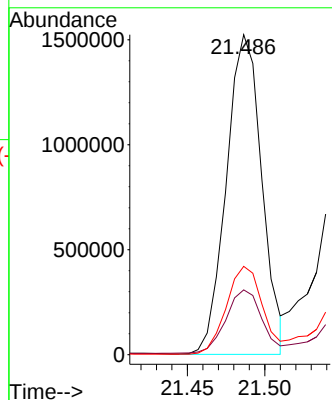
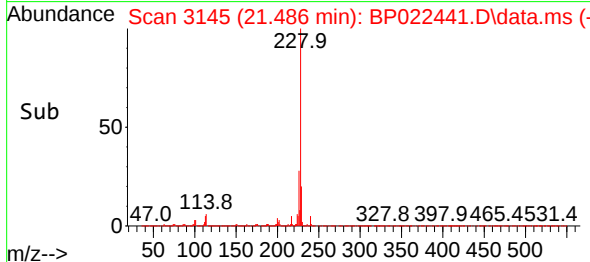
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:228 Resp: 2422889
Ion Ratio Lower Upper
228 100
229 20.3 15.4 23.0
226 27.6 21.5 32.3

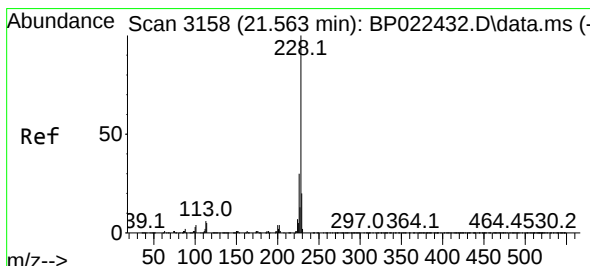
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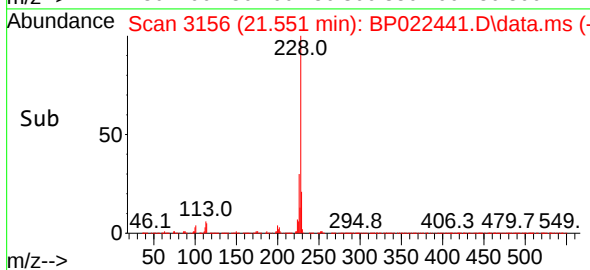
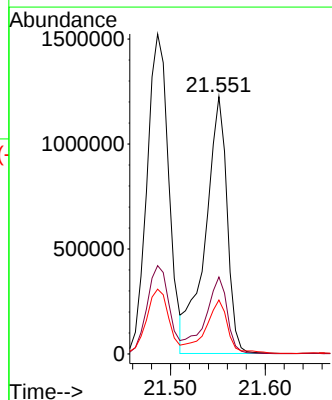
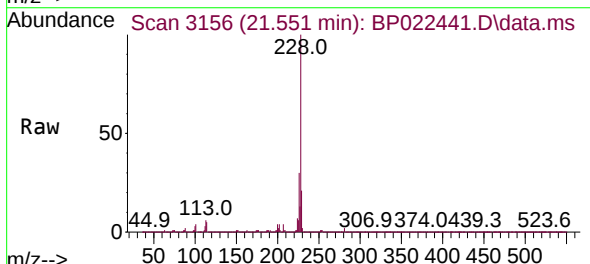
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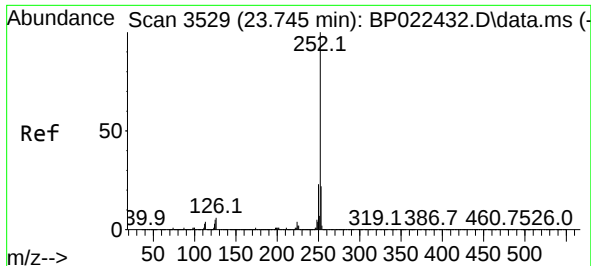
10/18/2024



#87
Chrysene
Concen: 37.971 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

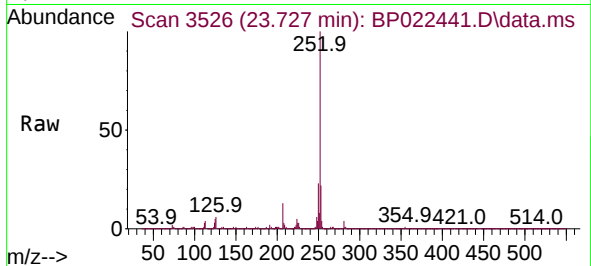
Tgt Ion:228 Resp: 1951991
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 25.041 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. -0.018 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

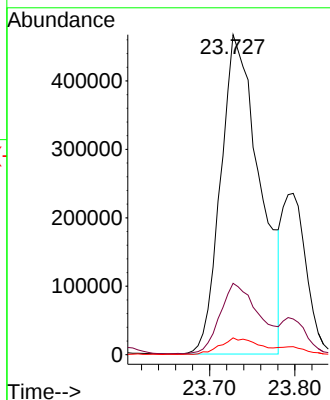
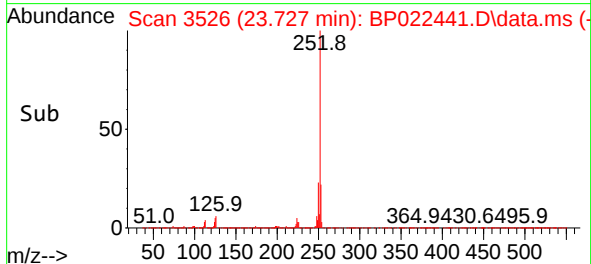
Instrument :
BNA_P
ClientSampleId :
DCYN7ME



Tgt Ion:252 Resp: 148846
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 5.2 5.0 7.4

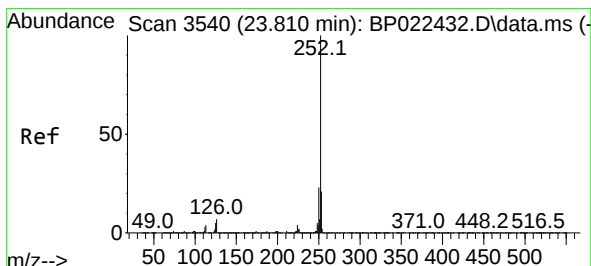
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



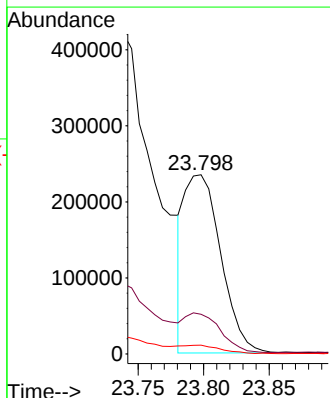
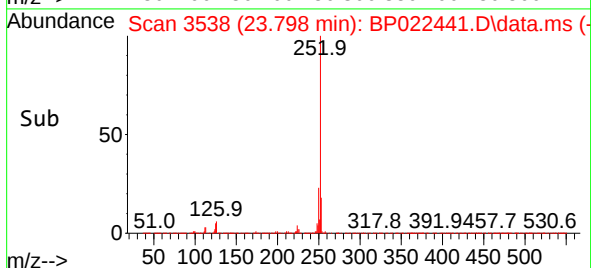
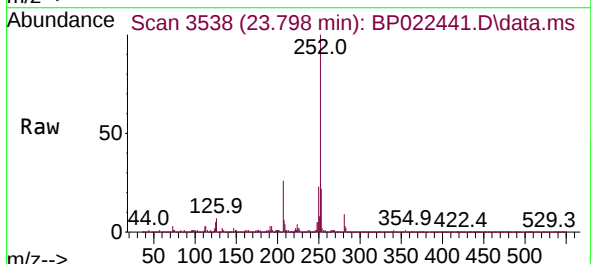
10/18/2024
Supervised By :mohammad
ahmed

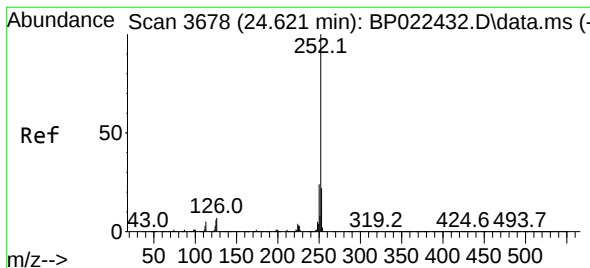
10/18/2024



#91
Benzo(k)fluoranthene
Concen: 7.774 ng/ul
RT: 23.798 min Scan# 3538
Delta R.T. -0.012 min
Lab File: BP022441.D
Acq: 17 Oct 2024 10:43

Tgt Ion:252 Resp: 452389
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 4.9 4.6 6.8





#93

Benzo(a)pyrene

Concen: 11.602 ng/ul

RT: 24.610 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP022441.D

Acq: 17 Oct 2024 10:43

Instrument :

BNA_P

ClientSampleId :

DCYN7ME

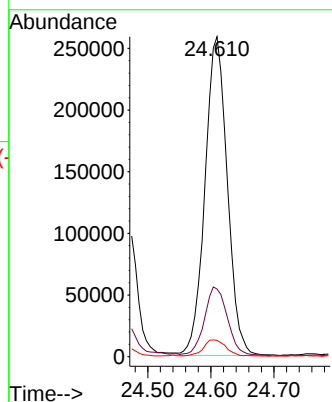
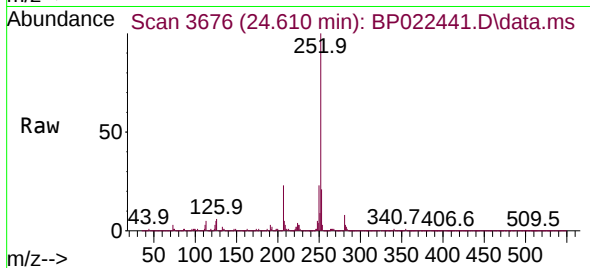
Tgt Ion:	252	Resp:	634690
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.7	26.5
125	5.1	4.9	7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2024

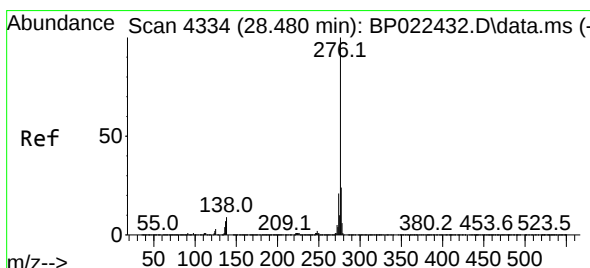
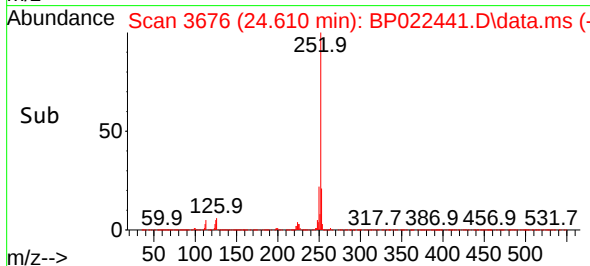
Supervised By :mohammad ahmed 10/18/2024



10/18/2024

Supervised By :mohammad
ahmed

10/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.016 ng/ul

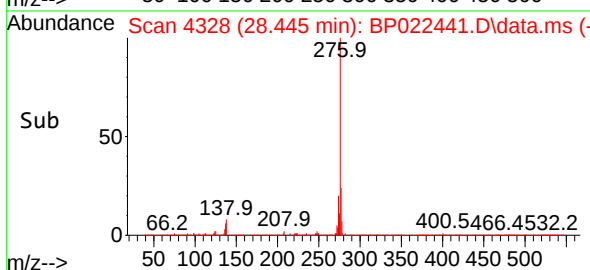
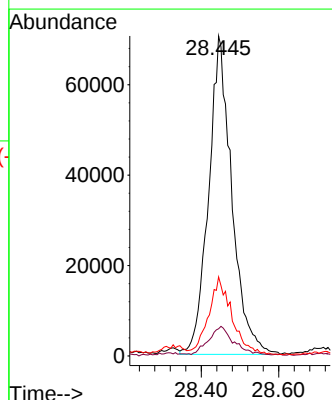
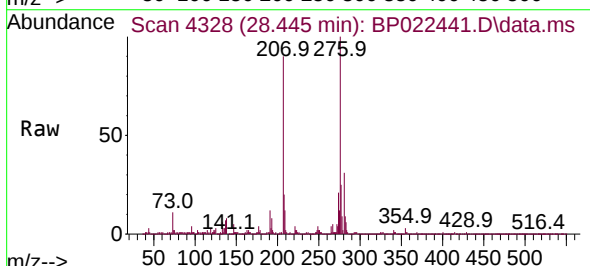
RT: 28.445 min Scan# 4328

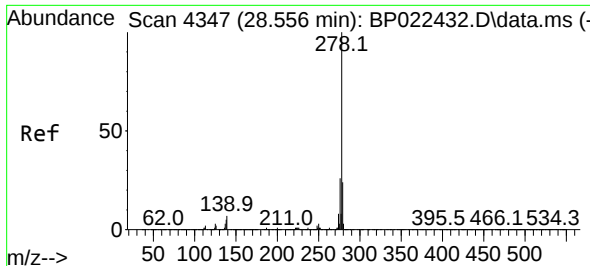
Delta R.T. -0.035 min

Lab File: BP022441.D

Acq: 17 Oct 2024 10:43

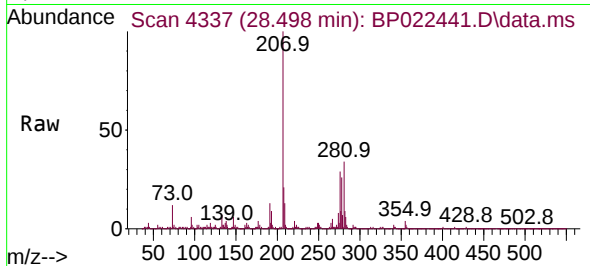
Tgt Ion:	276	Resp:	293212
Ion Ratio	Lower	Upper	
276	100		
138	8.5	9.1	13.7#
277	24.7	18.6	27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.489 ng/ul m
 RT: 28.498 min Scan# 4347
 Delta R.T. -0.059 min
 Lab File: BP022441.D
 Acq: 17 Oct 2024 10:43

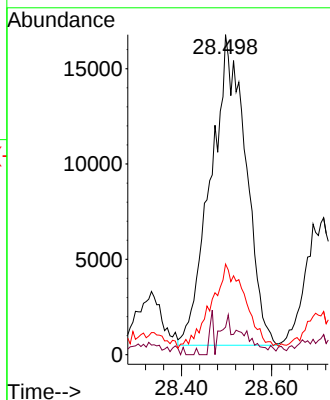
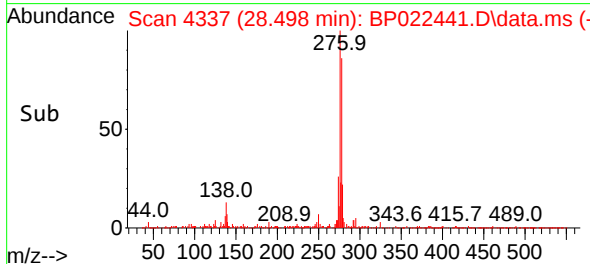
Instrument :
 BNA_P
 ClientSampleId :
 DCYN7ME



Tgt Ion:278 Resp: 88000
 Ion Ratio Lower Upper
 278 100
 139 8.6 7.3 10.9
 279 28.3 19.0 28.4

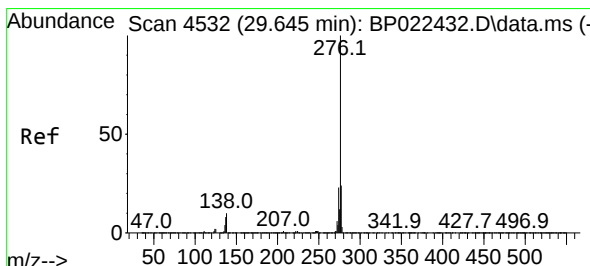
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



10/18/2024
 Supervised By :mohammad
 ahmed

10/18/2024



#96
 Benzo(g,h,i)perylene
 Concen: 3.933 ng/ul m
 RT: 29.604 min Scan# 4525
 Delta R.T. -0.041 min
 Lab File: BP022441.D
 Acq: 17 Oct 2024 10:43

Tgt Ion:276 Resp: 223357
 Ion Ratio Lower Upper
 276 100
 138 10.4 8.5 12.7
 277 23.2 19.0 28.4

