

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021443.D
 Acq On : 08 Aug 2024 09:31
 Operator : CG/JU
 Sample : P3378-04DL2 30X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AY7DL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 11:29:30 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						
1) 1,4-Dichlorobenzene-d4	7.616	152	132418	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.363	136	573570	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.251	164	385546	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.075	188	863499	20.000	ng/u1	-0.02
79) Chrysene-d12	21.516	240	911166	20.000	ng/u1	-0.02
88) Perylene-d12	24.792	264	1017816	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.958	99	1431m	0.133	ng/u1	0.11
9) Bis-(2-Chloroethyl)eth...	7.034	67	5942m	0.908	ng/u1	0.05
11) 2-Chlorophenol-d4	7.246	132	6735m	0.757	ng/u1	0.07
15) 4-Methylphenol-d8	8.399	113	5572m	0.621	ng/u1	0.04
21) Nitrobenzene-d5	8.816	128	2744m	0.616	ng/u1	0.02
24) 2-Nitrophenol-d4	9.522	143	3078m	0.604	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.099	165	7308m	0.793	ng/u1	0.05
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.675	166	24023	0.857	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	23547	0.748	ng/u1	-0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.269	176	21359	0.929	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.528	200	1631m	0.312	ng/u1	0.07
73) Anthracene-d10	17.181	188	36380	0.949	ng/u1	-0.01
81) Pyrene-d10	19.569	212	42819	0.760	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	42145	0.840	ng/u1	-0.01
Target Compounds					Qvalue	
13) 2-Methylphenol	8.105	108	71707	8.488	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	364585m	34.767	ng/u1	
30) Naphthalene	10.422	128	10130582	335.781	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	632809	30.556	ng/u1	99
37) 1-Methylnaphthalene	12.257	142	328264	15.412	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	75517	2.680	ng/u1	98
52) Acenaphthene	14.316	153	193607	8.186	ng/u1	98
56) Dibenzofuran	14.669	168	221805	6.849	ng/u1	95
61) Fluorene	15.322	166	144076	5.452	ng/u1	98
72) Phenanthrene	17.116	178	221230	4.939	ng/u1	99
77) Carbazole	17.516	167	432021	11.573	ng/u1	98

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

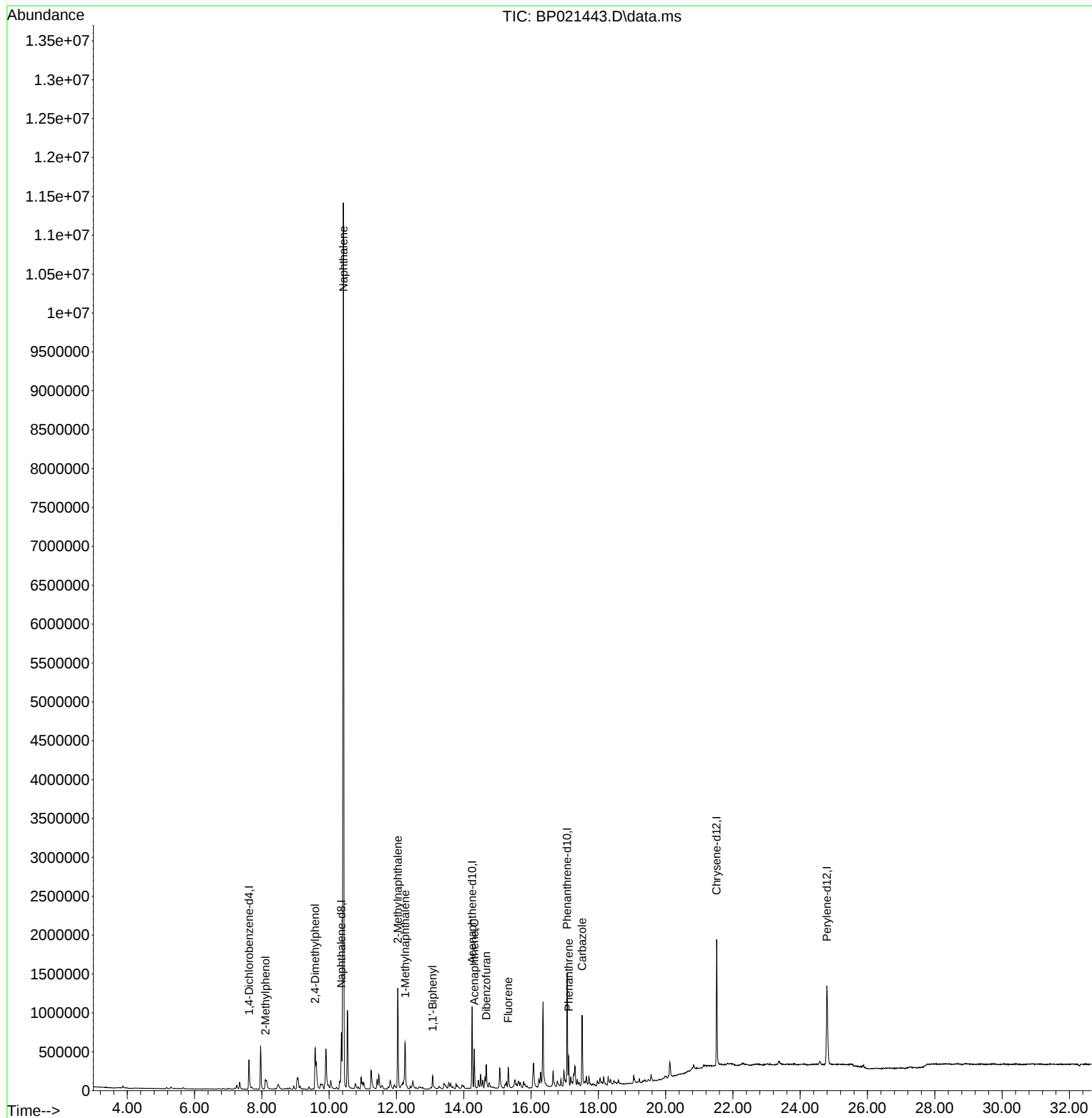
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021443.D
Acq On : 08 Aug 2024 09:31
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Sample : P3378-04DL2 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

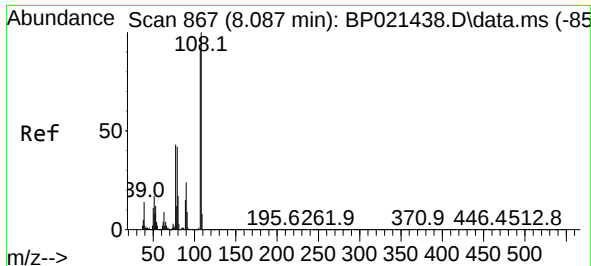
Instrument :
BNA_P
ClientSampleId :
C0AY7DL2

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Quant Title : SVOA CALIBRATION
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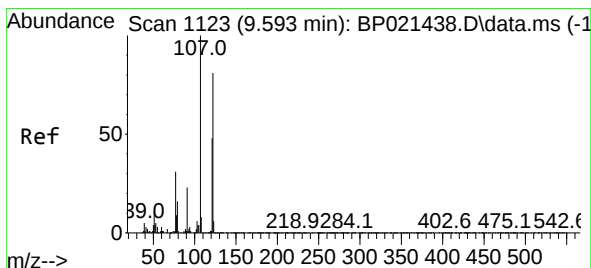
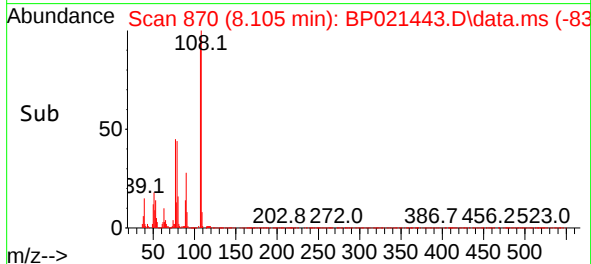
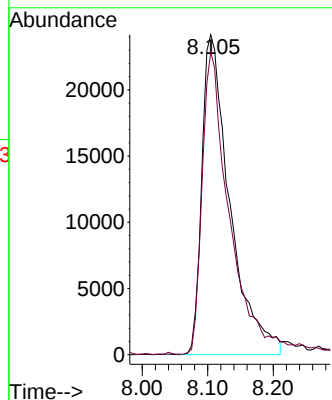
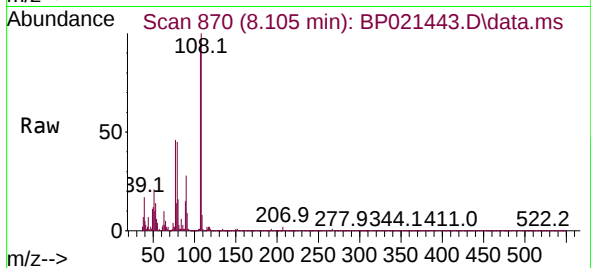
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2-Methylphenol
Concen: 8.488 ng/ul
RT: 8.105 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

Instrument :
BNA_P
ClientSampleId :
C0AY7DL2

Tgt Ion:108 Resp: 7170
Ion Ratio Lower Upper
108 100
107 94.6 73.8 110.8

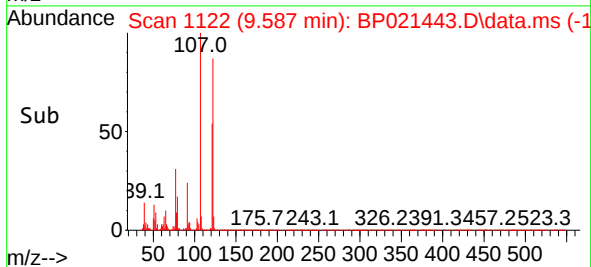
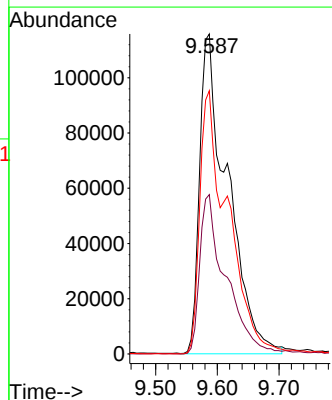
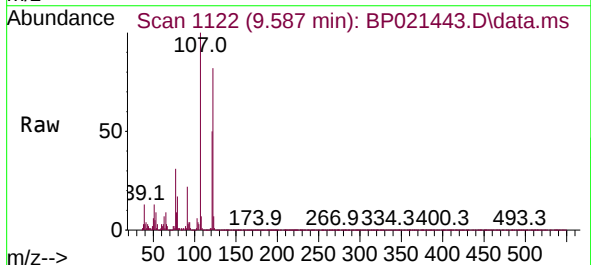
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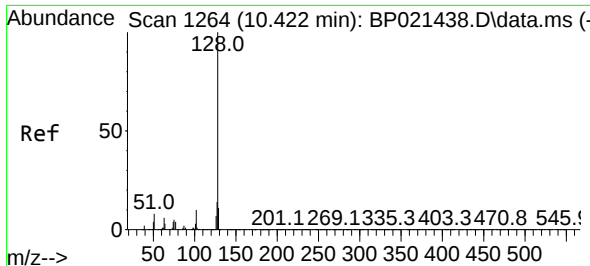
Reviewed By :Jagrut Upadhyay 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#26
2,4-Dimethylphenol
Concen: 34.767 ng/ul m
RT: 9.587 min Scan# 1122
Delta R.T. -0.017 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

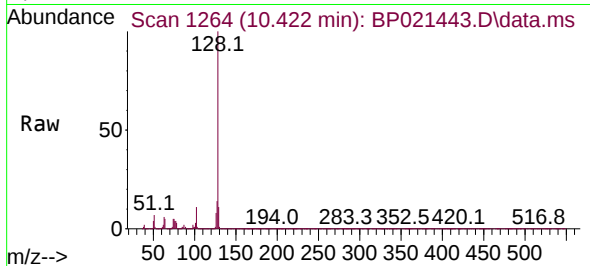
Tgt Ion:107 Resp: 364585
Ion Ratio Lower Upper
107 100
121 49.8 39.6 59.4
122 82.2 66.3 99.5





#30
Naphthalene
Concen: 335.781 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.017 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

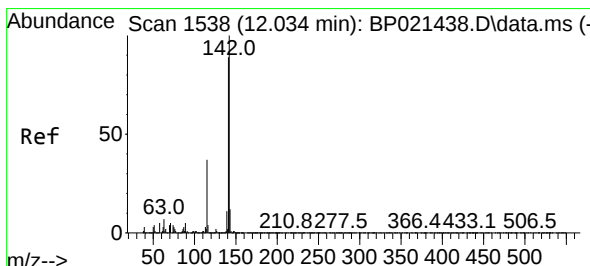
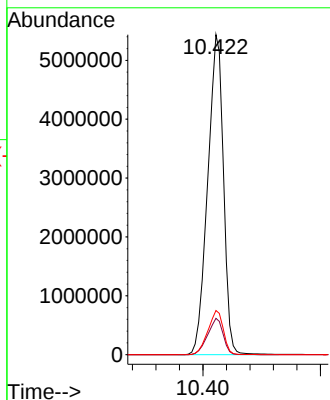
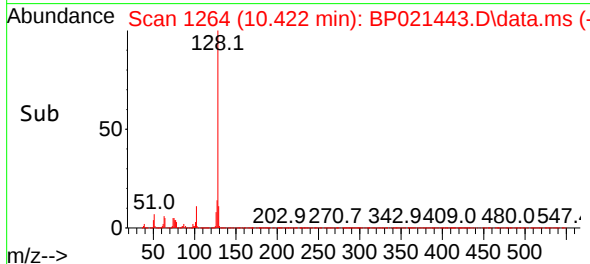
Instrument :
BNA_P
ClientSampleId :
C0AY7DL2



Tgt Ion:128 Resp:1013058
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.8 10.8 16.2

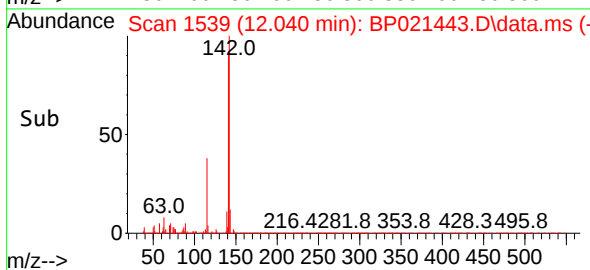
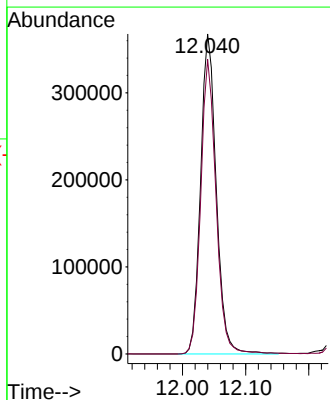
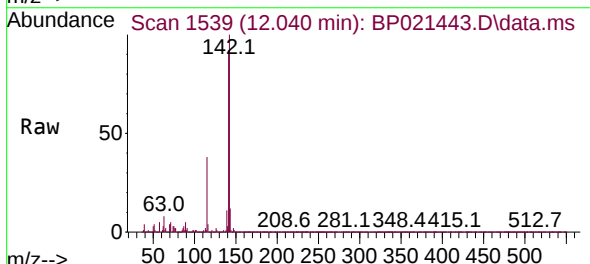
Manual Integrations
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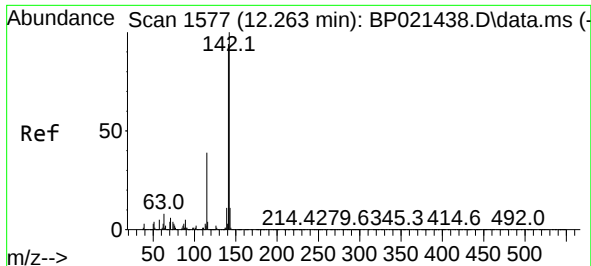
Reviewed By :Jagrut Upadhyay 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#36
2-Methylnaphthalene
Concen: 30.556 ng/ul
RT: 12.040 min Scan# 1539
Delta R.T. -0.029 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

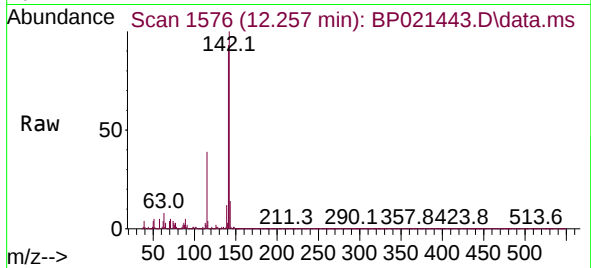
Tgt Ion:142 Resp: 632809
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8





#37
1-Methylnaphthalene
Concen: 15.412 ng/ul
RT: 12.257 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

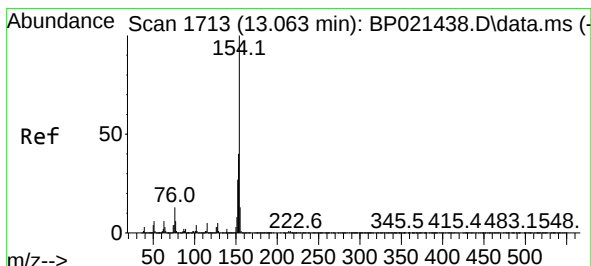
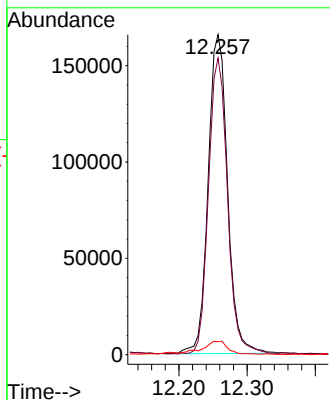
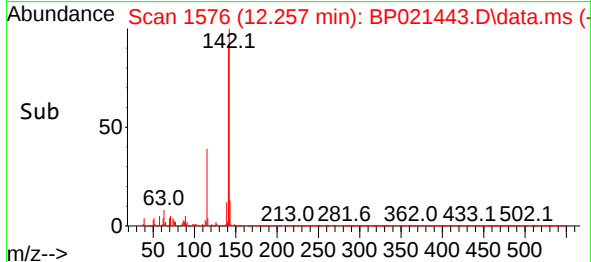
Instrument :
BNA_P
ClientSampleId :
C0AY7DL2



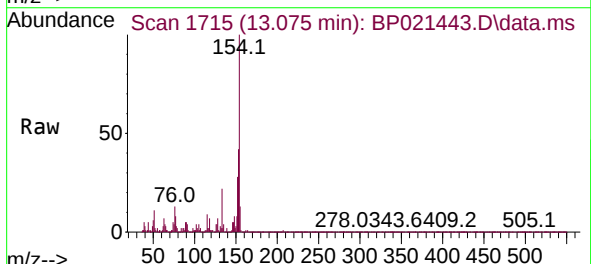
Tgt Ion:142 Resp: 328264
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.6
116 4.1 3.2 4.8

Manual Integrations
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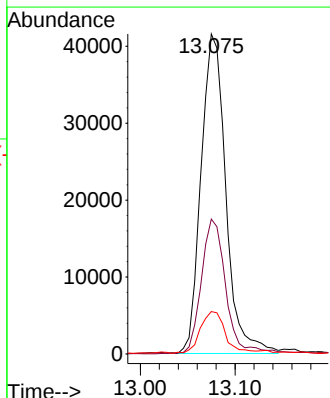
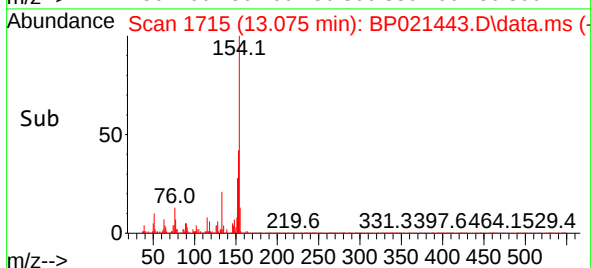
Reviewed By :Jagrut Upadhyay 08/08/2024
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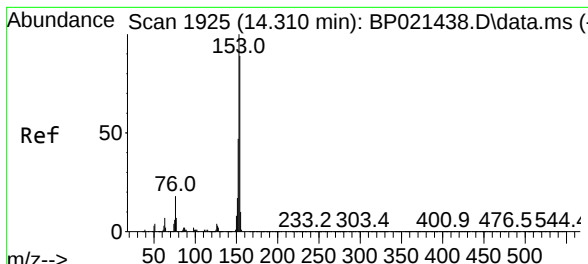


#43
1,1'-Biphenyl
Concen: 2.680 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31



Tgt Ion:154 Resp: 75517
Ion Ratio Lower Upper
154 100
153 42.2 32.7 49.1
76 13.2 9.4 14.2





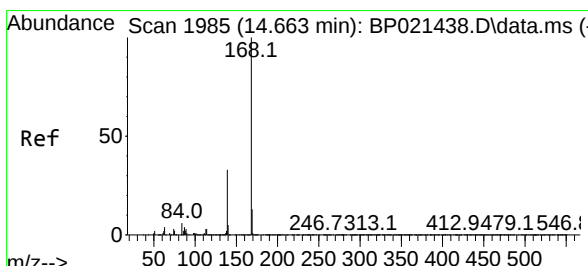
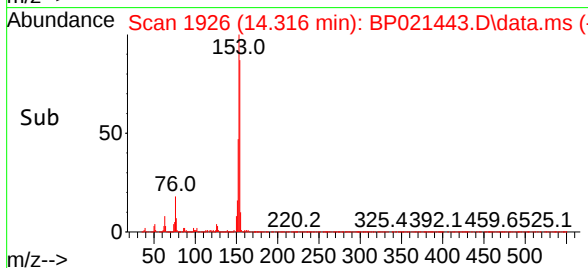
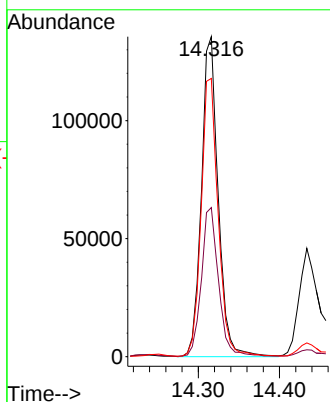
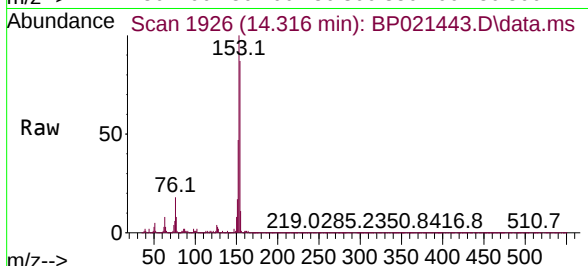
#52
Acenaphthene
Concen: 8.186 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. -0.023 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

Instrument :
BNA_P
ClientSampleId :
C0AY7DL2

Tgt Ion:153 Resp: 19360
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 86.9 71.8 107.6

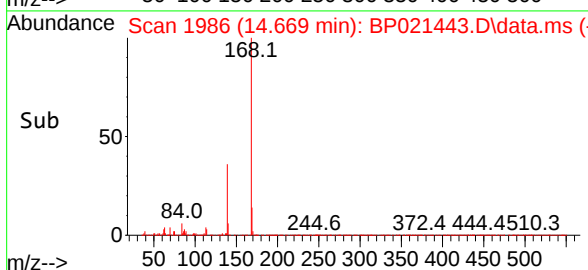
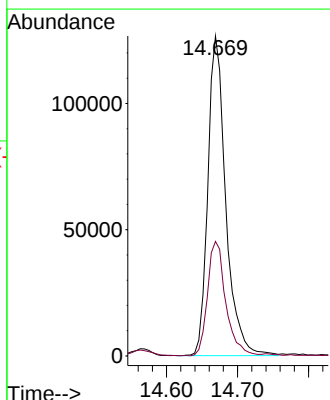
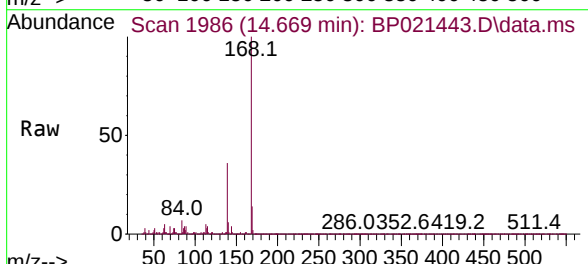
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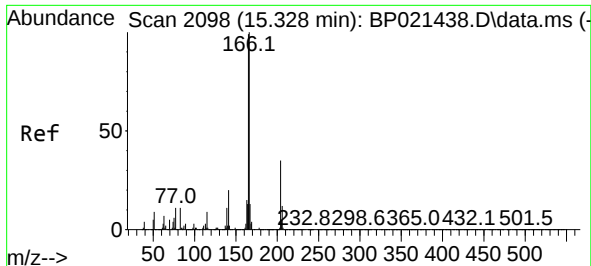
Reviewed By :Jagrut Upadhyay 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#56
Dibenzofuran
Concen: 6.849 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.017 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

Tgt Ion:168 Resp: 221805
Ion Ratio Lower Upper
168 100
139 35.8 31.1 46.7





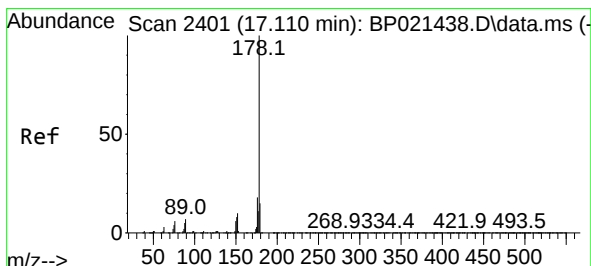
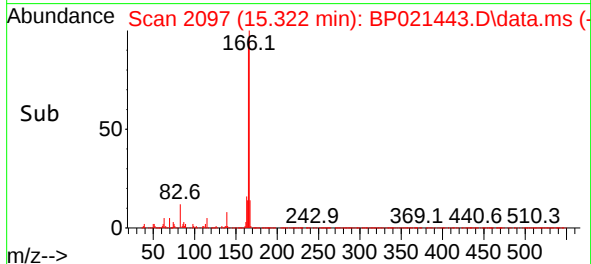
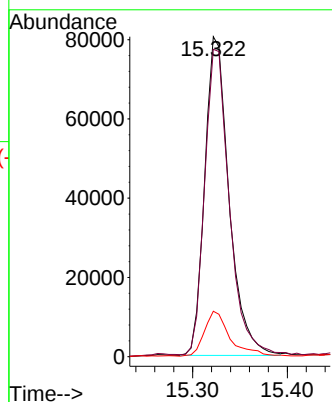
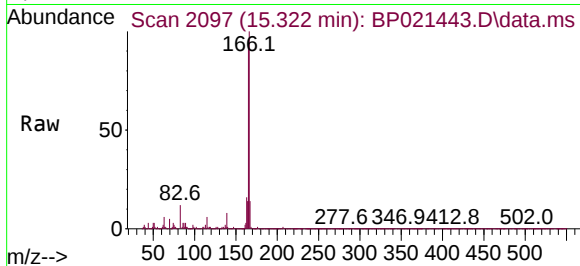
#61
Fluorene
Concen: 5.452 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.023 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:166 Resp: 144070
Ion Ratio Lower Upper
166 100
165 96.0 78.1 117.1
167 14.2 10.9 16.3

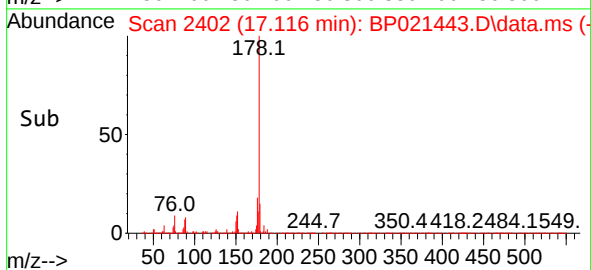
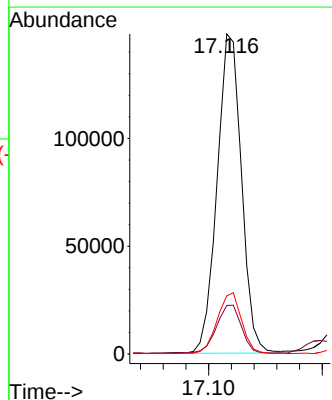
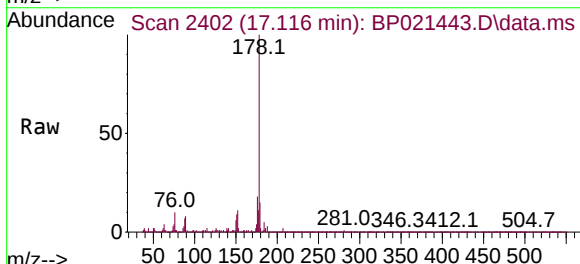
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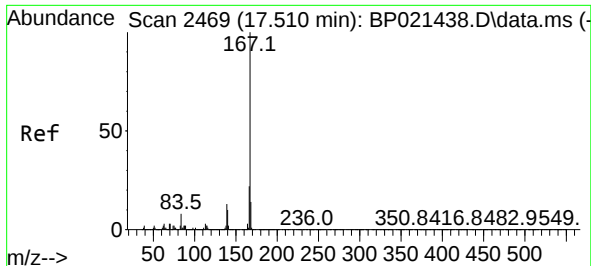
Reviewed By :Jagrut Upadhyay 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Phenanthrene
Concen: 4.939 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.017 min
Lab File: BP021443.D
Acq: 08 Aug 2024 09:31

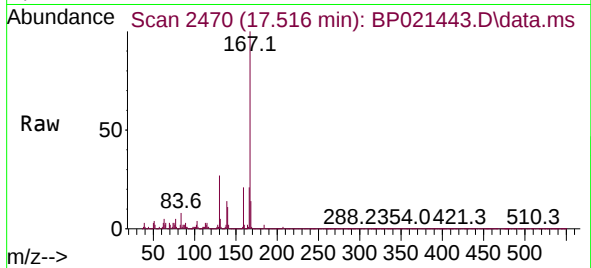
Tgt Ion:178 Resp: 221230
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.1 15.0 22.4





#77
 Carbazole
 Concen: 11.573 ng/ul
 RT: 17.516 min Scan# 2469
 Delta R.T. -0.006 min
 Lab File: BP021443.D
 Acq: 08 Aug 2024 09:31

Instrument :
 BNA_P
 ClientSampleId :
 C0AY7DL2



Tgt Ion:167 Resp: 432021
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 13.6 10.2 15.2

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