

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021162.D
 Acq On : 26 Jul 2024 01:18
 Operator : MA/JU
 Sample : P3347-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AW5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 02:14:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	175919	20.000	ng/u1	0.01
20) Naphthalene-d8	10.428	136	643293	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	406061	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.128	188	868497	20.000	ng/u1	0.02
79) Chrysene-d12	21.568	240	934390	20.000	ng/u1	0.01
88) Perylene-d12	24.892	264	1168667	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	17193	4.447	ng/uL	0.00
4) Pyridine-d5	3.616	84	62335	5.570	ng/u1	0.02
7) Phenol-d5	6.881	99	122124	8.515	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	232482	26.748	ng/u1	0.01
11) 2-Chlorophenol-d4	7.210	132	308625	26.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	216018	18.135	ng/u1	0.01
21) Nitrobenzene-d5	8.816	128	160021	32.026	ng/u1	0.01
24) 2-Nitrophenol-d4	9.528	143	186545	32.619	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	315485	30.508	ng/u1	0.02
31) 4-Chloroaniline-d4	10.587	131	260160m	18.991	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	925469	31.352	ng/u1	0.02
49) Acenaphthylene-d8	13.987	160	1062929	32.069	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	19267	4.588	ng/u1	0.00
60) Fluorene-d10	15.322	176	807655	33.351	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.486	200	114993	21.883	ng/u1	0.02
73) Anthracene-d10	17.228	188	1294584	33.561	ng/u1	0.02
81) Pyrene-d10	19.610	212	1645995	28.493	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.668	264	1995244	34.617	ng/u1	0.02
Target Compounds					Qvalue	
13) 2-Methylphenol	8.128	108	35752	3.185	ng/u1	91
18) 4-Methylphenol	8.463	108	74983	6.236	ng/u1	96
26) 2,4-Dimethylphenol	9.634	107	796751m	67.743	ng/u1	
30) Naphthalene	10.487	128	37857137m	1118.786	ng/u1	
36) 2-Methylnaphthalene	12.098	142	7297618	314.181	ng/u1	100
37) 1-Methylnaphthalene	12.322	142	5162074	216.086	ng/u1	98
42) 2,4,5-Trichlorophenol	12.828	196	13143	1.491	ng/u1	95
43) 1,1'-Biphenyl	13.116	154	1153868	38.883	ng/u1	100
50) Acenaphthylene	14.016	152	188052	5.011	ng/u1#	95
52) Acenaphthene	14.375	153	5051727	202.815	ng/u1	99
56) Dibenzofuran	14.710	168	2445342	71.692	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	14.957	232	23969	3.175	ng/u1#	65
61) Fluorene	15.381	166	1660625	59.662	ng/u1	99
72) Phenanthrene	17.169	178	379625	8.426	ng/u1	99
74) Anthracene	17.263	178	58525m	1.274	ng/u1	
77) Carbazole	17.569	167	3888129	103.553	ng/u1	100

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

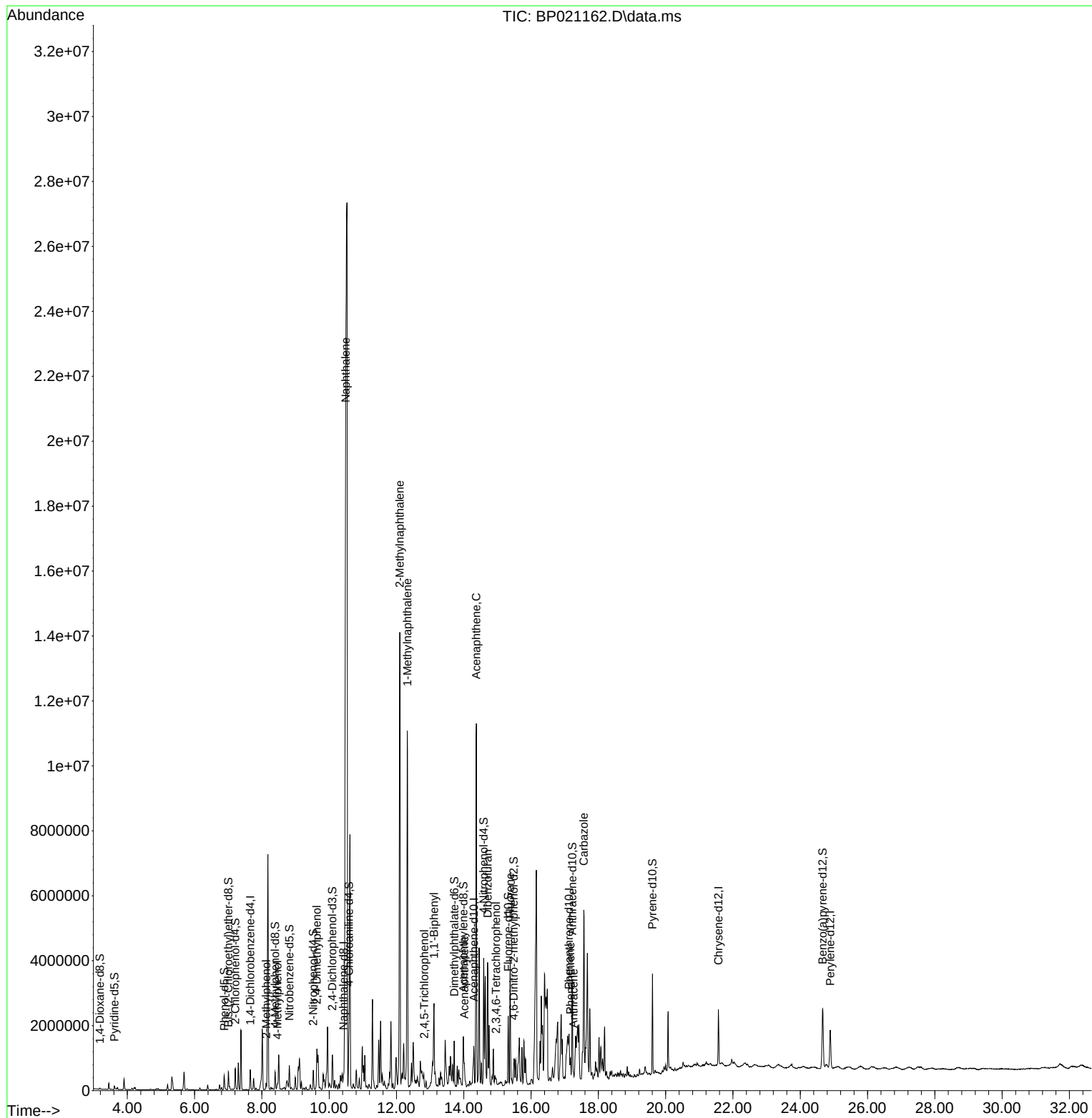
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021162.D
Acq On : 26 Jul 2024 01:18
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

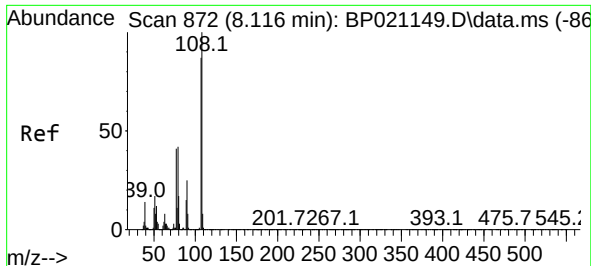
Instrument :
BNA_P
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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
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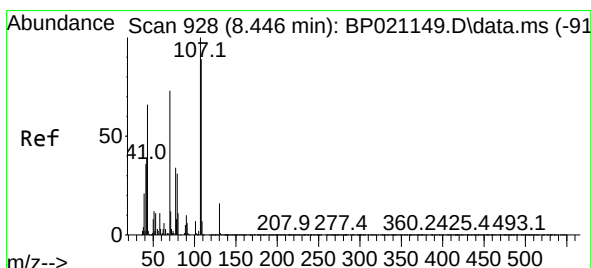
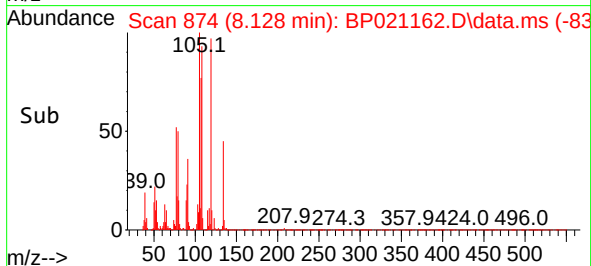
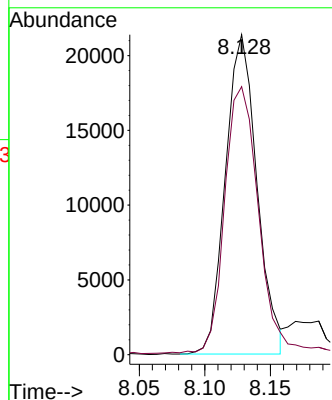
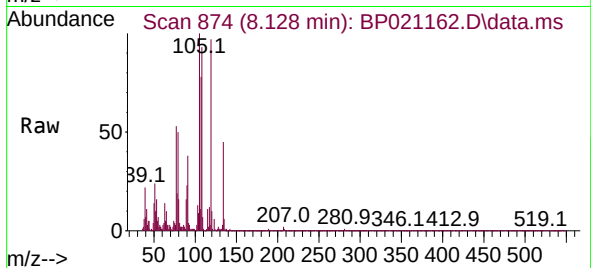
#13
2-Methylphenol
Concen: 3.185 ng/ul
RT: 8.128 min Scan# 81
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

Instrument :
BNA_P
ClientSampleId :
C0AW5

Tgt Ion:108 Resp: 3575
Ion Ratio Lower Upper
108 100
107 83.8 73.8 110.8

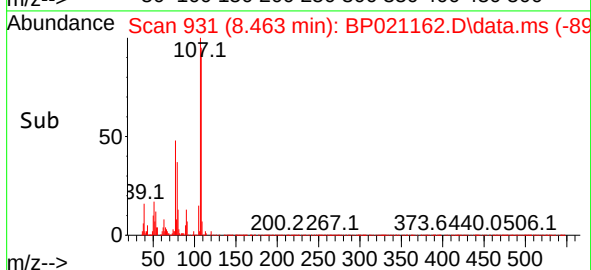
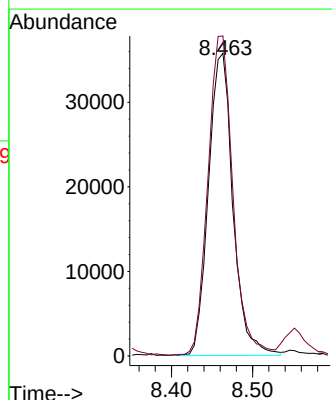
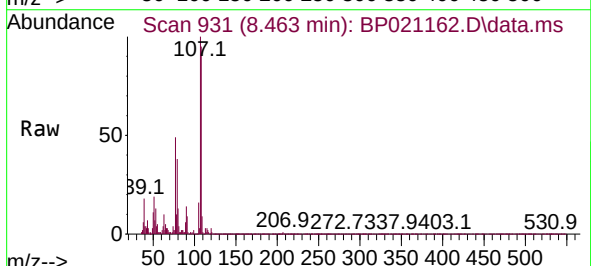
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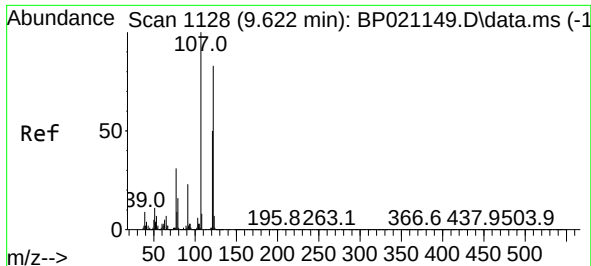
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#18
4-Methylphenol
Concen: 6.236 ng/ul
RT: 8.463 min Scan# 931
Delta R.T. 0.017 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

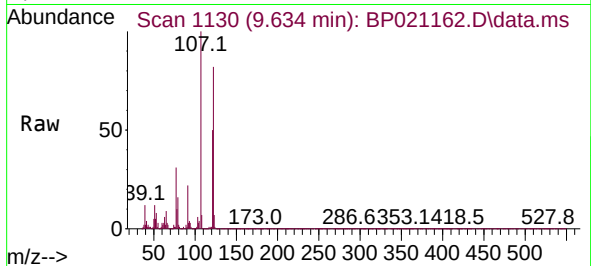
Tgt Ion:108 Resp: 74983
Ion Ratio Lower Upper
108 100
107 105.7 87.8 131.8





#26
2,4-Dimethylphenol
Concen: 67.743 ng/ul m
RT: 9.634 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

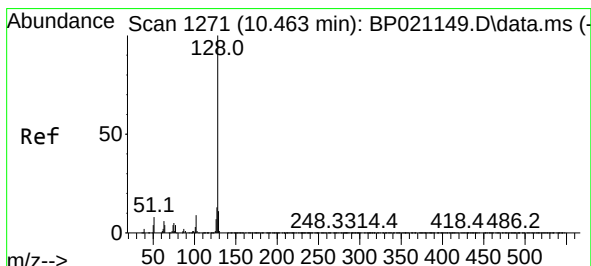
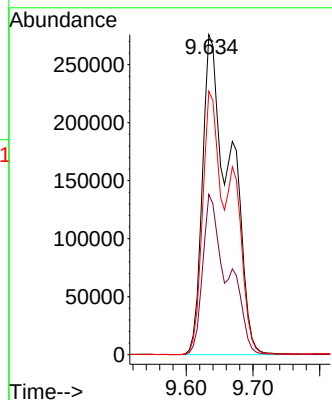
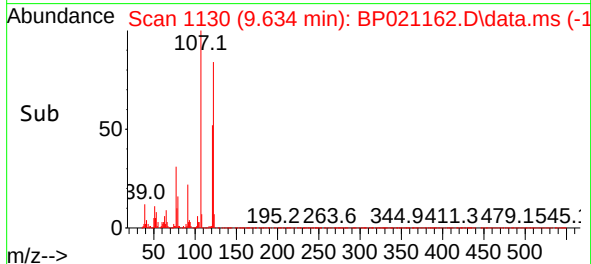
Instrument :
BNA_P
ClientSampleId :
C0AW5



Tgt Ion:107 Resp: 79675
Ion Ratio Lower Upper
107 100
121 50.1 39.6 59.4
122 82.3 66.3 99.5

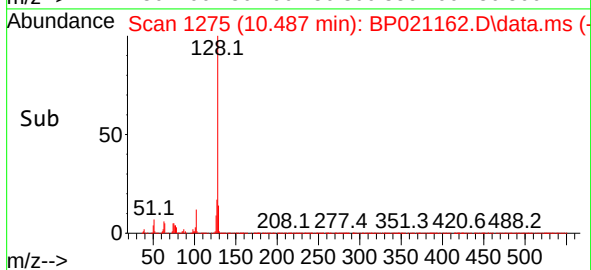
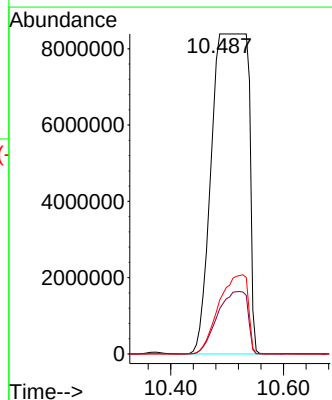
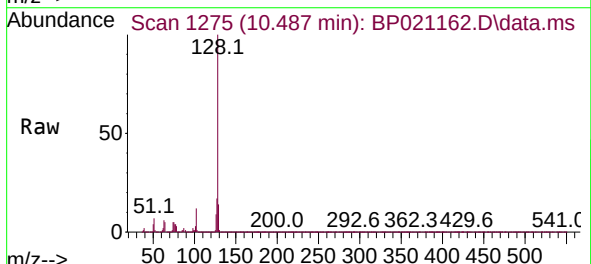
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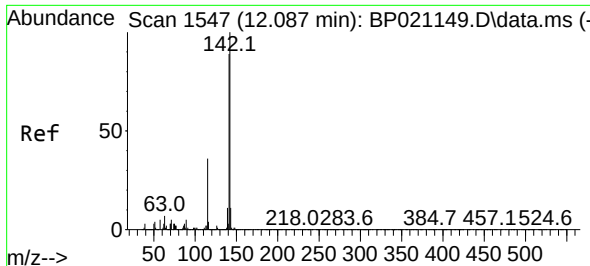
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#30
Naphthalene
Concen: 1118.786 ng/ul m
RT: 10.487 min Scan# 1275
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

Tgt Ion:128 Resp:37857137
Ion Ratio Lower Upper
128 100
129 14.2 8.6 13.0#
127 16.9 10.8 16.2#





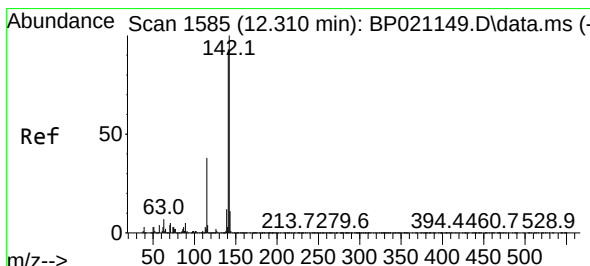
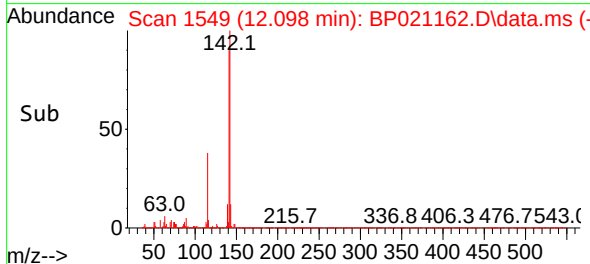
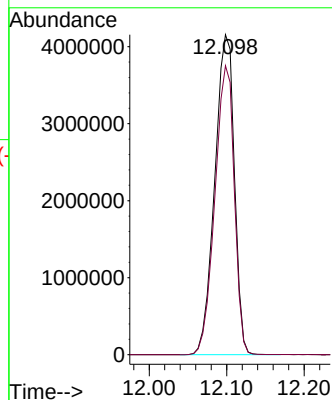
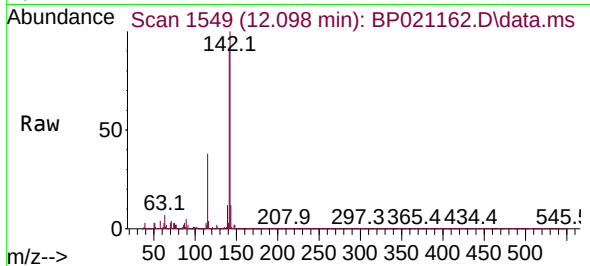
#36
2-Methylnaphthalene
Concen: 314.181 ng/ul
RT: 12.098 min Scan# 1549
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

Instrument :
BNA_P
ClientSampleId :
C0AW5

Tgt Ion:142 Resp: 7297618
Ion Ratio Lower Upper
142 100
141 90.3 72.6 108.8

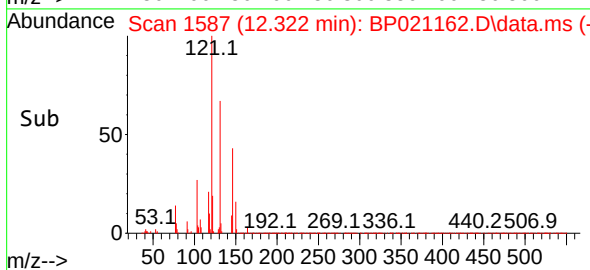
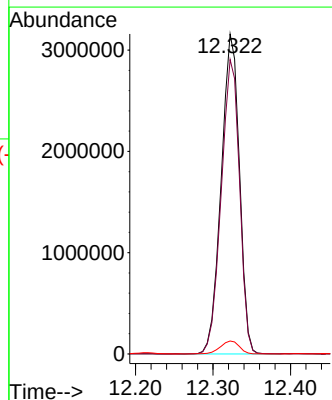
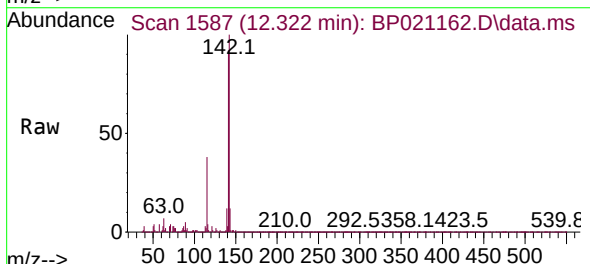
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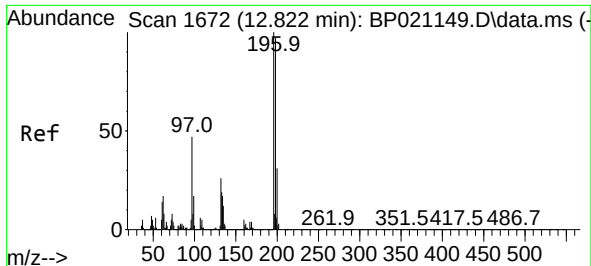
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#37
1-Methylnaphthalene
Concen: 216.086 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. 0.017 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

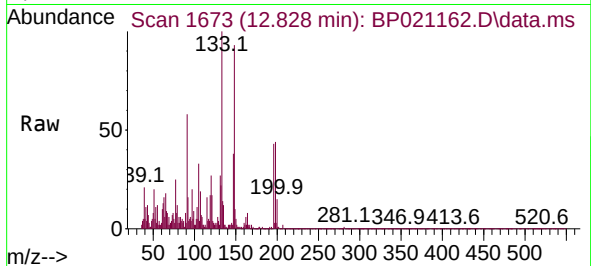
Tgt Ion:142 Resp: 5162074
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.6
116 4.1 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 1.491 ng/ul
RT: 12.828 min Scan# 1672
Delta R.T. 0.017 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

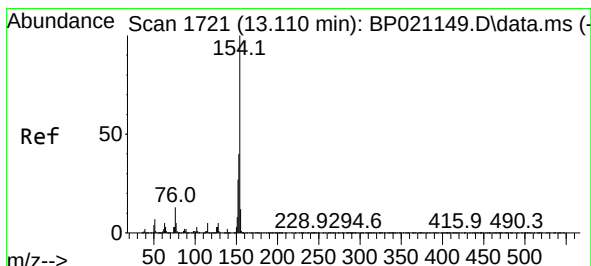
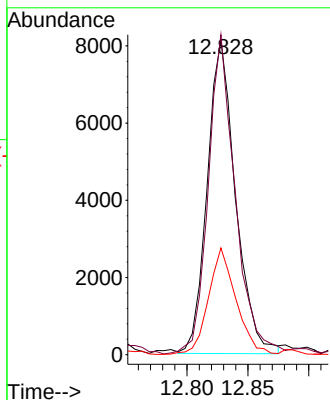
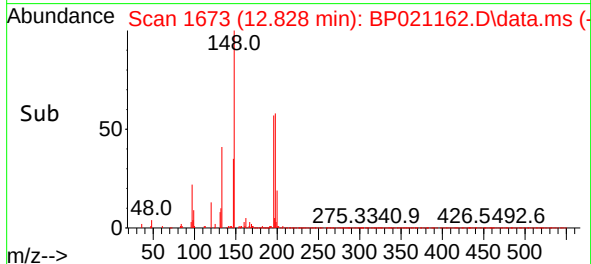
Instrument :
BNA_P
ClientSampleId :
C0AW5



Tgt Ion:196 Resp: 1314
Ion Ratio Lower Upper
196 100
198 101.7 77.1 115.7
200 33.9 25.3 37.9

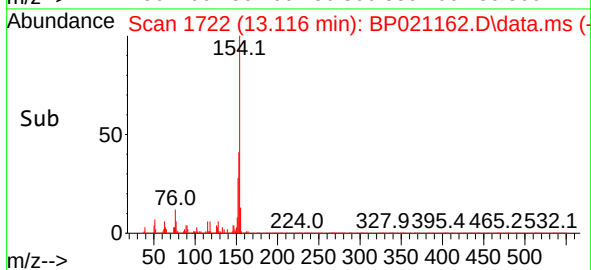
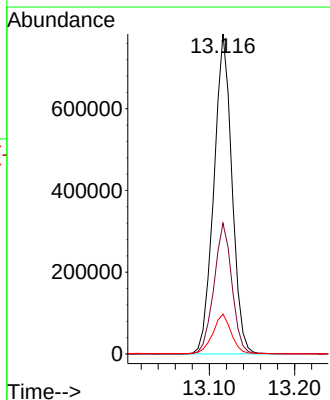
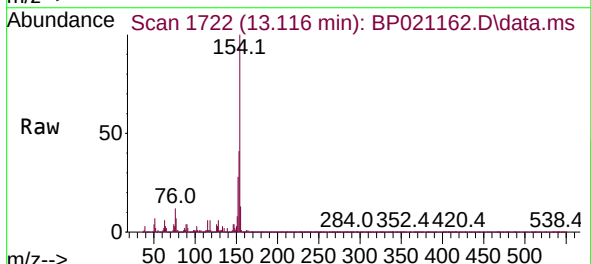
Manual Integrations
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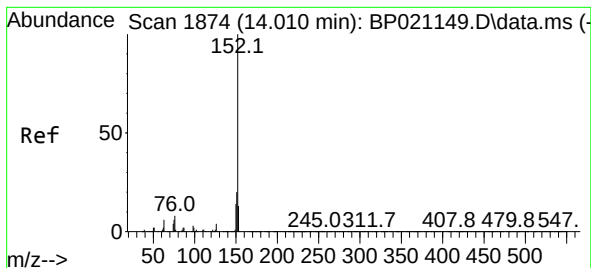
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#43
1,1'-Biphenyl
Concen: 38.883 ng/ul
RT: 13.116 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

Tgt Ion:154 Resp: 1153868
Ion Ratio Lower Upper
154 100
153 40.8 32.7 49.1
76 12.4 9.4 14.2





#50

Acenaphthylene

Concen: 5.011 ng/ul

RT: 14.016 min Scan# 1874

Delta R.T. -0.000 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

Instrument :

BNA_P

ClientSampleId :

C0AW5

Tgt Ion:152 Resp: 188052

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

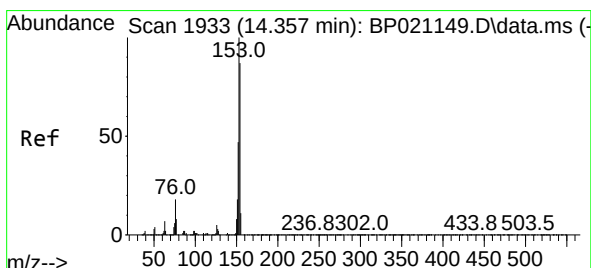
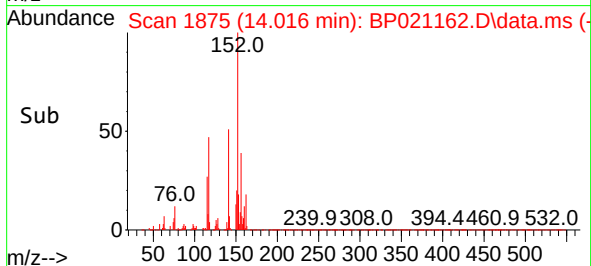
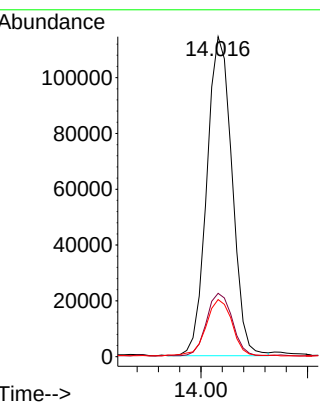
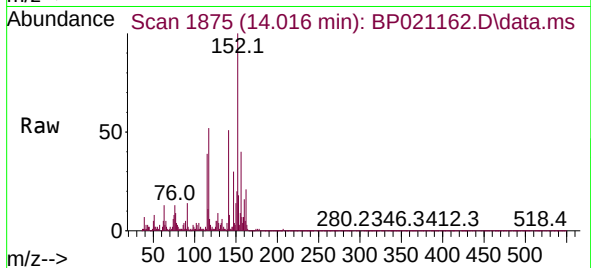
153 17.9 10.3 15.5

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/27/2024



#52

Acenaphthene

Concen: 202.815 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. 0.017 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

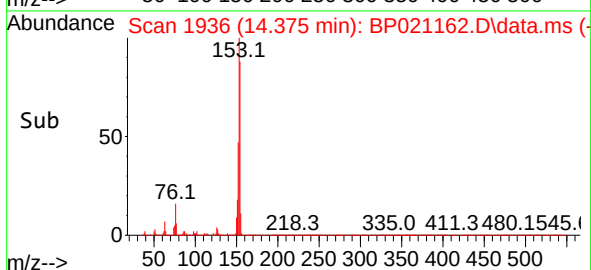
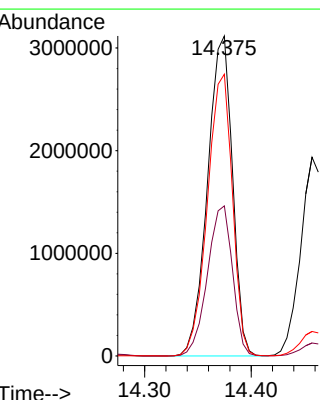
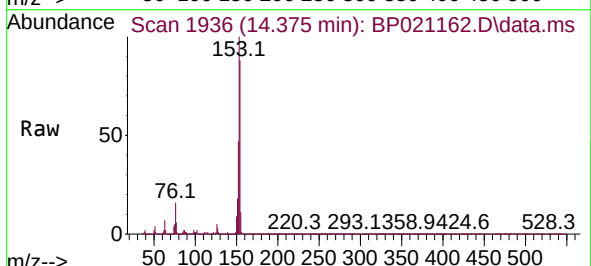
Tgt Ion:153 Resp: 5051727

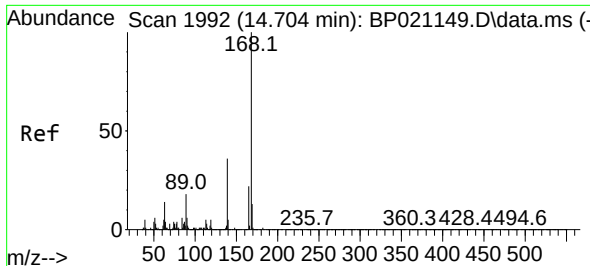
Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

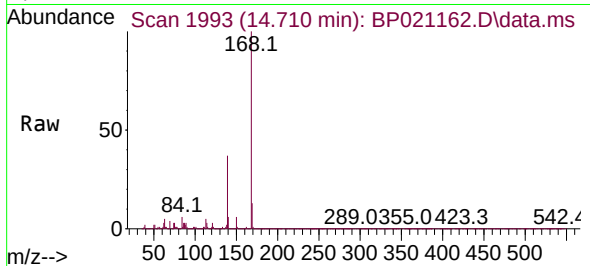
154 88.0 71.8 107.6





#56
Dibenzenofuran
Concen: 71.692 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. 0.012 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18

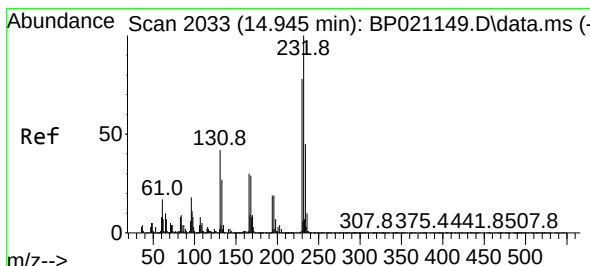
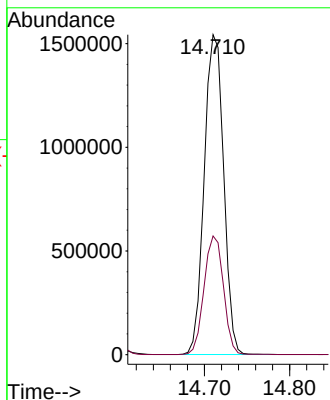
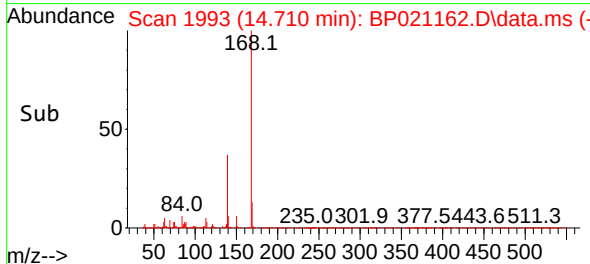
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C0AW5



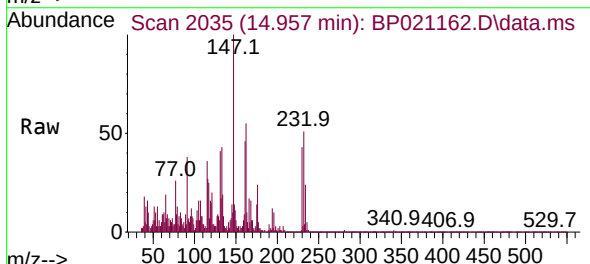
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Ion Ratio Lower Upper
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139 37.1 31.1 46.7

Manual Integrations
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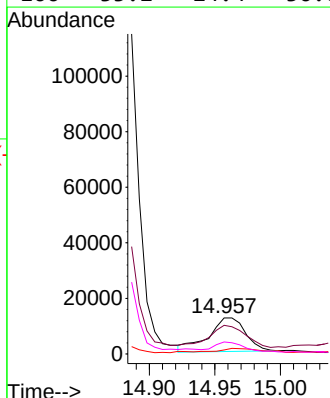
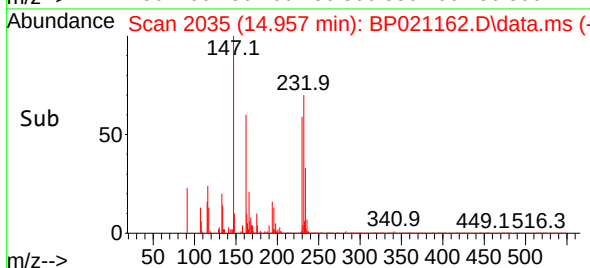
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

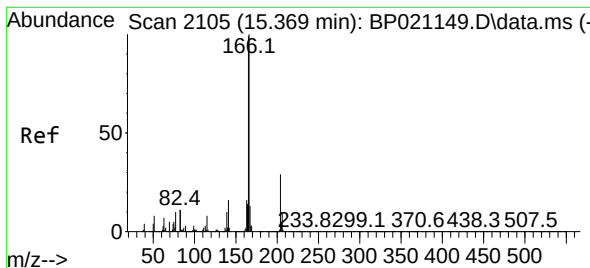


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.175 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP021162.D
Acq: 26 Jul 2024 01:18



Tgt Ion:232 Resp: 23969
Ion Ratio Lower Upper
232 100
131 79.3 34.4 51.6#
130 11.3 2.0 3.0#
166 33.2 24.4 36.6





#61

Fluorene

Concen: 59.662 ng/ul

RT: 15.381 min Scan# 2105

Delta R.T. 0.023 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

Instrument :

BNA_P

ClientSampleId :

C0AW5

Tgt Ion:166 Resp: 1660625

Ion Ratio Lower Upper

166 100

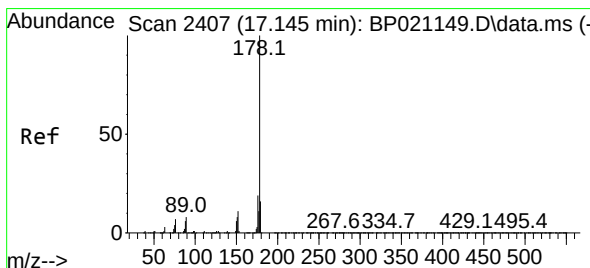
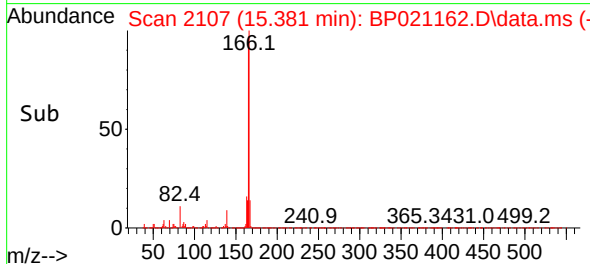
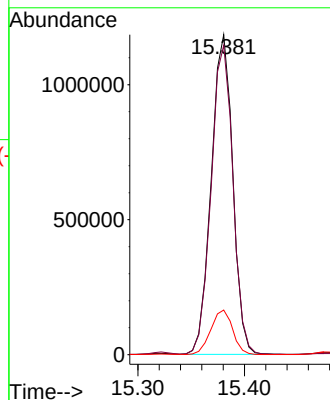
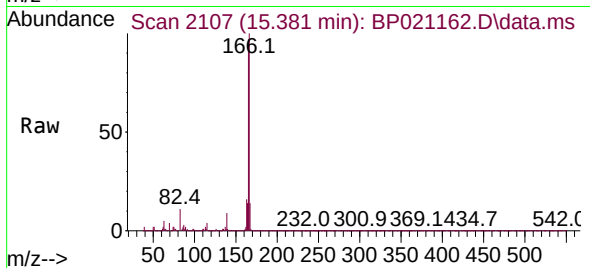
165 96.7 78.1 117.1

167 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#72

Phenanthrene

Concen: 8.426 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.023 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

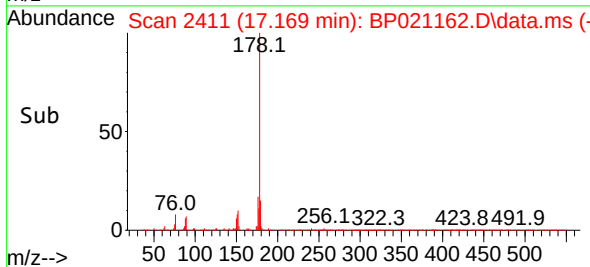
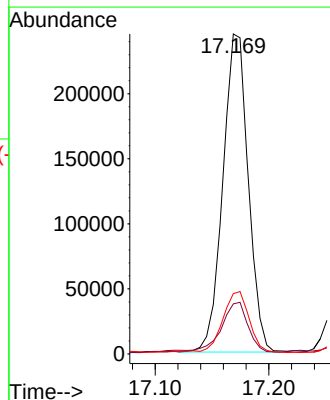
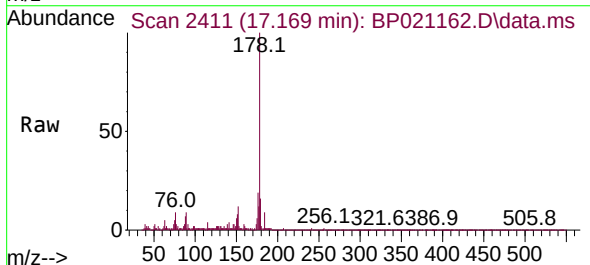
Tgt Ion:178 Resp: 379625

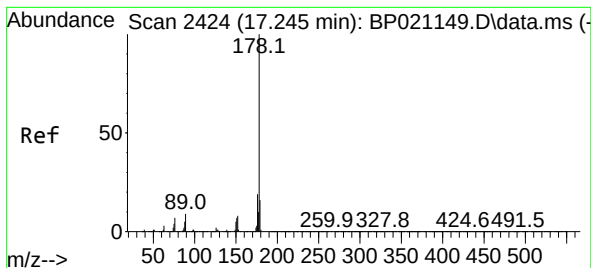
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.8 15.0 22.4





#74

Anthracene

Concen: 1.274 ng/ul m

RT: 17.263 min Scan# 2424

Delta R.T. 0.023 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

Instrument :

BNA_P

ClientSampleId :

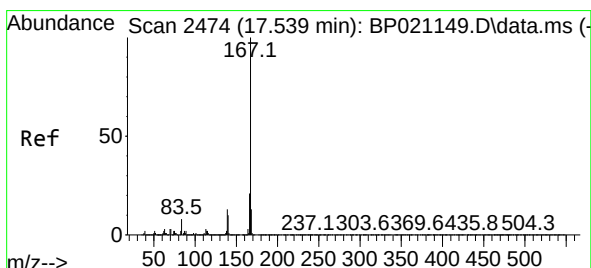
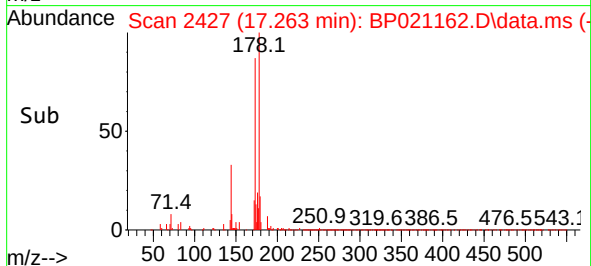
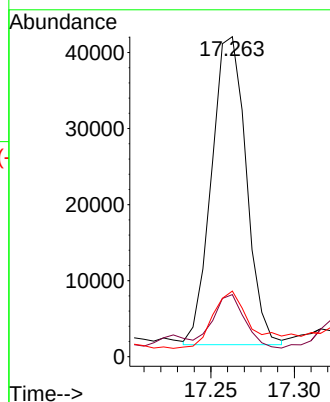
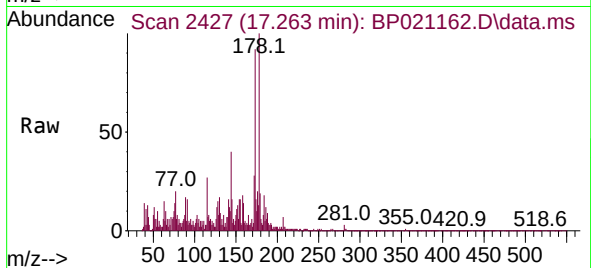
C0AW5

Tgt Ion:178	Resp: 5852
Ion Ratio	Lower Upper
178 100	
179 19.4	12.5 18.7
176 20.5	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#77

Carbazole

Concen: 103.553 ng/ul

RT: 17.569 min Scan# 2479

Delta R.T. 0.029 min

Lab File: BP021162.D

Acq: 26 Jul 2024 01:18

Tgt Ion:167	Resp: 3888129
Ion Ratio	Lower Upper
167 100	
166 21.8	17.3 25.9
139 12.9	10.2 15.2

