

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047484.D
 Acq On : 11 Sep 2024 16:40
 Operator : RC/JU
 Sample : P3878-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC46

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 17:18:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	754133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	2769935	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.504	164	1889813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	3329014	20.000	ng/u1	0.02
79) Chrysene-d12	21.462	240	2330236	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	2322189	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	63788	3.411	ng/uL	0.00
4) Pyridine-d5	3.716	84	993924	16.637	ng/u1	0.00
7) Phenol-d5	7.034	99	1483927	20.992	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	993016	22.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	1155467	21.462	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	1664190	29.951	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	622516	29.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	581214	28.761	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	1087820	26.474	ng/u1	0.01
31) 4-Chloroaniline-d4	10.804	131	1548545	23.027	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	3262409	23.487	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	3915195	23.358	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	589630	21.424	ng/u1	0.01
60) Fluorene-d10	15.498	176	2830722	23.583	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	531061	30.176	ng/u1	0.00
73) Anthracene-d10	17.351	188	3991449	24.899	ng/u1	0.02
81) Pyrene-d10	19.621	212	4041072	29.756	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.297	264	3062185	24.815	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.722	128	3033407	19.877	ng/u1	97
36) 2-Methylnaphthalene	12.339	142	6154802	58.673	ng/u1	100
37) 1-Methylnaphthalene	12.557	142	3484140	32.873	ng/u1	99
41) 2,4,6-Trichlorophenol	12.939	196	53859	1.565	ng/u1	99
42) 2,4,5-Trichlorophenol	13.010	196	108338	2.895	ng/u1	98
43) 1,1'-Biphenyl	13.339	154	450819	3.026	ng/u1#	70
52) Acenaphthene	14.569	153	315276	2.449	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	10085594	350.283	ng/u1#	89
61) Fluorene	15.551	166	526141	3.603	ng/u1#	88
71) Pentachlorophenol	16.927	266	40992658m	1655.199	ng/u1	
72) Phenanthrene	17.298	178	2461695	12.962	ng/u1	97

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

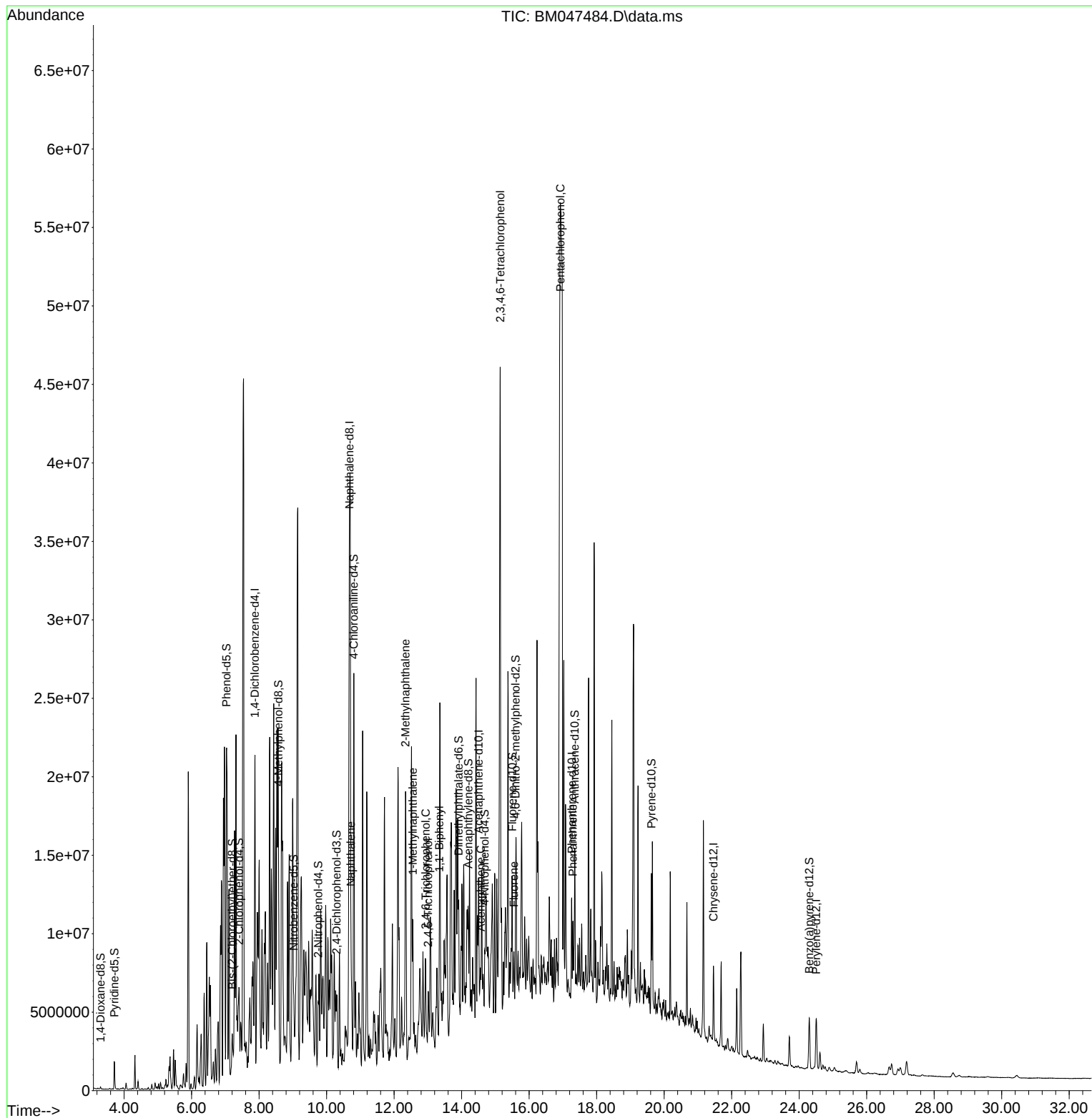
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047484.D
Acq On : 11 Sep 2024 16:40
Operator : RC/JU
Sample : P3878-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

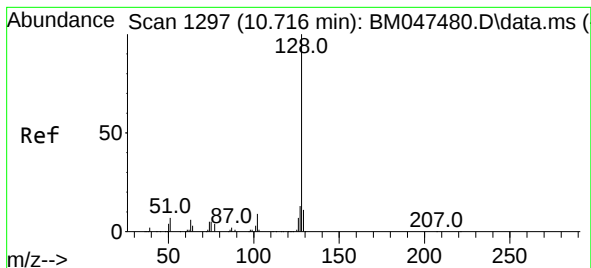
Instrument :
BNA_M
ClientSampleId :
DDC46

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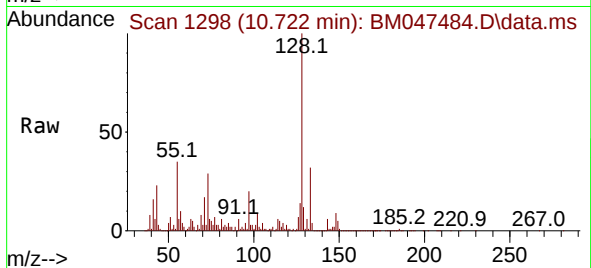
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 19.877 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

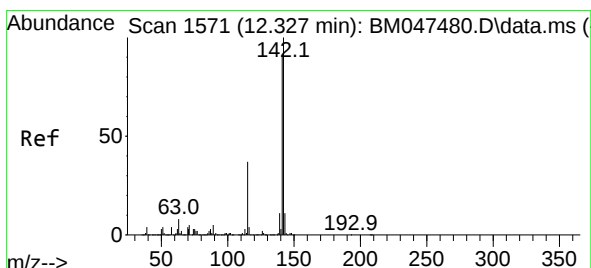
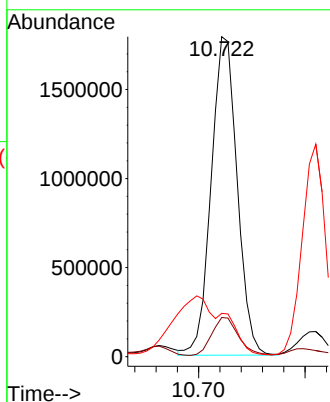
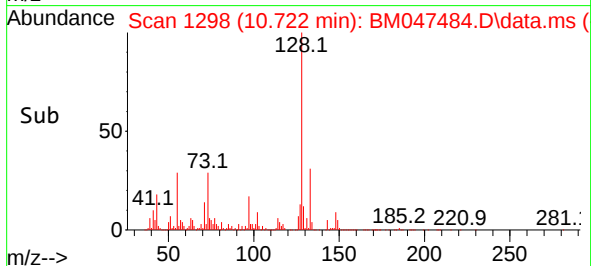
Instrument :
BNA_M
ClientSampleId :
DDC46



Tgt Ion:128 Resp: 303340
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.5 10.1 15.1

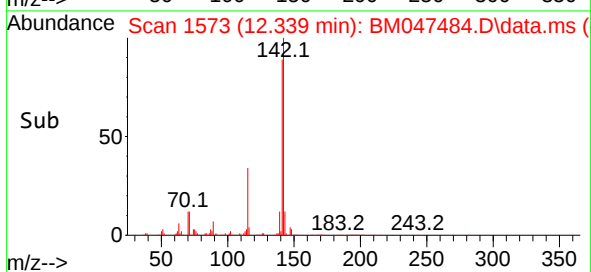
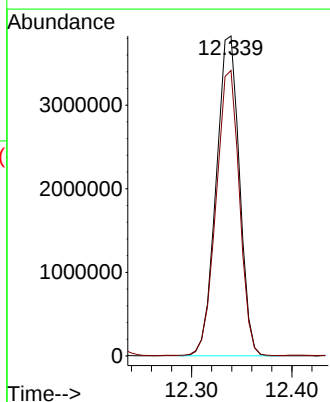
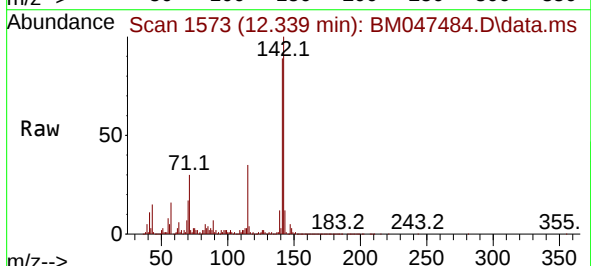
Manual Integrations
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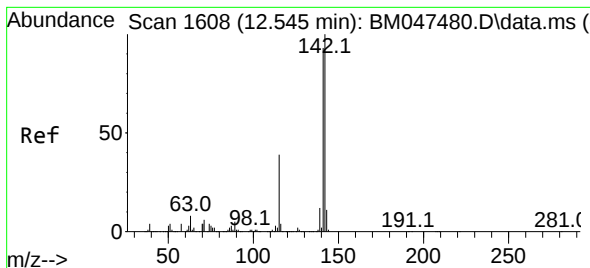
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 58.673 ng/ul
RT: 12.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

Tgt Ion:142 Resp: 6154802
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9





#37

1-Methylnaphthalene

Concen: 32.873 ng/ul

RT: 12.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047484.D

Acq: 11 Sep 2024 16:40

Instrument :

BNA_M

ClientSampleId :

DDC46

Tgt Ion:142 Resp: 348414

Ion Ratio Lower Upper

142 100

141 91.9 72.9 109.3

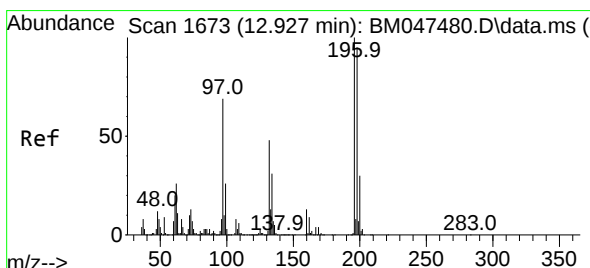
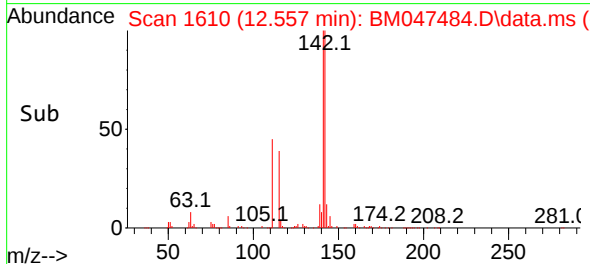
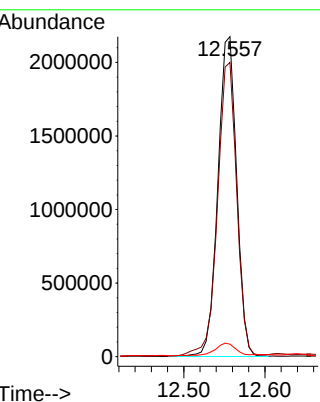
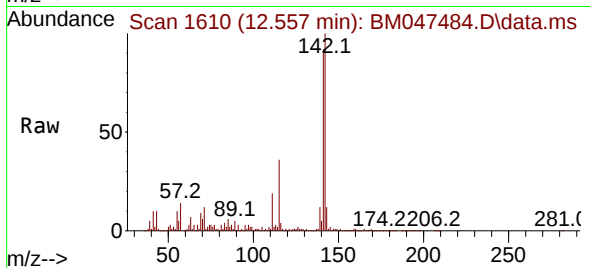
116 3.9 3.2 4.8

Manual Integrations

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#41

2,4,6-Trichlorophenol

Concen: 1.565 ng/ul

RT: 12.939 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BM047484.D

Acq: 11 Sep 2024 16:40

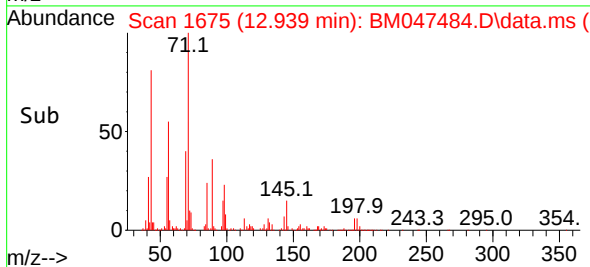
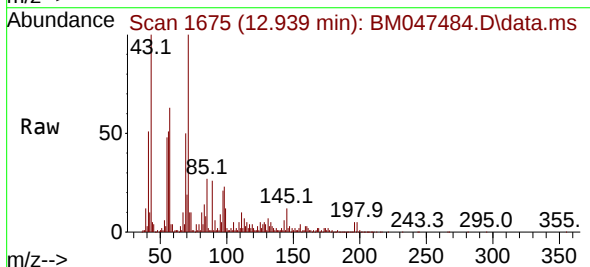
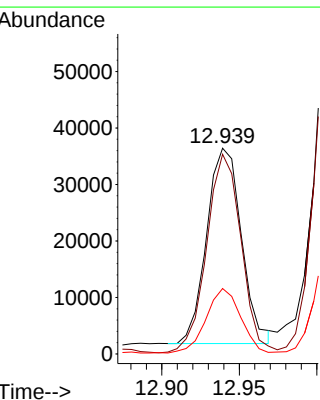
Tgt Ion:196 Resp: 53859

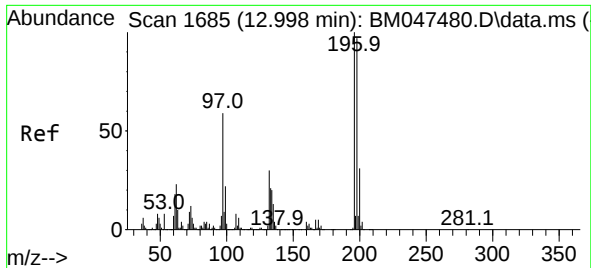
Ion Ratio Lower Upper

196 100

198 97.0 77.0 115.6

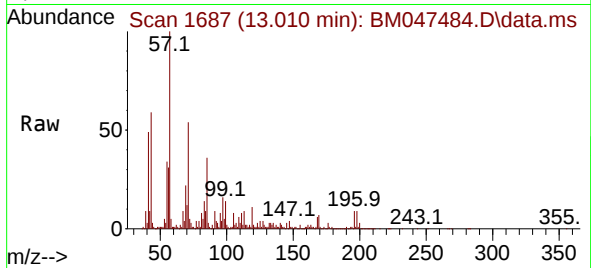
200 31.8 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 2.895 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. 0.012 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

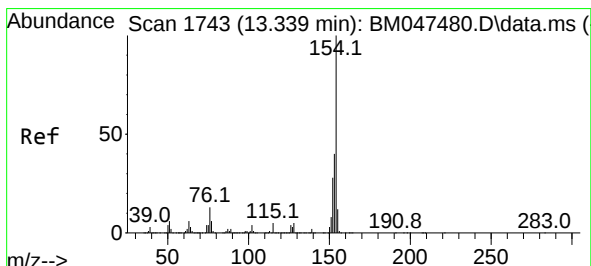
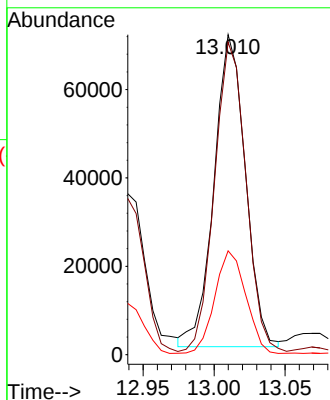
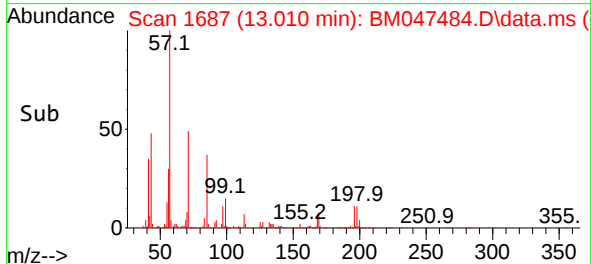
Instrument :
BNA_M
ClientSampleId :
DDC46



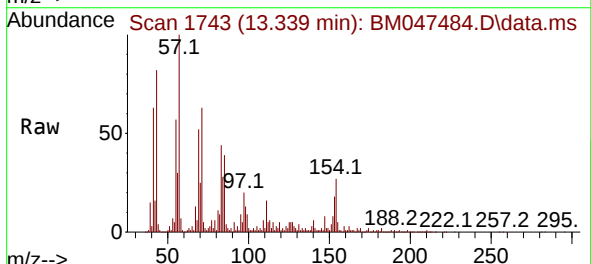
Tgt Ion:196 Resp: 108338
Ion Ratio Lower Upper
196 100
198 97.6 76.8 115.2
200 32.4 24.2 36.4

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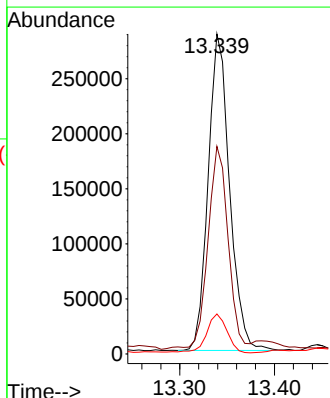
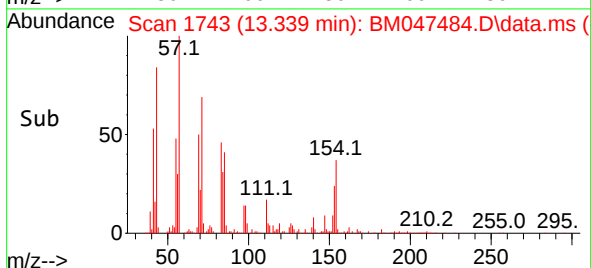
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

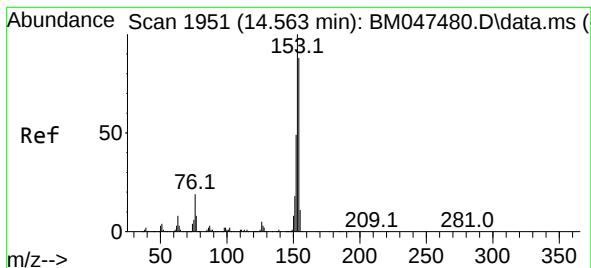


#43
1,1'-Biphenyl
Concen: 3.026 ng/ul
RT: 13.339 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40



Tgt Ion:154 Resp: 450819
Ion Ratio Lower Upper
154 100
153 64.8 32.3 48.5#
76 12.5 11.0 16.4





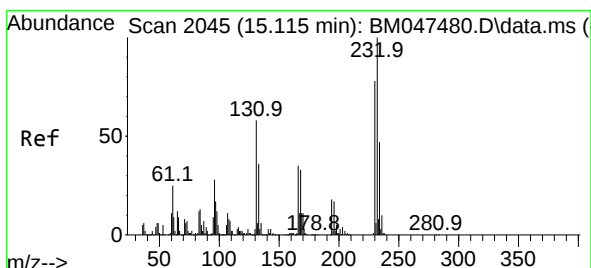
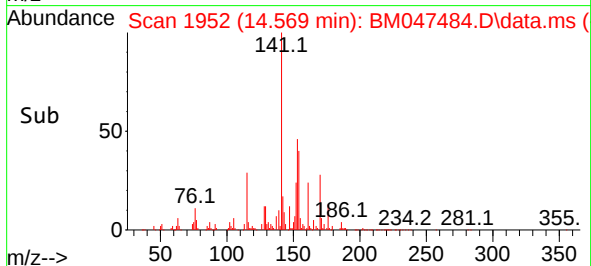
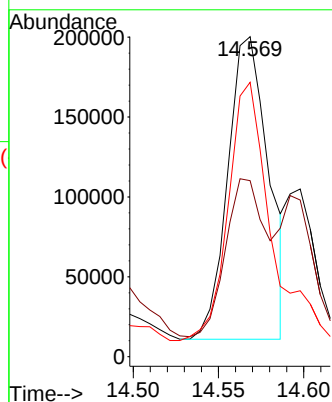
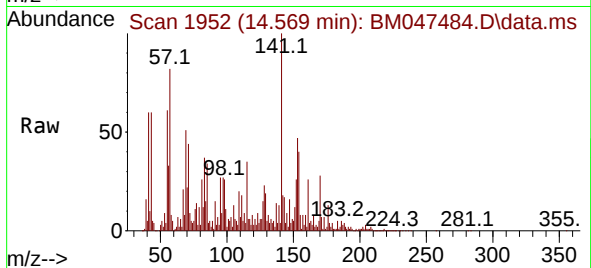
#52
Acenaphthene
Concen: 2.449 ng/ul
RT: 14.569 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

Instrument :
BNA_M
ClientSampleId :
DDC46

Tgt Ion:153 Resp: 315270
Ion Ratio Lower Upper
153 100
152 55.0 38.3 57.5
154 85.8 70.2 105.2

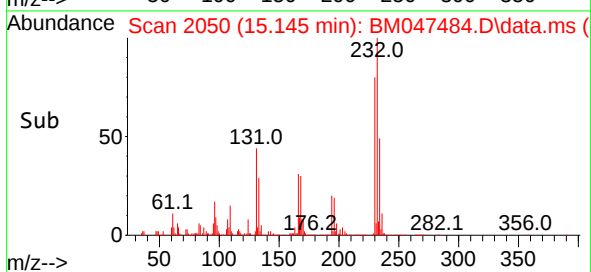
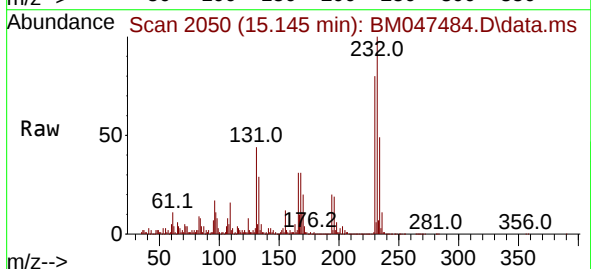
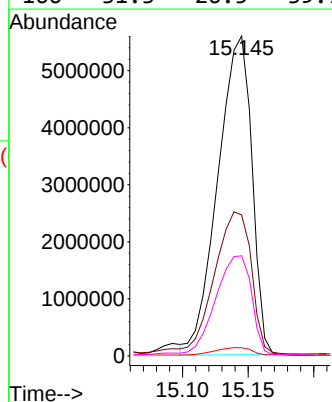
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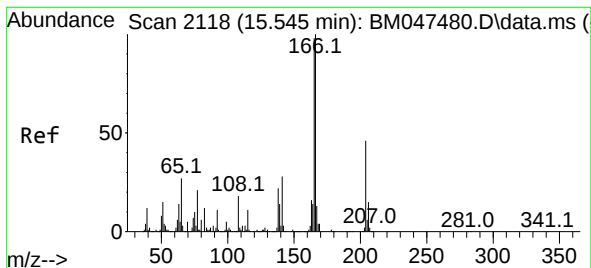
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 350.283 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. 0.023 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

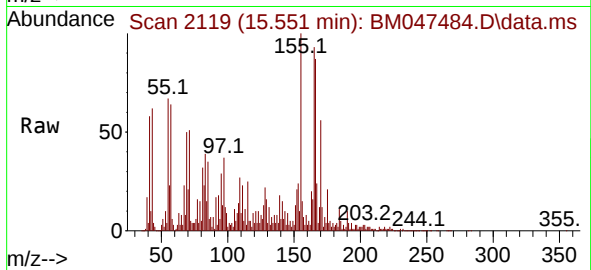
Tgt Ion:232 Resp:10085594
Ion Ratio Lower Upper
232 100
131 44.1 44.3 66.5#
130 2.6 2.5 3.7
166 31.3 26.5 39.7





#61
Fluorene
Concen: 3.603 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

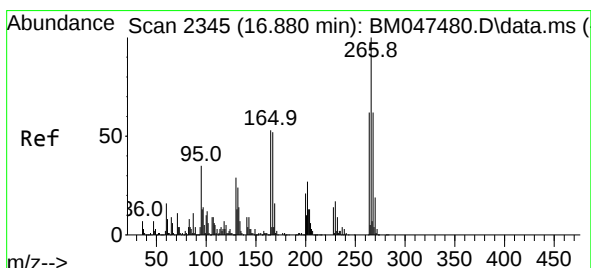
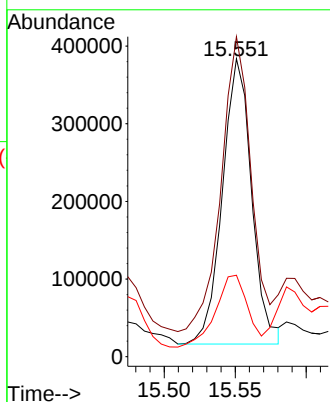
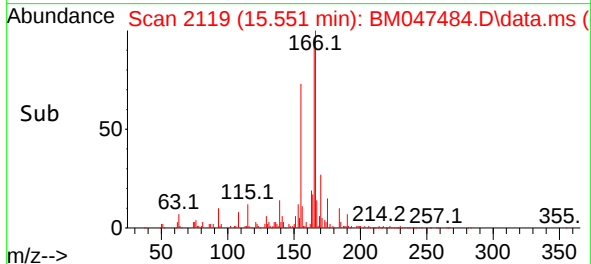
Instrument :
BNA_M
ClientSampleId :
DDC46



Tgt Ion:166 Resp: 52614
Ion Ratio Lower Upper
166 100
165 107.4 78.5 117.7
167 27.3 11.0 16.6

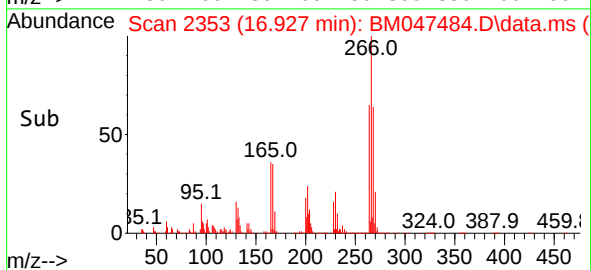
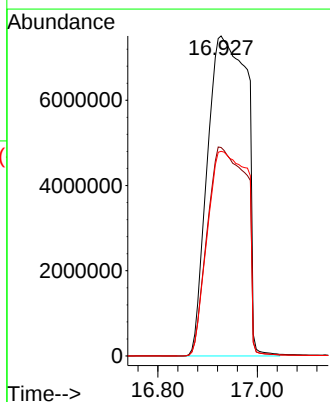
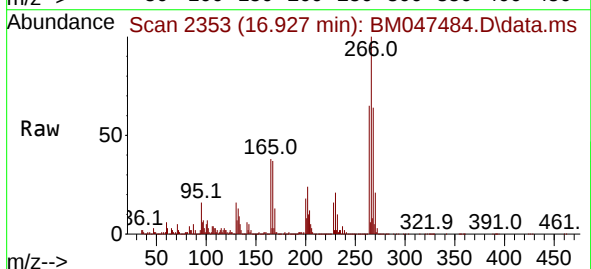
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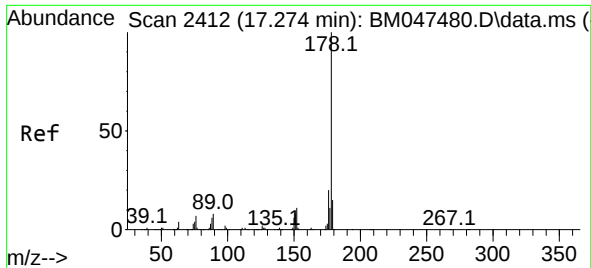
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Pentachlorophenol
Concen: 1655.199 ng/ul m
RT: 16.927 min Scan# 2353
Delta R.T. 0.041 min
Lab File: BM047484.D
Acq: 11 Sep 2024 16:40

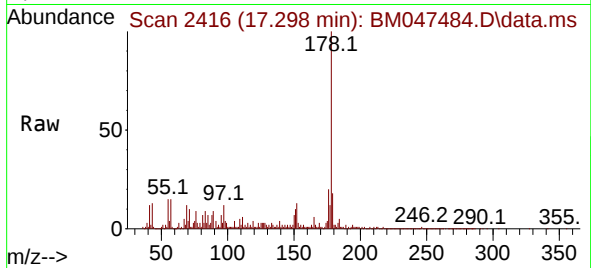
Tgt Ion:266 Resp:40992658
Ion Ratio Lower Upper
266 100
264 65.1 49.5 74.3
268 64.0 51.0 76.4





#72
 Phenanthrene
 Concen: 12.962 ng/ul
 RT: 17.298 min Scan# 2416
 Delta R.T. 0.017 min
 Lab File: BM047484.D
 Acq: 11 Sep 2024 16:40

Instrument :
 BNA_M
 ClientSampleId :
 DDC46



Tgt Ion:178 Resp: 2461699

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.2	18.2
176	19.7	15.5	23.3

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