

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047482.D
 Acq On : 11 Sep 2024 15:21
 Operator : RC/JU
 Sample : P3878-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC47

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 04:03:30 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	7.893	152	641714	20.000	ng/ul	0.02
20) Naphthalene-d8	10.686	136	2054739	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.516	164	1605696	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.292	188	2281207	20.000	ng/ul	0.05
79) Chrysene-d12	21.468	240	1712983	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	1943526	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	45272	2.845	ng/uL	0.00
4) Pyridine-d5	3.716	84	725130	14.264	ng/ul	0.00
7) Phenol-d5	7.093	99	1116074	18.554	ng/ul	0.07
9) Bis-(2-Chloroethyl)eth...	7.216	67	1480224	39.534	ng/ul	0.02
11) 2-Chlorophenol-d4	7.446	132	774851	16.914	ng/ul	0.04
15) 4-Methylphenol-d8	8.598	113	2058940	43.547	ng/ul	0.03
21) Nitrobenzene-d5	9.045	128	555393	35.001	ng/ul	0.02
24) 2-Nitrophenol-d4	9.769	143	370428	24.711	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.339	165	681177	22.347	ng/ul	0.05
31) 4-Chloroaniline-d4	10.816	131	1635992	32.794	ng/ul	0.02
46) Dimethylphthalate-d6	13.927	166	1838721	15.580	ng/ul	0.02
49) Acenaphthylene-d8	14.216	160	2334887	16.395	ng/ul	0.02
54) 4-Nitrophenol-d4	14.722	143	461769	19.747	ng/ul	0.05
60) Fluorene-d10	15.510	176	1616279	15.848	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.639	200	689899	57.207	ng/ul	0.04
73) Anthracene-d10	17.380	188	1982995	18.052	ng/ul	0.05
81) Pyrene-d10	19.627	212	2073394	20.768	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.303	264	1788646	17.319	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.739	128	4621861	40.828	ng/ul#	72
36) 2-Methylnaphthalene	12.357	142	15244054	195.900	ng/ul	99
37) 1-Methylnaphthalene	12.575	142	10003703	127.239	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	158646	5.424	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	198565	6.246	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	1213933	9.591	ng/ul#	72
52) Acenaphthene	14.580	153	1059538	9.688	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	17226929	704.175	ng/ul#	83
61) Fluorene	15.569	166	1476129	11.898	ng/ul#	93
71) Pentachlorophenol	16.933	266	54717578m	3224.199	ng/ul	
72) Phenanthrene	17.333	178	6005025	46.143	ng/ul	97
80) Fluoranthene	19.298	202	252017	2.142	ng/ul#	62
86) Bis(2-ethylhexyl)phtha...	21.386	149	187860	2.164	ng/ul#	85

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

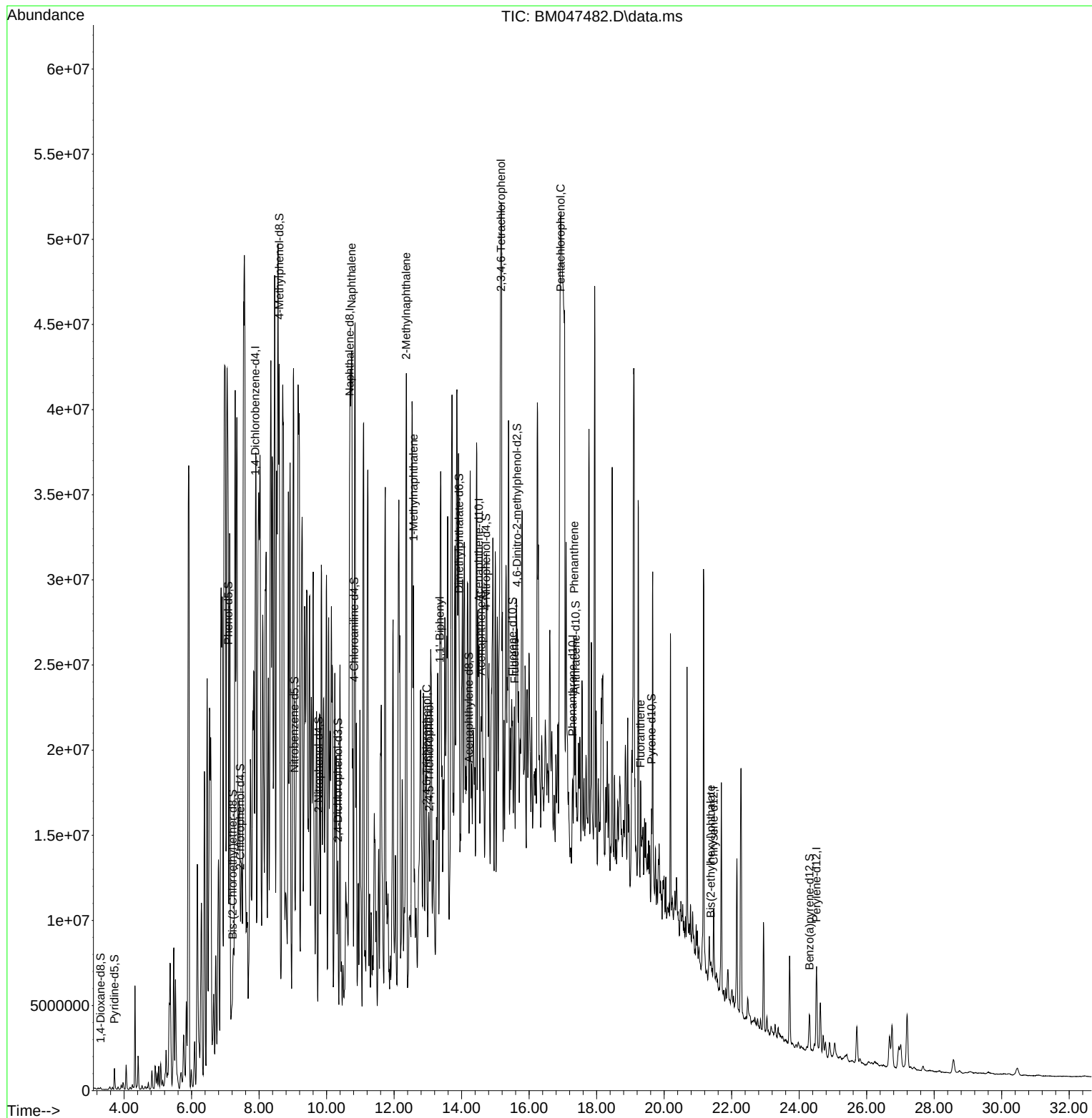
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047482.D
Acq On : 11 Sep 2024 15:21
Operator : RC/JU
Sample : P3878-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

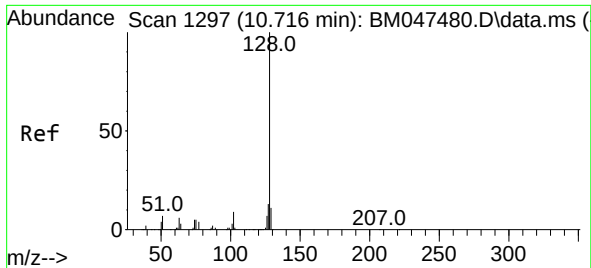
Instrument :
BNA_M
ClientSampleId :
DDC47

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Supervised By :mohammad ahmed 09/13/2024

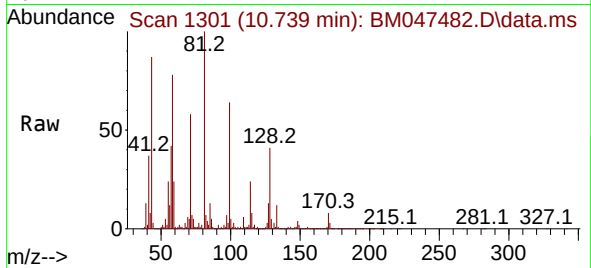
Quant Time: Sep 12 04:03:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 40.828 ng/ul
RT: 10.739 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

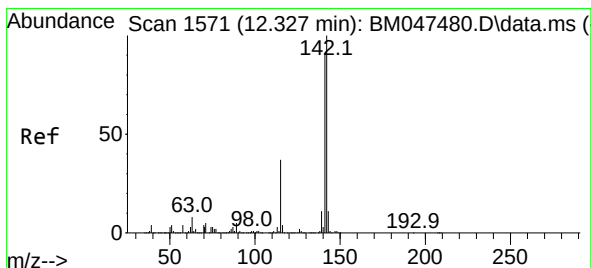
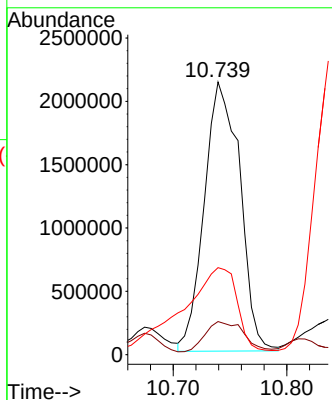
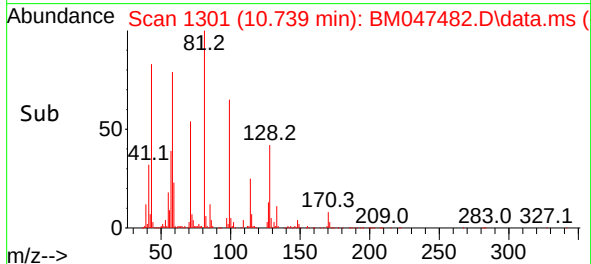
Instrument :
BNA_M
ClientSampleId :
DDC47



Tgt Ion:128 Resp: 462186
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 31.9 10.1 15.1

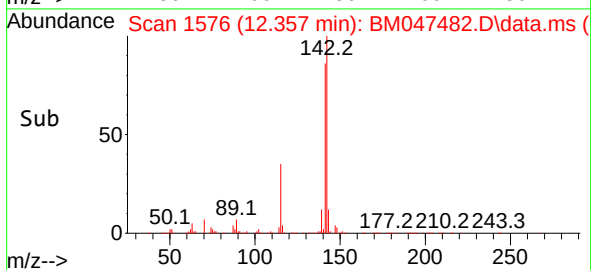
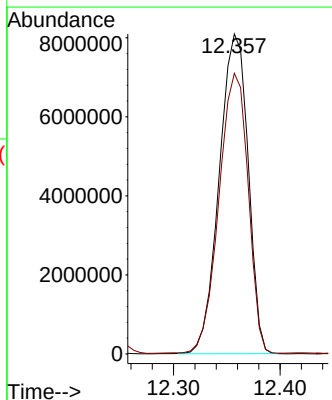
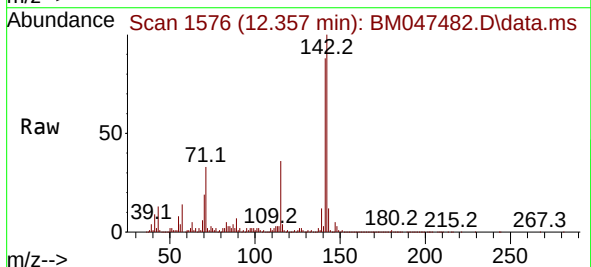
Manual Integrations
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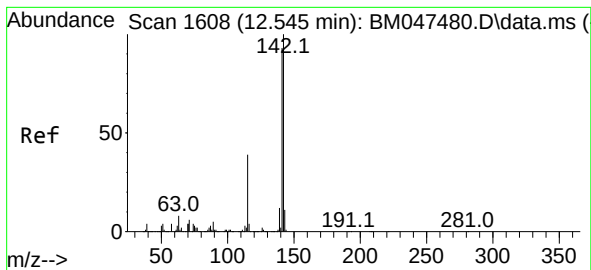
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 195.900 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. 0.023 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

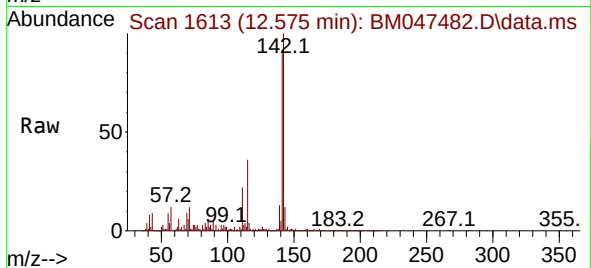
Tgt Ion:142 Resp:15244054
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9





#37
1-Methylnaphthalene
Concen: 127.239 ng/ul
RT: 12.575 min Scan# 1
Delta R.T. 0.023 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

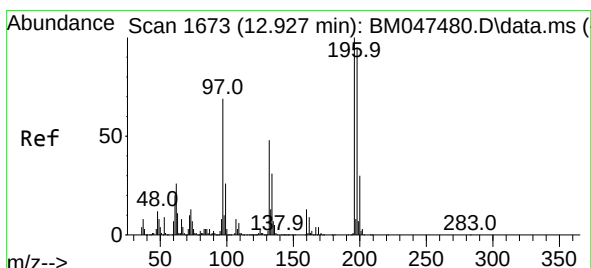
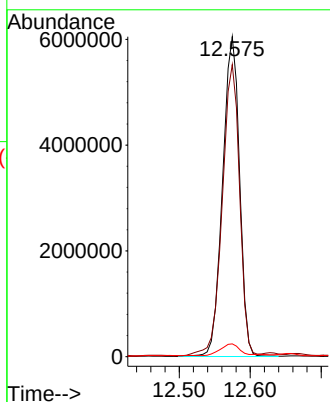
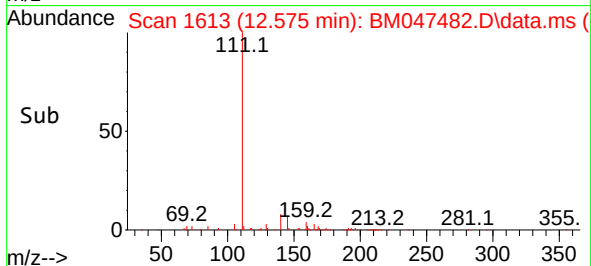
Instrument :
BNA_M
ClientSampleId :
DDC47



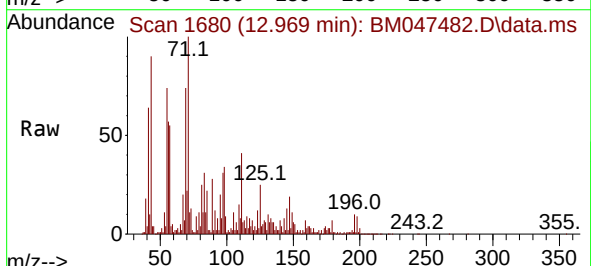
Tgt Ion:142 Resp:1000370
Ion Ratio Lower Upper
142 100
141 91.3 72.9 109.3
116 4.0 3.2 4.8

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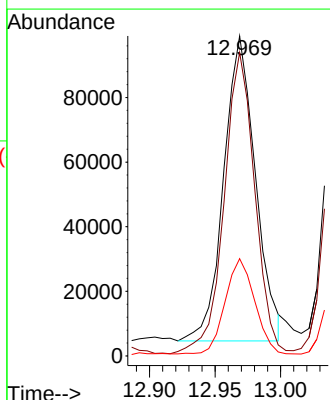
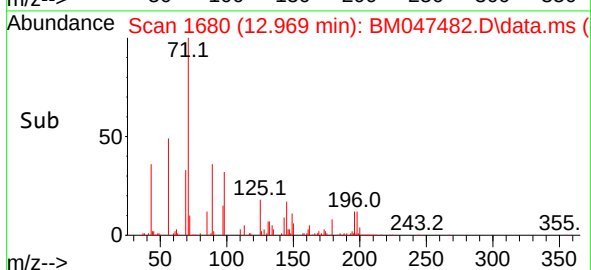
Reviewed By :Jagrut Upadhyay 09/12/2024
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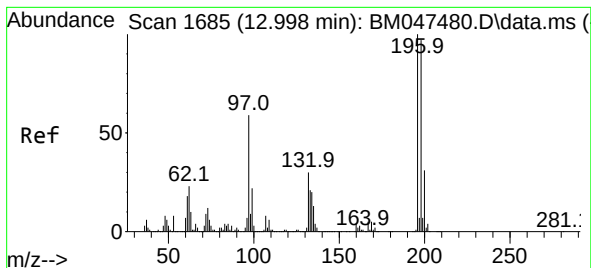


#41
2,4,6-Trichlorophenol
Concen: 5.424 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. 0.035 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21



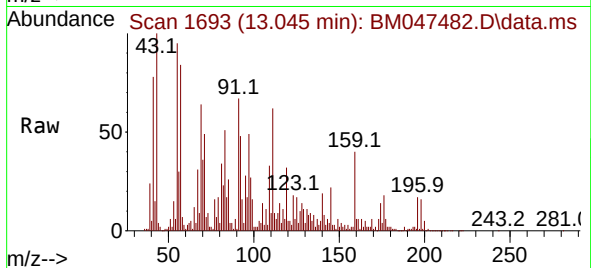
Tgt Ion:196 Resp: 158646
Ion Ratio Lower Upper
196 100
198 94.8 77.0 115.6
200 30.4 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 6.246 ng/ul
RT: 13.045 min Scan# 1685
Delta R.T. 0.047 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

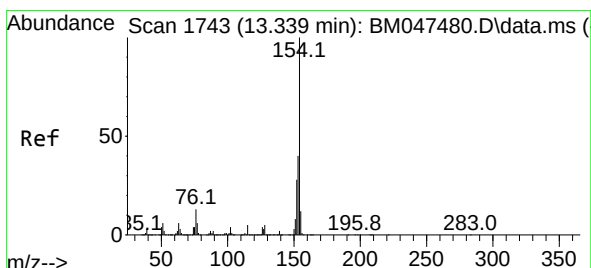
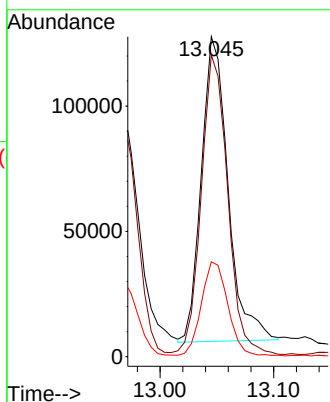
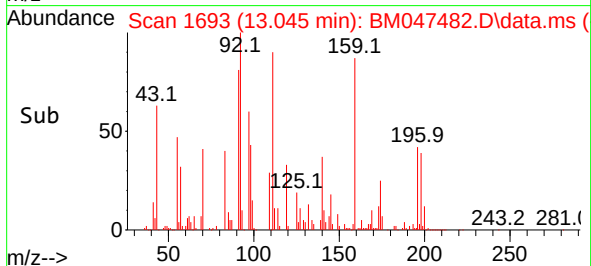
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:196 Resp: 19856
Ion Ratio Lower Upper
196 100
198 94.3 76.8 115.2
200 29.7 24.2 36.4

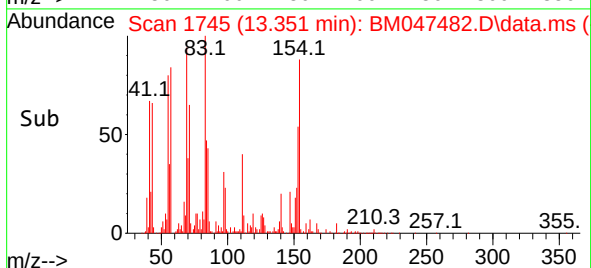
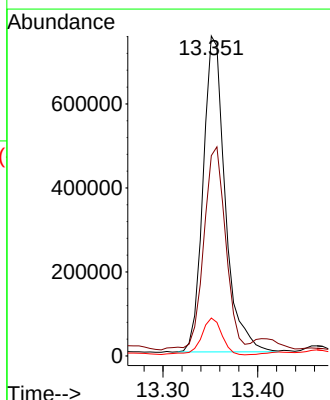
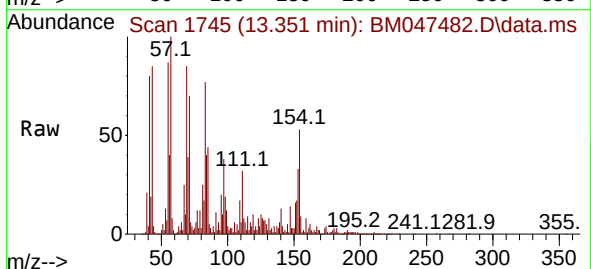
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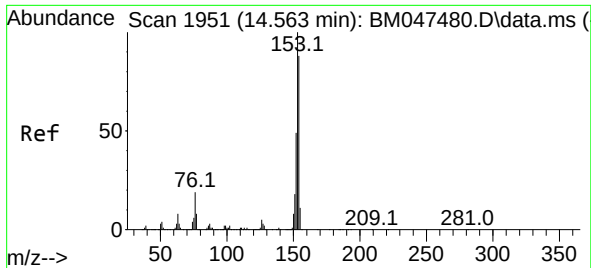
Reviewed By :Jagrut Upadhyay 09/12/2024
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#43
1,1'-Biphenyl
Concen: 9.591 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.012 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

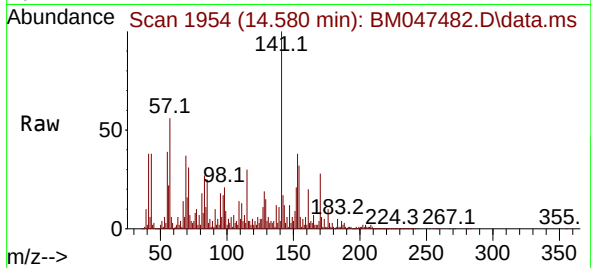
Tgt Ion:154 Resp: 1213933
Ion Ratio Lower Upper
154 100
153 62.6 32.3 48.5#
76 11.9 11.0 16.4





#52
Acenaphthene
Concen: 9.688 ng/uI
RT: 14.580 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21

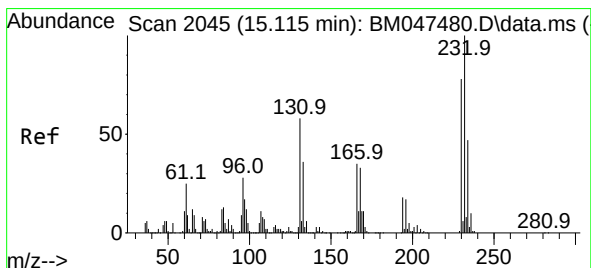
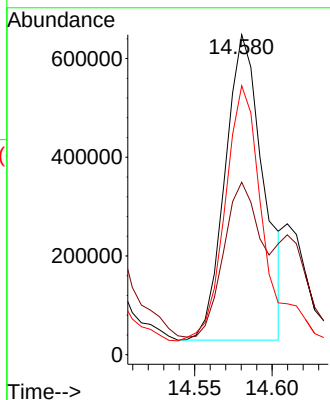
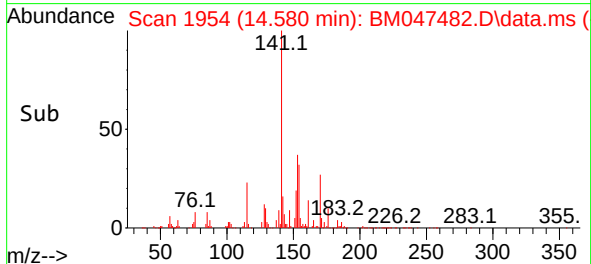
Instrument :
BNA_M
ClientSampleId :
DDC47



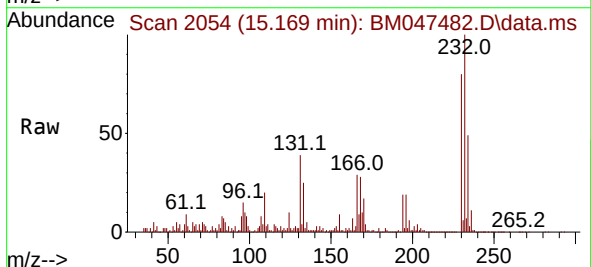
Tgt Ion:153 Resp: 1059538
Ion Ratio Lower Upper
153 100
152 53.9 38.3 57.5
154 84.1 70.2 105.2

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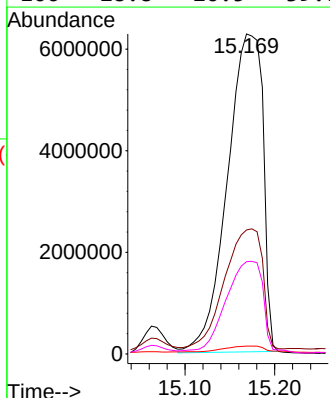
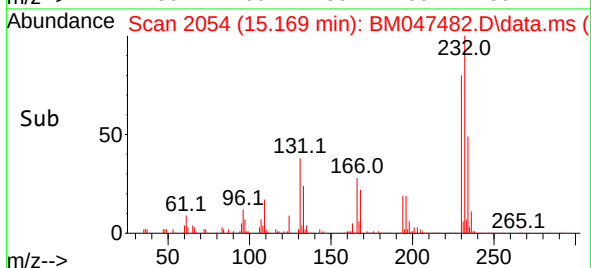
Reviewed By :Jagrut Upadhyay 09/12/2024
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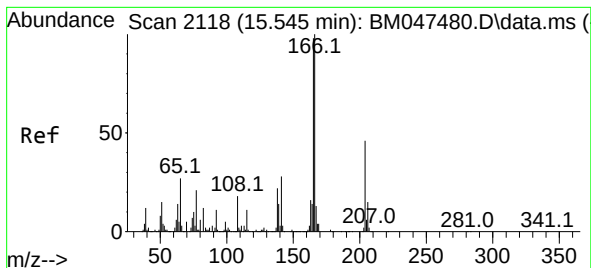


#58
2,3,4,6-Tetrachlorophenol
Concen: 704.175 ng/uI
RT: 15.169 min Scan# 2054
Delta R.T. 0.047 min
Lab File: BM047482.D
Acq: 11 Sep 2024 15:21



Tgt Ion:232 Resp:17226929
Ion Ratio Lower Upper
232 100
131 38.7 44.3 66.5#
130 2.5 2.5 3.7#
166 28.8 26.5 39.7





#61

Fluorene

Concen: 11.898 ng/ul

RT: 15.569 min Scan# 2118

Delta R.T. 0.023 min

Lab File: BM047482.D

Acq: 11 Sep 2024 15:21

Instrument :

BNA_M

ClientSampleId :

DDC47

Tgt Ion:166 Resp: 1476129

Ion Ratio Lower Upper

166 100

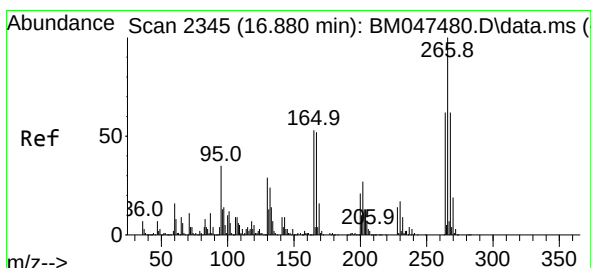
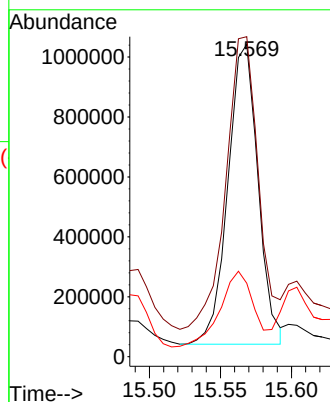
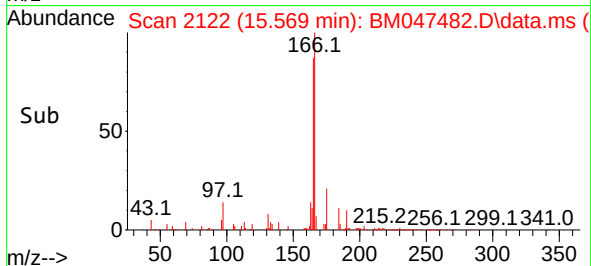
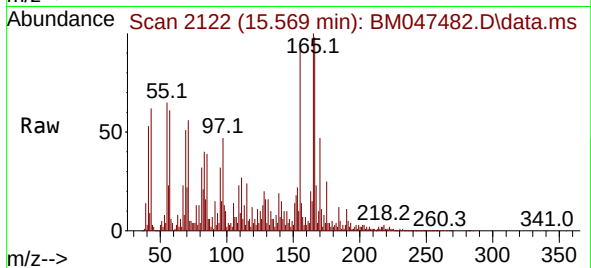
165 102.5 78.5 117.7

167 23.5 11.0 16.6

Manual Integrations

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#71

Pentachlorophenol

Concen: 3224.199 ng/ul m

RT: 16.933 min Scan# 2354

Delta R.T. 0.047 min

Lab File: BM047482.D

Acq: 11 Sep 2024 15:21

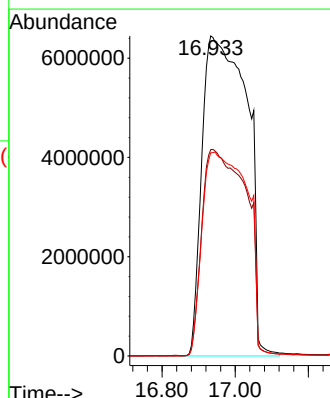
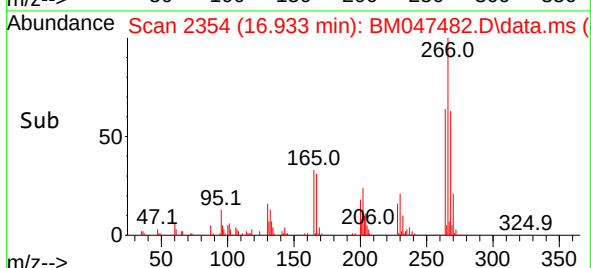
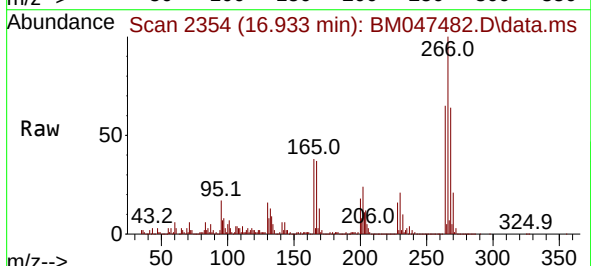
Tgt Ion:266 Resp:54717578

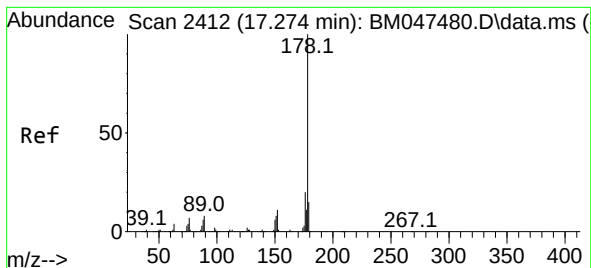
Ion Ratio Lower Upper

266 100

264 64.5 49.5 74.3

268 63.5 51.0 76.4





#72

Phenanthrene

Concen: 46.143 ng/u1

RT: 17.333 min Scan# 2412

Delta R.T. 0.053 min

Lab File: BM047482.D

Acq: 11 Sep 2024 15:21

Instrument :

BNA_M

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DDC47

Tgt Ion:178 Resp: 600502

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.2

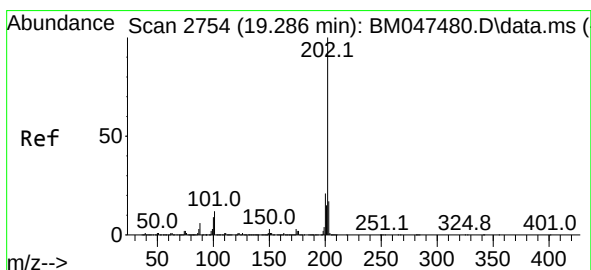
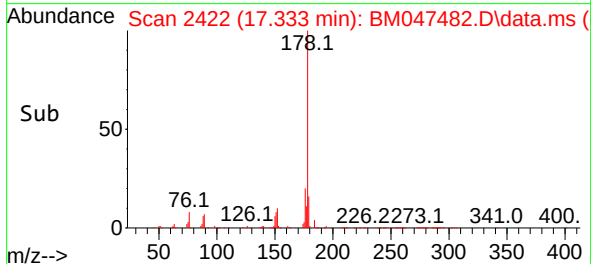
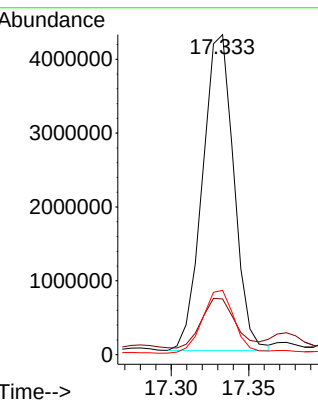
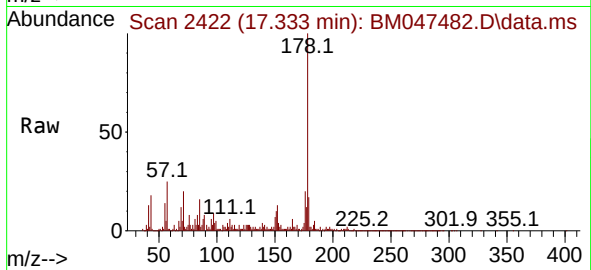
176 20.1 15.5 23.3

Manual Integrations

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#80

Fluoranthene

Concen: 2.142 ng/u1

RT: 19.298 min Scan# 2756

Delta R.T. 0.012 min

Lab File: BM047482.D

Acq: 11 Sep 2024 15:21

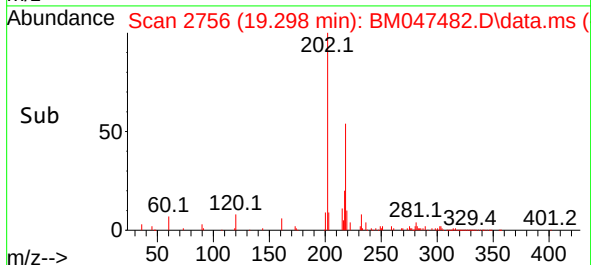
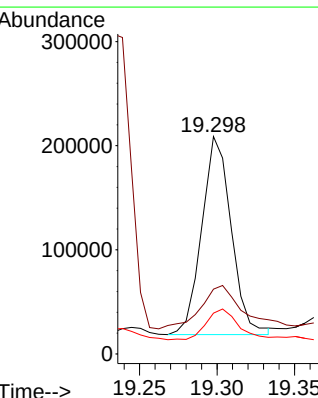
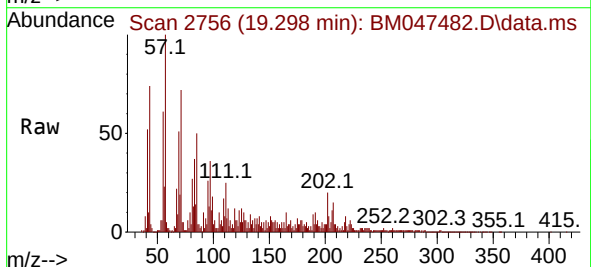
Tgt Ion:202 Resp: 252017

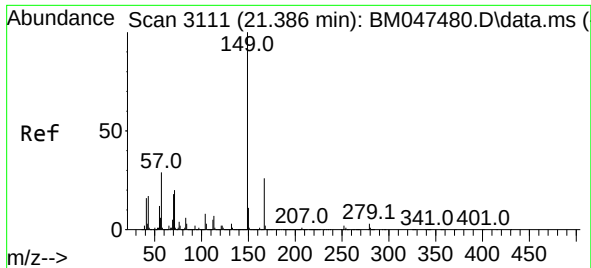
Ion Ratio Lower Upper

202 100

101 29.8 9.6 14.4#

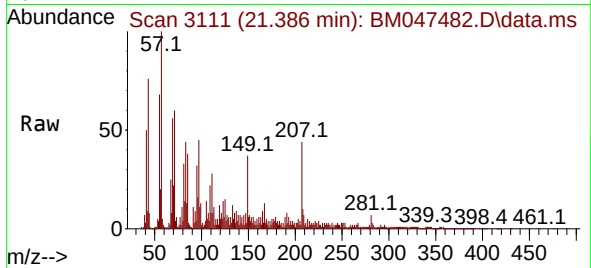
100 18.8 7.3 10.9#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.164 ng/ul
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BM047482.D
 Acq: 11 Sep 2024 15:21

Instrument :
 BNA_M
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Tgt Ion:149 Resp: 187860
 Ion Ratio Lower Upper
 149 100
 167 34.5 20.9 31.3
 279 5.7 2.6 4.0

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