

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047486.D
 Acq On : 11 Sep 2024 17:59
 Operator : RC/JU
 Sample : P3878-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVY6

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 01:26:49 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	7.881	152	719344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	2415281	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.510	164	1907041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	3105510	20.000	ng/u1	0.04
79) Chrysene-d12	21.462	240	2096981	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	2212757	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	44644	2.503	ng/uL	0.00
4) Pyridine-d5	3.722	84	623426	10.940	ng/u1	0.01
7) Phenol-d5	7.069	99	909967	13.495	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.210	67	1164938	27.756	ng/u1	0.01
11) 2-Chlorophenol-d4	7.428	132	726028	14.138	ng/u1	0.02
15) 4-Methylphenol-d8	8.575	113	1539391	29.045	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	459249m	24.622	ng/u1	0.01
24) 2-Nitrophenol-d4	9.757	143	353842	20.081	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.316	165	662153	18.481	ng/u1	0.03
31) 4-Chloroaniline-d4	10.804	131	1395660	23.801	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	1848506	13.188	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2253210	13.321	ng/u1	0.01
54) 4-Nitrophenol-d4	14.663	143	266978	9.613	ng/u1	-0.01
60) Fluorene-d10	15.504	176	1646894	13.597	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	134766	8.209	ng/u1	0.01
73) Anthracene-d10	17.368	188	2095939	14.016	ng/u1	0.04
81) Pyrene-d10	19.621	212	2057881	16.838	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	1654937	14.074	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.734	128	6681165	50.209	ng/u1	97
36) 2-Methylnaphthalene	12.345	142	9054157	98.985	ng/u1	99
37) 1-Methylnaphthalene	12.563	142	5811082	62.879	ng/u1	99
41) 2,4,6-Trichlorophenol	12.951	196	96518	2.778	ng/u1	92
42) 2,4,5-Trichlorophenol	13.028	196	118349	3.134	ng/u1	97
43) 1,1'-Biphenyl	13.345	154	1101875	7.330	ng/u1	89
52) Acenaphthene	14.574	153	354622	2.730	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.163	232	14452194	497.404	ng/u1#	84
61) Fluorene	15.557	166	775646	5.264	ng/u1#	85
71) Pentachlorophenol	16.933	266	51788288m	2241.601	ng/u1	
72) Phenanthrene	17.315	178	2782082	15.703	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.386	149	185266	1.743	ng/u1#	88

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

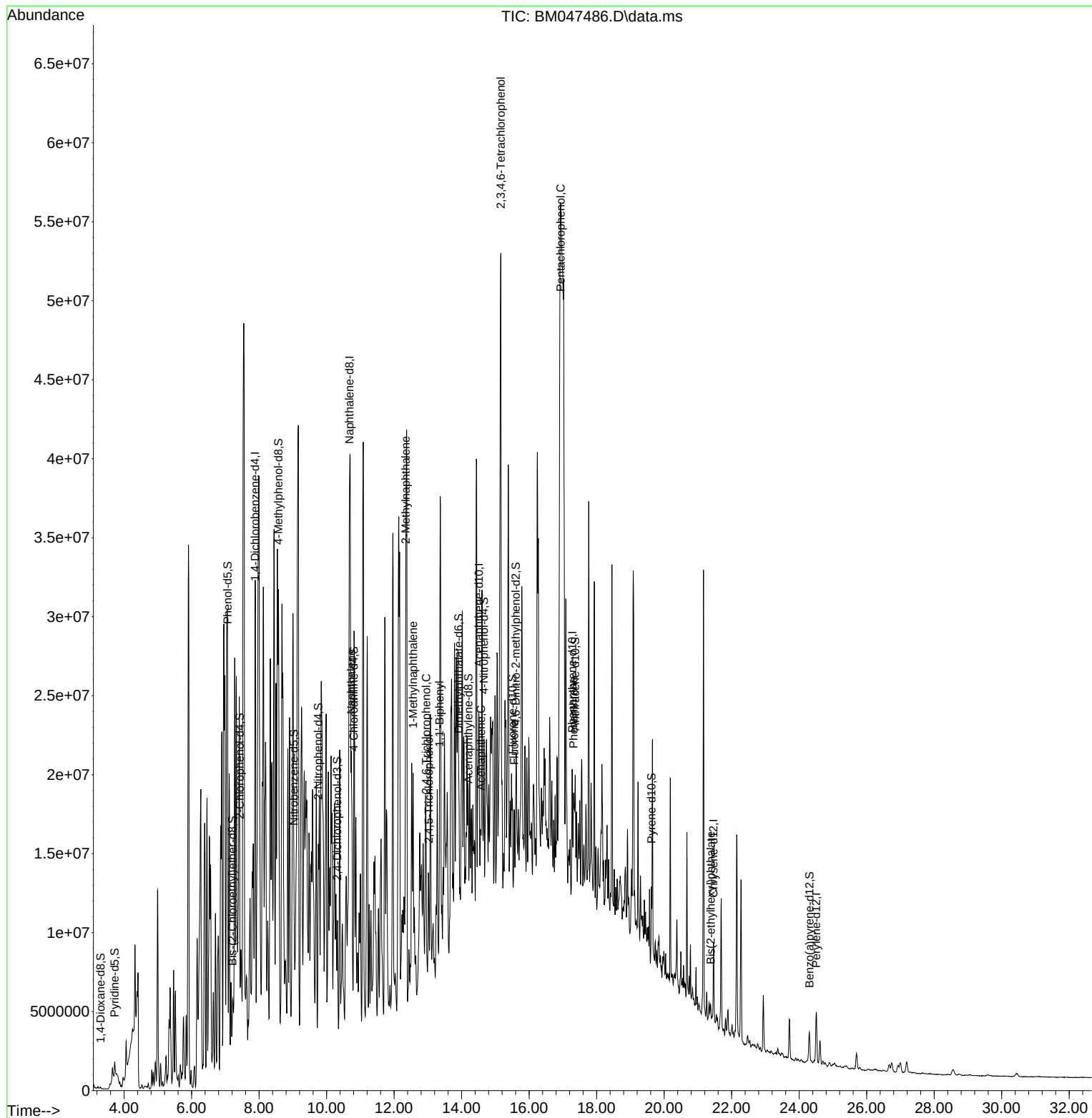
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047486.D
Acq On : 11 Sep 2024 17:59
Operator : RC/JU
Sample : P3878-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

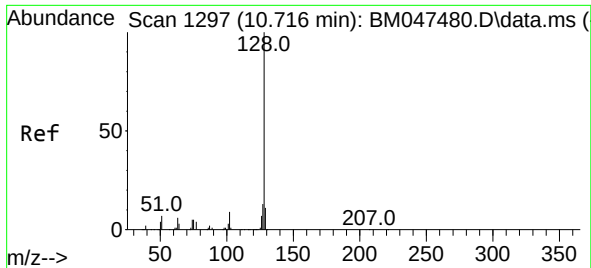
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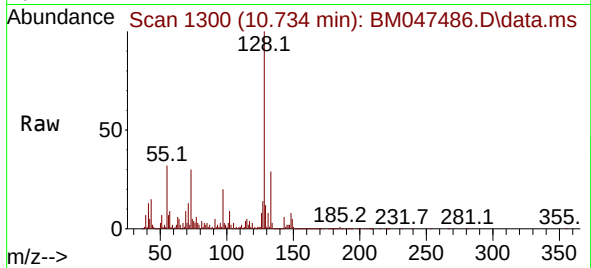
Quant Time: Sep 12 01:26:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 50.209 ng/ul
RT: 10.734 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

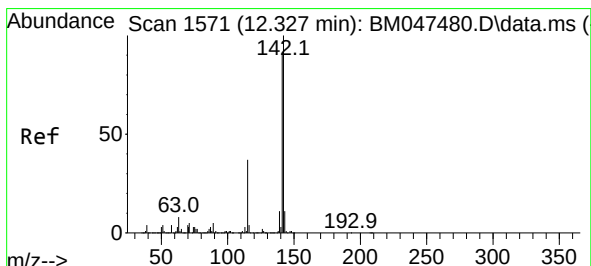
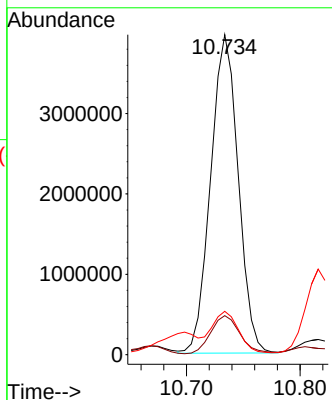
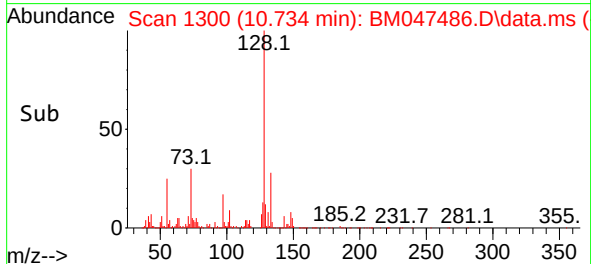
Instrument :
BNA_M
ClientSampleId :
DCVY6



Tgt Ion:128 Resp: 668116
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.6 10.1 15.1

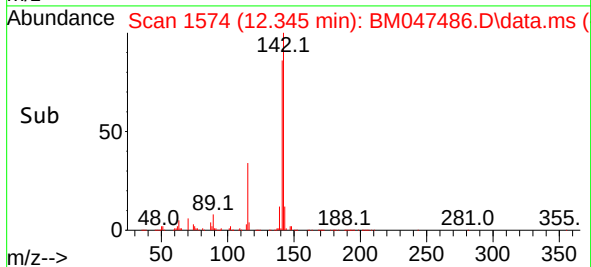
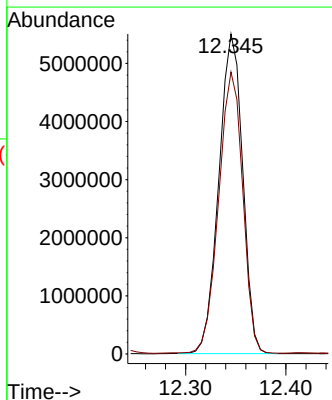
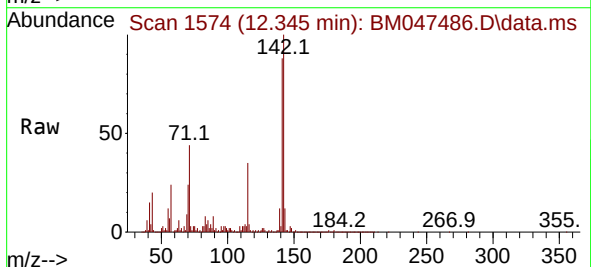
Manual Integrations
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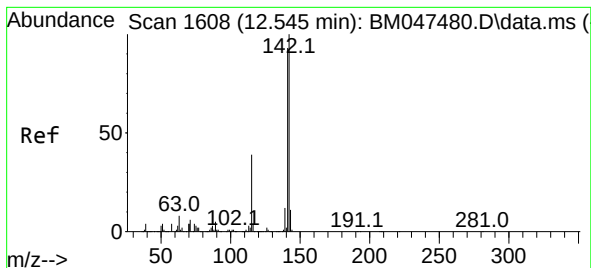
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 98.985 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

Tgt Ion:142 Resp: 9054157
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9





#37

1-Methylnaphthalene

Concen: 62.879 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM047486.D

Acq: 11 Sep 2024 17:59

Instrument :

BNA_M

ClientSampleId :

DCVY6

Tgt Ion:142 Resp: 581108

Ion Ratio Lower Upper

142 100

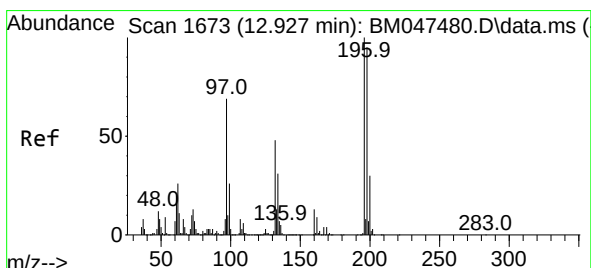
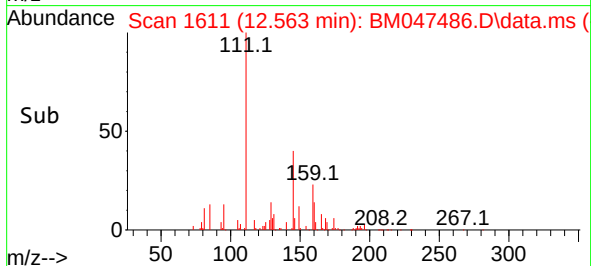
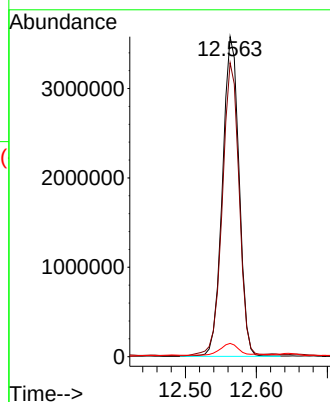
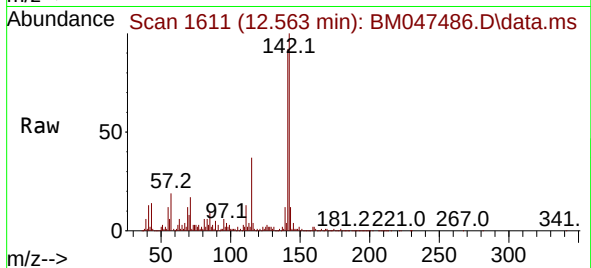
141 91.9 72.9 109.3

116 4.1 3.2 4.8

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#41

2,4,6-Trichlorophenol

Concen: 2.778 ng/ul

RT: 12.951 min Scan# 1677

Delta R.T. 0.018 min

Lab File: BM047486.D

Acq: 11 Sep 2024 17:59

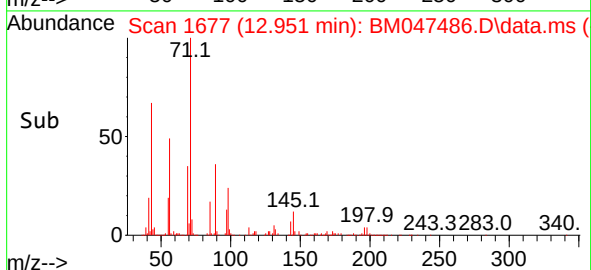
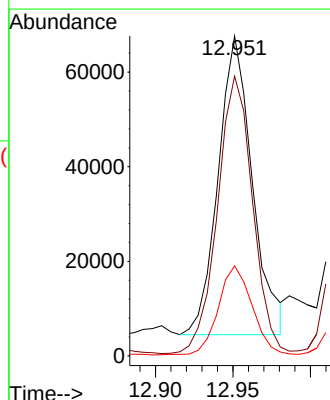
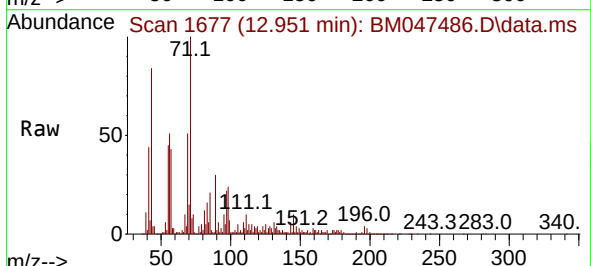
Tgt Ion:196 Resp: 96518

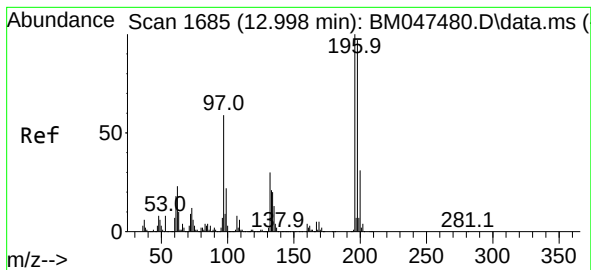
Ion Ratio Lower Upper

196 100

198 87.4 77.0 115.6

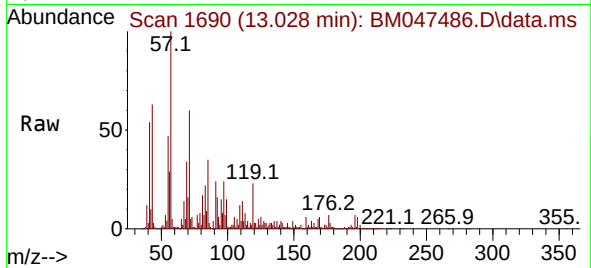
200 28.1 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 3.134 ng/ul
RT: 13.028 min Scan# 1685
Delta R.T. 0.029 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

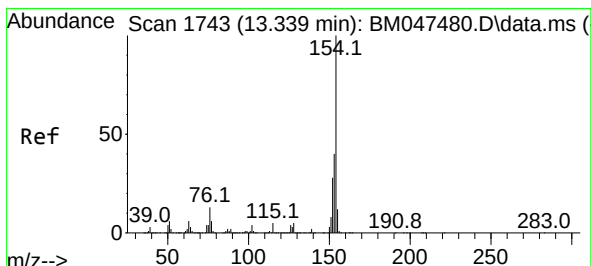
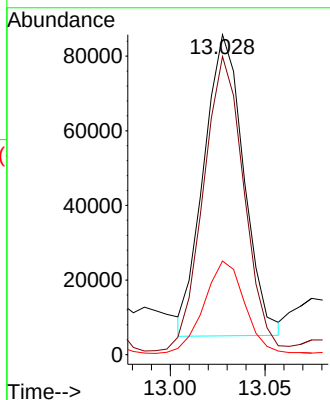
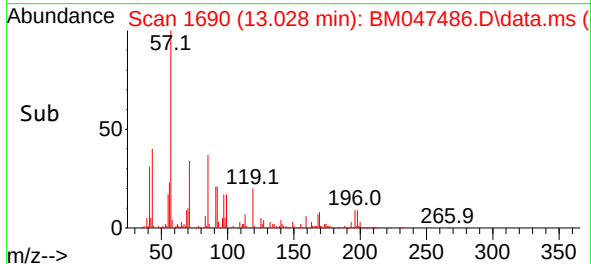
Instrument :
BNA_M
ClientSampleId :
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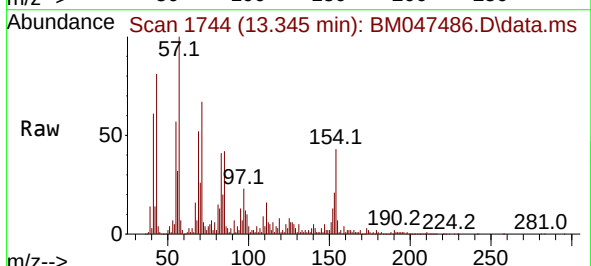
Tgt Ion:196 Resp: 118349
Ion Ratio Lower Upper
196 100
198 93.2 76.8 115.2
200 29.3 24.2 36.4

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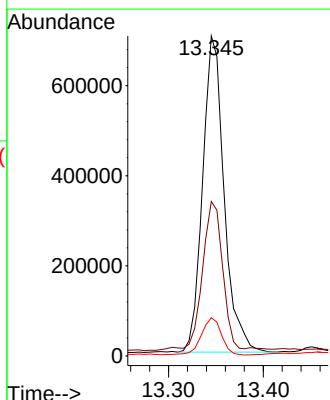
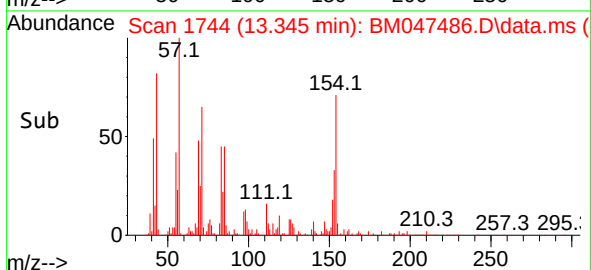
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

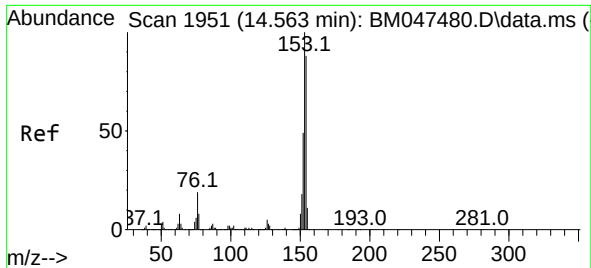


#43
1,1'-Biphenyl
Concen: 7.330 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59



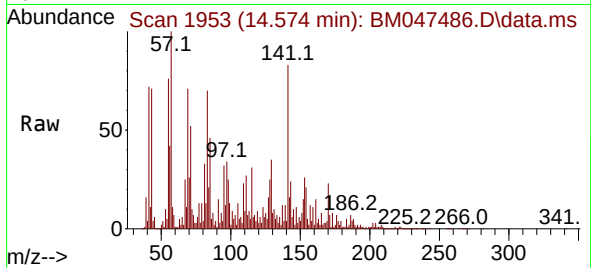
Tgt Ion:154 Resp: 1101875
Ion Ratio Lower Upper
154 100
153 48.3 32.3 48.5
76 11.9 11.0 16.4





#52
Acenaphthene
Concen: 2.730 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

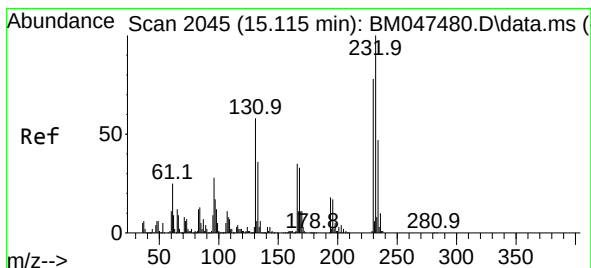
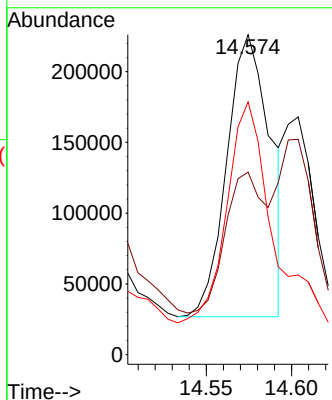
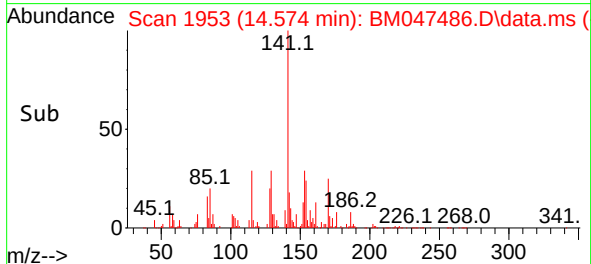
Instrument :
BNA_M
ClientSampleId :
DCVY6



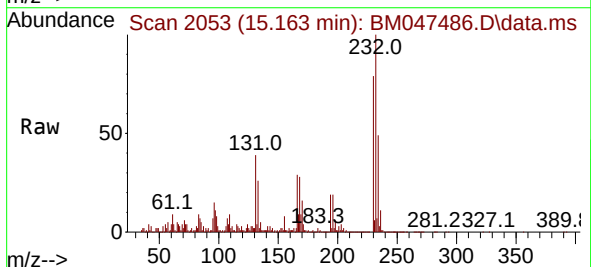
Tgt Ion:153 Resp: 35462
Ion Ratio Lower Upper
153 100
152 57.1 38.3 57.5
154 79.0 70.2 105.2

Manual Integrations
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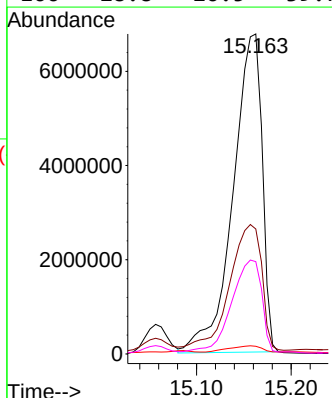
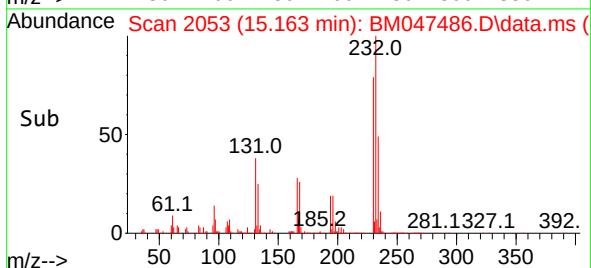
Reviewed By :Jagrut Upadhyay 09/12/2024
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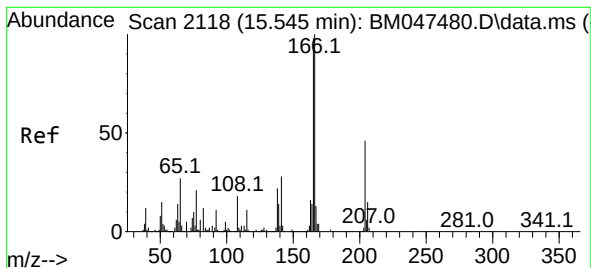


#58
2,3,4,6-Tetrachlorophenol
Concen: 497.404 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. 0.041 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59



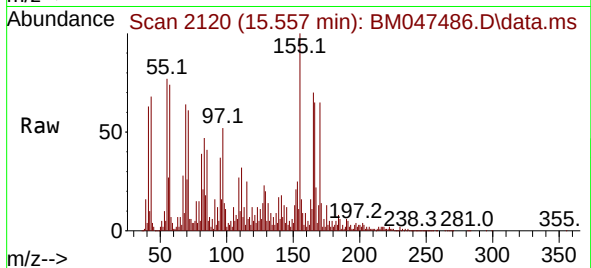
Tgt Ion:232 Resp:14452194
Ion Ratio Lower Upper
232 100
131 39.1 44.3 66.5#
130 2.4 2.5 3.7#
166 28.8 26.5 39.7





#61
Fluorene
Concen: 5.264 ng/ul
RT: 15.557 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

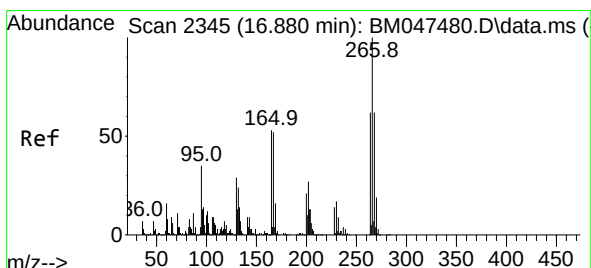
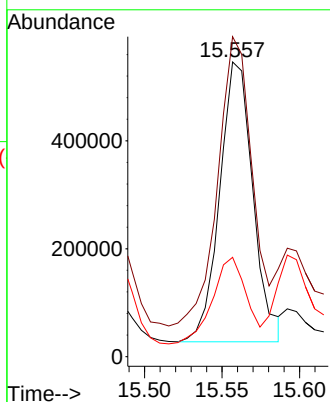
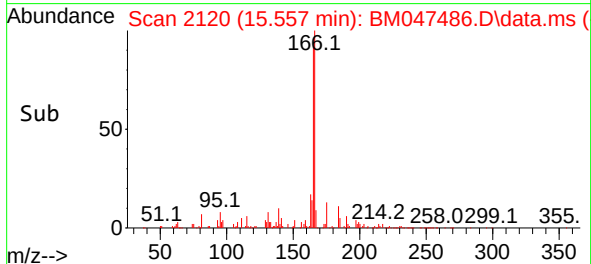
Instrument :
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ClientSampleId :
DCVY6



Tgt Ion:166 Resp: 775640
Ion Ratio Lower Upper
166 100
165 108.6 78.5 117.7
167 33.7 11.0 16.6

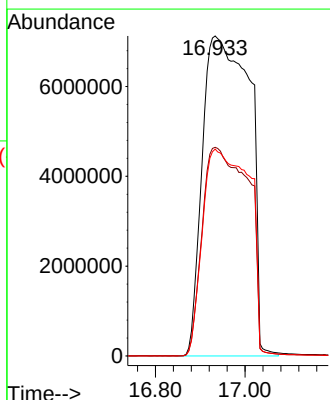
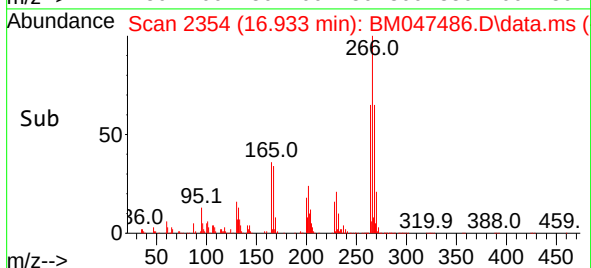
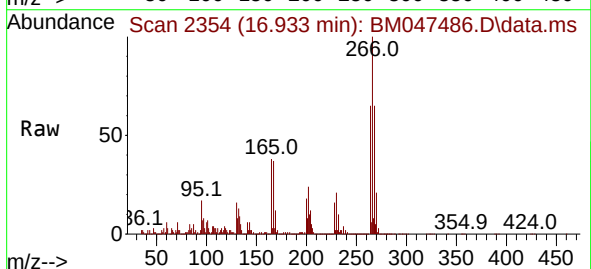
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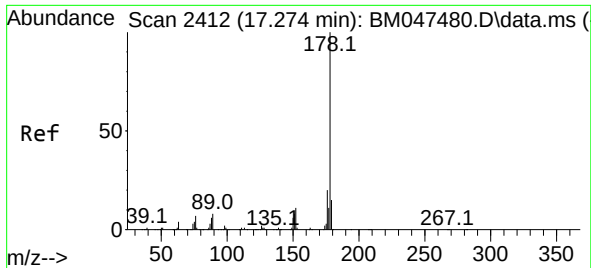
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Pentachlorophenol
Concen: 2241.601 ng/ul m
RT: 16.933 min Scan# 2354
Delta R.T. 0.047 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

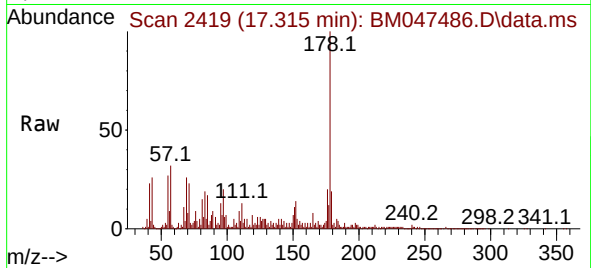
Tgt Ion:266 Resp:51788288
Ion Ratio Lower Upper
266 100
264 65.2 49.5 74.3
268 64.7 51.0 76.4





#72
Phenanthrene
Concen: 15.703 ng/ul
RT: 17.315 min Scan# 2412
Delta R.T. 0.035 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59

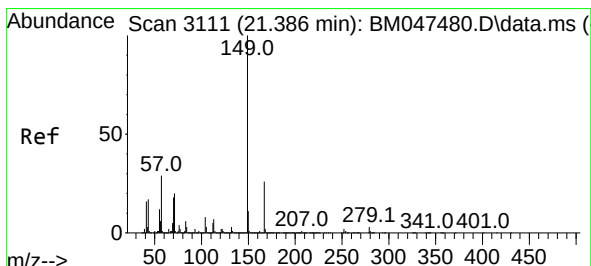
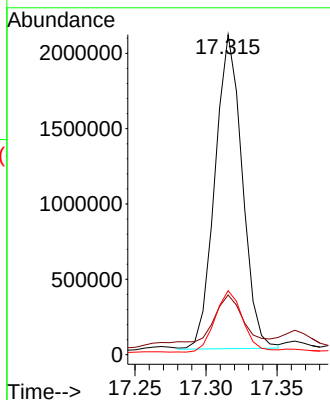
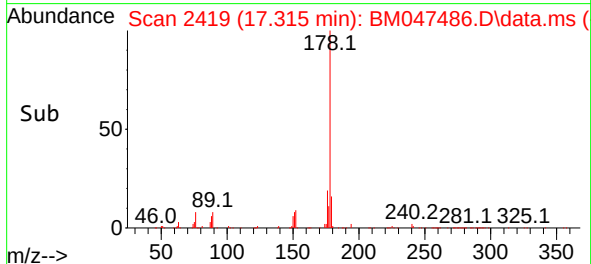
Instrument :
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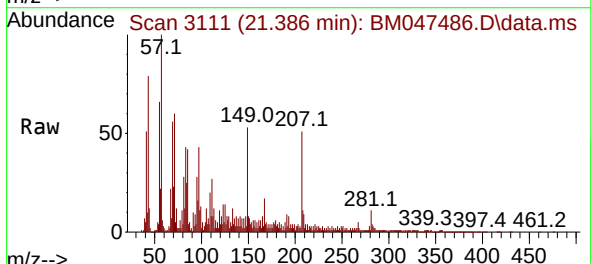
Tgt Ion:178 Resp: 278208
Ion Ratio Lower Upper
178 100
179 18.6 12.2 18.2
176 20.0 15.5 23.3

Manual Integrations
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.743 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM047486.D
Acq: 11 Sep 2024 17:59



Tgt Ion:149 Resp: 185266
Ion Ratio Lower Upper
149 100
167 32.4 20.9 31.3#
279 5.4 2.6 4.0#

