

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047019.D
 Acq On : 06 Aug 2024 10:15
 Operator : RC/JU
 Sample : P3171-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVX0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 12:01:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	183452	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	705801	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.057	164	470552	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	945264	20.000	ng/u1	0.01
79) Chrysene-d12	21.045	240	891011	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1047587	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	22794	4.922	ng/uL	0.00
4) Pyridine-d5	3.410	84	325493	25.770	ng/u1	0.00
7) Phenol-d5	6.604	99	445967	32.001	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	303990	33.152	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	366022	31.006	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	345209	31.270	ng/u1	0.00
21) Nitrobenzene-d5	8.540	128	178939	31.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	195446	31.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	372064	31.332	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	344244	22.058	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	1039838	28.901	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1227626	30.568	ng/u1	0.00
54) 4-Nitrophenol-d4	14.304	143	205245	29.504	ng/u1	0.01
60) Fluorene-d10	15.063	176	880914	28.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	136637	22.879	ng/u1	0.00
73) Anthracene-d10	16.921	188	1354649	30.230	ng/u1	0.01
81) Pyrene-d10	19.227	212	1557596	30.538	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1634425	29.629	ng/u1	0.00
Target Compounds						
					Qvalue	
23) Isophorone	9.110	82	348788	13.471	ng/u1#	91
29) 2,4-Dichlorophenol	9.822	162	28348	2.394	ng/u1#	89
30) Naphthalene	10.204	128	727650	19.472	ng/u1	98
36) 2-Methylnaphthalene	11.833	142	983190	37.680	ng/u1	97
37) 1-Methylnaphthalene	12.057	142	603855	22.861	ng/u1	97
41) 2,4,6-Trichlorophenol	12.475	196	24135	2.499	ng/u1	95
42) 2,4,5-Trichlorophenol	12.551	196	12432	1.192	ng/u1	100
43) 1,1'-Biphenyl	12.875	154	140744	3.998	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	14.710	232	2867029	309.237	ng/u1#	85
61) Fluorene	15.116	166	75491	2.133	ng/u1#	82
71) Pentachlorophenol	16.515	266	27635305m	3388.081	ng/u1	
72) Phenanthrene	16.868	178	283348	5.347	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	20.998	149	49507	1.195	ng/u1#	89

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

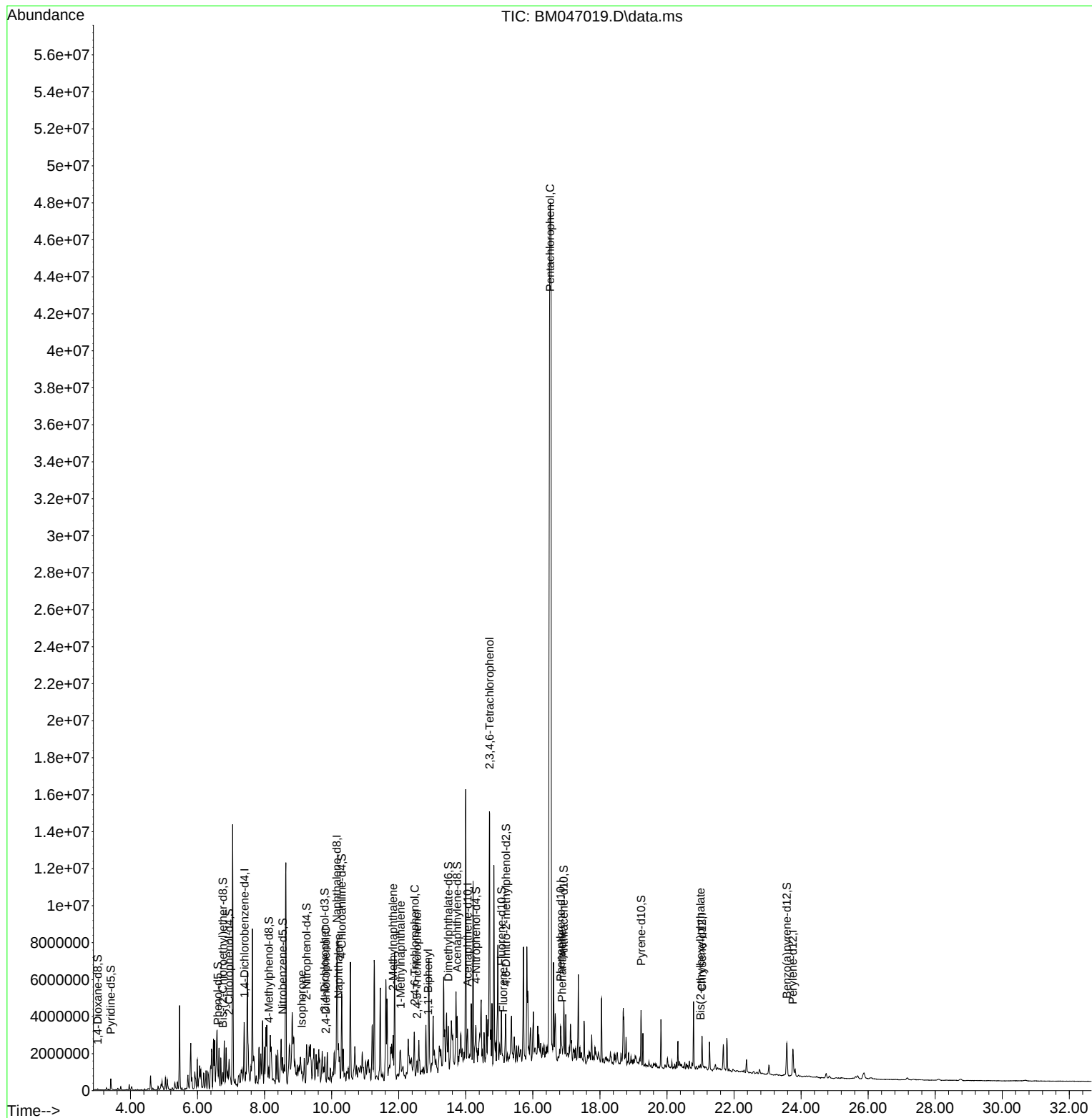
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM047019.D
Acq On : 06 Aug 2024 10:15
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Misc :
ALS Vial : 37 Sample Multiplier: 1

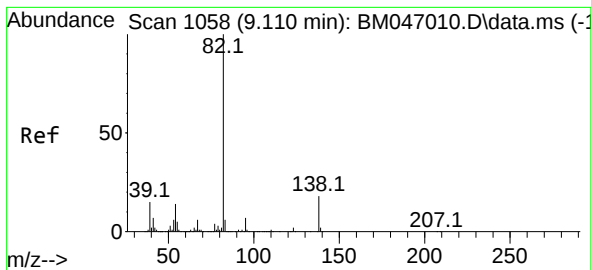
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:53:02 2024
Response via : Initial Calibration





#23

Isophorone

Concen: 13.471 ng/ul

RT: 9.110 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

Instrument :

BNA_M

ClientSampleId :

DCVX0

Tgt Ion: 82 Resp: 34878

Ion Ratio Lower Upper

82 100

95 16.0 6.4 9.6

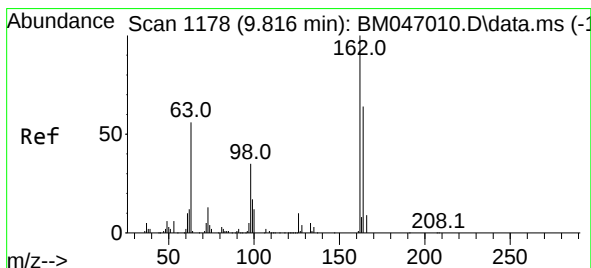
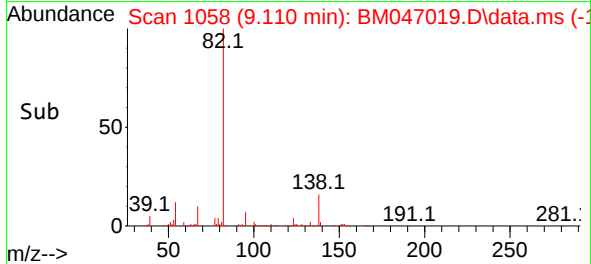
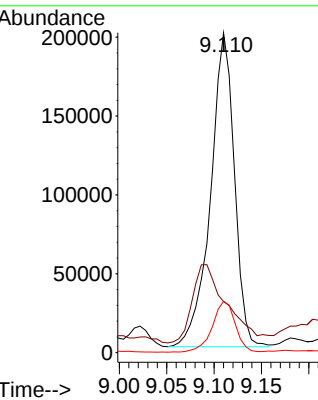
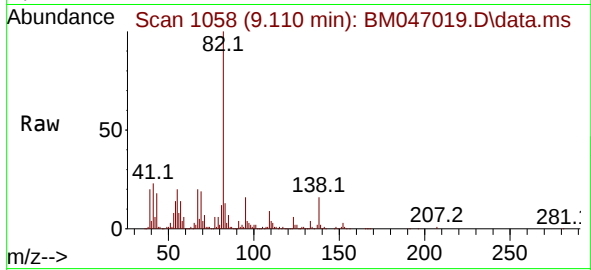
138 16.1 13.6 20.4

Manual Integrations

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#29

2,4-Dichlorophenol

Concen: 2.394 ng/ul

RT: 9.822 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

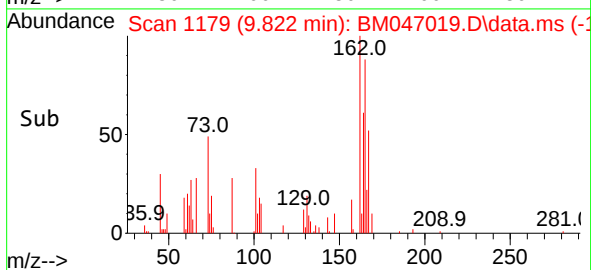
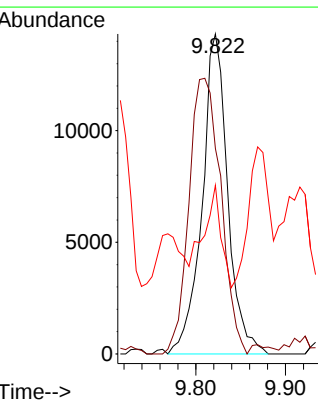
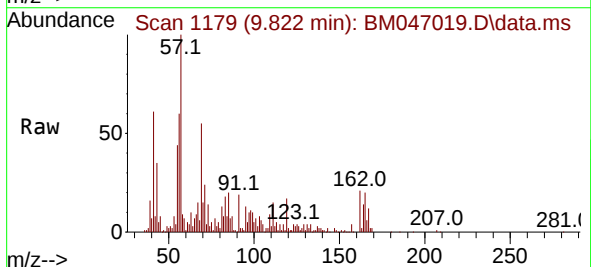
Tgt Ion:162 Resp: 28348

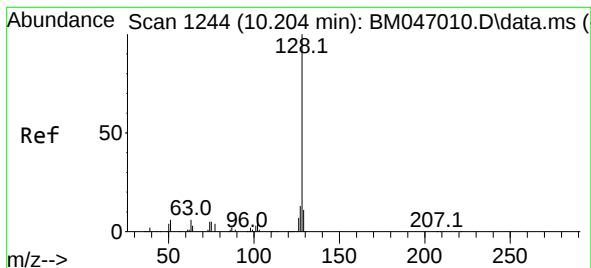
Ion Ratio Lower Upper

162 100

164 64.2 53.3 79.9

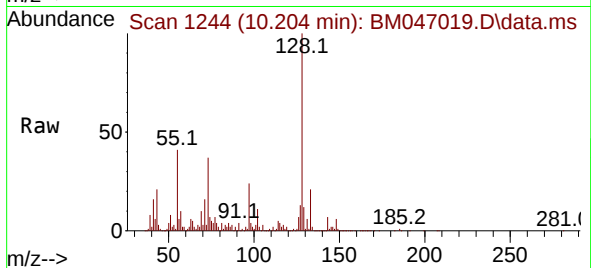
98 52.7 29.6 44.4





#30
Naphthalene
Concen: 19.472 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

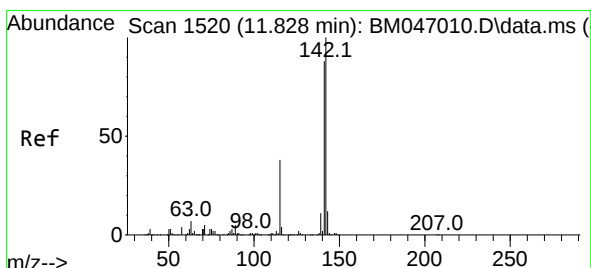
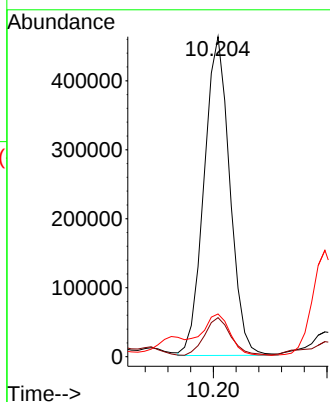
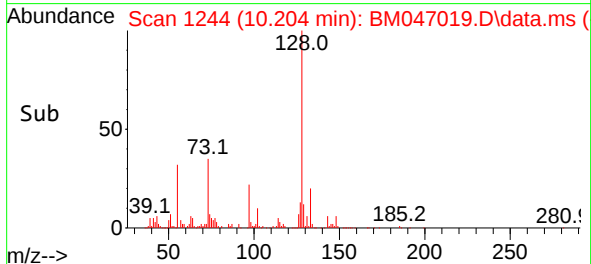
Instrument :
BNA_M
ClientSampleId :
DCVX0



Tgt Ion:128 Resp: 727650
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.4 10.4 15.6

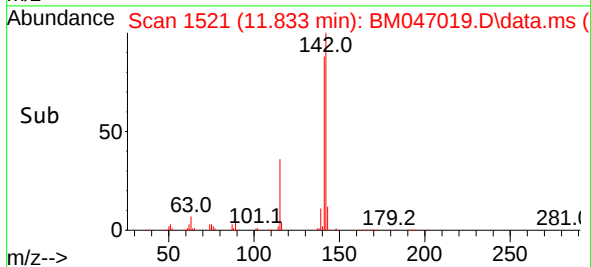
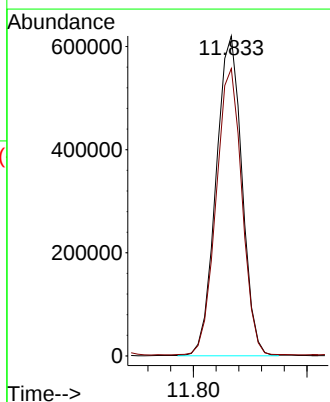
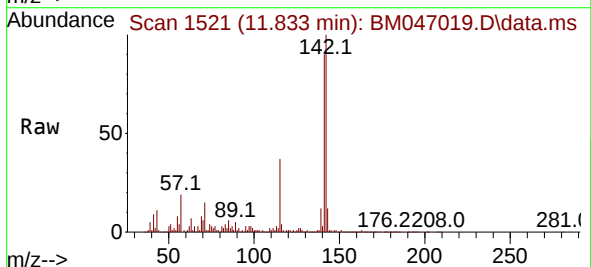
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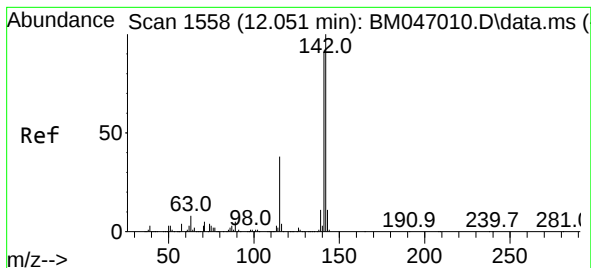
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#36
2-Methylnaphthalene
Concen: 37.680 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

Tgt Ion:142 Resp: 983190
Ion Ratio Lower Upper
142 100
141 89.8 69.9 104.9





#37

1-Methylnaphthalene

Concen: 22.861 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

Instrument :

BNA_M

ClientSampleId :

DCVX0

Tgt Ion:142 Resp: 60385

Ion Ratio Lower Upper

142 100

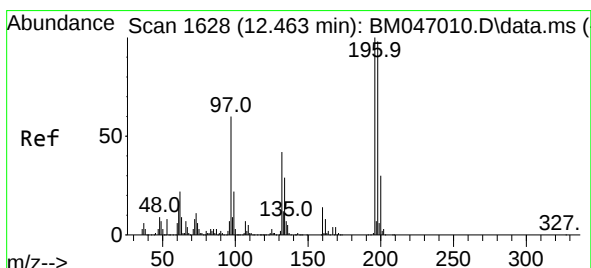
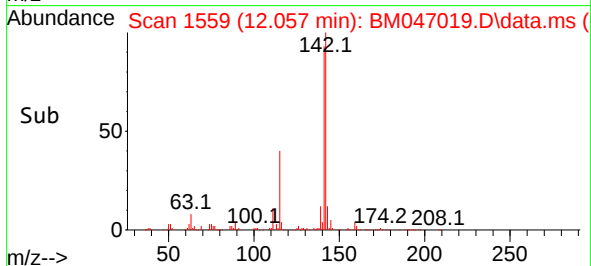
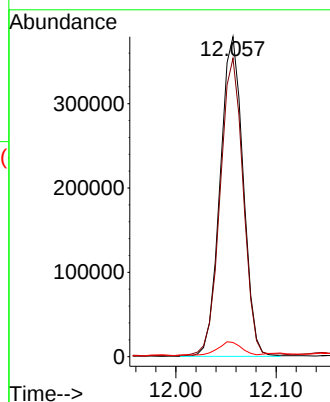
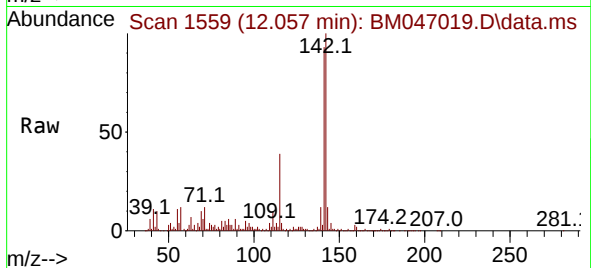
141 93.2 72.0 108.0

116 4.5 3.6 5.4

Manual Integrations

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Supervised By :mohammad ahmed 08/07/2024



#41

2,4,6-Trichlorophenol

Concen: 2.499 ng/ul

RT: 12.475 min Scan# 1630

Delta R.T. 0.012 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

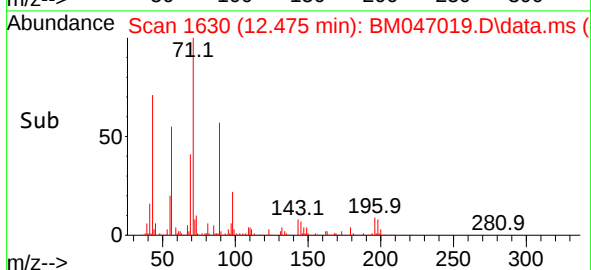
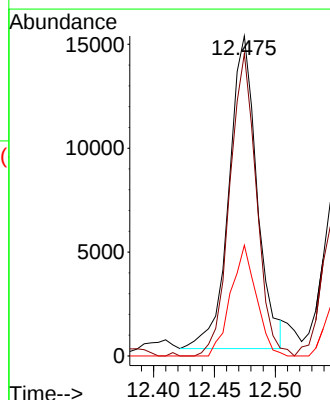
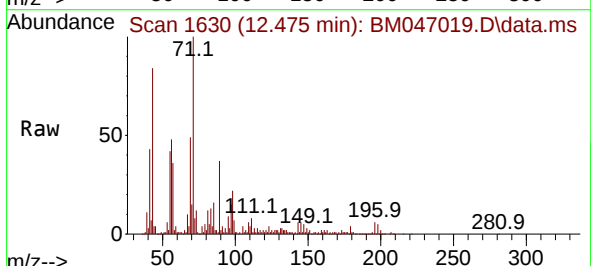
Tgt Ion:196 Resp: 24135

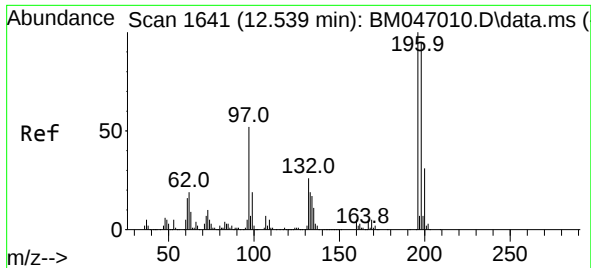
Ion Ratio Lower Upper

196 100

198 94.5 78.7 118.1

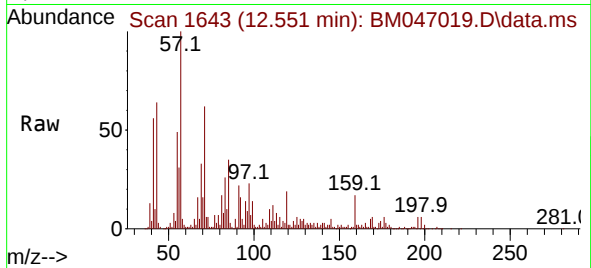
200 34.6 23.9 35.9





#42
2,4,5-Trichlorophenol
Concen: 1.192 ng/uI
RT: 12.551 min Scan# 1643
Delta R.T. 0.012 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

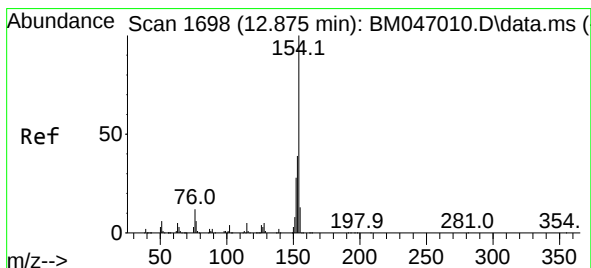
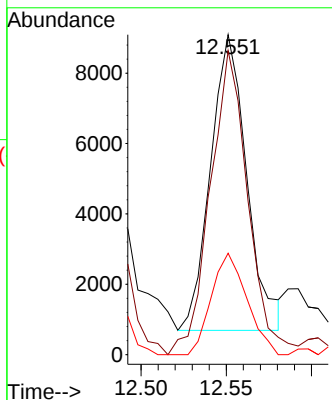
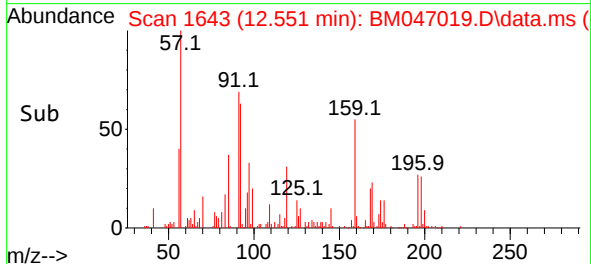
Instrument :
BNA_M
ClientSampleId :
DCVX0



Tgt Ion:196 Resp: 1243
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 31.7 25.0 37.6

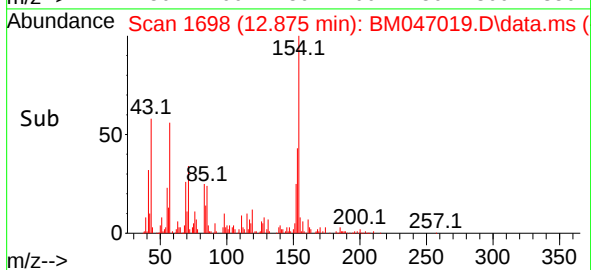
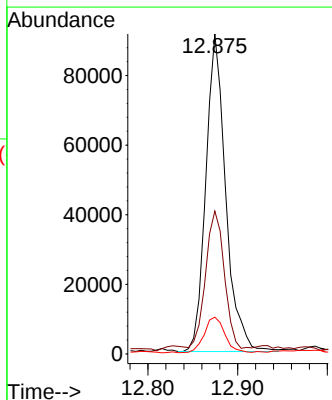
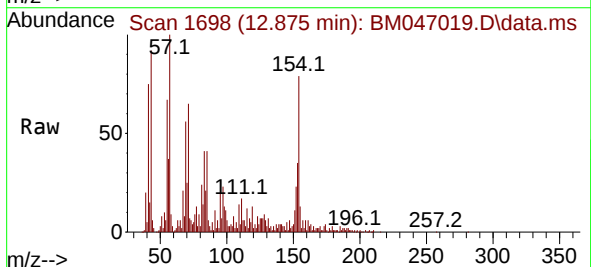
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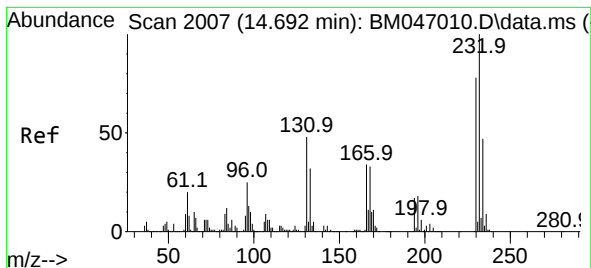
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#43
1,1'-Biphenyl
Concen: 3.998 ng/uI
RT: 12.875 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

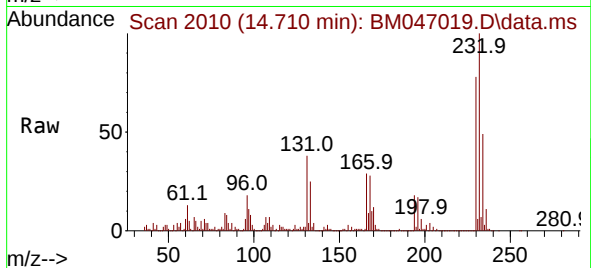
Tgt Ion:154 Resp: 140744
Ion Ratio Lower Upper
154 100
153 44.7 30.7 46.1
76 11.5 9.3 13.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 309.237 ng/ul
RT: 14.710 min Scan# 2007
Delta R.T. 0.018 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

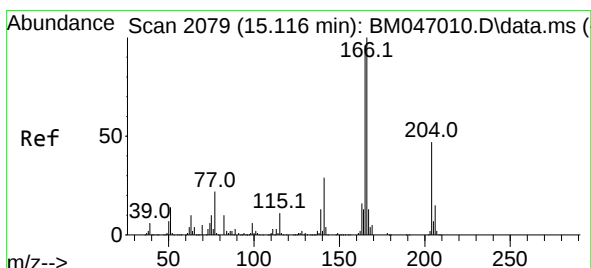
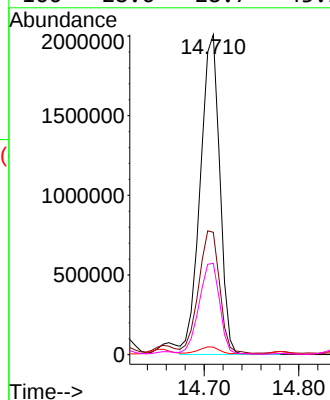
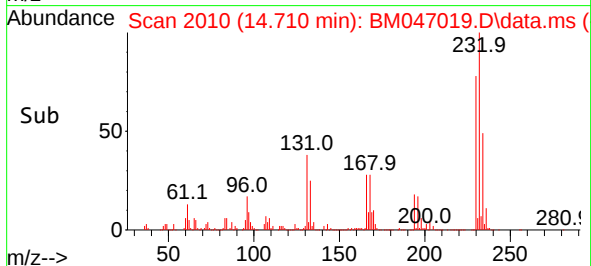
Instrument :
BNA_M
ClientSampleId :
DCVX0



Tgt Ion:232 Resp: 2867029
Ion Ratio Lower Upper
232 100
131 38.2 40.8 61.2
130 2.4 2.6 3.8
166 28.6 28.7 43.1#

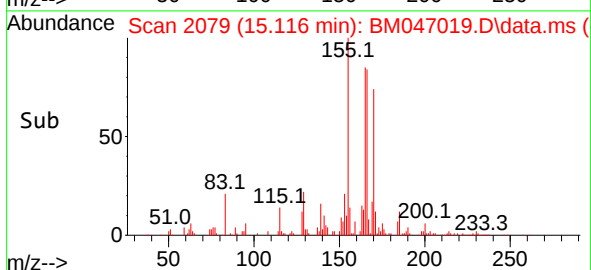
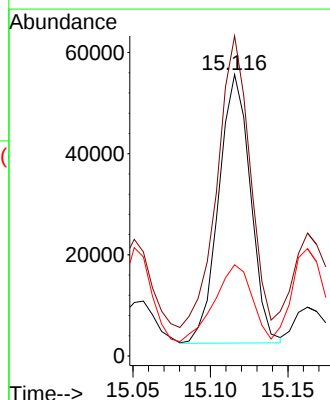
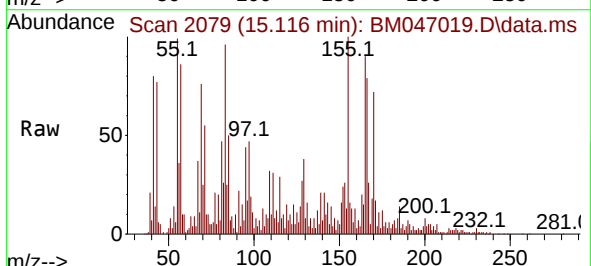
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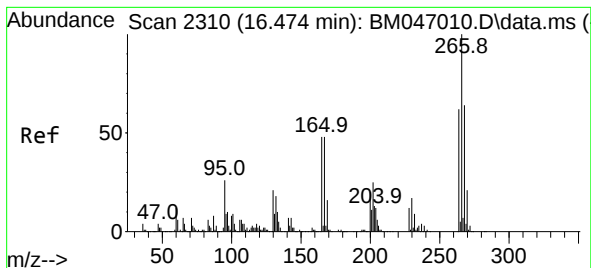
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#61
Fluorene
Concen: 2.133 ng/ul
RT: 15.116 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM047019.D
Acq: 06 Aug 2024 10:15

Tgt Ion:166 Resp: 75491
Ion Ratio Lower Upper
166 100
165 113.7 79.5 119.3
167 32.4 11.5 17.3#





#71

Pentachlorophenol

Concen: 3388.081 ng/ul m

RT: 16.515 min Scan# 21

Delta R.T. 0.041 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

Instrument :

BNA_M

ClientSampleId :

DCVX0

Tgt Ion:266 Resp:2763530

Ion Ratio Lower Upper

266 100

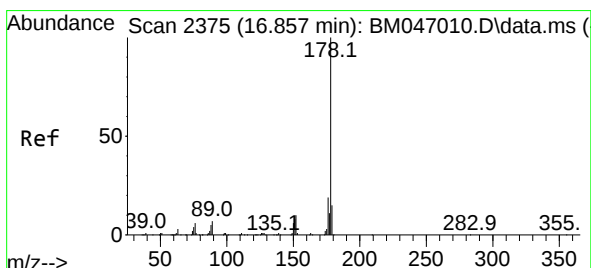
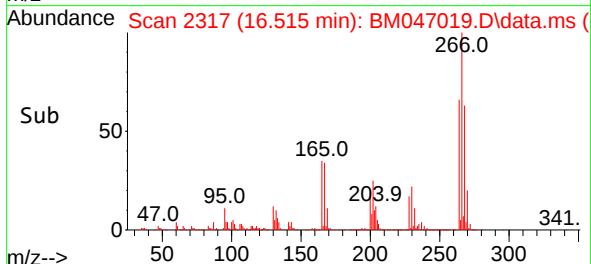
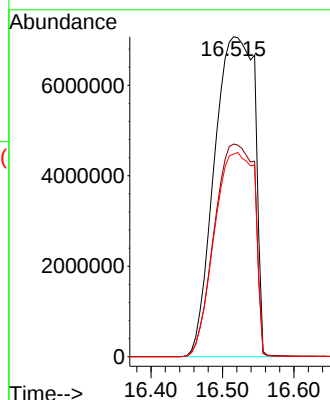
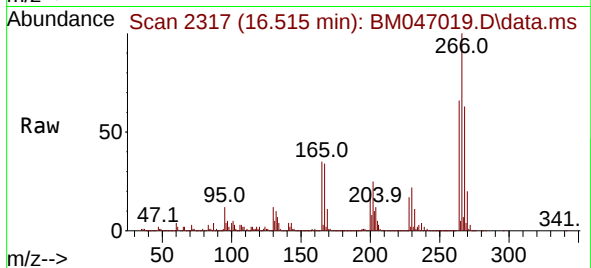
264 66.5 50.7 76.1

268 63.3 53.0 79.6

Manual Integrations

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Supervised By :mohammad ahmed 08/07/2024



#72

Phenanthrene

Concen: 5.347 ng/ul

RT: 16.868 min Scan# 2377

Delta R.T. 0.012 min

Lab File: BM047019.D

Acq: 06 Aug 2024 10:15

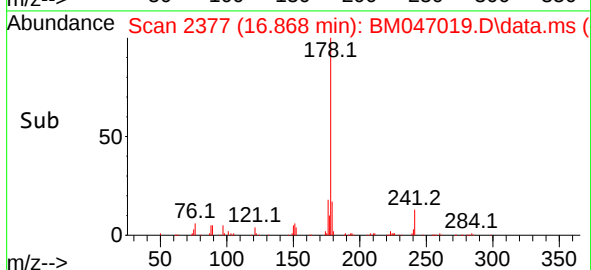
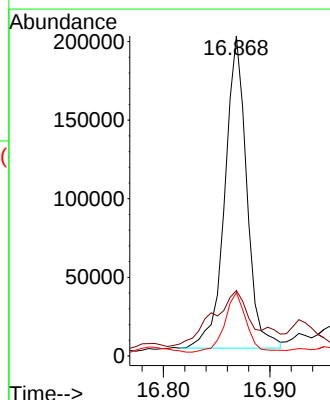
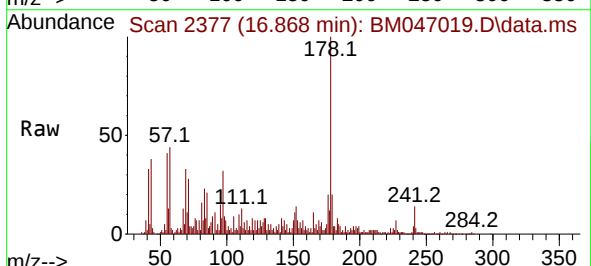
Tgt Ion:178 Resp: 283348

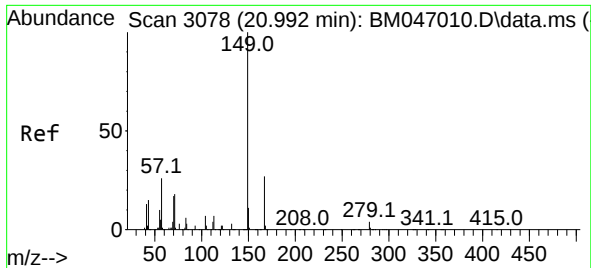
Ion Ratio Lower Upper

178 100

179 20.5 12.3 18.5#

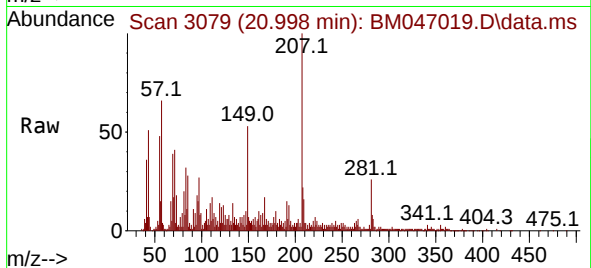
176 19.8 15.3 22.9





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.195 ng/ul
 RT: 20.998 min Scan# 3079
 Delta R.T. 0.006 min
 Lab File: BM047019.D
 Acq: 06 Aug 2024 10:15

Instrument :
 BNA_M
 ClientSampleId :
 DCVX0



Tgt Ion:149 Resp: 4950
 Ion Ratio Lower Upper
 149 100
 167 32.8 21.3 31.9
 279 6.2 3.3 4.9

Manual Integrations
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