

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033868.D
 Acq On : 11 Sep 2024 19:33
 Operator : JU/RC
 Sample : P3878-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC04

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 03:08:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.505	152	239306	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	1046087	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.151	164	787027	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.934	188	1645053	20.000	ng/u1	# 0.04
79) Chrysene-d12	21.133	240	1689920	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	2135617	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	20673	3.525	ng/uL	0.00
4) Pyridine-d5	3.517	84	55087	3.160	ng/u1	0.01
7) Phenol-d5	6.716	99	645123	30.375	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.852	67	396521	30.091	ng/u1	0.00
11) 2-Chlorophenol-d4	7.058	132	503706	30.130	ng/u1	0.02
15) 4-Methylphenol-d8	8.228	113	517344	29.604	ng/u1	0.02
21) Nitrobenzene-d5	8.652	128	264018	31.665	ng/u1	0.01
24) 2-Nitrophenol-d4	9.363	143	276209	32.215	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.916	165	527162	32.647	ng/u1	0.03
31) 4-Chloroaniline-d4	10.393	131	480412m	19.652	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	1588724	27.011	ng/u1	0.00
49) Acenaphthylene-d8	13.840	160	1896770	28.666	ng/u1	0.01
54) 4-Nitrophenol-d4	14.387	143	348718	28.889	ng/u1	0.02
60) Fluorene-d10	15.157	176	1480574	29.702	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.281	200	81667	8.326	ng/u1	0.01
73) Anthracene-d10	17.028	188	2288024	29.583	ng/u1	0.04
81) Pyrene-d10	19.316	212	2750756	29.214	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.733	264	3261908	29.734	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.316	128	2010540	35.137	ng/u1	96
36) 2-Methylnaphthalene	11.946	142	3821968	96.969	ng/u1	98
37) 1-Methylnaphthalene	12.169	142	2292048	57.450	ng/u1	98
41) 2,4,6-Trichlorophenol	12.569	196	28015	1.860	ng/u1	93
42) 2,4,5-Trichlorophenol	12.646	196	36021	2.177	ng/u1	93
43) 1,1'-Biphenyl	12.975	154	422347	7.118	ng/u1	93
52) Acenaphthene	14.210	153	130452	2.524	ng/u1#	85
58) 2,3,4,6-Tetrachlorophenol	14.810	232	6415309	467.271	ng/u1#	88
61) Fluorene	15.210	166	386569	6.685	ng/u1#	89
71) Pentachlorophenol	16.622	266	35900653m	2780.095	ng/u1	
72) Phenanthrene	16.975	178	1873042	20.649	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.075	149	124004	1.596	ng/u1#	86

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

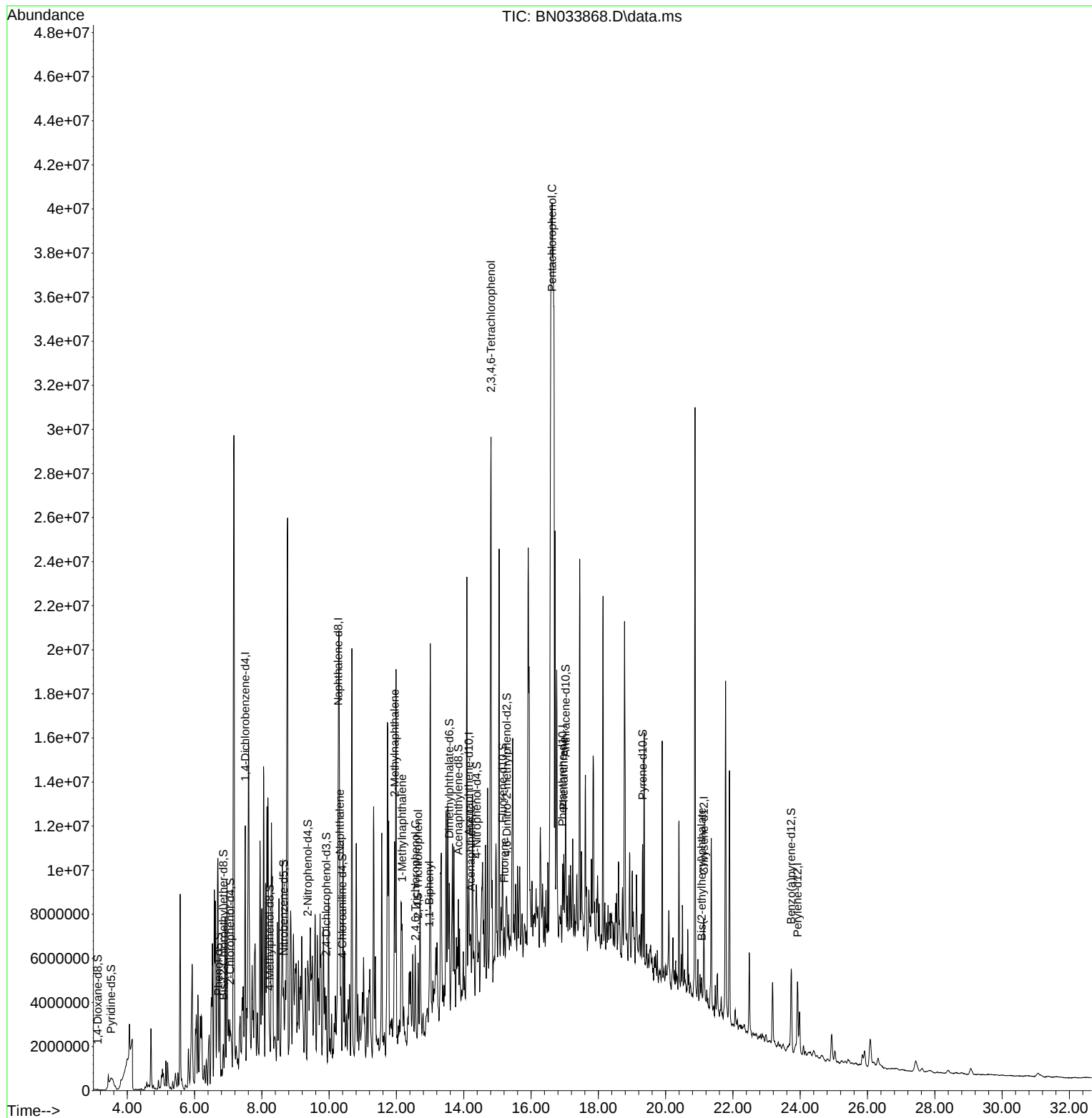
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033868.D
Acq On : 11 Sep 2024 19:33
Operator : JU/RC
Sample : P3878-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

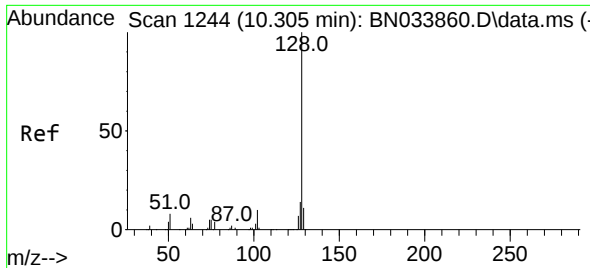
Instrument :
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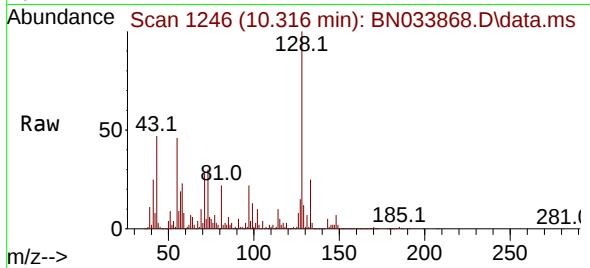
Quant Time: Sep 12 03:08:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 35.137 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

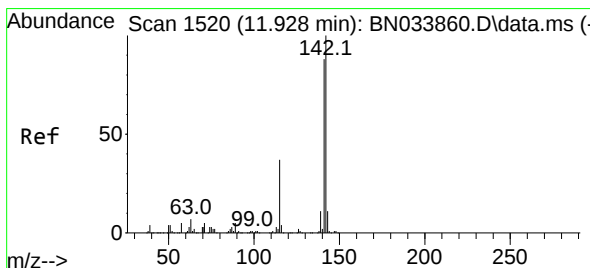
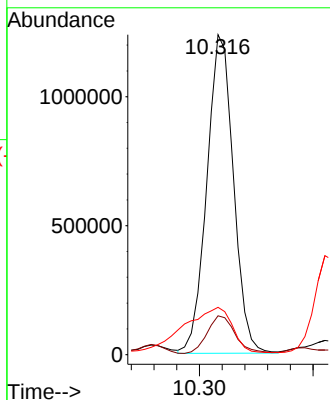
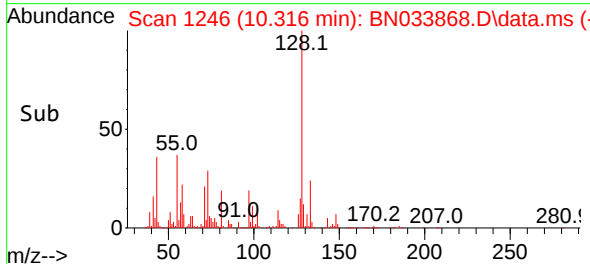
Instrument :
BNA_N
ClientSampleId :
DDC04



Tgt Ion:128 Resp: 2010540
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 14.8 10.6 16.0

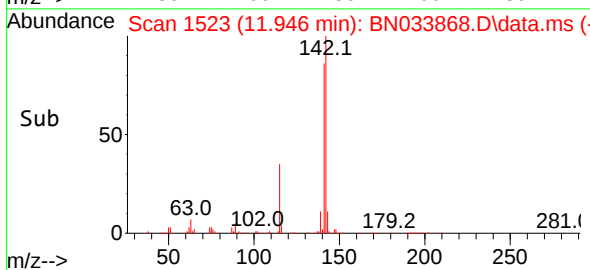
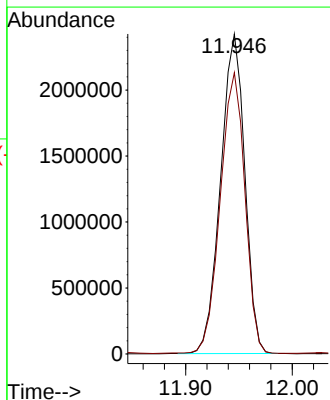
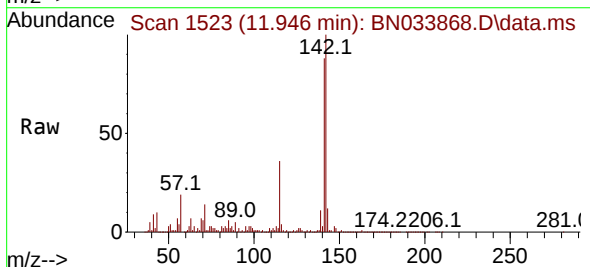
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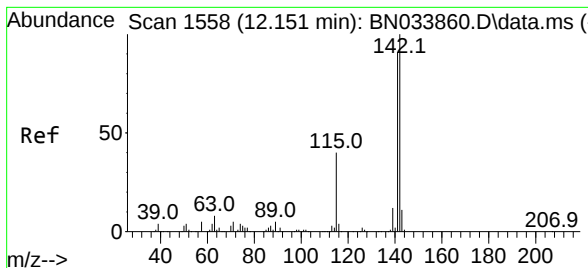
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 96.969 ng/ul
RT: 11.946 min Scan# 1523
Delta R.T. 0.018 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

Tgt Ion:142 Resp: 3821968
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#37

1-Methylnaphthalene

Concen: 57.450 ng/ul

RT: 12.169 min Scan# 1558

Delta R.T. 0.012 min

Lab File: BN033868.D

Acq: 11 Sep 2024 19:33

Instrument :

BNA_N

ClientSampleId :

DDC04

Tgt Ion:142 Resp: 229204

Ion Ratio Lower Upper

142 100

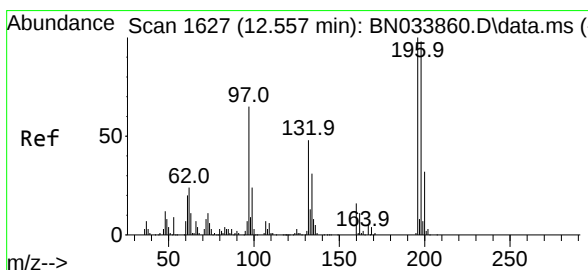
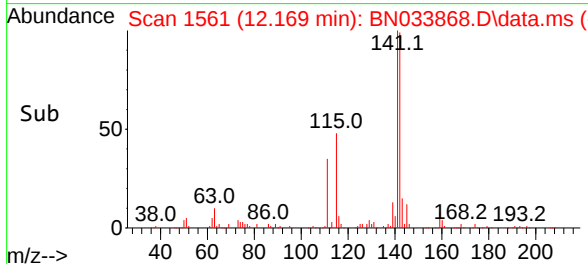
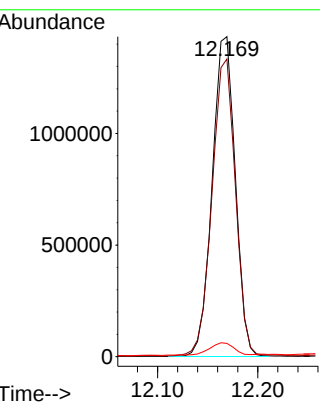
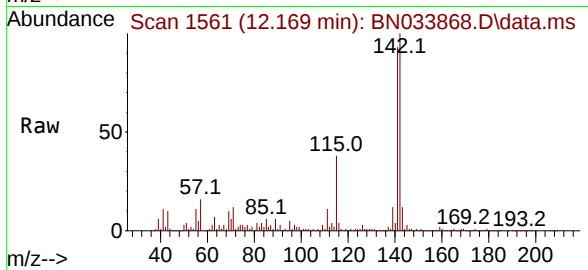
141 93.0 72.5 108.7

116 4.2 3.2 4.8

Manual Integrations

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#41

2,4,6-Trichlorophenol

Concen: 1.860 ng/ul

RT: 12.569 min Scan# 1629

Delta R.T. 0.012 min

Lab File: BN033868.D

Acq: 11 Sep 2024 19:33

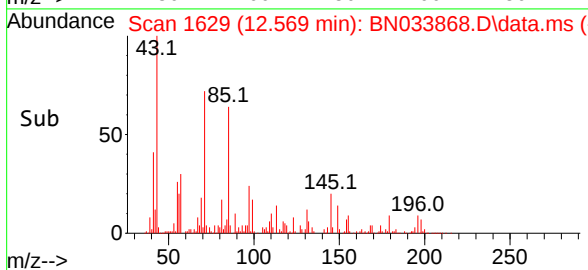
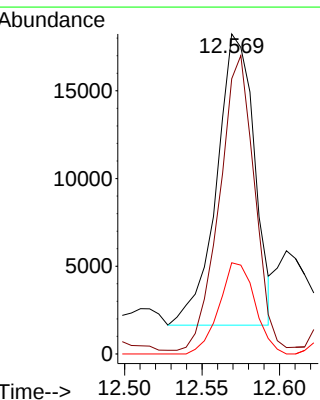
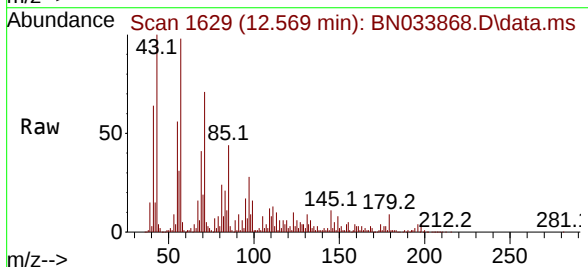
Tgt Ion:196 Resp: 28015

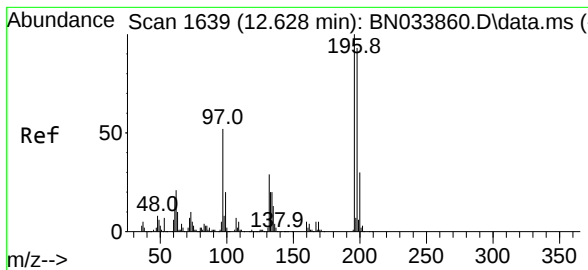
Ion Ratio Lower Upper

196 100

198 86.0 75.0 112.4

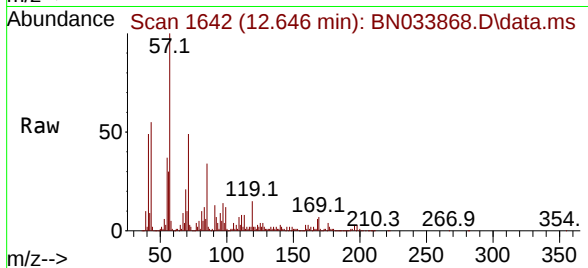
200 28.5 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 2.177 ng/ul
RT: 12.646 min Scan# 1642
Delta R.T. 0.018 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

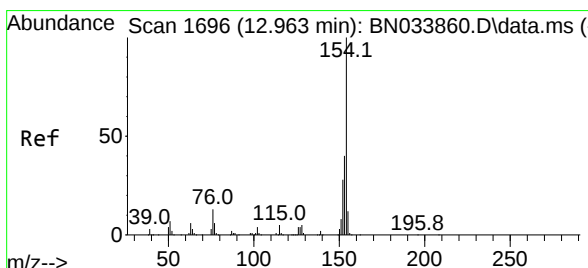
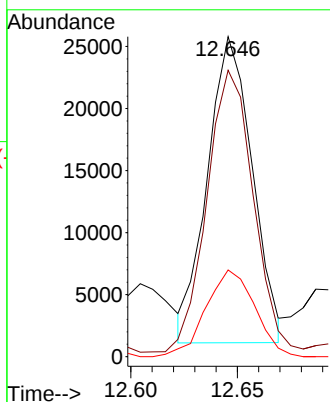
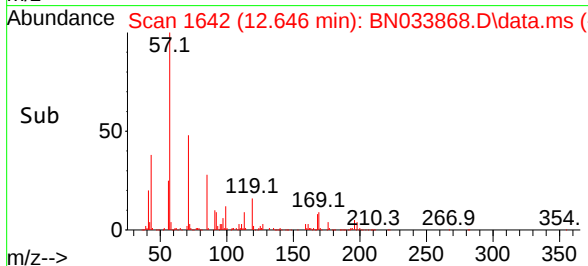
Instrument :
BNA_N
ClientSampleId :
DDC04



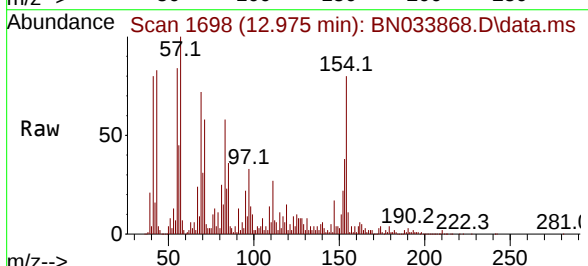
Tgt Ion:196 Resp: 3602
Ion Ratio Lower Upper
196 100
198 89.5 77.1 115.7
200 27.1 25.2 37.8

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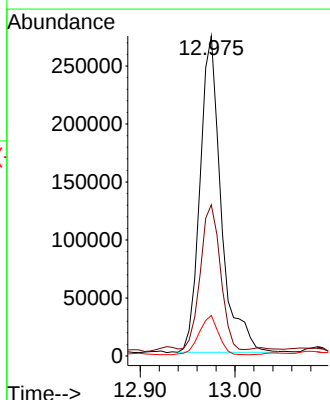
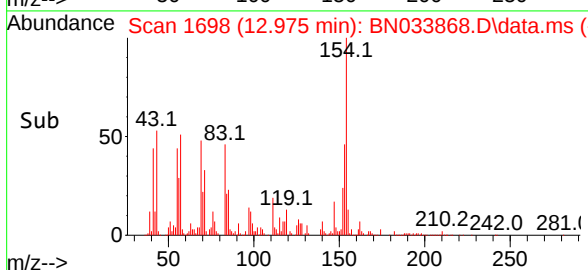
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

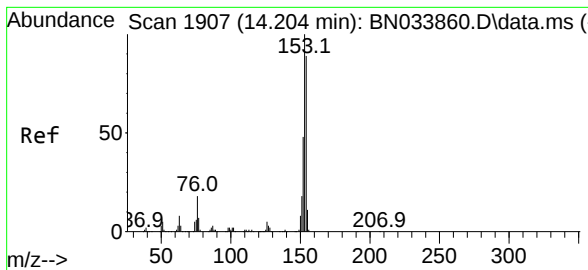


#43
1,1'-Biphenyl
Concen: 7.118 ng/ul
RT: 12.975 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33



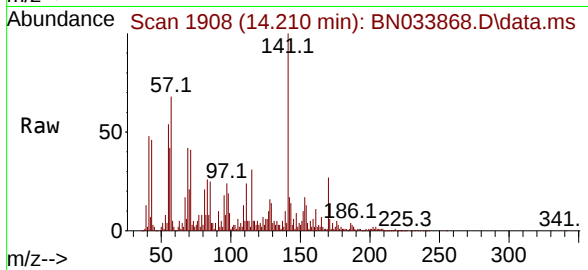
Tgt Ion:154 Resp: 422347
Ion Ratio Lower Upper
154 100
153 47.3 33.3 49.9
76 12.6 10.2 15.4





#52
Acenaphthene
Concen: 2.524 ng/ul
RT: 14.210 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

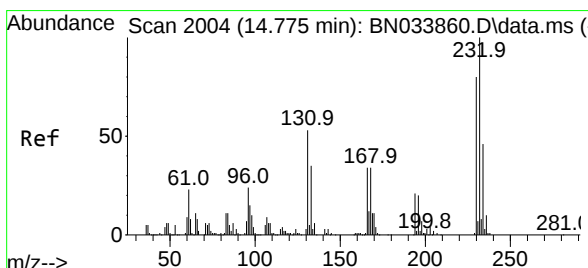
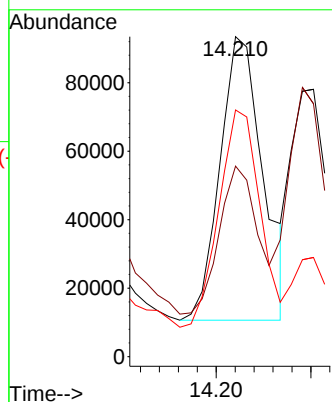
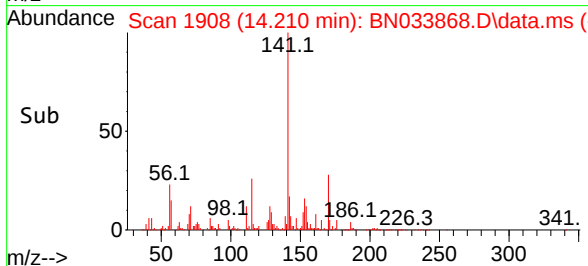
Instrument :
BNA_N
ClientSampleId :
DDC04



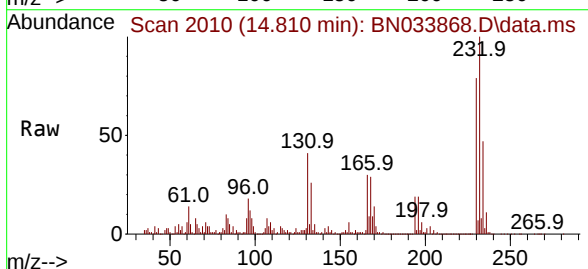
Tgt Ion:153 Resp: 130452
Ion Ratio Lower Upper
153 100
152 59.5 37.8 56.8
154 77.1 71.2 106.8

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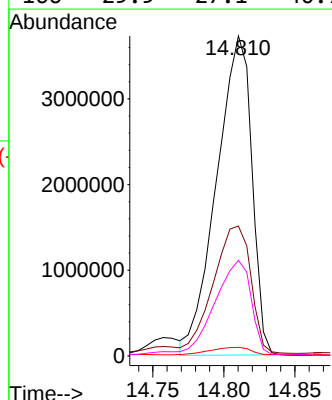
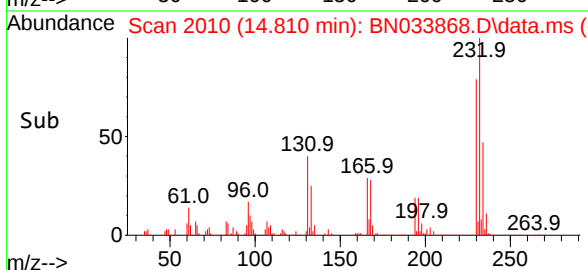
Reviewed By :Jagrut Upadhyay 09/12/2024
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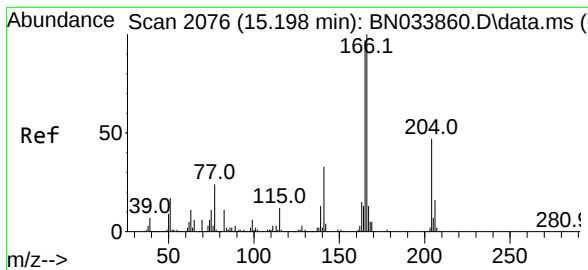


#58
2,3,4,6-Tetrachlorophenol
Concen: 467.271 ng/ul
RT: 14.810 min Scan# 2010
Delta R.T. 0.035 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33



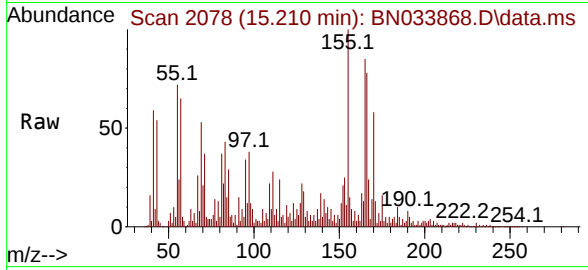
Tgt Ion:232 Resp: 6415309
Ion Ratio Lower Upper
232 100
131 40.6 41.0 61.6
130 2.7 2.2 3.2
166 29.9 27.1 40.7





#61
Fluorene
Concen: 6.685 ng/ul
RT: 15.210 min Scan# 2076
Delta R.T. 0.012 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

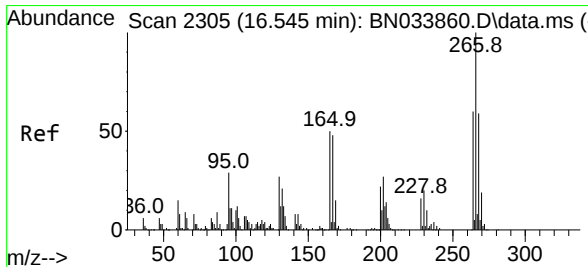
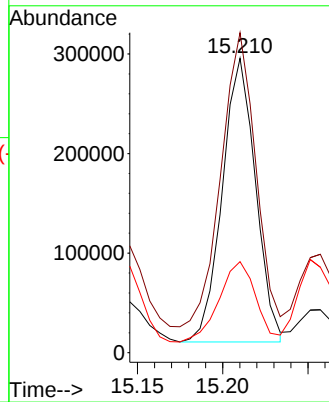
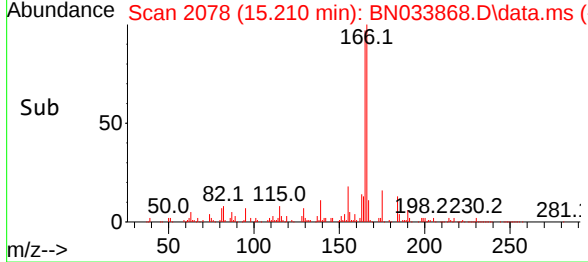
Instrument :
BNA_N
ClientSampleId :
DDC04



Tgt Ion:166 Resp: 38656
Ion Ratio Lower Upper
166 100
165 108.7 81.9 122.9
167 30.9 10.9 16.3

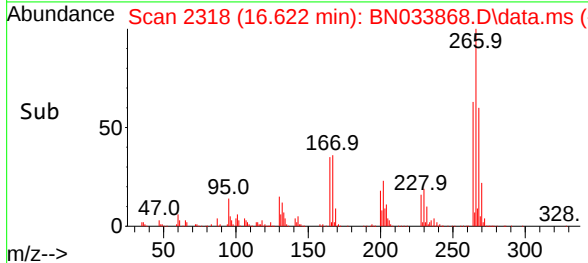
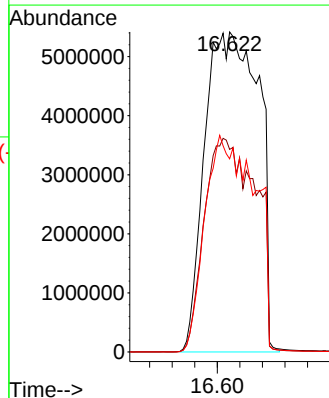
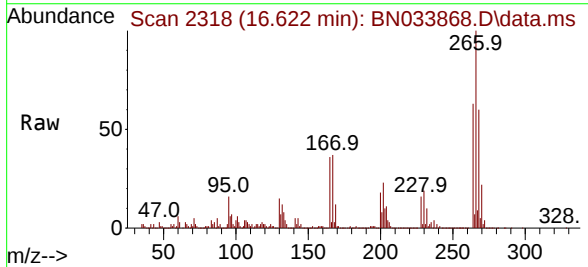
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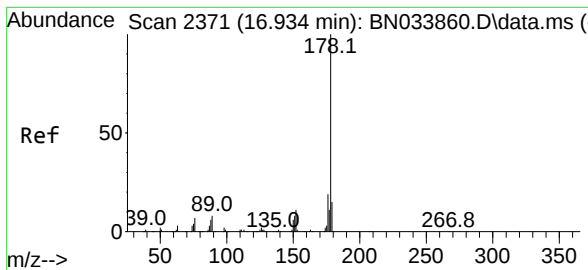
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Pentachlorophenol
Concen: 2780.095 ng/ul m
RT: 16.622 min Scan# 2318
Delta R.T. 0.071 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

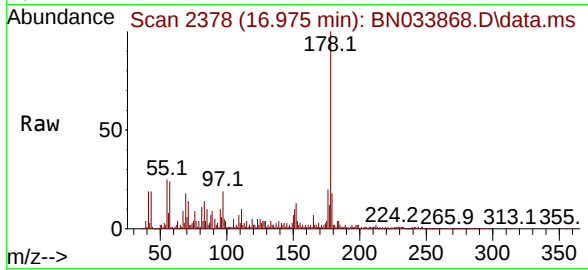
Tgt Ion:266 Resp:35900653
Ion Ratio Lower Upper
266 100
264 63.3 51.1 76.7
268 60.4 52.8 79.2





#72
Phenanthrene
Concen: 20.649 ng/ul
RT: 16.975 min Scan# 21
Delta R.T. 0.035 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33

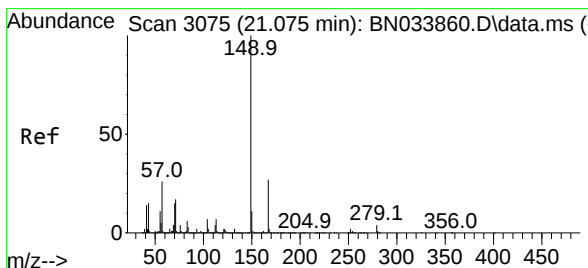
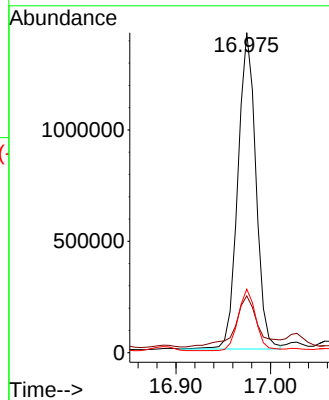
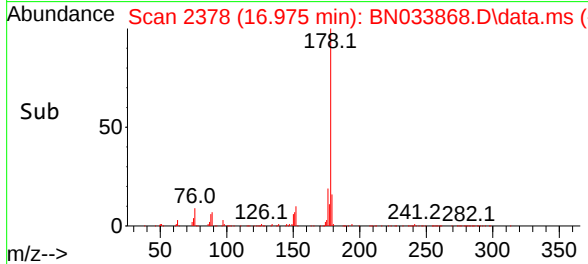
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DDC04



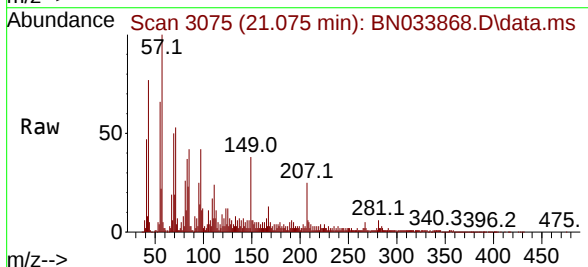
Tgt Ion:178 Resp: 187304
Ion Ratio Lower Upper
178 100
179 17.7 11.9 17.9
176 19.8 15.2 22.8

Manual Integrations
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Supervised By :mohammad ahmed 09/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.596 ng/ul
RT: 21.075 min Scan# 3075
Delta R.T. 0.006 min
Lab File: BN033868.D
Acq: 11 Sep 2024 19:33



Tgt Ion:149 Resp: 124004
Ion Ratio Lower Upper
149 100
167 33.4 20.6 31.0#
279 6.5 3.0 4.6#

