

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034355.D
 Acq On : 03 Oct 2024 04:04
 Operator : RC/JU
 Sample : P4017-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC95

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 04:35:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	210697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	801499	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.040	164	571574	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.816	188	1133775	20.000	ng/ul	0.02
79) Chrysene-d12	21.028	240	1113701	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1317250	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	6329	1.226	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.593	99	101068	5.405	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.740	67	114818	9.896	ng/ul	0.00
11) 2-Chlorophenol-d4	6.934	132	80148	5.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	9690	0.630	ng/ul	0.01
21) Nitrobenzene-d5	8.534	128	67048	10.495	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	60726	9.244	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	58676	4.743	ng/ul	0.01
31) 4-Chloroaniline-d4	10.269	131	276961	14.787	ng/ul	-0.02
46) Dimethylphthalate-d6	13.469	166	317813	7.440	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	359456	7.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.281	143	79855	9.109	ng/ul	0.00
60) Fluorene-d10	15.051	176	289899	8.008	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	43373	6.416	ng/ul	0.00
73) Anthracene-d10	16.910	188	397611	7.459	ng/ul	0.01
81) Pyrene-d10	19.210	212	387106	6.238	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	244199	3.609	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.199	128	1333119	30.408	ng/ul#	85
36) 2-Methylnaphthalene	11.822	142	2644423	87.567	ng/ul	100
37) 1-Methylnaphthalene	12.052	142	1611087	52.705	ng/ul	99
41) 2,4,6-Trichlorophenol	12.457	196	50396	4.607	ng/ul	98
42) 2,4,5-Trichlorophenol	12.534	196	19028	1.584	ng/ul	96
43) 1,1'-Biphenyl	12.863	154	300159	6.966	ng/ul#	86
52) Acenaphthene	14.104	153	68600	1.827	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.704	232	4955481	496.997	ng/ul	90
61) Fluorene	15.104	166	186811	4.448	ng/ul#	93
71) Pentachlorophenol	16.522	266	17991395m	2021.507	ng/ul	
72) Phenanthrene	16.857	178	966048	15.453	ng/ul#	96
80) Fluoranthene	18.875	202	113776	1.568	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	20.975	149	84327	1.647	ng/ul#	82

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

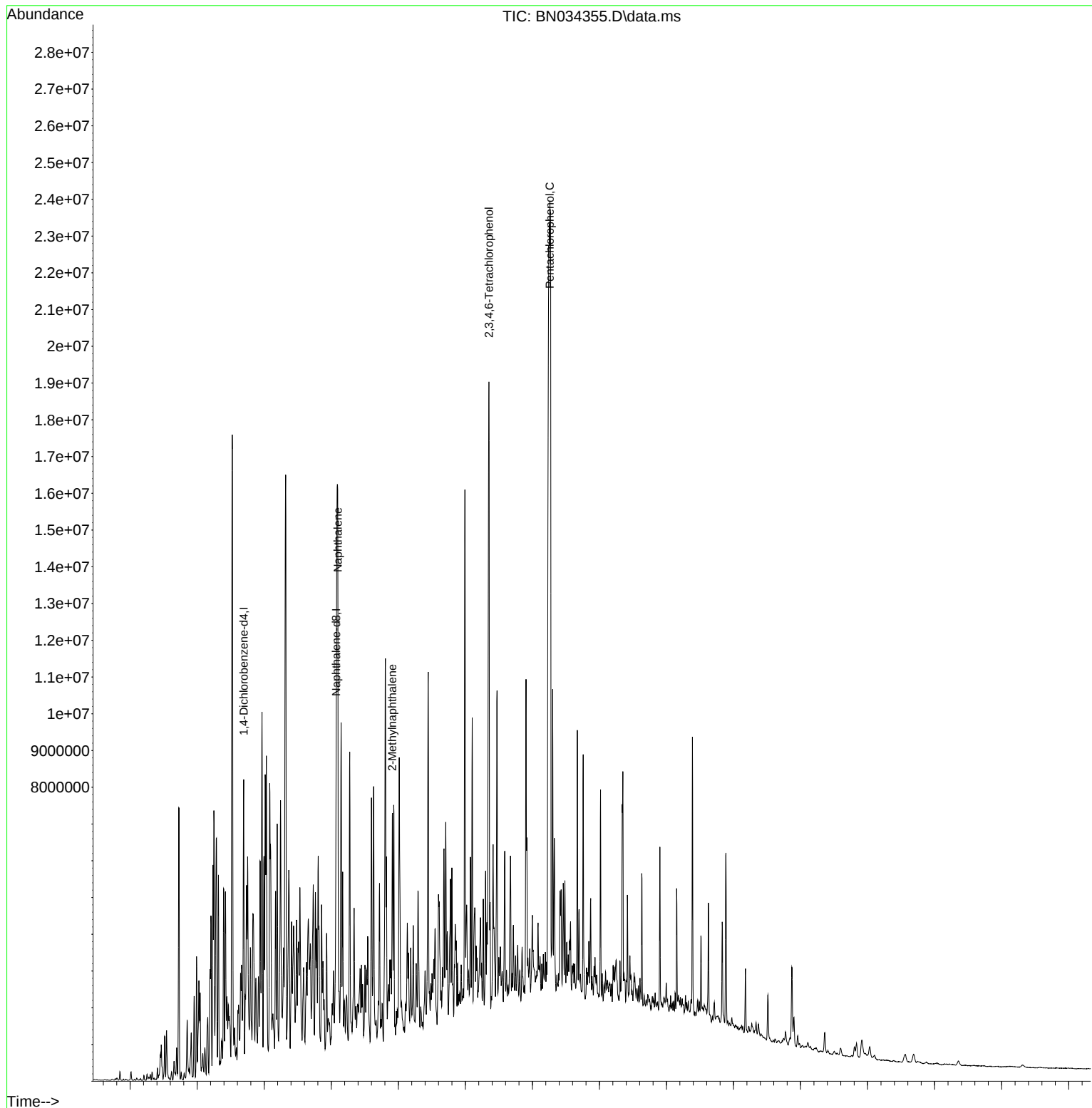
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034355.D
Acq On : 03 Oct 2024 04:04
Operator : RC/JU
Sample : P4017-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

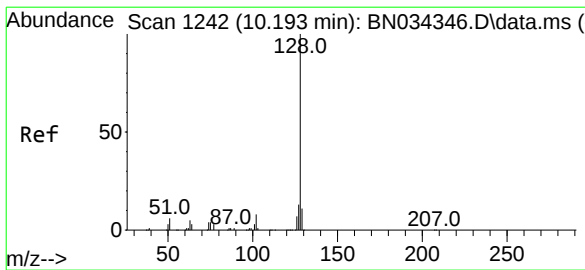
Instrument :
BNA_N
ClientSampleId :
DDC95

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Supervised By :mohammad ahmed 10/05/2024

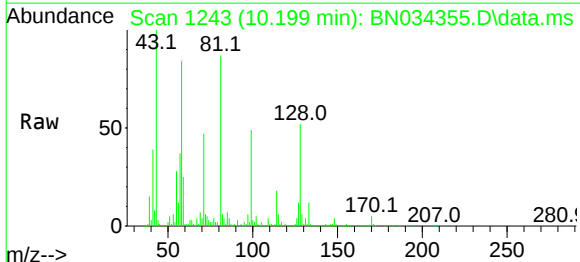
Quant Time: Oct 03 04:35:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 30.408 ng/u1
RT: 10.199 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

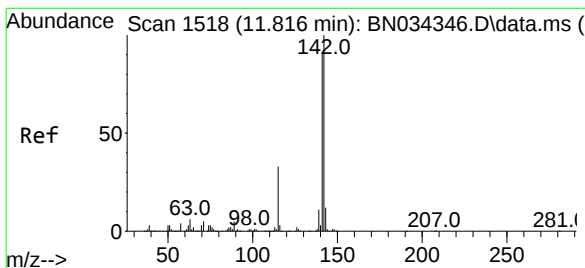
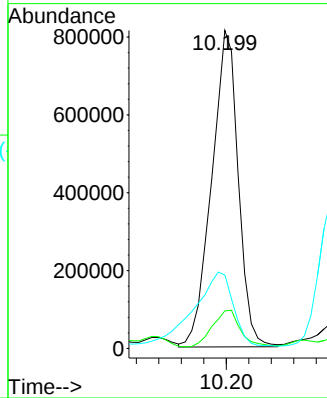
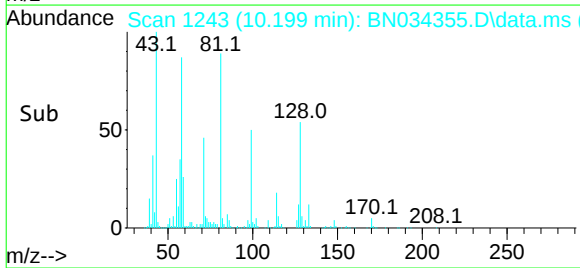
Instrument :
BNA_N
ClientSampleId :
DDC95



Tgt Ion:128 Resp: 1333119
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 23.1 10.6 16.0#

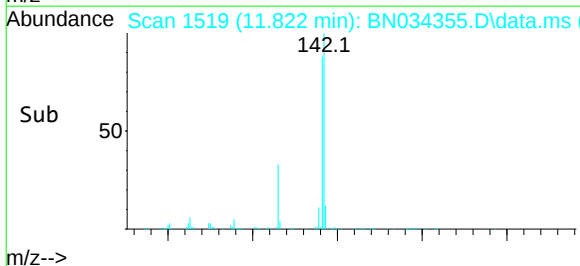
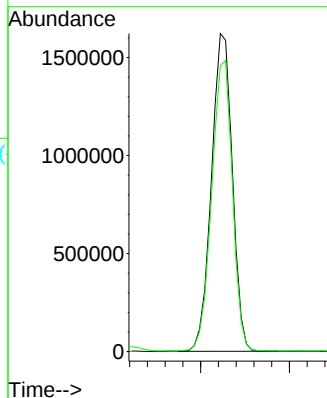
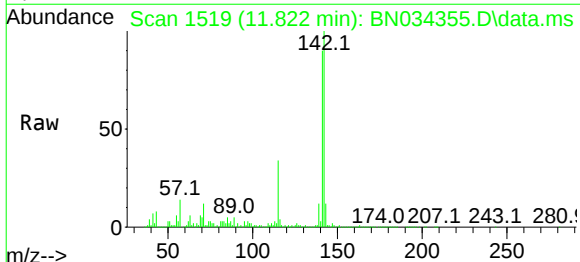
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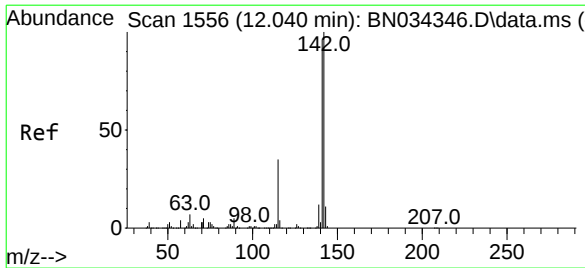
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 87.567 ng/u1
RT: 11.822 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

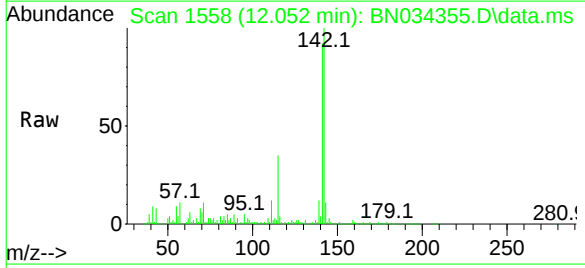
Tgt Ion:142 Resp: 2644423
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2





#37
1-Methylnaphthalene
Concen: 52.705 ng/ul
RT: 12.052 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

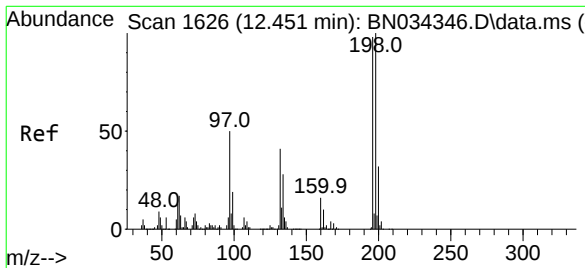
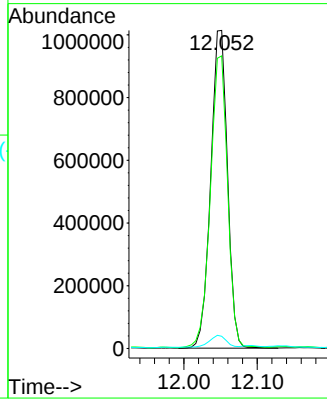
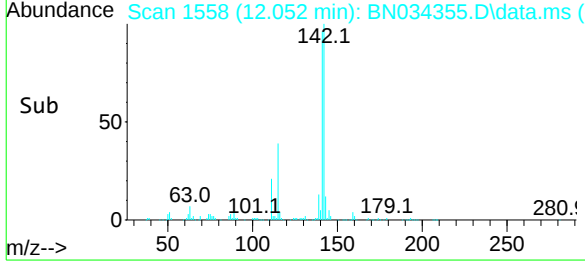
Instrument :
BNA_N
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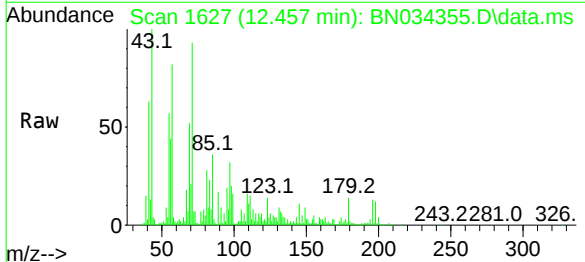
Tgt Ion:142 Resp: 1611087
Ion Ratio Lower Upper
142 100
141 92.0 72.5 108.7
116 3.8 3.2 4.8

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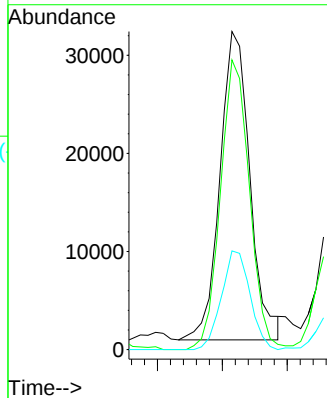
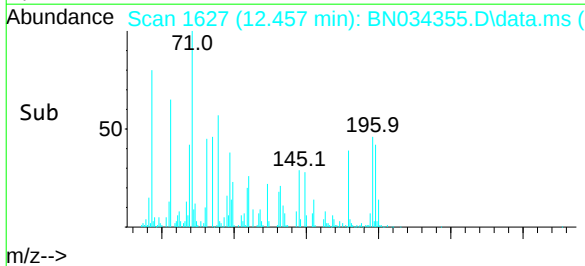
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

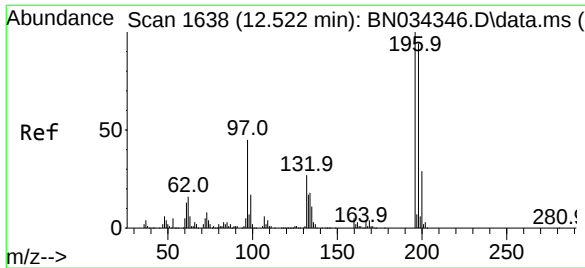


#41
2,4,6-Trichlorophenol
Concen: 4.607 ng/ul
RT: 12.457 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04



Tgt Ion:196 Resp: 50396
Ion Ratio Lower Upper
196 100
198 91.1 75.0 112.4
200 31.0 24.7 37.1





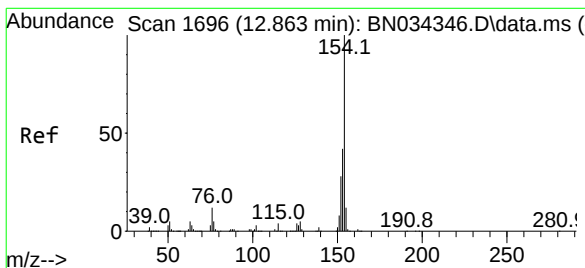
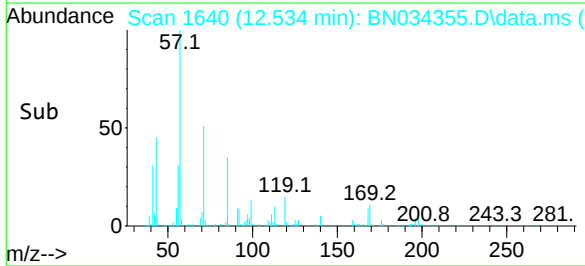
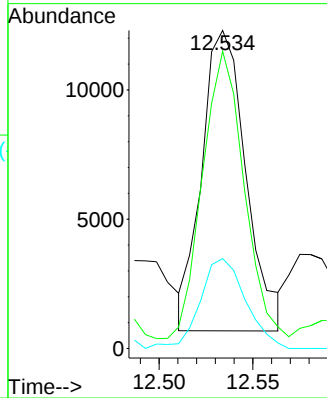
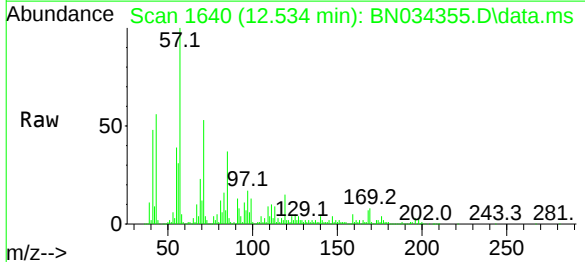
#42
2,4,5-Trichlorophenol
Concen: 1.584 ng/u1
RT: 12.534 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

Instrument :
BNA_N
ClientSampleId :
DDC95

Tgt Ion:	196	Resp:	19028
Ion Ratio	Lower	Upper	
196	100		
198	93.4	77.1	115.7
200	28.3	25.2	37.8

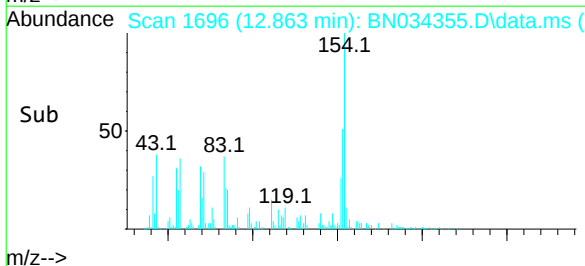
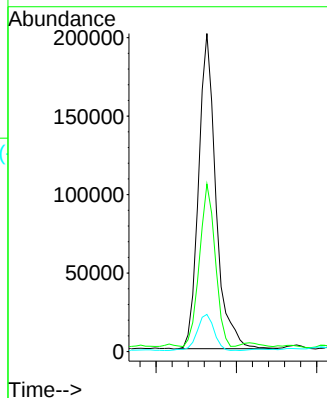
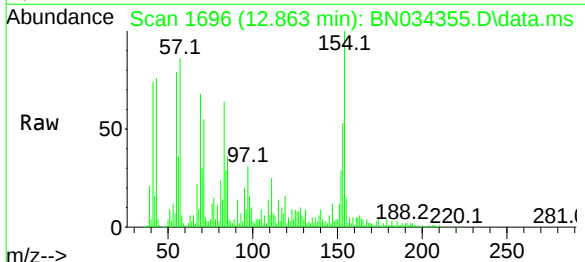
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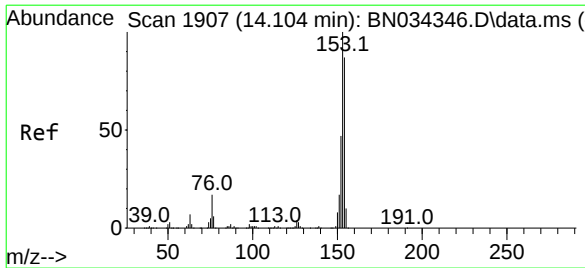
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#43
1,1'-Biphenyl
Concen: 6.966 ng/u1
RT: 12.863 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

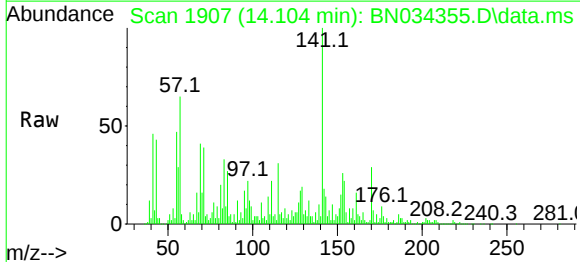
Tgt Ion:	154	Resp:	300159
Ion Ratio	Lower	Upper	
154	100		
153	52.7	33.3	49.9#
76	11.7	10.2	15.4





#52
Acenaphthene
Concen: 1.827 ng/ul
RT: 14.104 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

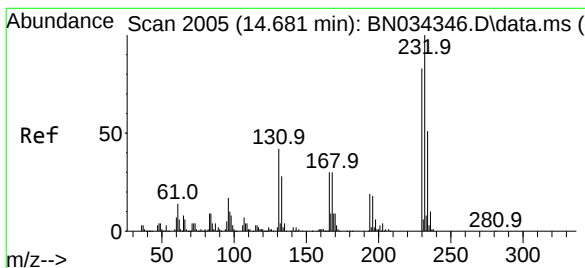
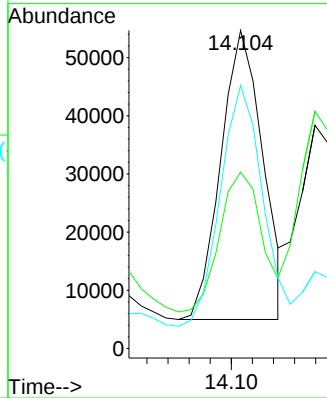
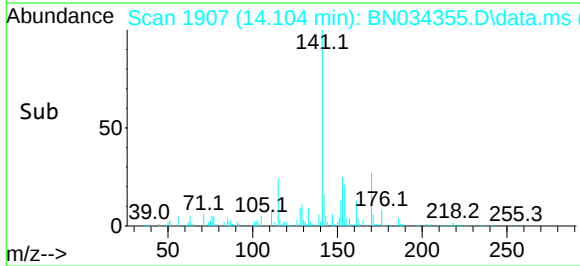
Instrument :
BNA_N
ClientSampleId :
DDC95



Tgt Ion:153 Resp: 68600
Ion Ratio Lower Upper
153 100
152 55.4 37.8 56.8
154 82.7 71.2 106.8

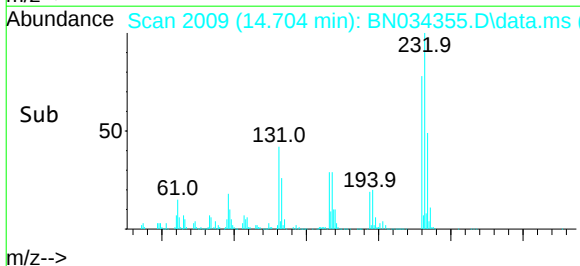
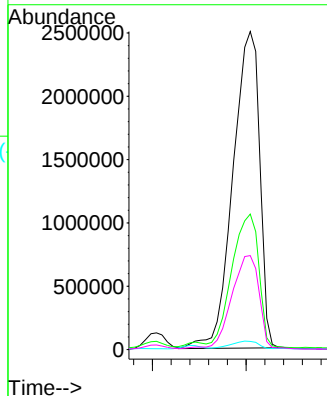
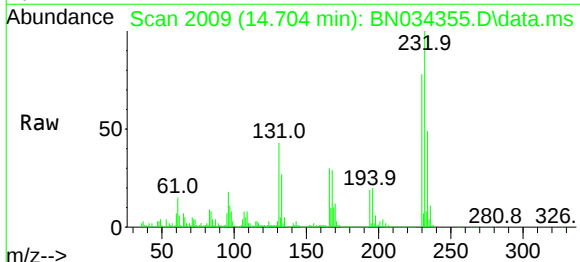
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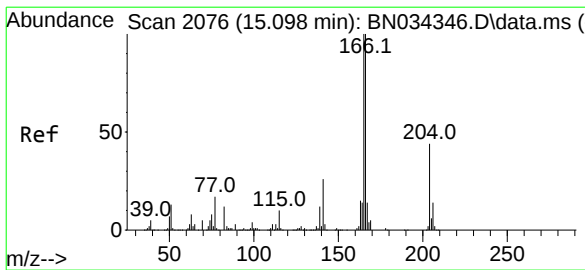
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 496.997 ng/ul
RT: 14.704 min Scan# 2009
Delta R.T. 0.024 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

Tgt Ion:232 Resp: 4955481
Ion Ratio Lower Upper
232 100
131 42.6 41.0 61.6
130 2.6 2.2 3.2
166 29.6 27.1 40.7





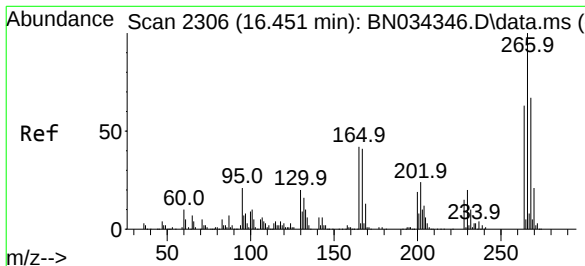
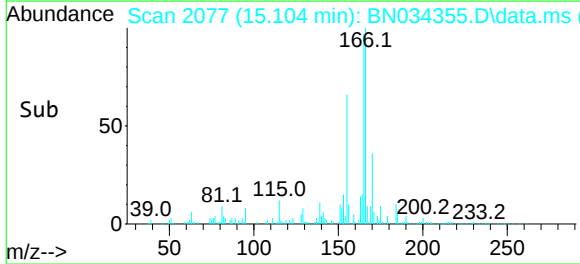
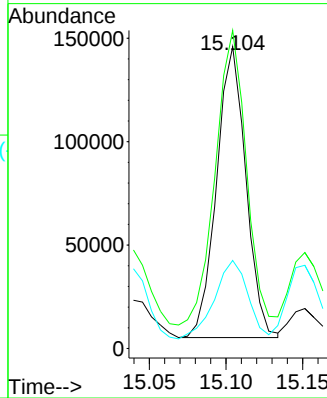
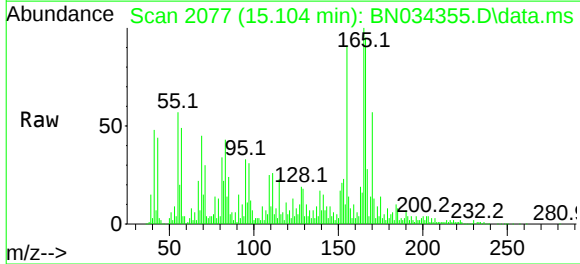
#61
Fluorene
Concen: 4.448 ng/u1
RT: 15.104 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

Instrument :
BNA_N
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Tgt Ion:	166	Resp:	186811
Ion Ratio	Lower	Upper	
166	100		
165	105.4	81.9	122.9
167	29.2	10.9	16.3

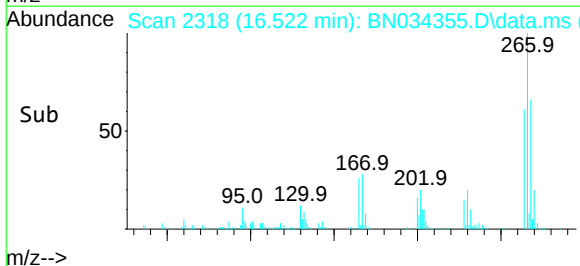
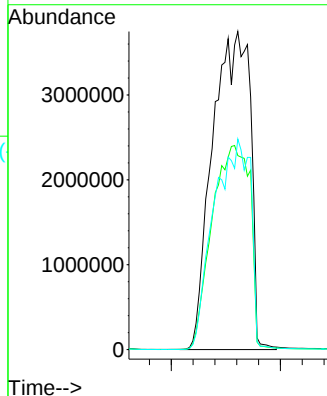
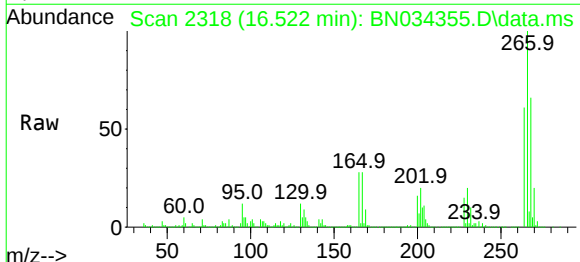
Manual Integrations
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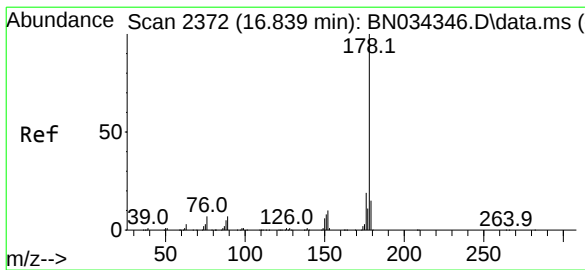
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#71
Pentachlorophenol
Concen: 2021.507 ng/u1 m
RT: 16.522 min Scan# 2318
Delta R.T. 0.065 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

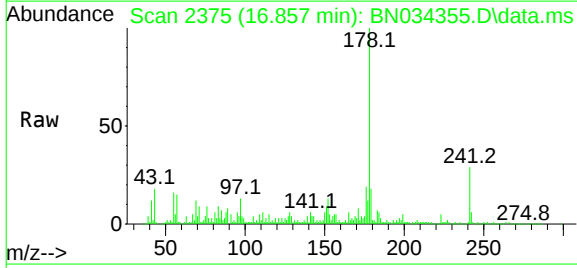
Tgt Ion:	266	Resp:	17991395
Ion Ratio	Lower	Upper	
266	100		
264	61.0	51.1	76.7
268	66.2	52.8	79.2





#72
Phenanthrene
Concen: 15.453 ng/u1
RT: 16.857 min Scan# 2375
Delta R.T. 0.018 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04

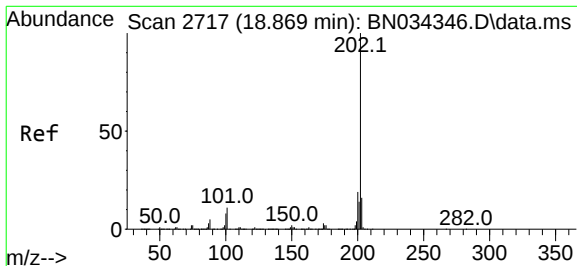
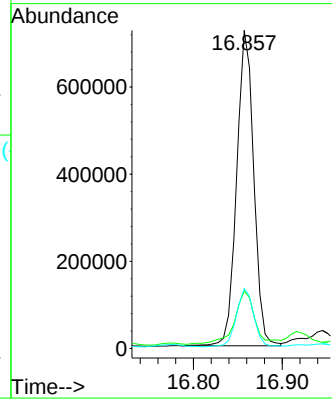
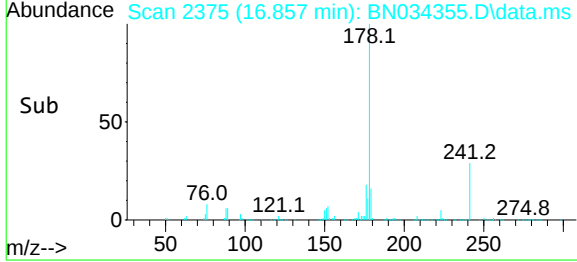
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DDC95



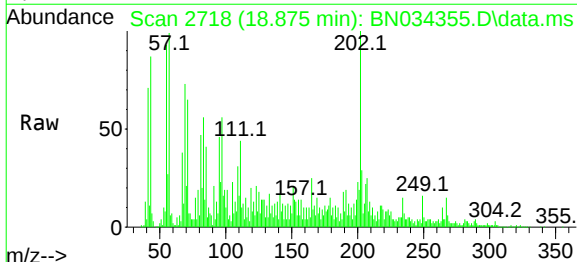
Tgt Ion:	178	Resp:	966048
Ion	Ratio	Lower	Upper
178	100		
179	18.0	11.9	17.9
176	18.8	15.2	22.8

Manual Integrations
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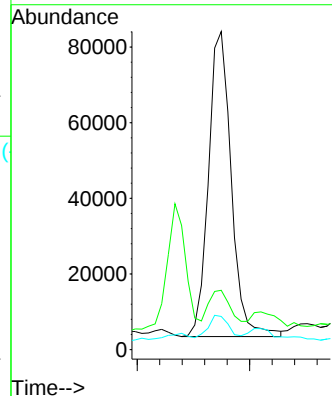
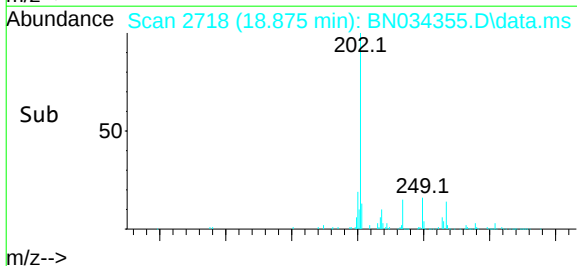
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

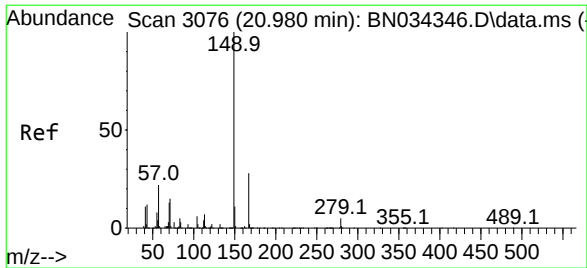


#80
Fluoranthene
Concen: 1.568 ng/u1
RT: 18.875 min Scan# 2718
Delta R.T. 0.006 min
Lab File: BN034355.D
Acq: 03 Oct 2024 04:04



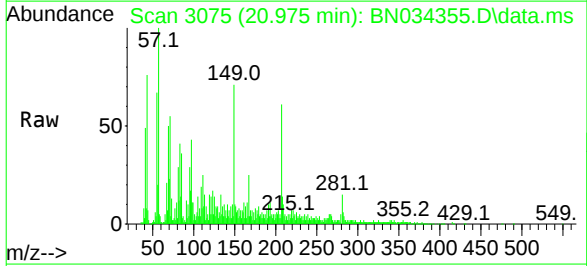
Tgt Ion:	202	Resp:	113776
Ion	Ratio	Lower	Upper
202	100		
101	18.6	9.6	14.4
100	10.4	7.7	11.5





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.647 ng/ul
 RT: 20.975 min Scan# 3075
 Delta R.T. -0.006 min
 Lab File: BN034355.D
 Acq: 03 Oct 2024 04:04

Instrument :
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Tgt Ion:	149	Resp:	84327
Ion Ratio	Lower	Upper	
149	100		
167	35.3	20.6	31.0#
279	7.2	3.0	4.6#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
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