

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034340.D
 Acq On : 02 Oct 2024 16:57
 Operator : RC/JU
 Sample : P4016-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC23

Manual Integrations
 APPROVED

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

Quant Time: Oct 02 17:47:24 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	7.392	152	202172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	740827	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.051	164	567464	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.833	188	1113157	20.000	ng/ul	0.03
79) Chrysene-d12	21.033	240	1135951	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	1395983	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.004	96	26690	5.387	ng/uL	0.00
4) Pyridine-d5	3.404	84	291494	19.794	ng/ul	0.02
7) Phenol-d5	6.610	99	502707	28.017	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.745	67	349279	31.375	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	410301	29.051	ng/ul	0.02
15) 4-Methylphenol-d8	8.122	113	375024	25.402	ng/ul	0.02
21) Nitrobenzene-d5	8.539	128	211132	35.756	ng/ul	0.01
24) 2-Nitrophenol-d4	9.251	143	216542	35.662	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.804	165	389108	34.027	ng/ul	0.03
31) 4-Chloroaniline-d4	10.275	131	553881	31.994	ng/ul	-0.02
46) Dimethylphthalate-d6	13.474	166	1033529	24.371	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1215593	25.479	ng/ul	0.01
54) 4-Nitrophenol-d4	14.298	143	228687	26.276	ng/ul	0.02
60) Fluorene-d10	15.057	176	937479	26.084	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.186	200	142875	21.527	ng/ul	0.01
73) Anthracene-d10	16.927	188	1383599	26.438	ng/ul	0.03
81) Pyrene-d10	19.215	212	1669719	26.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1930621	26.923	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.204	128	2178524	53.761	ng/ul	95
36) 2-Methylnaphthalene	11.833	142	3687365	132.103	ng/ul	100
37) 1-Methylnaphthalene	12.057	142	2262520	80.077	ng/ul	97
41) 2,4,6-Trichlorophenol	12.469	196	50737	4.672	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	142598	11.953	ng/ul	95
43) 1,1'-Biphenyl	12.869	154	470016	10.986	ng/ul	94
52) Acenaphthene	14.116	153	133637	3.586	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.710	232	3947597	398.782	ng/ul	90
61) Fluorene	15.116	166	326543	7.832	ng/ul#	92
71) Pentachlorophenol	16.521	266	21835300m	2498.849	ng/ul	
72) Phenanthrene	16.874	178	1266951	20.641	ng/ul#	95
82) Pyrene	19.245	202	85982	1.081	ng/ul#	80
86) Bis(2-ethylhexyl)phtha...	20.980	149	144919	2.776	ng/ul#	86

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

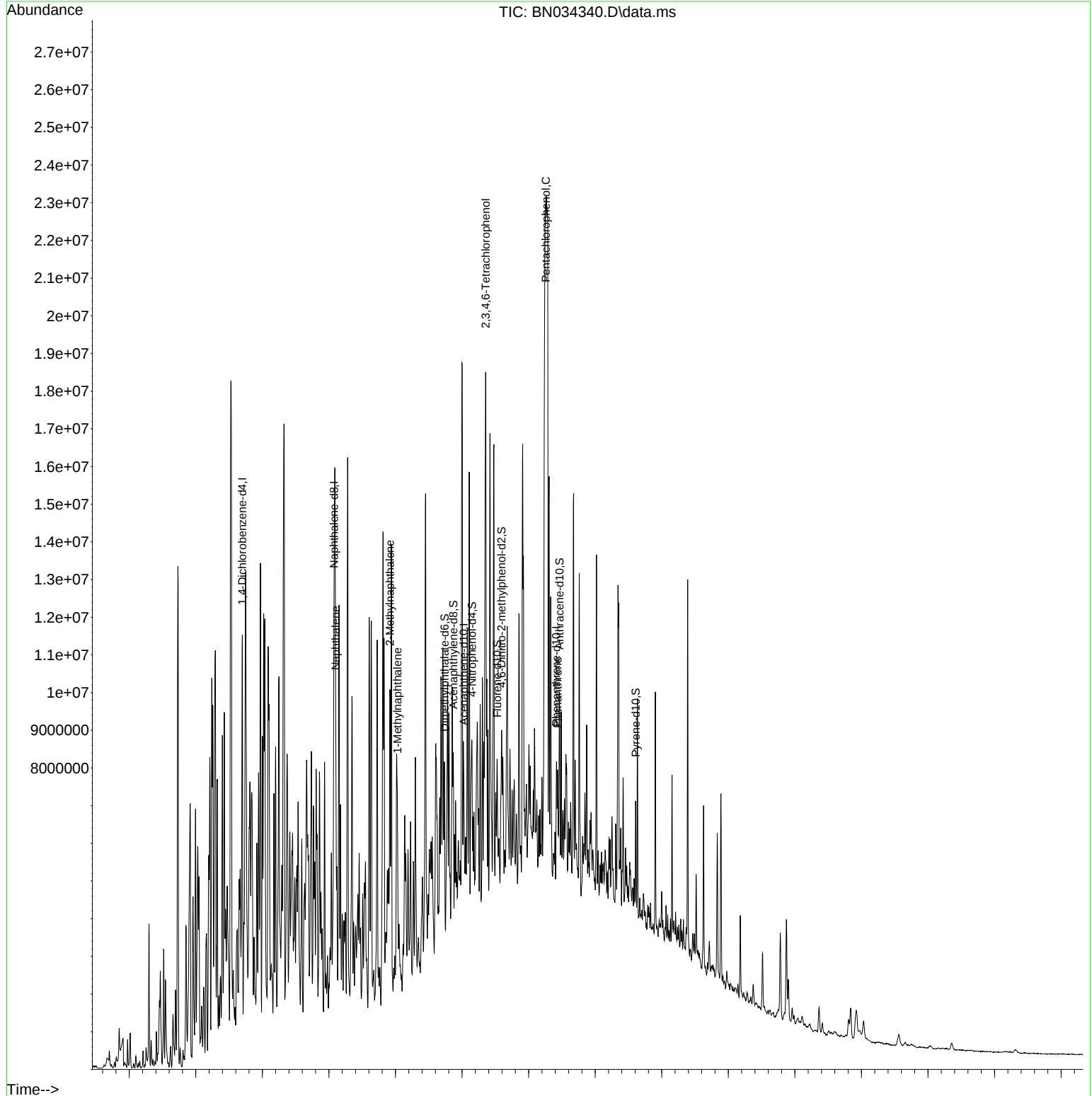
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034340.D
Acq On : 02 Oct 2024 16:57
Operator : RC/JU
Sample : P4016-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

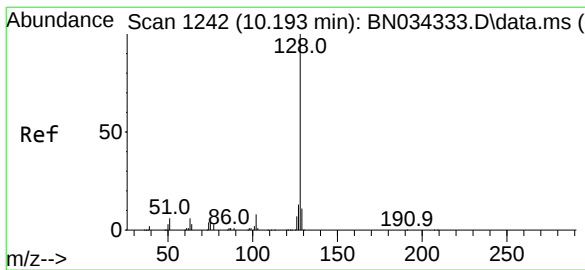
Instrument :
BNA_N
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DDC23

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Supervised By :mohammad ahmed 10/05/2024

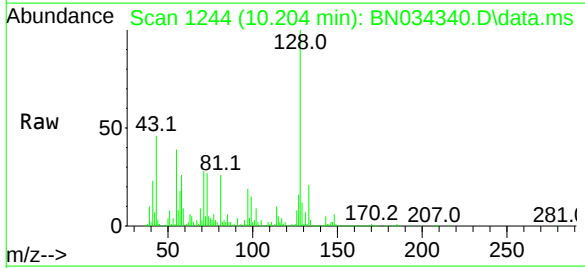
Quant Time: Oct 02 17:47:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 53.761 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. 0.011 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

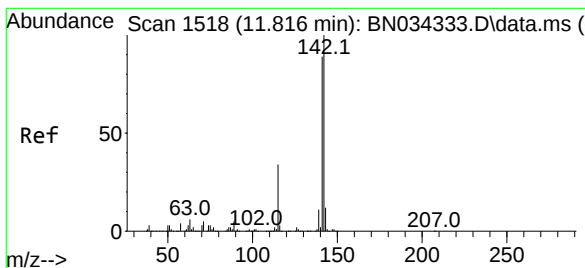
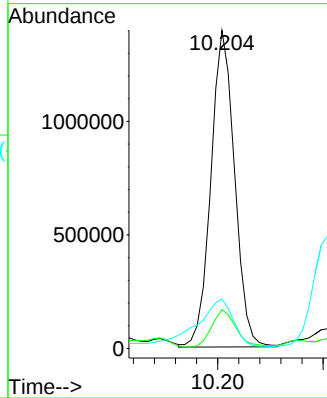
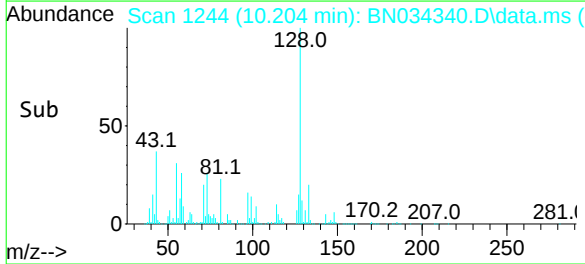
Instrument :
BNA_N
ClientSampleId :
DDC23



Tgt Ion:128 Resp: 2178524
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 15.6 10.6 16.0

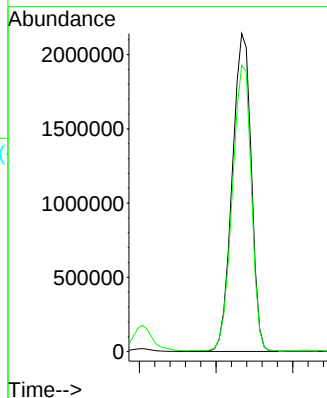
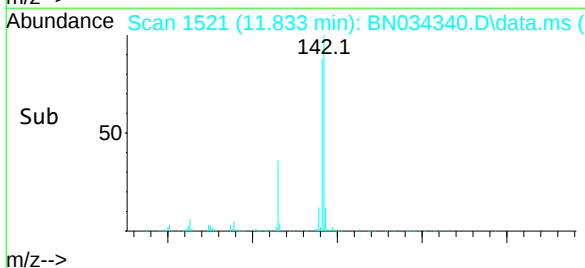
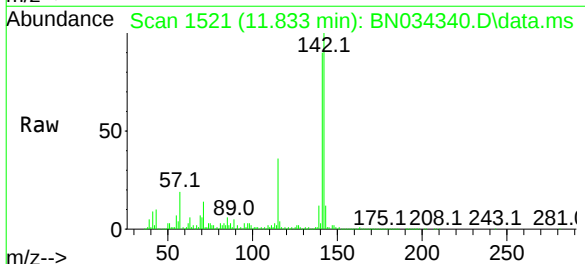
Manual Integrations
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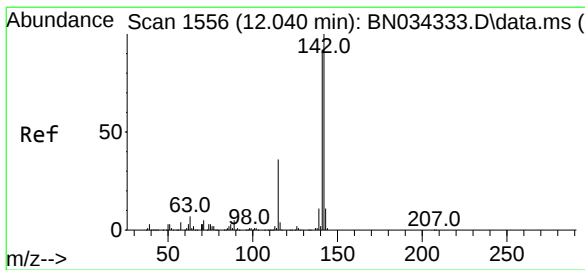
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 132.103 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. 0.017 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

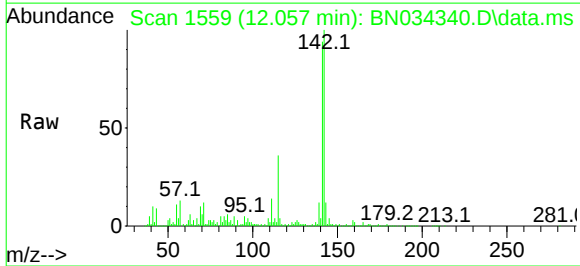
Tgt Ion:142 Resp: 3687365
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





#37
1-Methylnaphthalene
Concen: 80.077 ng/ul
RT: 12.057 min Scan# 1559
Delta R.T. 0.017 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

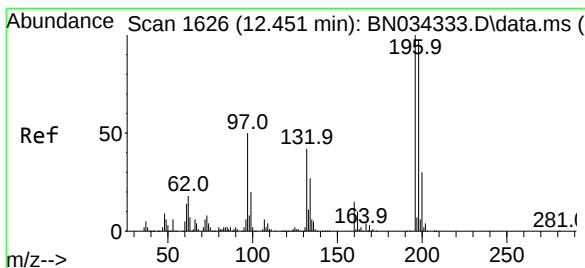
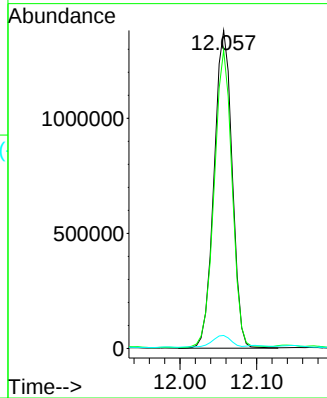
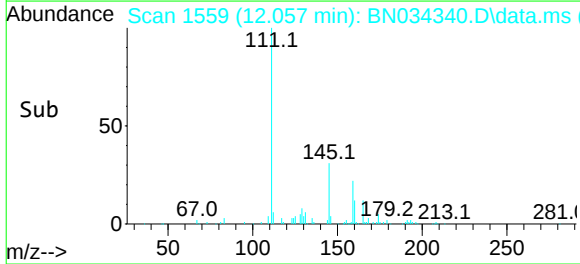
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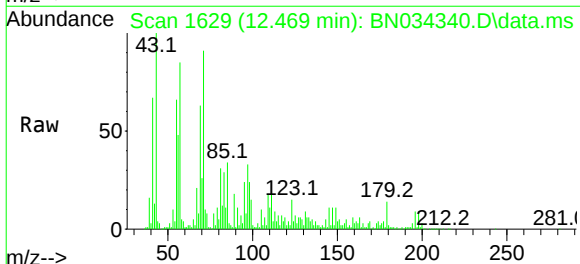
Tgt Ion:142 Resp: 2262520
Ion Ratio Lower Upper
142 100
141 93.8 72.5 108.7
116 4.1 3.2 4.8

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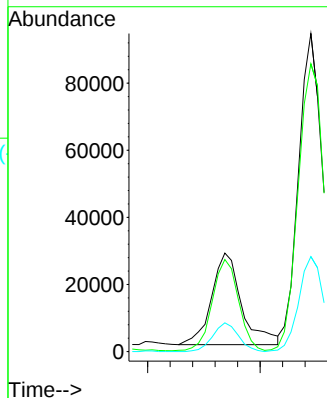
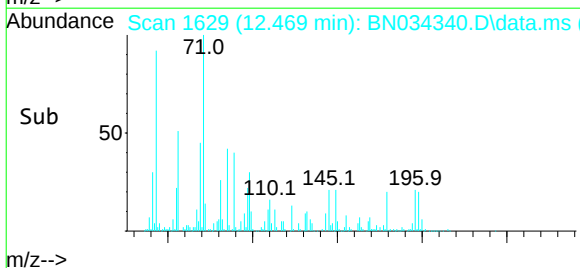
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

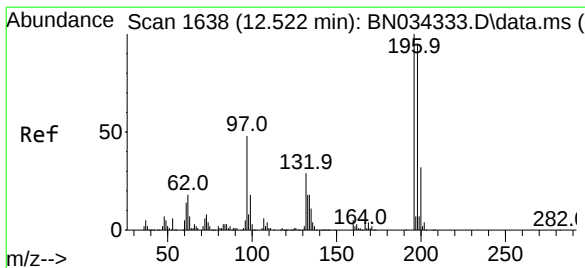


#41
2,4,6-Trichlorophenol
Concen: 4.672 ng/ul
RT: 12.469 min Scan# 1629
Delta R.T. 0.017 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57



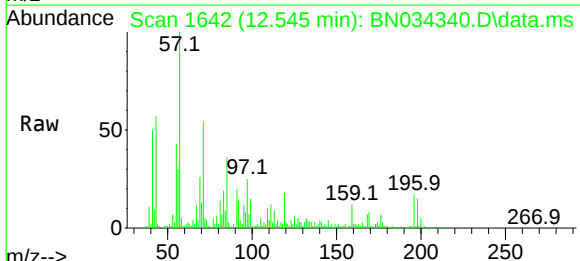
Tgt Ion:196 Resp: 50737
Ion Ratio Lower Upper
196 100
198 93.5 75.0 112.4
200 29.2 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 11.953 ng/ul
RT: 12.545 min Scan# 1638
Delta R.T. 0.023 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

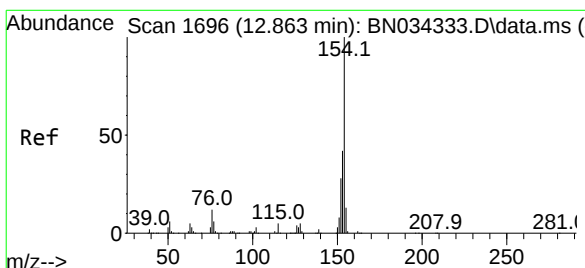
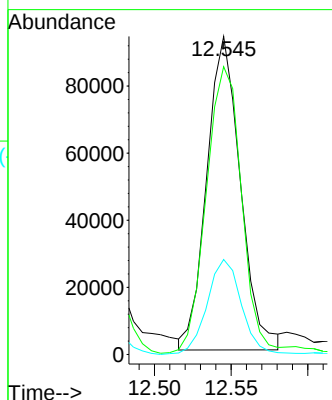
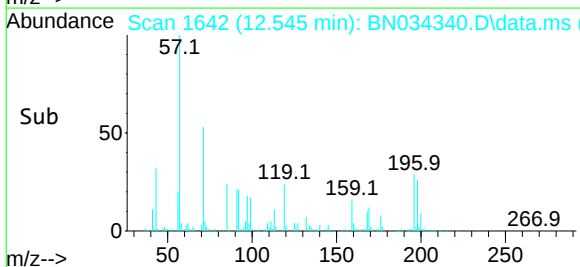
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:196 Resp: 142598
Ion Ratio Lower Upper
196 100
198 90.5 77.1 115.7
200 29.9 25.2 37.8

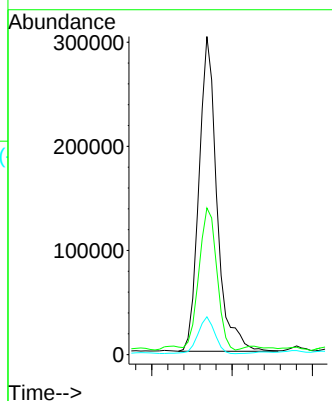
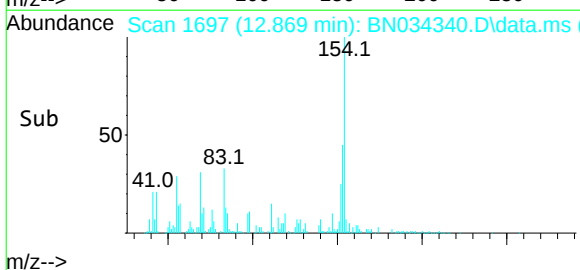
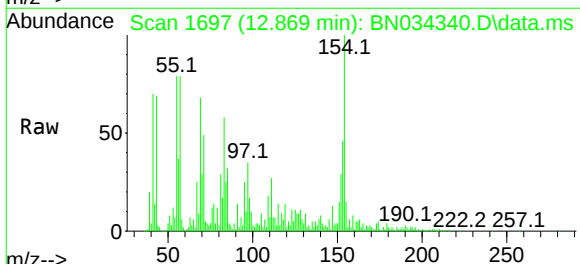
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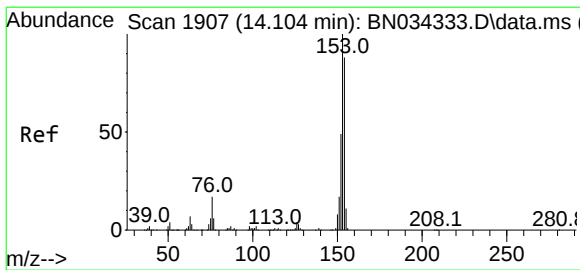
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#43
1,1'-Biphenyl
Concen: 10.986 ng/ul
RT: 12.869 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

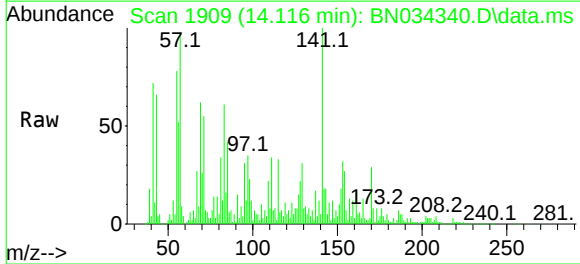
Tgt Ion:154 Resp: 470016
Ion Ratio Lower Upper
154 100
153 46.1 33.3 49.9
76 11.9 10.2 15.4





#52
Acenaphthene
Concen: 3.586 ng/u1
RT: 14.116 min Scan# 1909
Delta R.T. 0.011 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

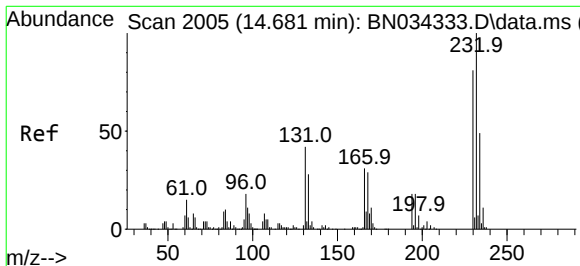
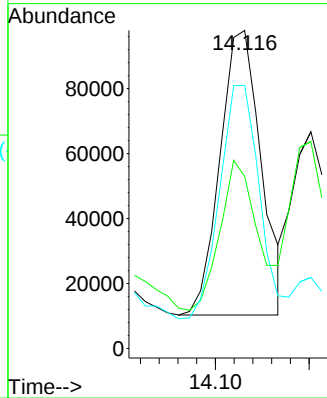
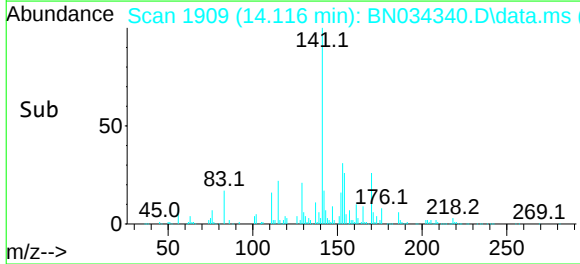
Instrument :
BNA_N
ClientSampleId :
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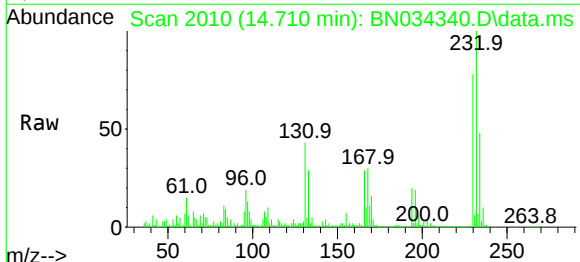
Tgt Ion:153 Resp: 133637
Ion Ratio Lower Upper
153 100
152 54.1 37.8 56.8
154 82.7 71.2 106.8

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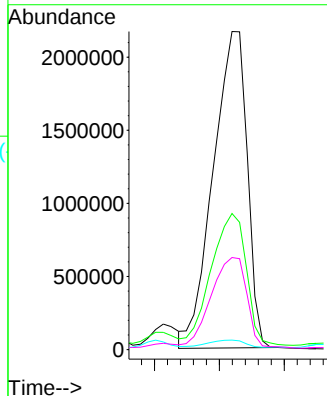
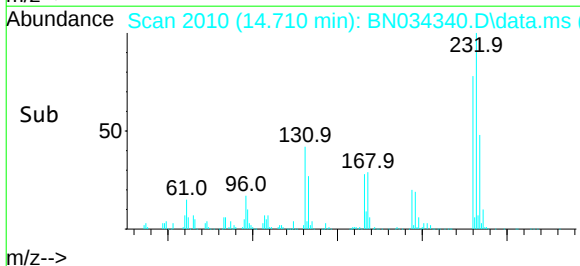
Reviewed By :Yogesh Patel 10/04/2024
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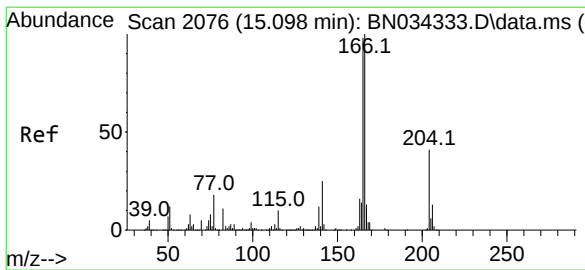


#58
2,3,4,6-Tetrachlorophenol
Concen: 398.782 ng/u1
RT: 14.710 min Scan# 2010
Delta R.T. 0.029 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57



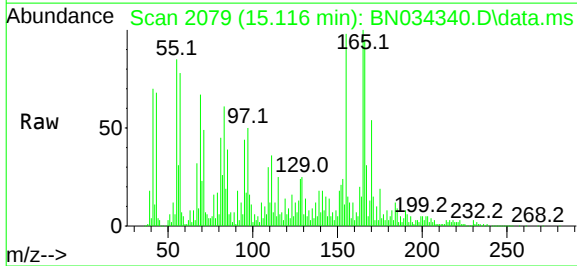
Tgt Ion:232 Resp: 3947597
Ion Ratio Lower Upper
232 100
131 42.8 41.0 61.6
130 3.0 2.2 3.2
166 29.0 27.1 40.7





#61
Fluorene
Concen: 7.832 ng/u1
RT: 15.116 min Scan# 2076
Delta R.T. 0.017 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

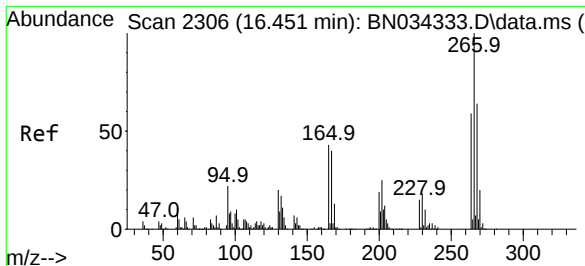
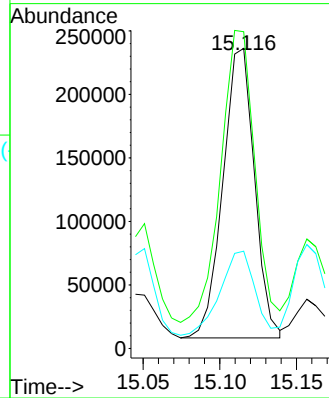
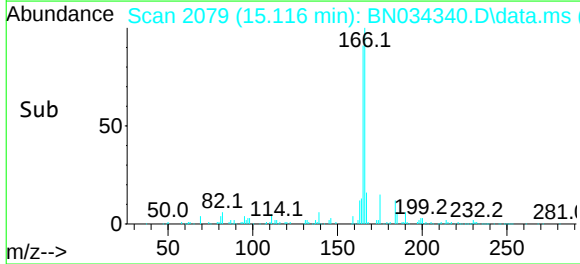
Instrument :
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ClientSampleId :
DDC23



Tgt Ion:166 Resp: 326543
Ion Ratio Lower Upper
166 100
165 105.5 81.9 122.9
167 32.4 10.9 16.3#

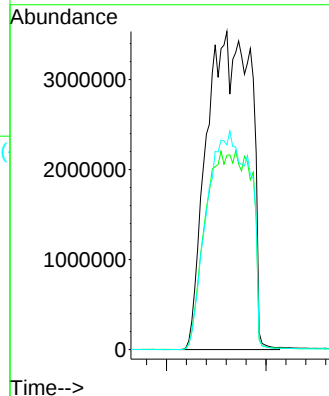
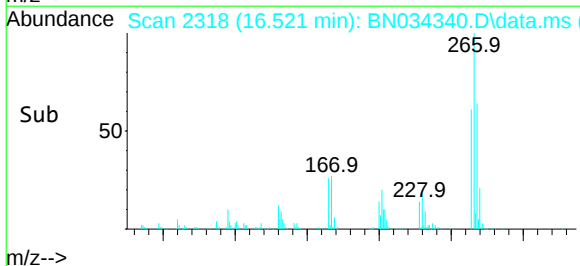
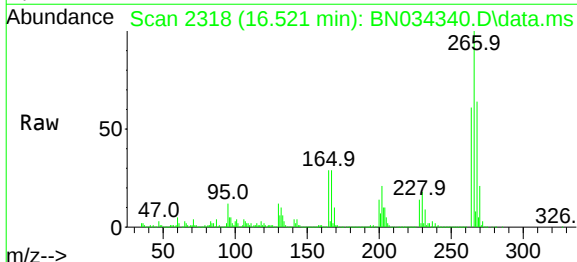
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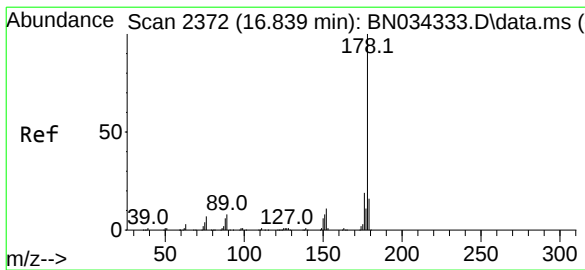
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#71
Pentachlorophenol
Concen: 2498.849 ng/u1 m
RT: 16.521 min Scan# 2318
Delta R.T. 0.064 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

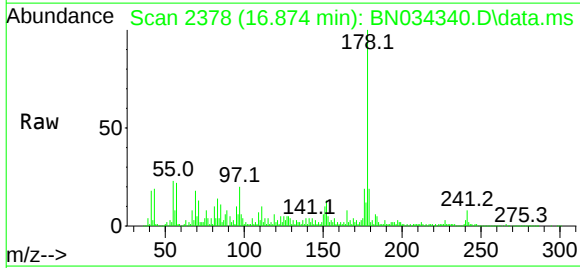
Tgt Ion:266 Resp:21835300
Ion Ratio Lower Upper
266 100
264 61.1 51.1 76.7
268 64.4 52.8 79.2





#72
Phenanthrene
Concen: 20.641 ng/u1
RT: 16.874 min Scan# 2378
Delta R.T. 0.035 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57

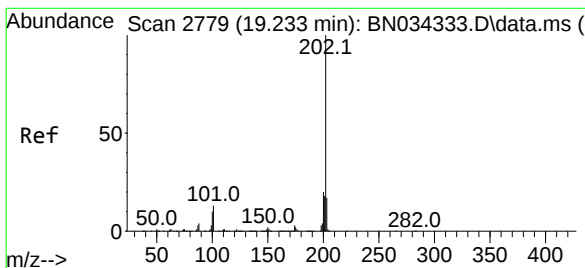
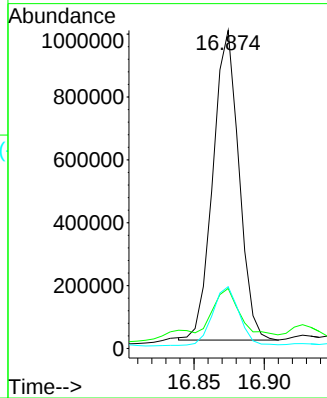
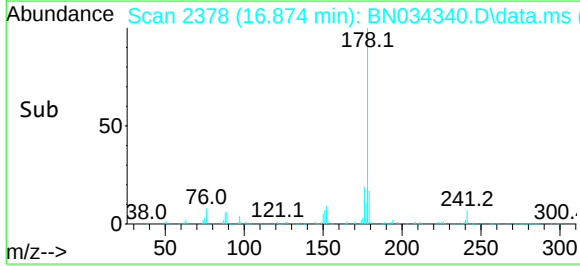
Instrument :
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DDC23



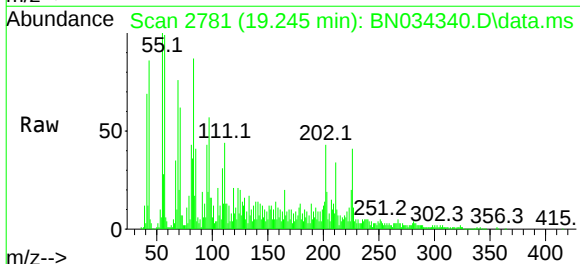
Tgt Ion:178 Resp: 1266951
Ion Ratio Lower Upper
178 100
179 18.9 11.9 17.9#
176 19.4 15.2 22.8

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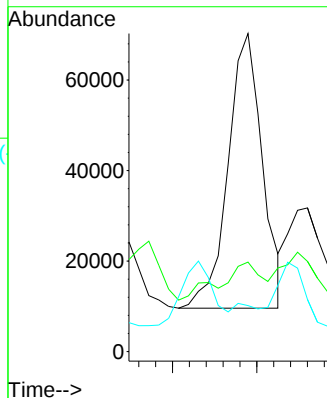
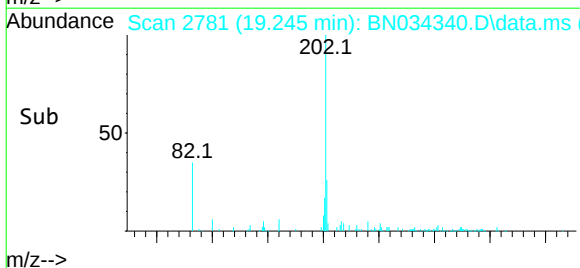
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

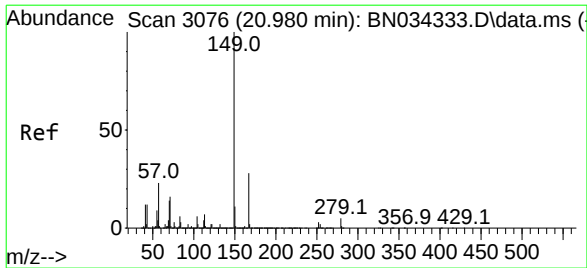


#82
Pyrene
Concen: 1.081 ng/u1
RT: 19.245 min Scan# 2781
Delta R.T. 0.006 min
Lab File: BN034340.D
Acq: 02 Oct 2024 16:57



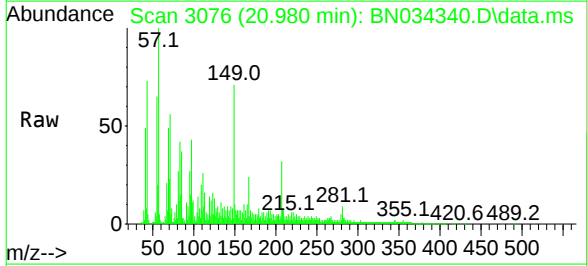
Tgt Ion:202 Resp: 85982
Ion Ratio Lower Upper
202 100
101 28.1 11.8 17.8#
100 14.5 10.0 15.0





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.776 ng/ul
 RT: 20.980 min Scan# 3076
 Delta R.T. -0.000 min
 Lab File: BN034340.D
 Acq: 02 Oct 2024 16:57

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Tgt Ion:	149	Resp:	144919
Ion Ratio	Lower	Upper	
149	100		
167	33.6	20.6	31.0#
279	6.4	3.0	4.6#

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