

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034343.D
 Acq On : 02 Oct 2024 18:55
 Operator : RC/JU
 Sample : P4016-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC24

Manual Integrations
 APPROVED

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

Quant Time: Oct 02 23:08:10 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	7.393	152	228121	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	857972	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.045	164	621222	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1257009	20.000	ng/ul	0.01
79) Chrysene-d12	21.033	240	1240149	20.000	ng/ul	0.00
88) Perylene-d12	23.751	264	1504382	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	18582	3.324	ng/uL	0.00
4) Pyridine-d5	3.393	84	230135	13.850	ng/ul	0.00
7) Phenol-d5	6.593	99	383193	18.927	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.740	67	253603	20.189	ng/ul	0.00
11) 2-Chlorophenol-d4	6.934	132	330384	20.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	302550	18.162	ng/ul	0.00
21) Nitrobenzene-d5	8.534	128	162351	23.741	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	175933	25.018	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	307250	23.200	ng/ul	0.01
31) 4-Chloroaniline-d4	10.298	131	210977	10.523	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	897016	19.321	ng/ul	0.00
49) Acenaphthylene-d8	13.734	160	1034930	19.815	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	164524	17.268	ng/ul	0.01
60) Fluorene-d10	15.051	176	810572	20.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	115872	15.460	ng/ul	0.00
73) Anthracene-d10	16.910	188	1200345	20.311	ng/ul	0.01
81) Pyrene-d10	19.210	212	1377762	19.939	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1552256	20.087	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.198	128	1089374	23.213	ng/ul	97
36) 2-Methylnaphthalene	11.828	142	2111728	65.325	ng/ul	99
37) 1-Methylnaphthalene	12.051	142	1258880	38.472	ng/ul	97
41) 2,4,6-Trichlorophenol	12.457	196	11946	1.005	ng/ul	89
42) 2,4,5-Trichlorophenol	12.534	196	176128	13.487	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	259926	5.550	ng/ul	91
52) Acenaphthene	14.110	153	78181	1.916	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.692	232	1467475	135.414	ng/ul	90
61) Fluorene	15.104	166	188591	4.132	ng/ul#	87
71) Pentachlorophenol	16.510	266	11593774m	1174.962	ng/ul	
72) Phenanthrene	16.857	178	786520	11.348	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	20.980	149	68287	1.198	ng/ul#	89

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

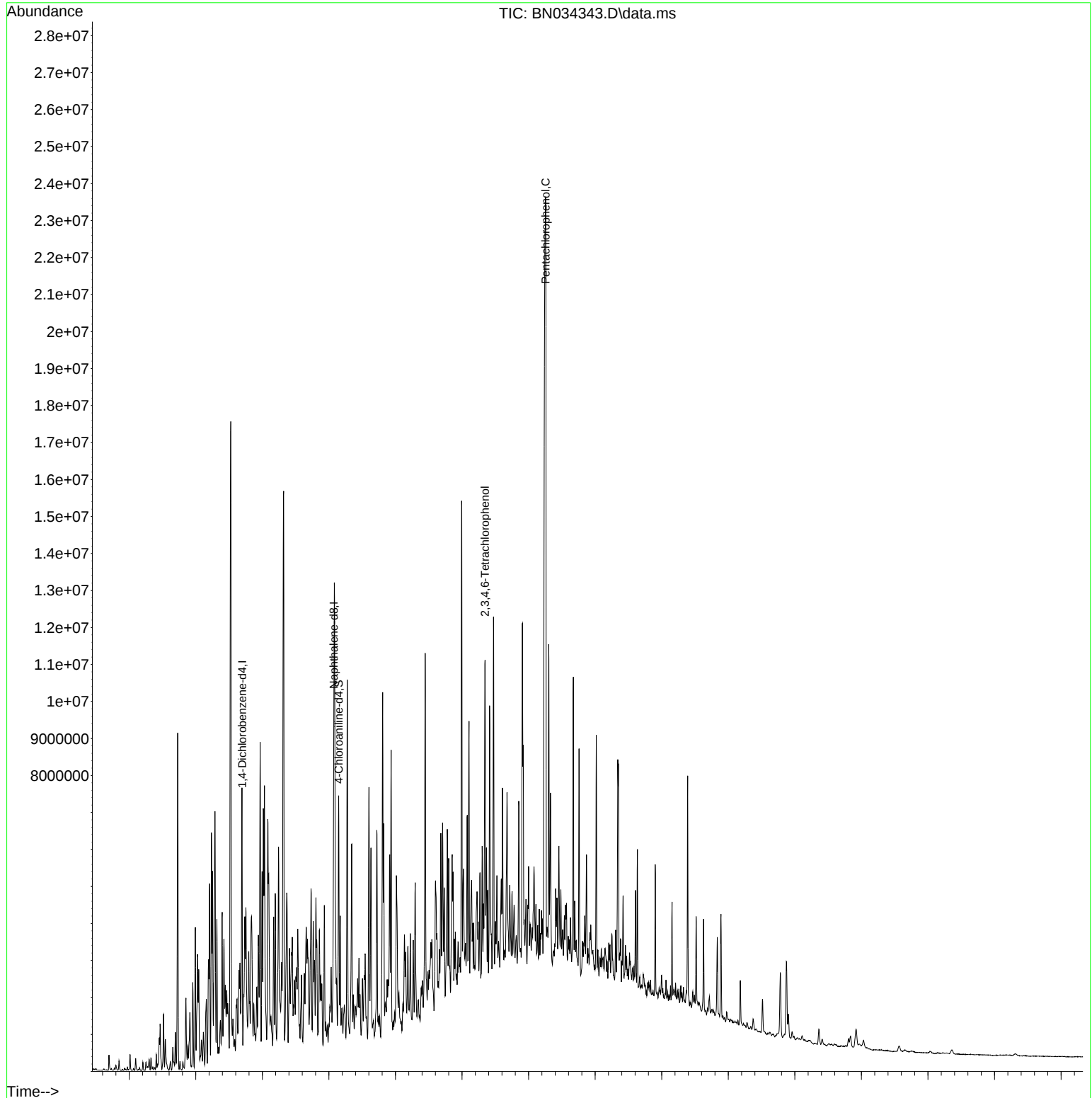
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034343.D
Acq On : 02 Oct 2024 18:55
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Misc :
ALS Vial : 12 Sample Multiplier: 1

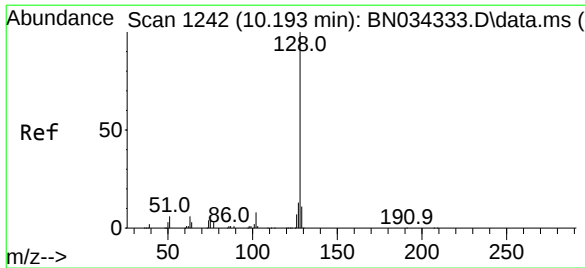
Instrument :
BNA_N
ClientSampleId :
DDC24

Quant Time: Oct 02 23:08:10 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

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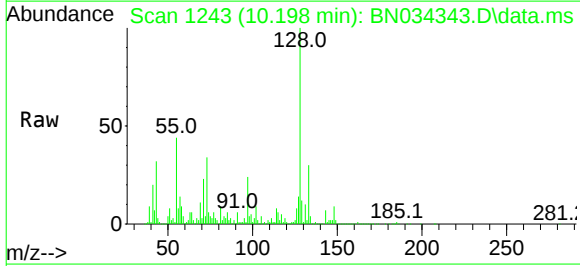
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024





#30
Naphthalene
Concen: 23.213 ng/u1
RT: 10.198 min Scan# 12
Delta R.T. 0.006 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

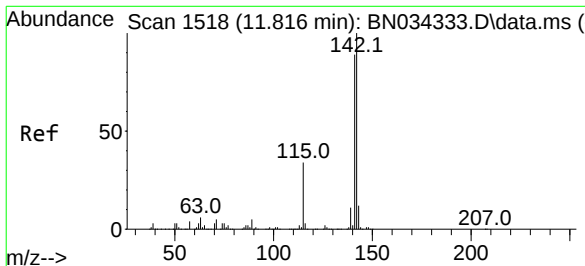
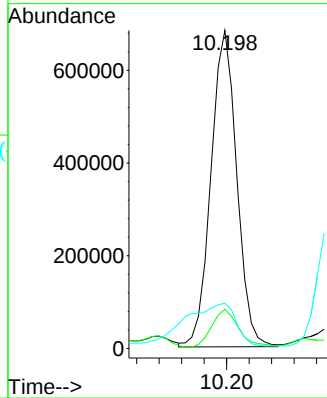
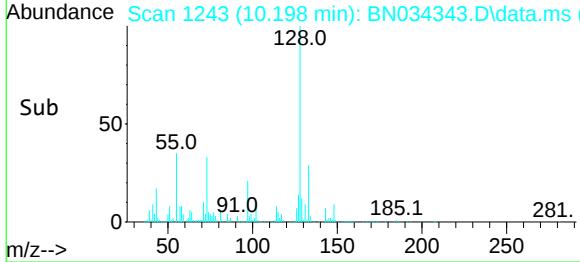
Instrument :
BNA_N
ClientSampleId :
DDC24



Tgt Ion:128 Resp: 1089374
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.2 10.6 16.0

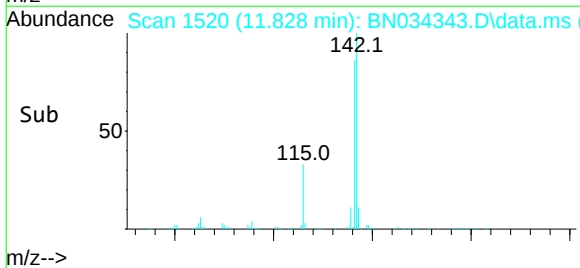
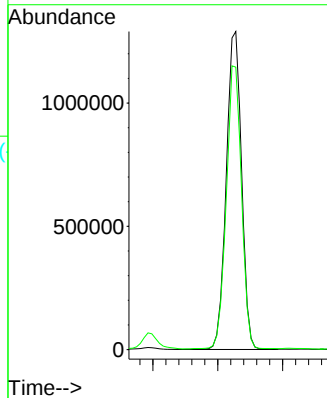
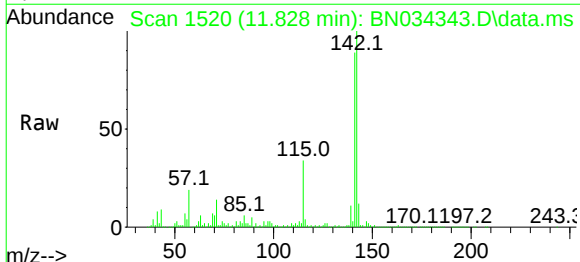
Manual Integrations
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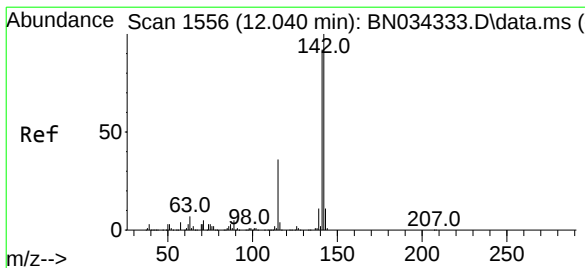
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 65.325 ng/u1
RT: 11.828 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

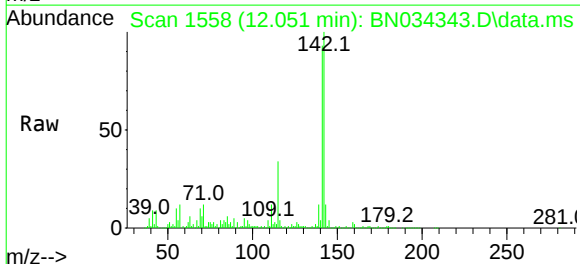
Tgt Ion:142 Resp: 2111728
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#37
1-Methylnaphthalene
Concen: 38.472 ng/u1
RT: 12.051 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

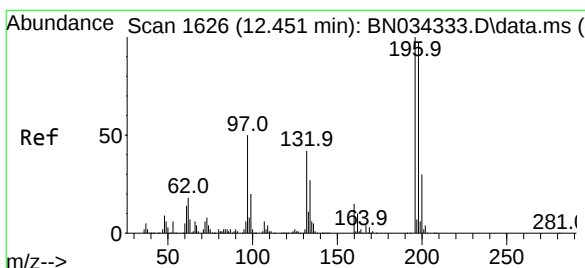
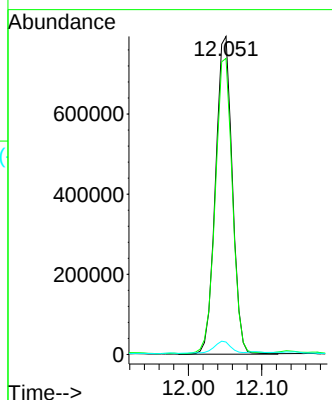
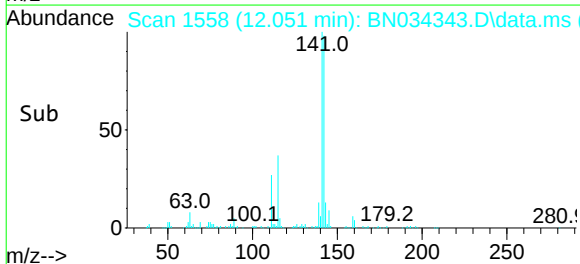
Instrument :
BNA_N
ClientSampleId :
DDC24



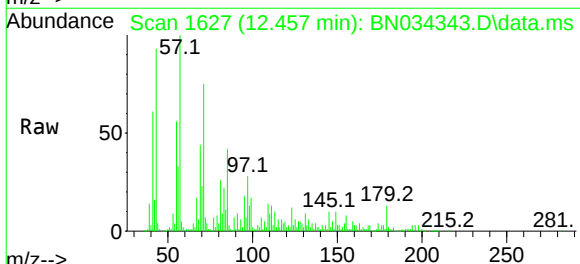
Tgt Ion:142 Resp: 1258880
Ion Ratio Lower Upper
142 100
141 93.1 72.5 108.7
116 3.9 3.2 4.8

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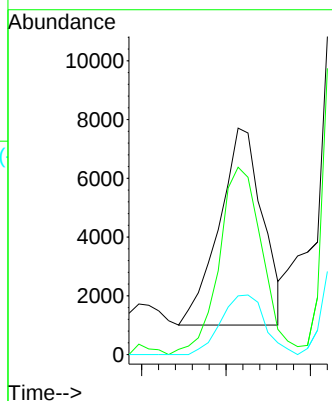
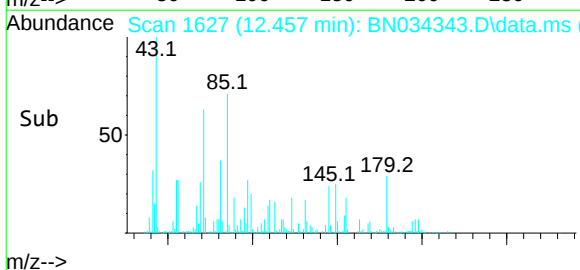
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

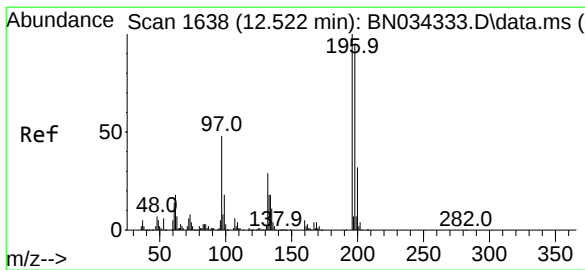


#41
2,4,6-Trichlorophenol
Concen: 1.005 ng/u1
RT: 12.457 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55



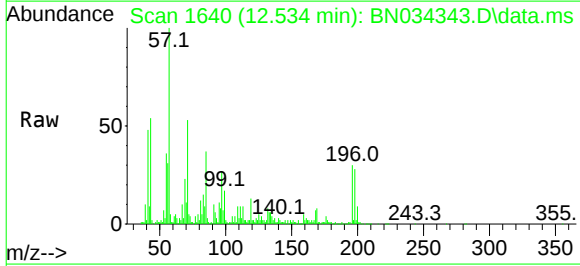
Tgt Ion:196 Resp: 11946
Ion Ratio Lower Upper
196 100
198 82.7 75.0 112.4
200 25.9 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 13.487 ng/u1
RT: 12.534 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

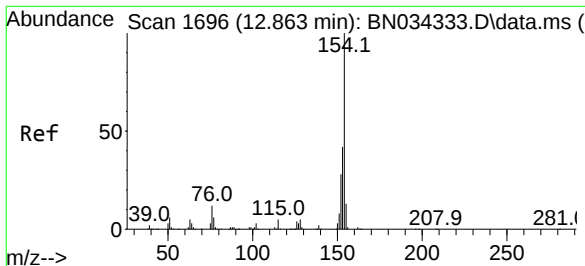
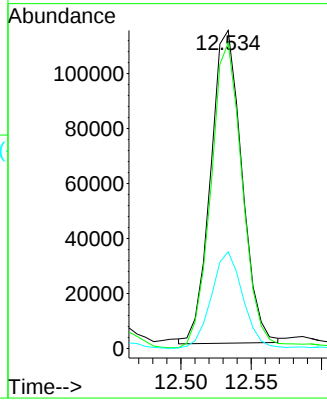
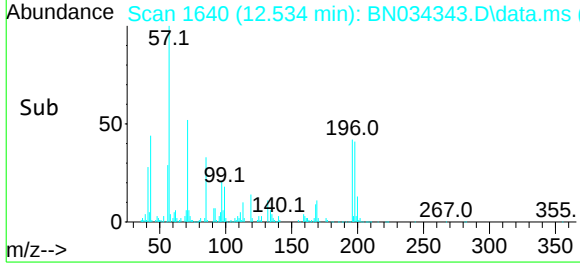
Instrument :
BNA_N
ClientSampleId :
DDC24



Tgt Ion:196 Resp: 176128
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 30.4 25.2 37.8

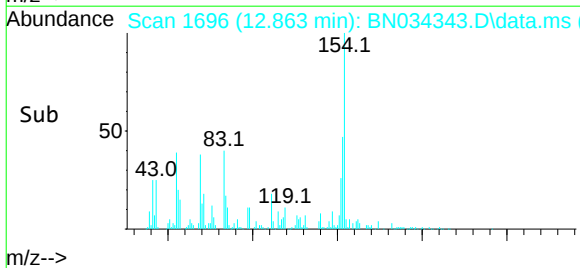
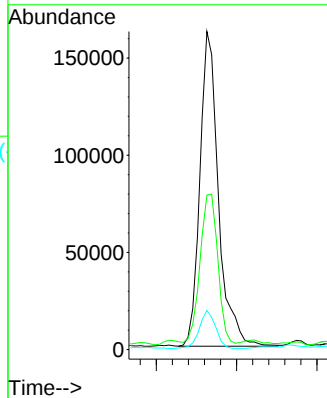
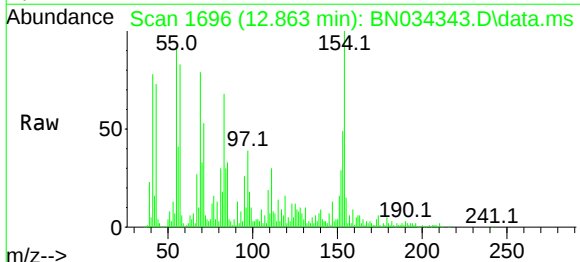
Manual Integrations
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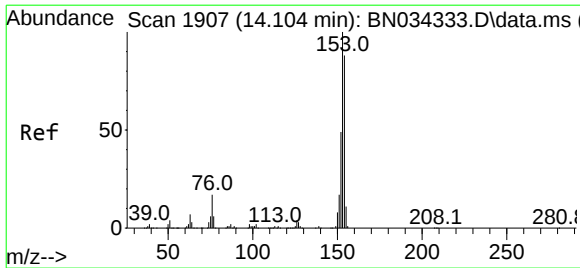
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#43
1,1'-Biphenyl
Concen: 5.550 ng/u1
RT: 12.863 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

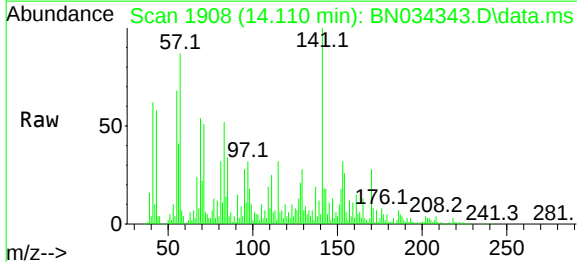
Tgt Ion:154 Resp: 259926
Ion Ratio Lower Upper
154 100
153 48.5 33.3 49.9
76 12.3 10.2 15.4





#52
Acenaphthene
Concen: 1.916 ng/ul
RT: 14.110 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

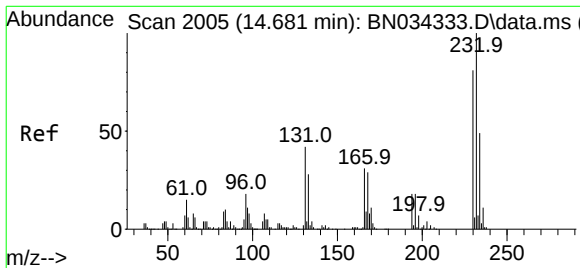
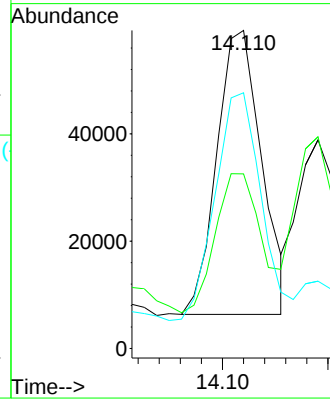
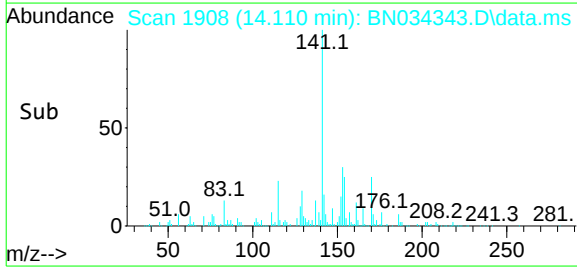
Instrument :
BNA_N
ClientSampleId :
DDC24



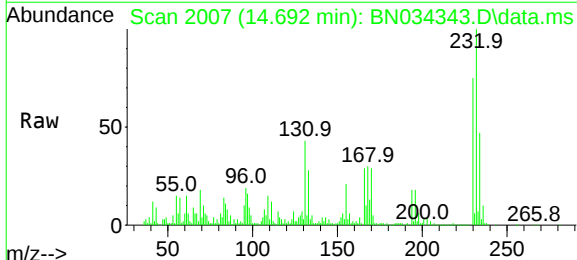
Tgt Ion:	153	Resp:	78181
Ion Ratio	Lower	Upper	
153	100		
152	54.9	37.8	56.8
154	80.4	71.2	106.8

Manual Integrations
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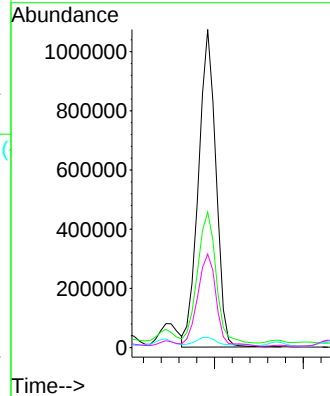
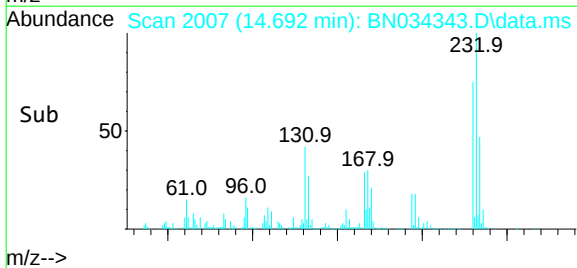
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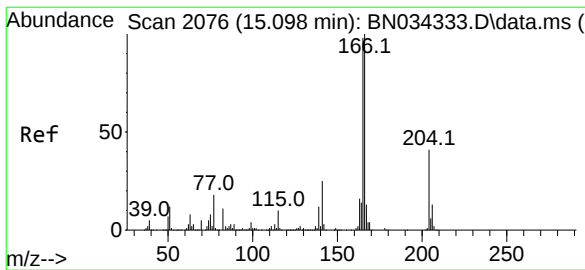


#58
2,3,4,6-Tetrachlorophenol
Concen: 135.414 ng/ul
RT: 14.692 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55



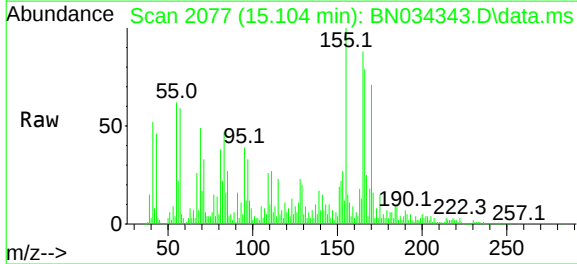
Tgt Ion:	232	Resp:	1467475
Ion Ratio	Lower	Upper	
232	100		
131	42.7	41.0	61.6
130	3.2	2.2	3.2
166	29.4	27.1	40.7





#61
Fluorene
Concen: 4.132 ng/u1
RT: 15.104 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

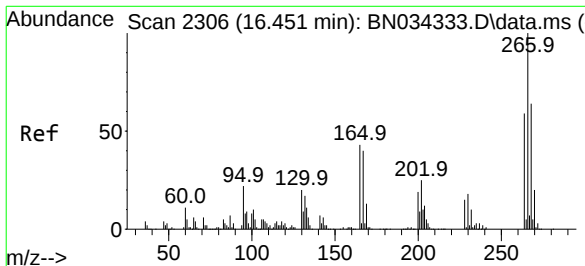
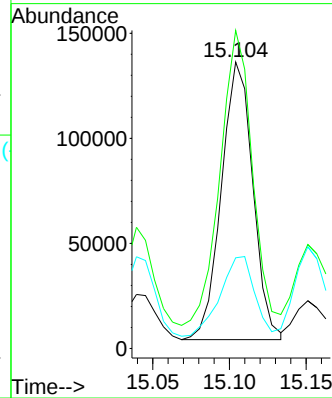
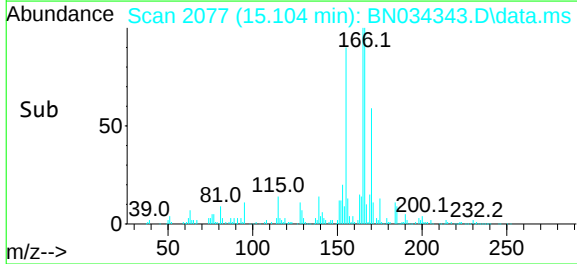
Instrument :
BNA_N
ClientSampleId :
DDC24



Tgt Ion:166 Resp: 188591
Ion Ratio Lower Upper
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165 111.0 81.9 122.9
167 31.7 10.9 16.3#

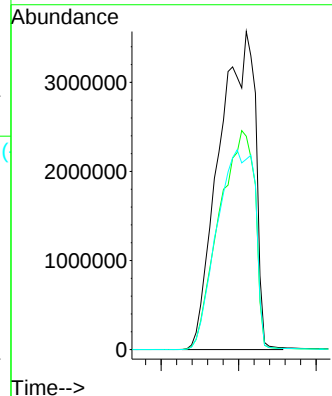
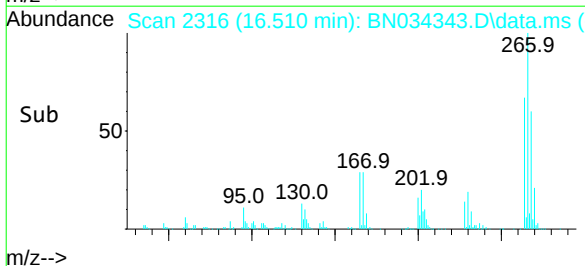
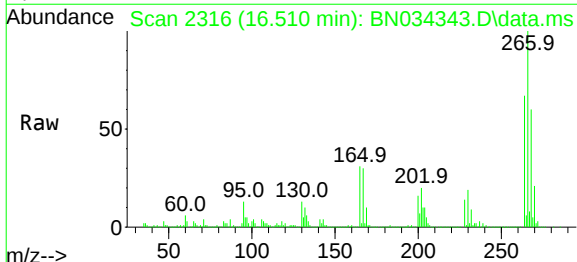
Manual Integrations
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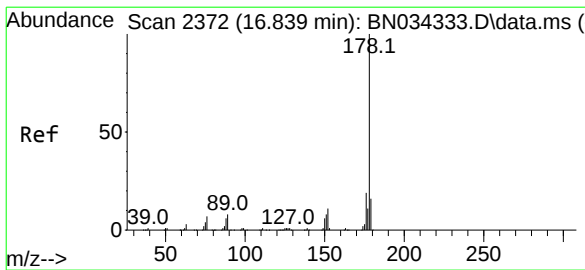
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#71
Pentachlorophenol
Concen: 1174.962 ng/u1 m
RT: 16.510 min Scan# 2316
Delta R.T. 0.053 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

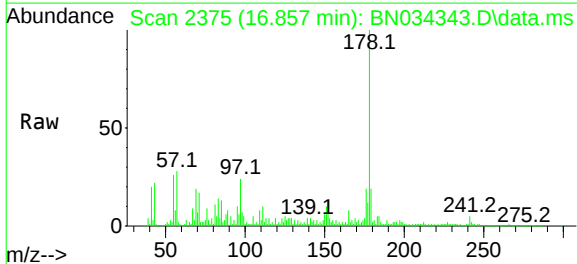
Tgt Ion:266 Resp:11593774
Ion Ratio Lower Upper
266 100
264 67.1 51.1 76.7
268 59.9 52.8 79.2





#72
Phenanthrene
Concen: 11.348 ng/ul
RT: 16.857 min Scan# 2375
Delta R.T. 0.017 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

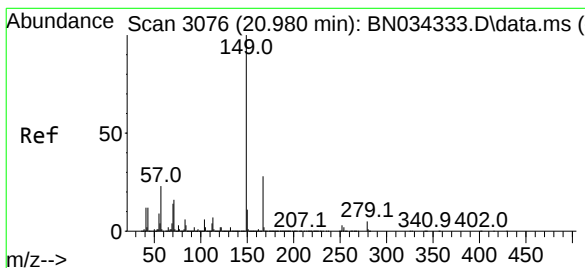
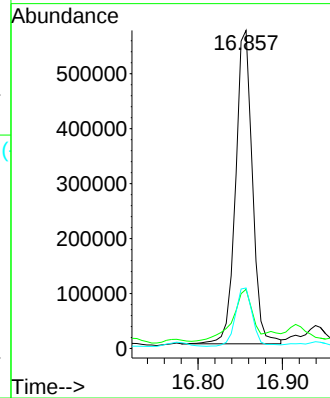
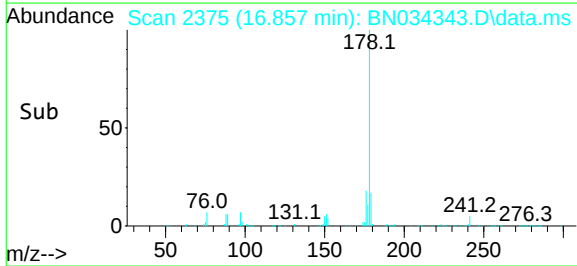
Instrument :
BNA_N
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Tgt Ion:178 Resp: 786520
Ion Ratio Lower Upper
178 100
179 18.6 11.9 17.9#
176 19.0 15.2 22.8

Manual Integrations
APPROVED

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



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.198 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BN034343.D
Acq: 02 Oct 2024 18:55

Tgt Ion:149 Resp: 68287
Ion Ratio Lower Upper
149 100
167 31.7 20.6 31.0#
279 6.5 3.0 4.6#

