

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034285.D
 Acq On : 30 Sep 2024 20:06
 Operator : RC/JU
 Sample : P4019-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC68

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 00:02:18 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	7.399	152	249392	20.000	ng/ul	0.01
20) Naphthalene-d8	10.152	136	938560	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.051	164	631698	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.810	188	1225828	20.000	ng/ul	0.01
79) Chrysene-d12	21.028	240	1197503	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1488281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	17908	2.930	ng/uL	0.00
4) Pyridine-d5	3.393	84	247852	13.644	ng/ul	0.00
7) Phenol-d5	6.605	99	350585	15.839	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	280287	20.410	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	270227	15.510	ng/ul	0.01
15) 4-Methylphenol-d8	8.122	113	268150	14.724	ng/ul	0.02
21) Nitrobenzene-d5	8.540	128	155139	20.738	ng/ul	0.01
24) 2-Nitrophenol-d4	9.252	143	118975	15.466	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.805	165	238122	16.436	ng/ul	0.03
31) 4-Chloroaniline-d4	10.310	131	262353	11.962	ng/ul	0.02
46) Dimethylphthalate-d6	13.475	166	758659	16.070	ng/ul	0.00
49) Acenaphthylene-d8	13.734	160	904766	17.036	ng/ul	0.00
54) 4-Nitrophenol-d4	14.293	143	104434	10.779	ng/ul	0.02
60) Fluorene-d10	15.057	176	681609	17.036	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.187	200	28165	3.854	ng/ul	0.01
73) Anthracene-d10	16.910	188	1024385	17.775	ng/ul	0.01
81) Pyrene-d10	19.210	212	1196584	17.934	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1295873	16.951	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.205	128	1764581	34.372	ng/ul	Qvalue 97
36) 2-Methylnaphthalene	11.834	142	2910125	82.293	ng/ul	98
37) 1-Methylnaphthalene	12.057	142	1772801	49.526	ng/ul	98
43) 1,1'-Biphenyl	12.869	154	356733	7.490	ng/ul	92
52) Acenaphthene	14.110	153	71857	1.732	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.698	232	794502	72.099	ng/ul#	93
61) Fluorene	15.110	166	251948	5.428	ng/ul#	91
71) Pentachlorophenol	16.493	266	4611707m	479.258	ng/ul	
72) Phenanthrene	16.851	178	1217313	18.010	ng/ul	97
80) Fluoranthene	18.875	202	134611	1.726	ng/ul#	81
82) Pyrene	19.239	202	138321	1.650	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	20.980	149	168377	3.059	ng/ul#	83

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

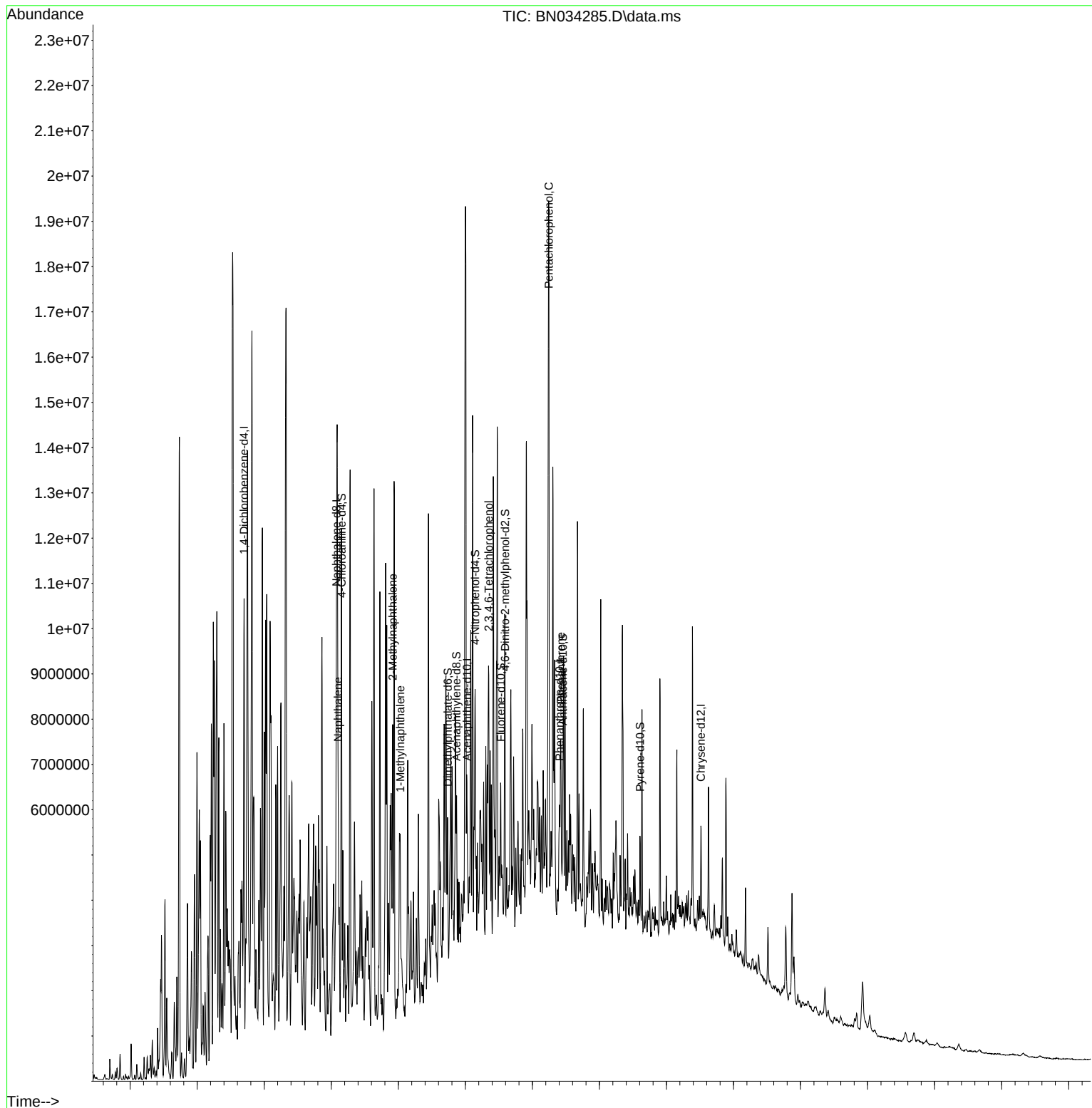
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034285.D
Acq On : 30 Sep 2024 20:06
Operator : RC/JU
Sample : P4019-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

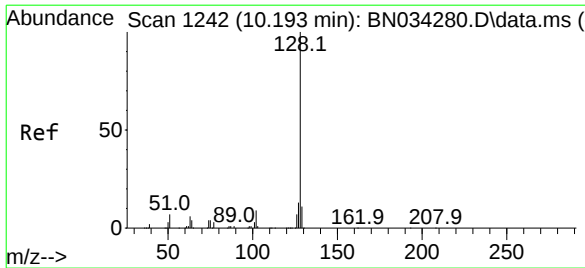
Instrument :
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ClientSampleId :
DDC68

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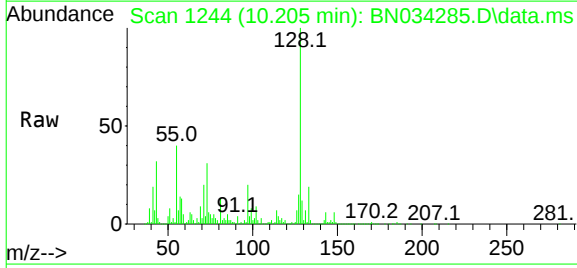
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 34.372 ng/u1
RT: 10.205 min Scan# 1244
Delta R.T. 0.012 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

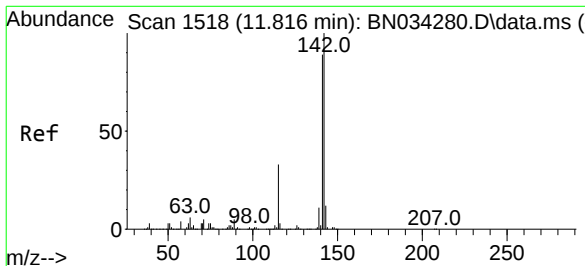
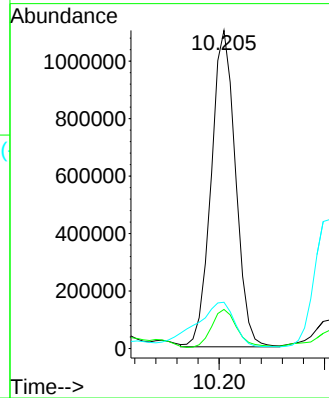
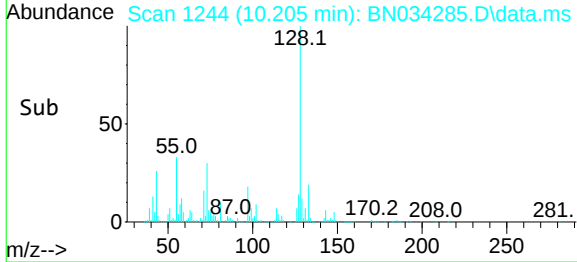
Instrument :
BNA_N
ClientSampleId :
DDC68



Tgt Ion:128 Resp: 1764581
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.5 10.6 16.0

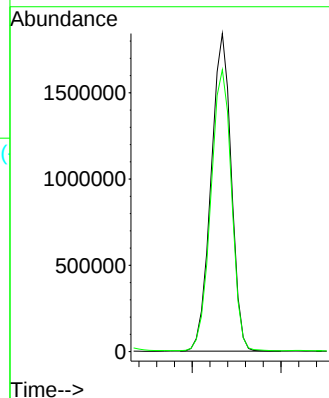
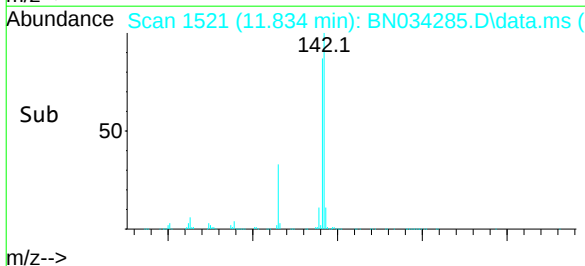
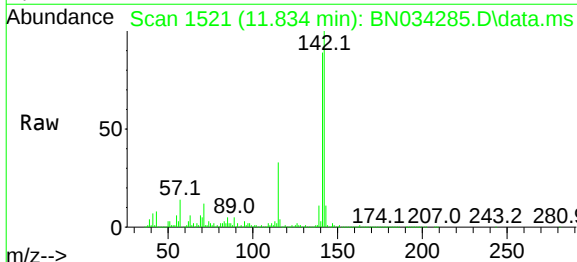
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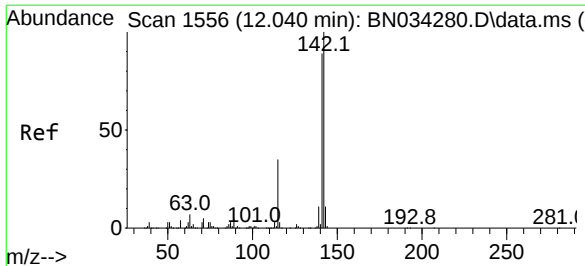
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#36
2-Methylnaphthalene
Concen: 82.293 ng/u1
RT: 11.834 min Scan# 1521
Delta R.T. 0.018 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

Tgt Ion:142 Resp: 2910125
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





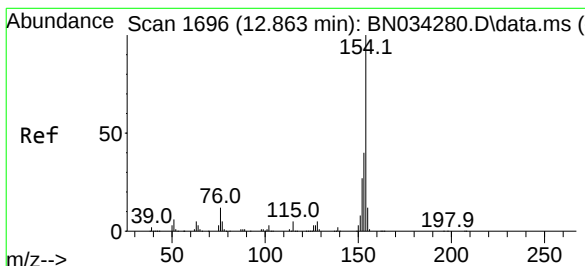
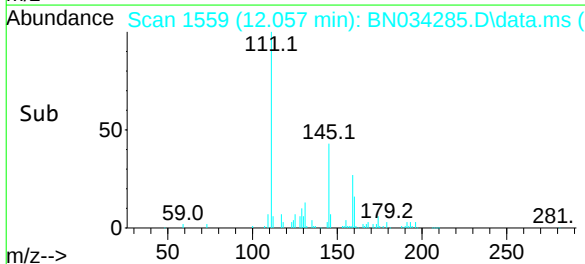
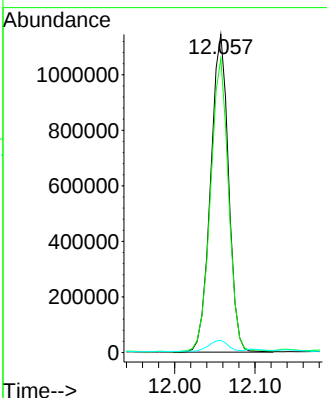
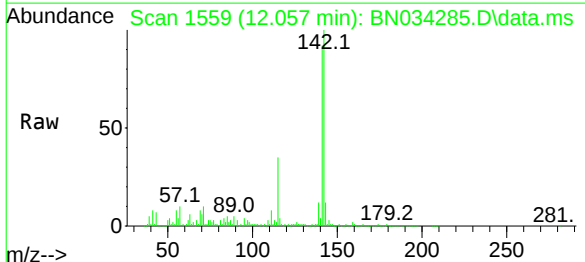
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1-Methylnaphthalene
Concen: 49.526 ng/u1
RT: 12.057 min Scan# 1556
Delta R.T. 0.018 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

Instrument :
BNA_N
ClientSampleId :
DDC68

Tgt Ion:142 Resp: 1772801
Ion Ratio Lower Upper
142 100
141 92.4 72.5 108.7
116 3.8 3.2 4.8

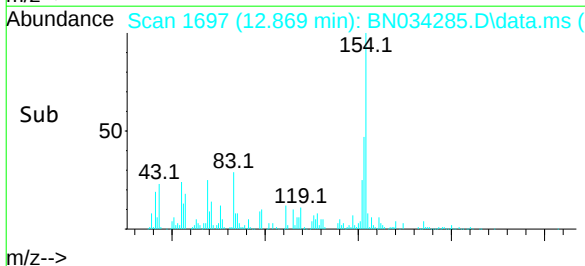
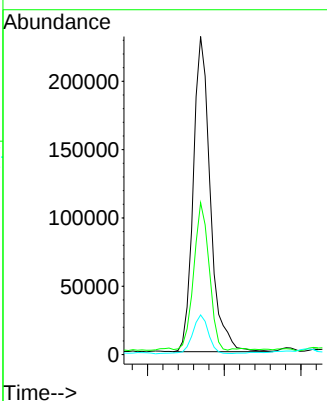
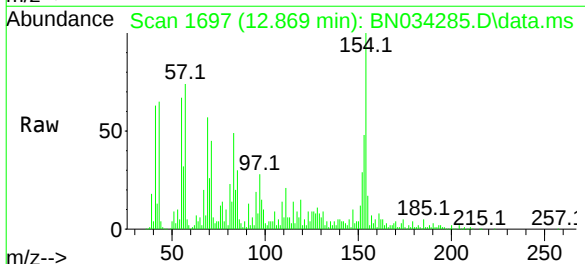
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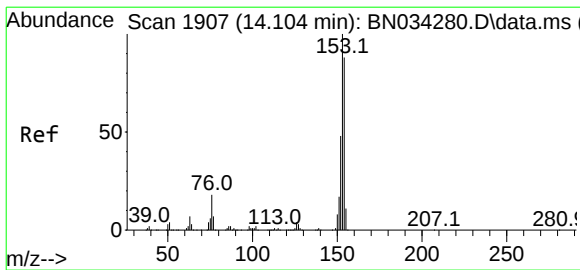
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#43
1,1'-Biphenyl
Concen: 7.490 ng/u1
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

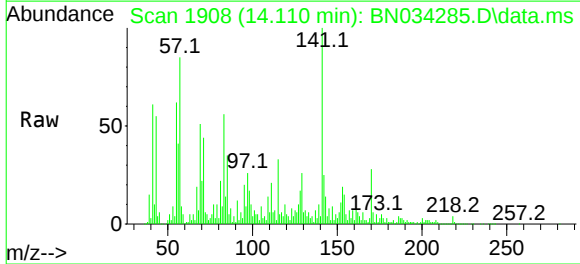
Tgt Ion:154 Resp: 356733
Ion Ratio Lower Upper
154 100
153 47.8 33.3 49.9
76 12.5 10.2 15.4





#52
Acenaphthene
Concen: 1.732 ng/u1
RT: 14.110 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

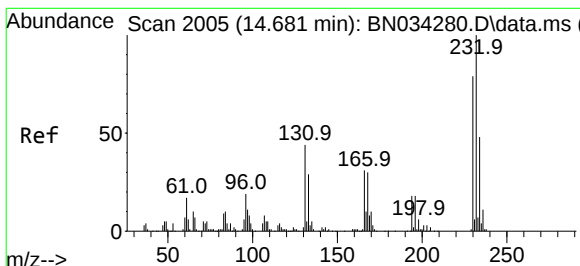
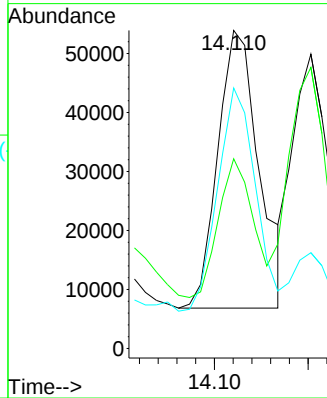
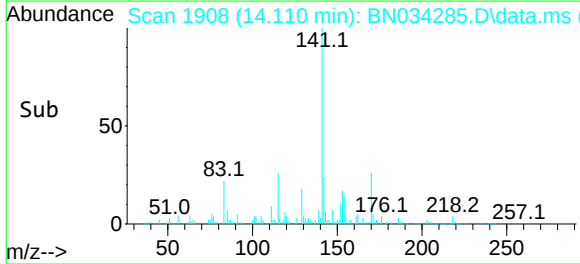
Instrument :
BNA_N
ClientSampleId :
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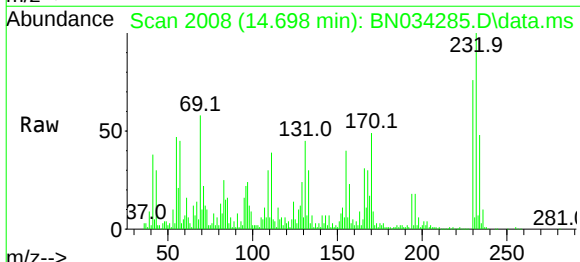
Tgt Ion:153 Resp: 71857
Ion Ratio Lower Upper
153 100
152 59.7 37.8 56.8#
154 81.9 71.2 106.8

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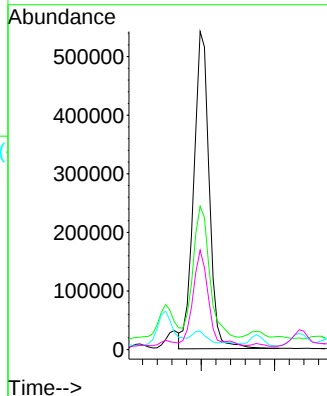
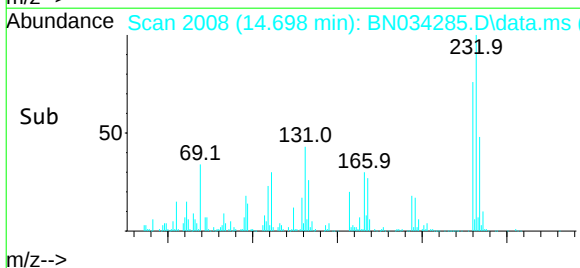
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

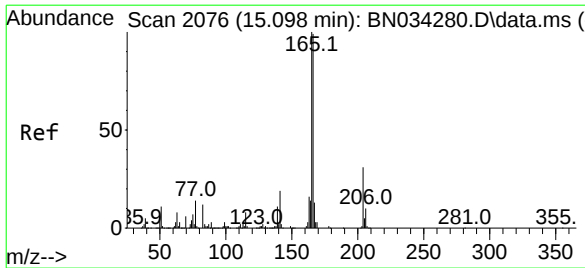


#58
2,3,4,6-Tetrachlorophenol
Concen: 72.099 ng/u1
RT: 14.698 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06



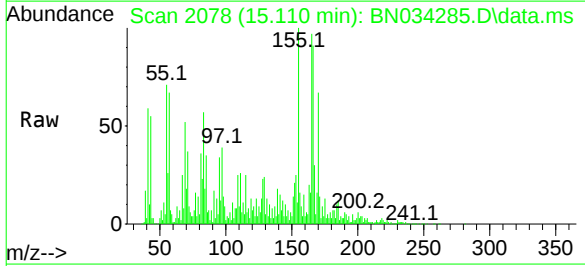
Tgt Ion:232 Resp: 794502
Ion Ratio Lower Upper
232 100
131 45.1 41.0 61.6
130 5.8 2.2 3.2#
166 31.3 27.1 40.7





#61
Fluorene
Concen: 5.428 ng/u1
RT: 15.110 min Scan# 2076
Delta R.T. 0.012 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

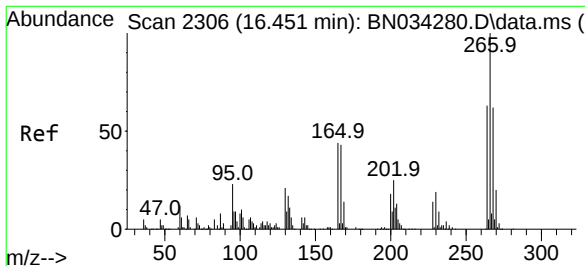
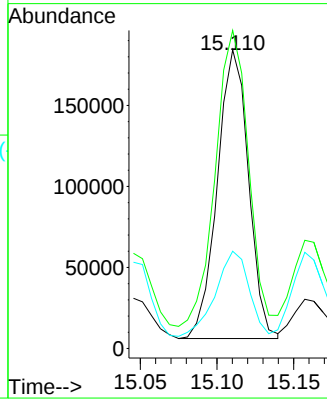
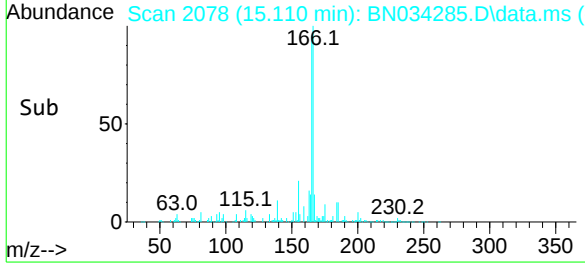
Instrument :
BNA_N
ClientSampleId :
DDC68



Tgt Ion:166 Resp: 251948
Ion Ratio Lower Upper
166 100
165 106.5 81.9 122.9
167 32.6 10.9 16.3#

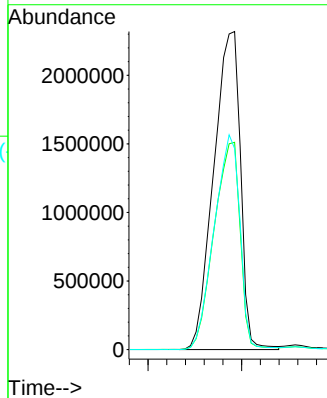
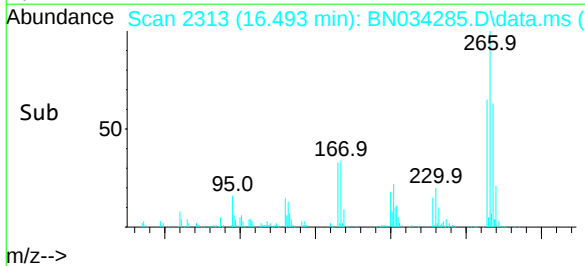
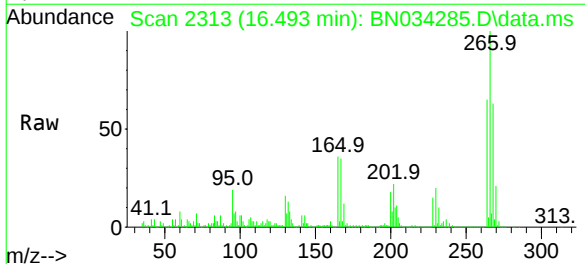
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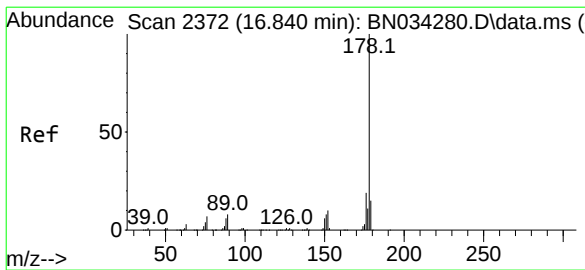
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#71
Pentachlorophenol
Concen: 479.258 ng/u1 m
RT: 16.493 min Scan# 2313
Delta R.T. 0.035 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

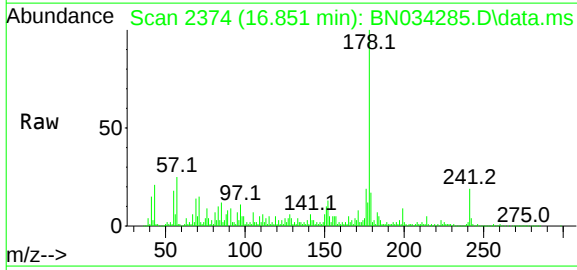
Tgt Ion:266 Resp: 4611707
Ion Ratio Lower Upper
266 100
264 65.2 51.1 76.7
268 63.2 52.8 79.2





#72
Phenanthrene
Concen: 18.010 ng/u1
RT: 16.851 min Scan# 2374
Delta R.T. 0.012 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

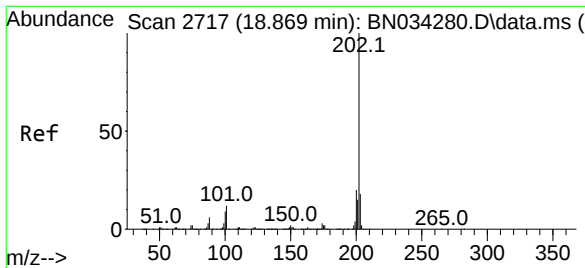
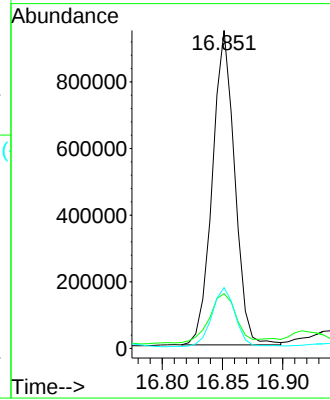
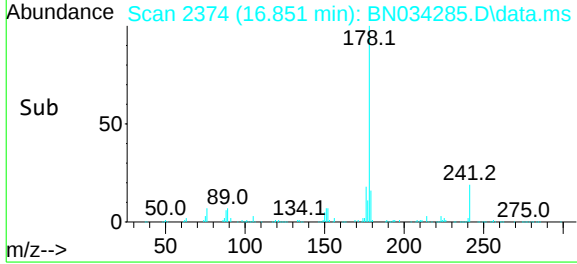
Instrument :
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DDC68



Tgt Ion:178 Resp: 1217313
Ion Ratio Lower Upper
178 100
179 17.2 11.9 17.9
176 19.1 15.2 22.8

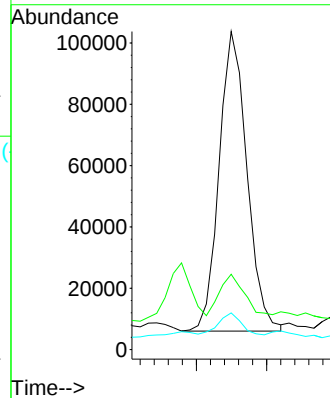
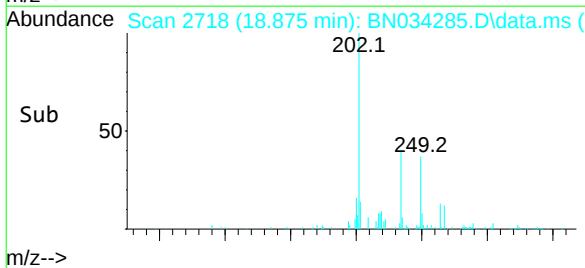
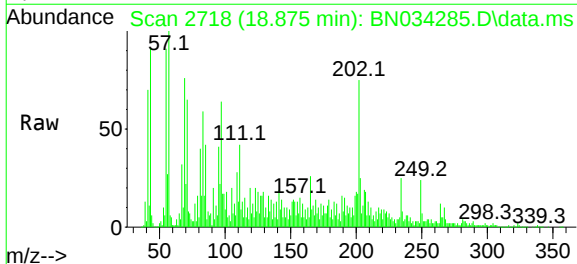
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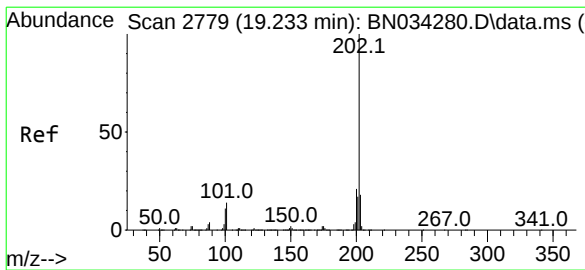
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#80
Fluoranthene
Concen: 1.726 ng/u1
RT: 18.875 min Scan# 2718
Delta R.T. 0.006 min
Lab File: BN034285.D
Acq: 30 Sep 2024 20:06

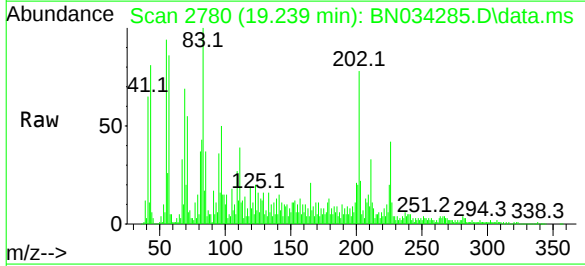
Tgt Ion:202 Resp: 134611
Ion Ratio Lower Upper
202 100
101 23.7 9.6 14.4#
100 11.5 7.7 11.5#





#82
Pyrene
 Concen: 1.650 ng/u1
 RT: 19.239 min Scan# 2779
 Delta R.T. 0.000 min
 Lab File: BN034285.D
 Acq: 30 Sep 2024 20:06

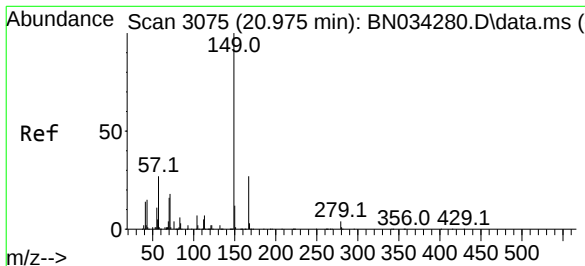
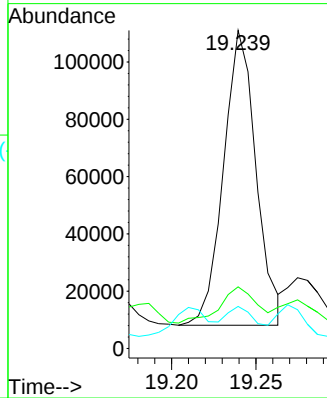
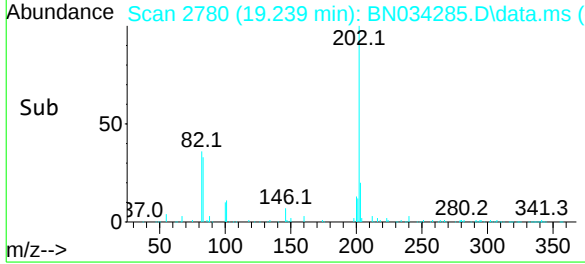
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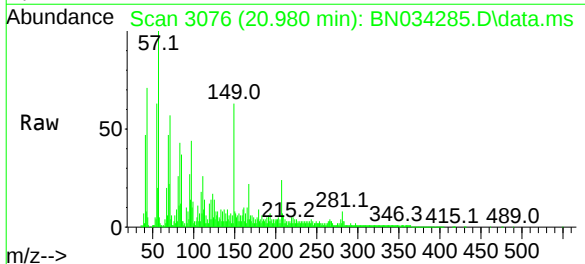
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Ion Ratio	Lower	Upper	
202	100		
101	19.4	11.8	17.8#
100	13.2	10.0	15.0#

Manual Integrations
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 Supervised By :mohammad ahmed 10/02/2024



#86
Bis(2-ethylhexyl)phthalate
 Concen: 3.059 ng/u1
 RT: 20.980 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BN034285.D
 Acq: 30 Sep 2024 20:06



Tgt Ion:	149	Resp:	168377
Ion Ratio	Lower	Upper	
149	100		
167	35.2	20.6	31.0#
279	6.7	3.0	4.6#

