

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034283.D
 Acq On : 30 Sep 2024 18:47
 Operator : RC/JU
 Sample : P4019-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC38

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 23:52:56 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	7.398	152	221722	20.000	ng/ul	0.01
20) Naphthalene-d8	10.151	136	823950	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.045	164	556811	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	1109248	20.000	ng/ul	0.03
79) Chrysene-d12	21.027	240	1072052	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1230421	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.010	96	3922	0.722	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.604	99	83054	4.221	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	77384	6.338	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	51715	3.339	ng/ul	0.01
15) 4-Methylphenol-d8	8.122	113	7285	0.450	ng/ul	0.02
21) Nitrobenzene-d5	8.540	128	28529	4.344	ng/ul	0.01
24) 2-Nitrophenol-d4	9.251	143	29385	4.351	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.798	165	46685	3.671	ng/ul	0.02
31) 4-Chloroaniline-d4	10.275	131	255224	13.255	ng/ul	-0.02
46) Dimethylphthalate-d6	13.475	166	199419	4.792	ng/ul	0.00
49) Acenaphthylene-d8	13.733	160	211978	4.528	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	87338	10.227	ng/ul	0.02
60) Fluorene-d10	15.057	176	181179	5.137	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.192	200	23527	3.557	ng/ul	0.02
73) Anthracene-d10	16.916	188	281048m	5.389	ng/ul	0.02
81) Pyrene-d10	19.210	212	253080	4.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	170882	2.704	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.204	128	1494365	33.157	ng/ul	98
36) 2-Methylnaphthalene	11.828	142	2234824	71.988	ng/ul	99
37) 1-Methylnaphthalene	12.051	142	1354394	43.100	ng/ul	99
41) 2,4,6-Trichlorophenol	12.469	196	25082	2.354	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	41092	3.510	ng/ul	99
43) 1,1'-Biphenyl	12.869	154	274479	6.538	ng/ul#	86
52) Acenaphthene	14.110	153	73956	2.022	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.704	232	2855886	294.018	ng/ul	93
61) Fluorene	15.110	166	202851	4.958	ng/ul#	89
71) Pentachlorophenol	16.522	266	18403379m	2113.519	ng/ul	
72) Phenanthrene	16.863	178	867138	14.177	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	20.974	149	119449	2.424	ng/ul#	84

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

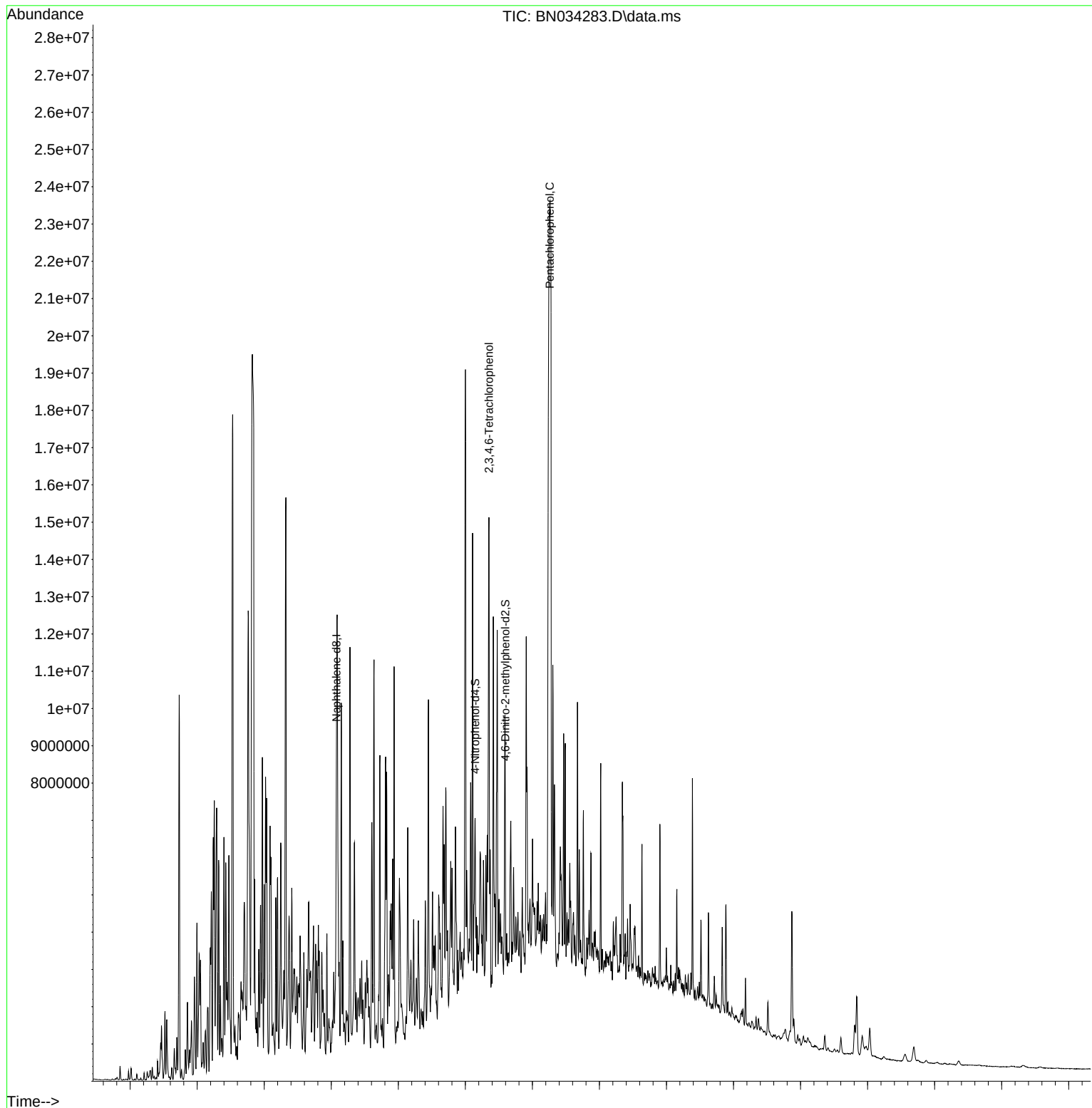
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

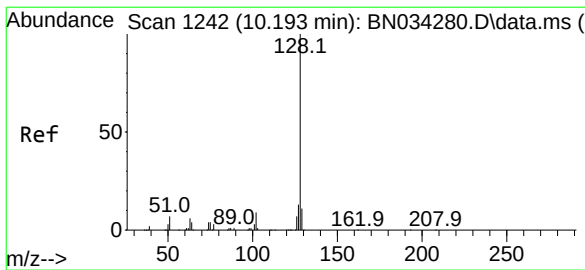
Instrument :
BNA_N
ClientSampleId :
DDC38

Manual Integrations
APPROVED

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

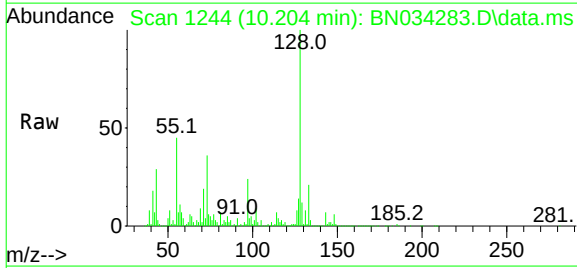
Quant Time: Sep 30 23:52:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 33.157 ng/u1
RT: 10.204 min Scan# 1244
Delta R.T. 0.011 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

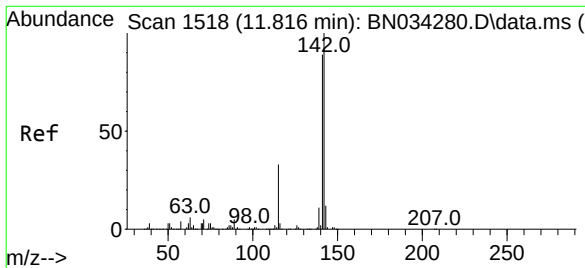
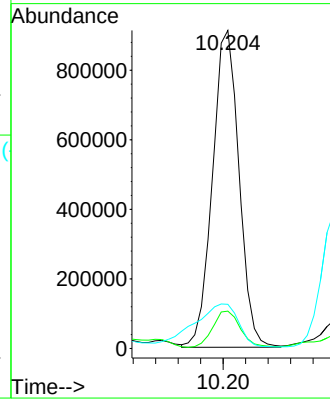
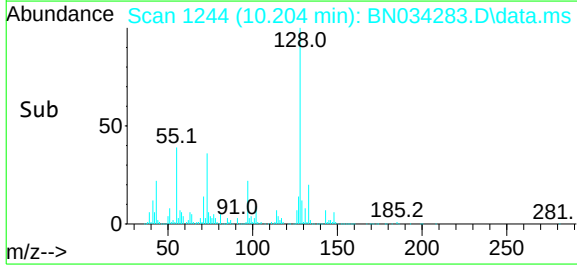
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:128 Resp: 1494365
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.9 10.6 16.0

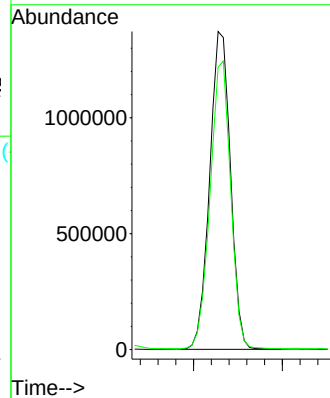
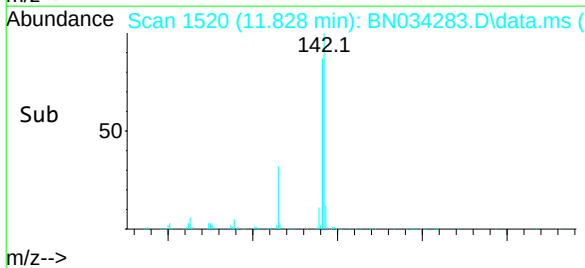
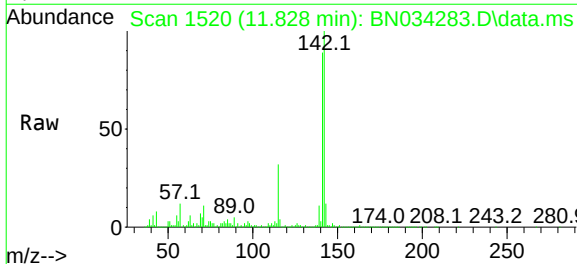
Manual Integrations
APPROVED

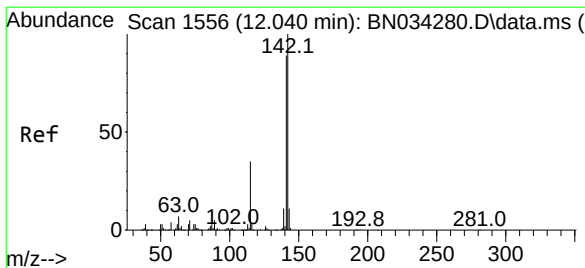
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#36
2-Methylnaphthalene
Concen: 71.988 ng/u1
RT: 11.828 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

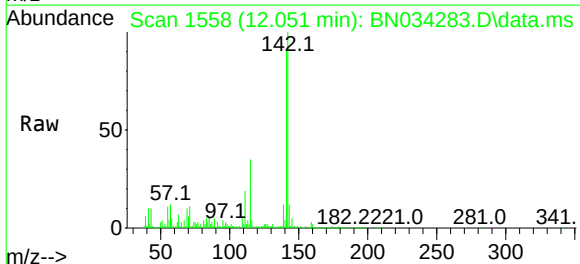
Tgt Ion:142 Resp: 2234824
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#37
1-Methylnaphthalene
Concen: 43.100 ng/u1
RT: 12.051 min Scan# 1558
Delta R.T. 0.012 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

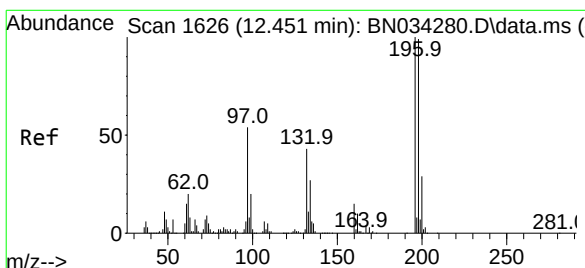
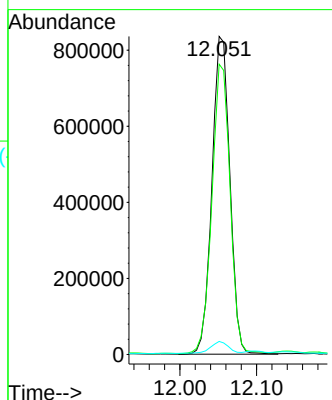
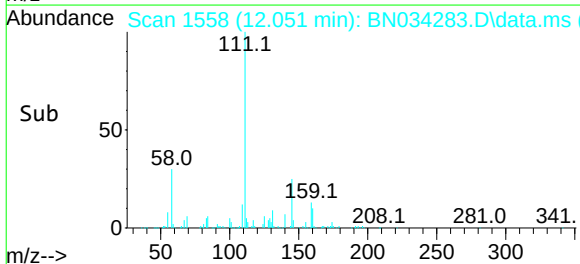
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:142 Resp: 1354394
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7
116 4.1 3.2 4.8

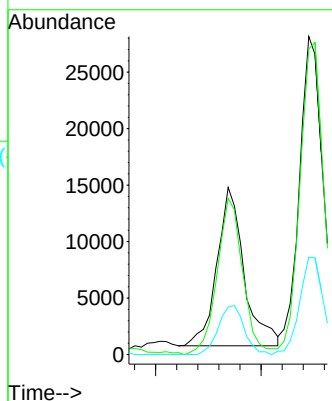
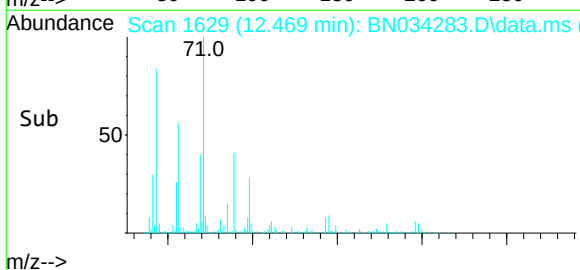
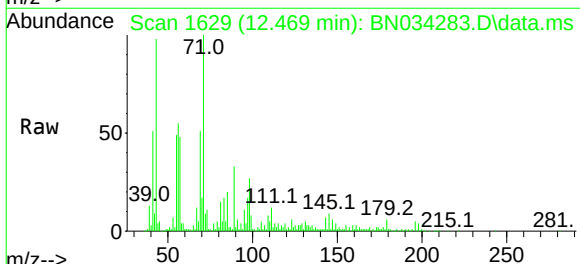
Manual Integrations
APPROVED

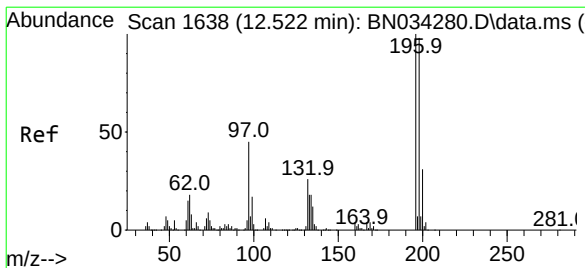
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#41
2,4,6-Trichlorophenol
Concen: 2.354 ng/u1
RT: 12.469 min Scan# 1629
Delta R.T. 0.017 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

Tgt Ion:196 Resp: 25082
Ion Ratio Lower Upper
196 100
198 93.4 75.0 112.4
200 28.5 24.7 37.1





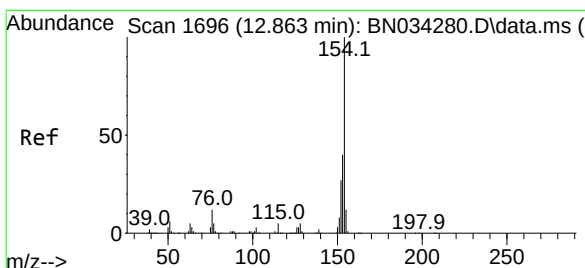
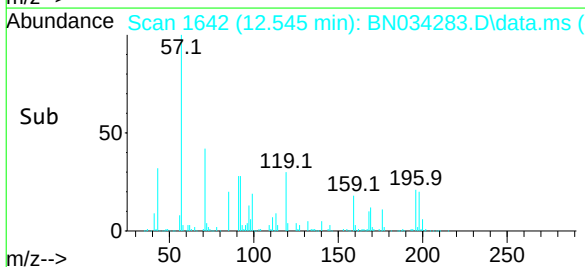
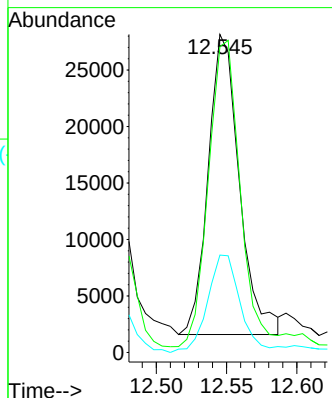
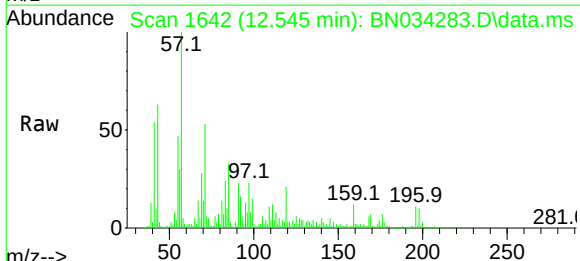
#42
2,4,5-Trichlorophenol
Concen: 3.510 ng/u1
RT: 12.545 min Scan# 1638
Delta R.T. 0.023 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

Instrument :
BNA_N
ClientSampleId :
DDC38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.1	115.7
200	30.6	25.2	37.8

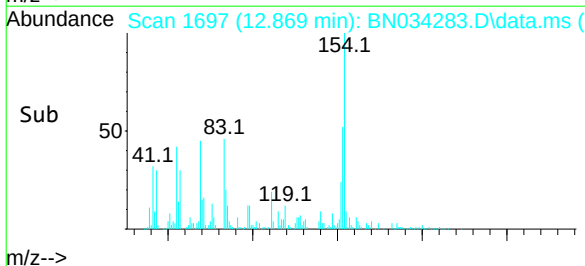
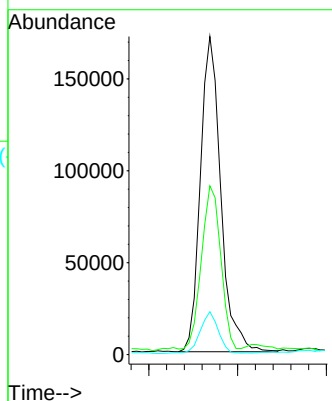
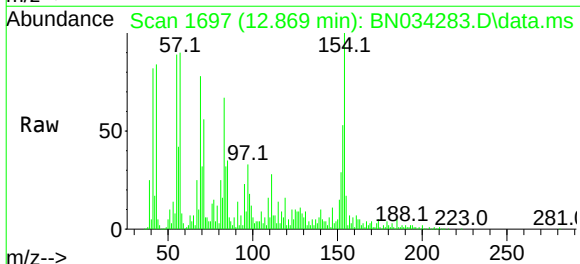
Manual Integrations
APPROVED

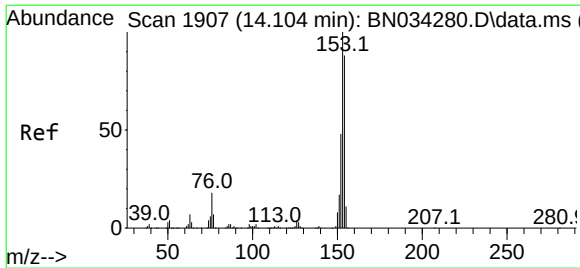
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#43
1,1'-Biphenyl
Concen: 6.538 ng/u1
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

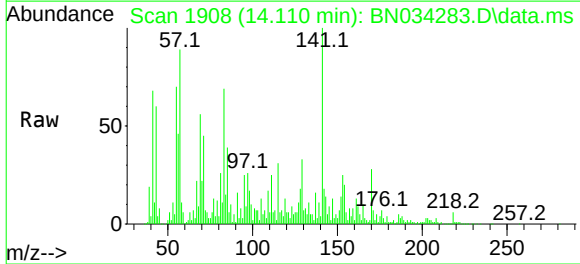
Tgt Ion	Ratio	Lower	Upper
154	100		
153	53.1	33.3	49.9
76	13.5	10.2	15.4





#52
Acenaphthene
Concen: 2.022 ng/ul
RT: 14.110 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

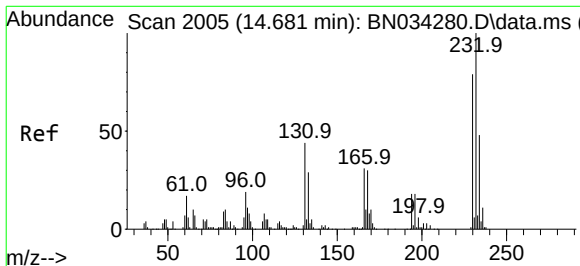
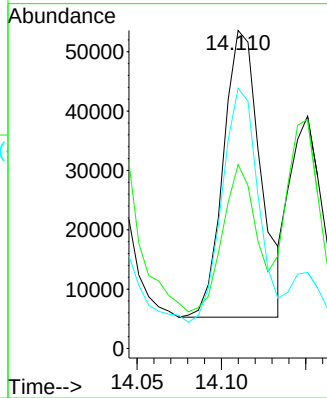
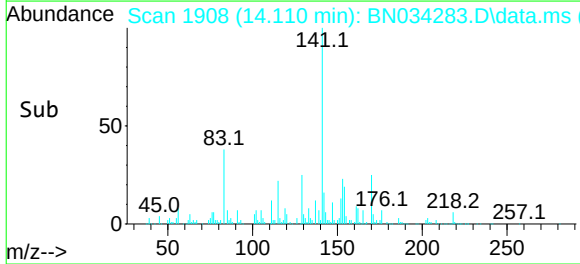
Instrument :
BNA_N
ClientSampleId :
DDC38



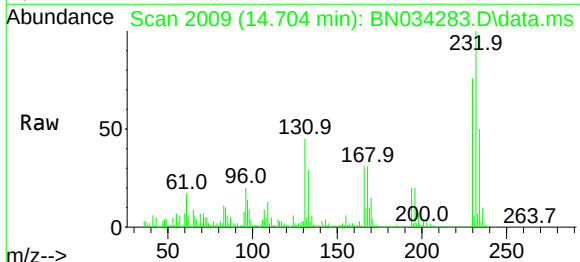
Tgt Ion:	153	Resp:	73956
Ion Ratio	Lower	Upper	
153	100		
152	57.8	37.8	56.8
154	81.9	71.2	106.8

Manual Integrations
APPROVED

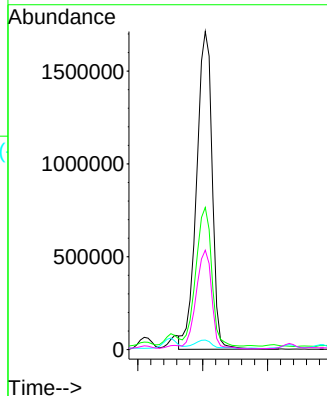
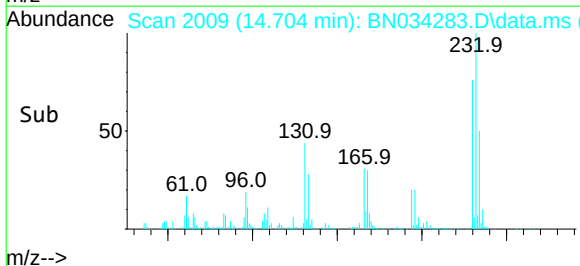
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

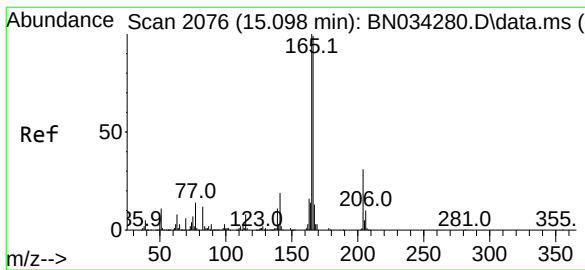


#58
2,3,4,6-Tetrachlorophenol
Concen: 294.018 ng/ul
RT: 14.704 min Scan# 2009
Delta R.T. 0.023 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47



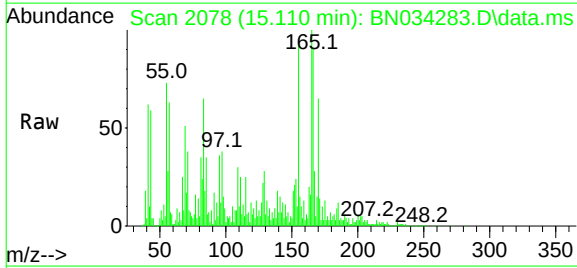
Tgt Ion:	232	Resp:	2855886
Ion Ratio	Lower	Upper	
232	100		
131	44.7	41.0	61.6
130	3.0	2.2	3.2
166	31.2	27.1	40.7





#61
 Fluorene
 Concen: 4.958 ng/u1
 RT: 15.110 min Scan# 2076
 Delta R.T. 0.011 min
 Lab File: BN034283.D
 Acq: 30 Sep 2024 18:47

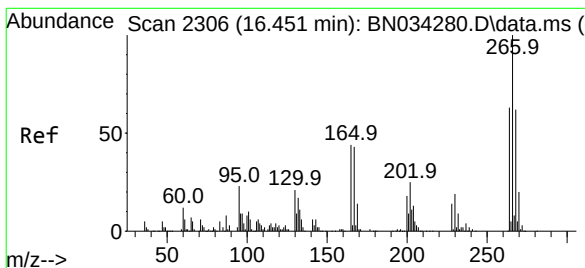
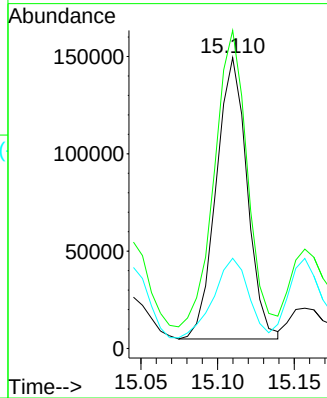
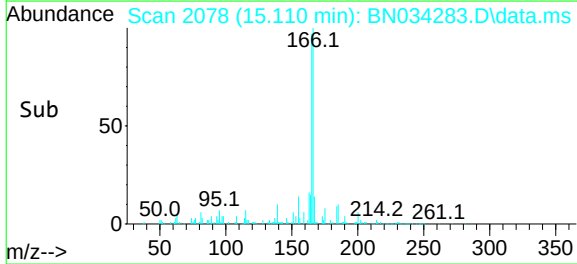
Instrument :
 BNA_N
 ClientSampleId :
 DDC38



Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.4	81.9	122.9
167	31.0	10.9	16.3

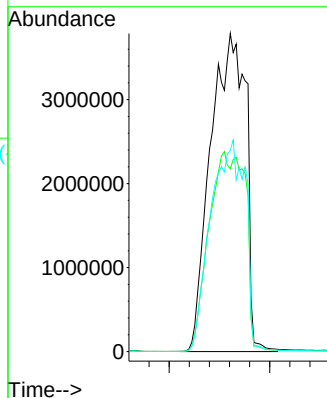
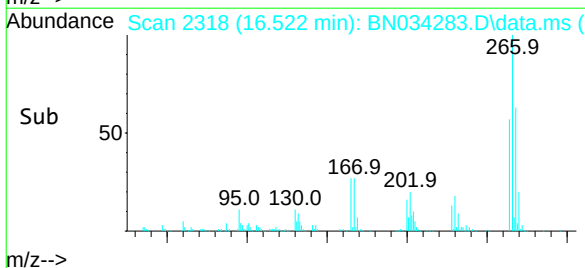
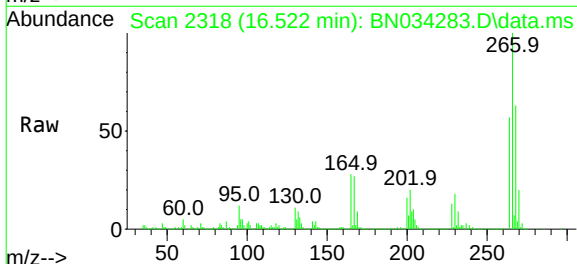
Manual Integrations
 APPROVED

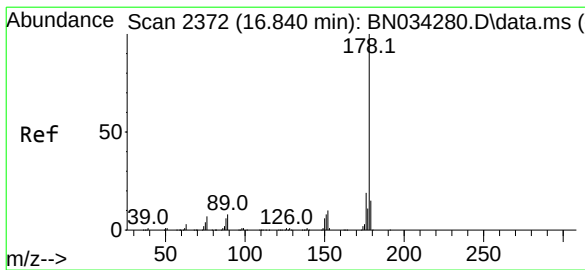
Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024



#71
 Pentachlorophenol
 Concen: 2113.519 ng/u1 m
 RT: 16.522 min Scan# 2318
 Delta R.T. 0.064 min
 Lab File: BN034283.D
 Acq: 30 Sep 2024 18:47

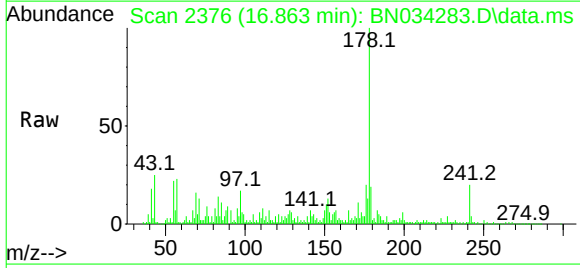
Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.5	51.1	76.7
268	63.3	52.8	79.2





#72
Phenanthrene
Concen: 14.177 ng/ul
RT: 16.863 min Scan# 2376
Delta R.T. 0.023 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

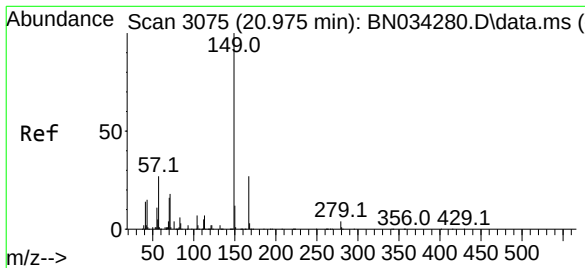
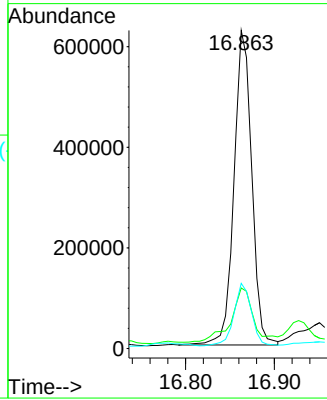
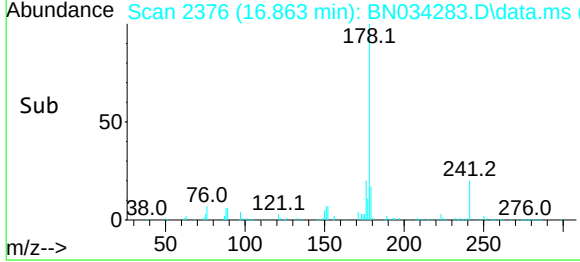
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:	178	Resp:	867138
Ion Ratio	Lower	Upper	
178	100		
179	19.0	11.9	17.9#
176	20.5	15.2	22.8#

Manual Integrations
APPROVED

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



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.424 ng/ul
RT: 20.974 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BN034283.D
Acq: 30 Sep 2024 18:47

Tgt Ion:	149	Resp:	119449
Ion Ratio	Lower	Upper	
149	100		
167	34.7	20.6	31.0#
279	6.9	3.0	4.6#

