

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033867.D
 Acq On : 11 Sep 2024 18:53
 Operator : JU/RC
 Sample : P3878-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC05

Manual Integrations
 APPROVED

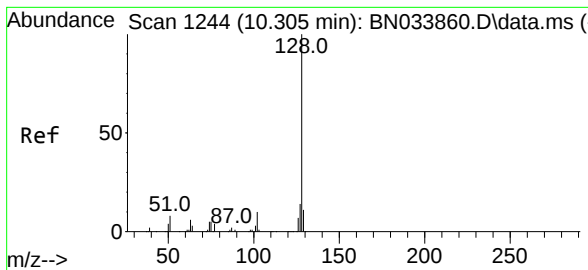
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 03:07:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

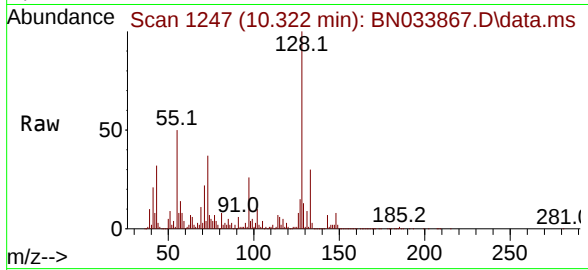
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	311190	20.000	ng/u1	0.01
20) Naphthalene-d8	10.269	136	1317863	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.157	164	962754	20.000	ng/u1	0.02
64) Phenanthrene-d10	16.940	188	1951148	20.000	ng/u1	0.04
79) Chrysene-d12	21.133	240	1876900	20.000	ng/u1	0.00
88) Perylene-d12	23.922	264	2071816	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	24165	3.169	ng/uL	0.00
4) Pyridine-d5	3.511	84	387094	17.077	ng/u1	0.00
7) Phenol-d5	6.722	99	627726	22.729	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.858	67	412089	24.049	ng/u1	0.00
11) 2-Chlorophenol-d4	7.058	132	499208	22.963	ng/u1	0.02
15) 4-Methylphenol-d8	8.234	113	488119	21.479	ng/u1	0.02
21) Nitrobenzene-d5	8.652	128	266681	25.388	ng/u1	0.01
24) 2-Nitrophenol-d4	9.363	143	259090	23.986	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.916	165	496438	24.404	ng/u1	0.03
31) 4-Chloroaniline-d4	10.393	131	792923	25.747	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	1448357	20.130	ng/u1	0.01
49) Acenaphthylene-d8	13.846	160	1713996	21.176	ng/u1	0.02
54) 4-Nitrophenol-d4	14.398	143	307487	20.824	ng/u1	0.04
60) Fluorene-d10	15.157	176	1341289	21.996	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.316	200	70155	6.030	ng/u1	0.05
73) Anthracene-d10	17.028	188	1996804	21.768	ng/u1	0.04
81) Pyrene-d10	19.310	212	2320275	22.187	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.733	264	2352456	22.105	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.322	128	2326039	32.268	ng/u1	96
36) 2-Methylnaphthalene	11.946	142	3790586	76.340	ng/u1	98
37) 1-Methylnaphthalene	12.169	142	2257542	44.916	ng/u1	98
41) 2,4,6-Trichlorophenol	12.587	196	51702	2.806	ng/u1	93
42) 2,4,5-Trichlorophenol	12.663	196	55146	2.725	ng/u1	97
43) 1,1'-Biphenyl	12.975	154	465200	6.409	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.816	232	6969967	415.008	ng/u1#	89
61) Fluorene	15.210	166	369762	5.227	ng/u1#	89
71) Pentachlorophenol	16.604	266	34570993m	2257.142	ng/u1	
72) Phenanthrene	16.975	178	1457631	13.549	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.075	149	118855	1.378	ng/u1#	88

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



#30
Naphthalene
Concen: 32.268 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. 0.012 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

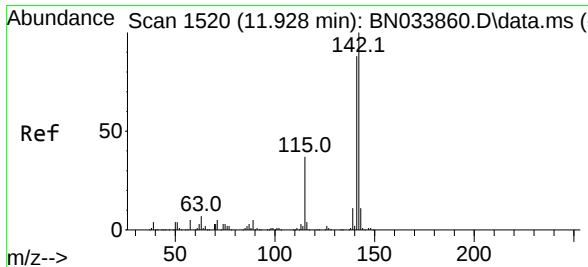
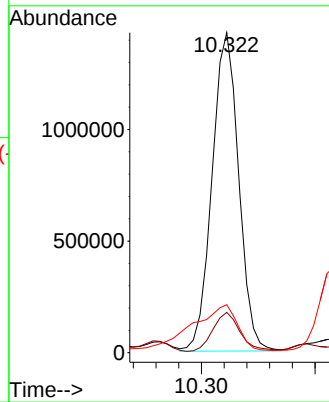
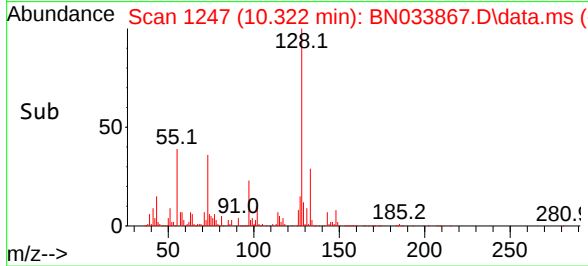
Instrument :
BNA_N
ClientSampleId :
DDC05



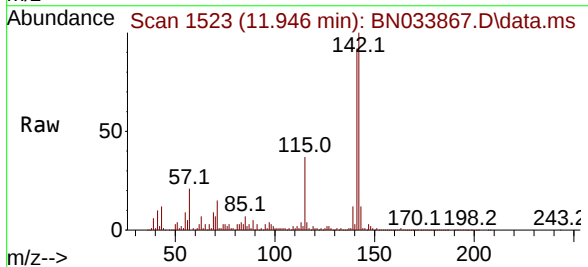
Tgt Ion:128 Resp: 2326039
Ion Ratio Lower Upper
128 100
129 12.6 8.7 13.1
127 15.0 10.6 16.0

Manual Integrations
APPROVED

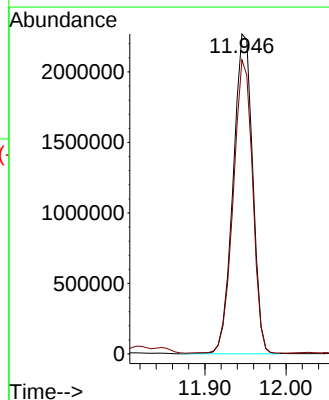
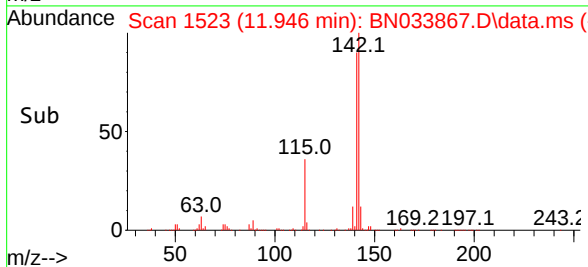
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

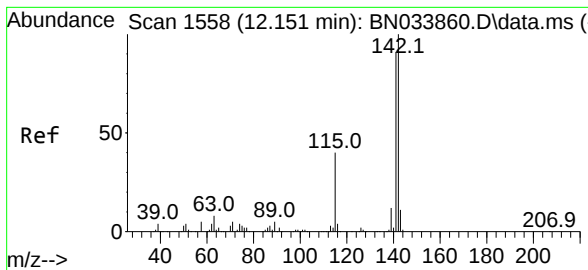


#36
2-Methylnaphthalene
Concen: 76.340 ng/ul
RT: 11.946 min Scan# 1523
Delta R.T. 0.018 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53



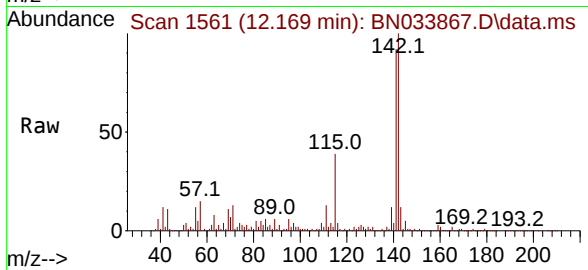
Tgt Ion:142 Resp: 3790586
Ion Ratio Lower Upper
142 100
141 91.9 72.2 108.2





#37
1-Methylnaphthalene
Concen: 44.916 ng/ul
RT: 12.169 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

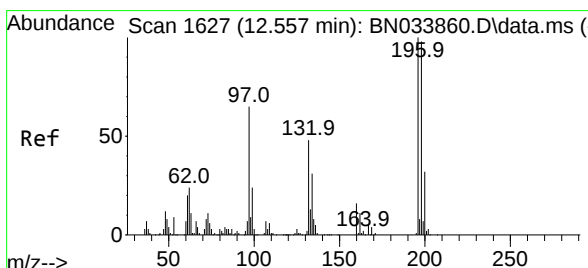
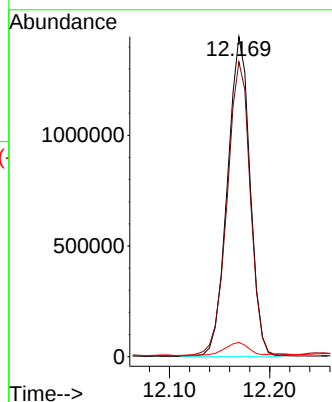
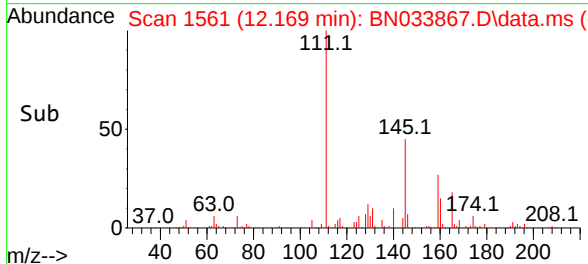
Instrument :
BNA_N
ClientSampleId :
DDC05



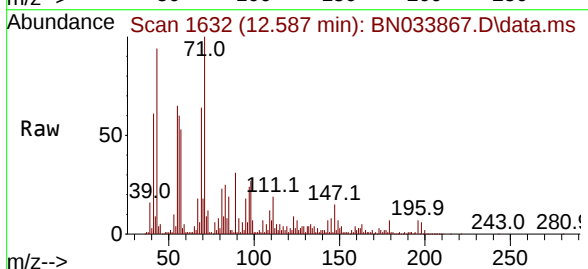
Tgt Ion:142 Resp: 225754
Ion Ratio Lower Upper
142 100
141 92.2 72.5 108.7
116 4.5 3.2 4.8

Manual Integrations
APPROVED

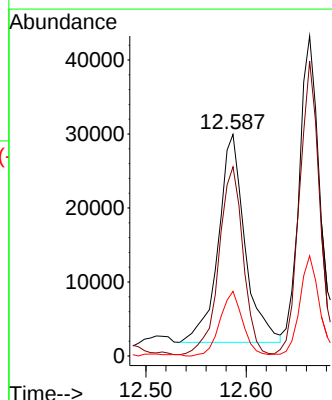
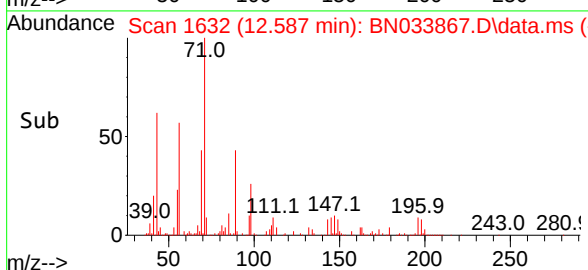
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

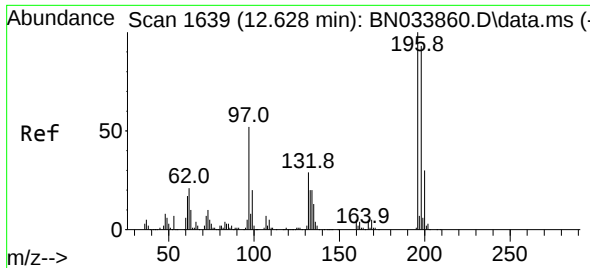


#41
2,4,6-Trichlorophenol
Concen: 2.806 ng/ul
RT: 12.587 min Scan# 1632
Delta R.T. 0.030 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53



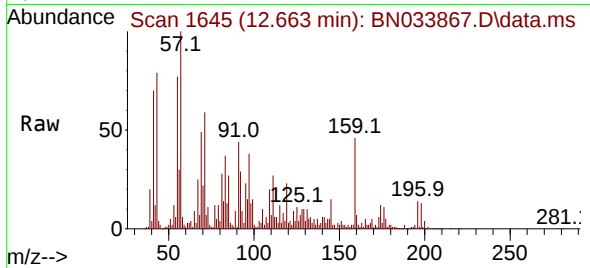
Tgt Ion:196 Resp: 51702
Ion Ratio Lower Upper
196 100
198 85.3 75.0 112.4
200 29.2 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 2.725 ng/ul
RT: 12.663 min Scan# 1645
Delta R.T. 0.036 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

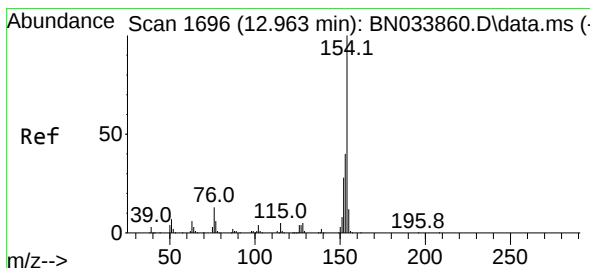
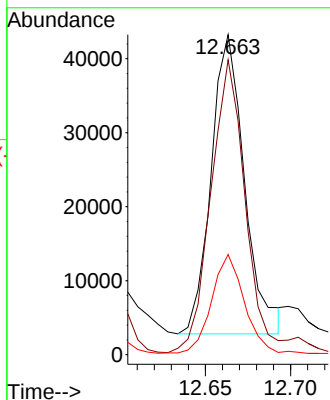
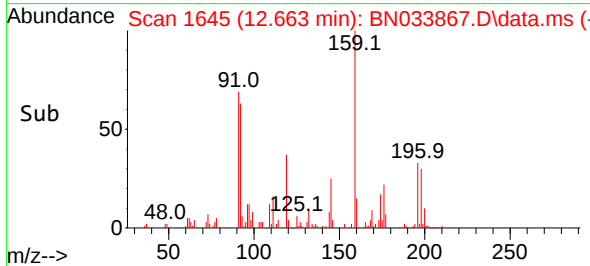
Instrument :
BNA_N
ClientSampleId :
DDC05



Tgt Ion:196 Resp: 55140
Ion Ratio Lower Upper
196 100
198 92.2 77.1 115.7
200 31.3 25.2 37.8

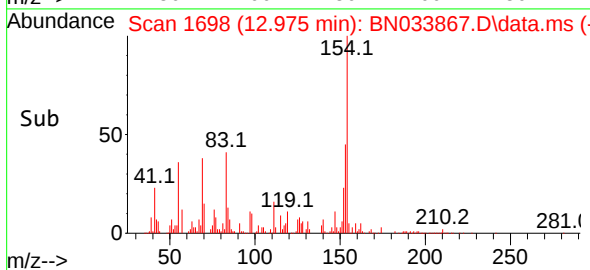
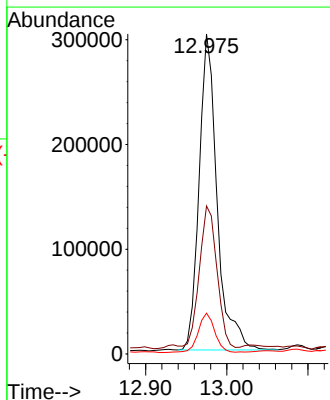
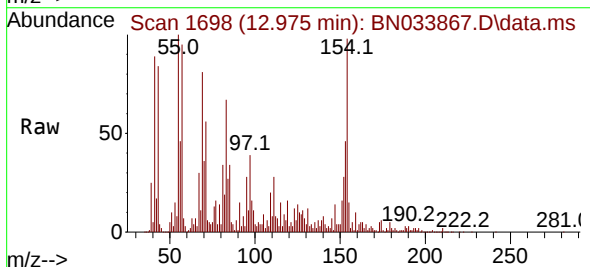
Manual Integrations
APPROVED

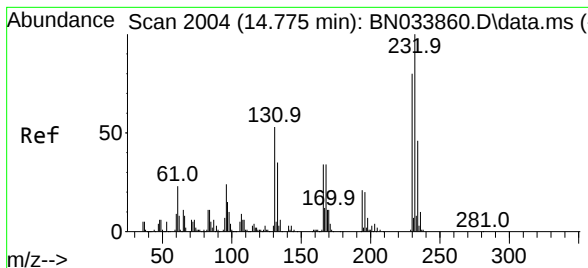
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#43
1,1'-Biphenyl
Concen: 6.409 ng/ul
RT: 12.975 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

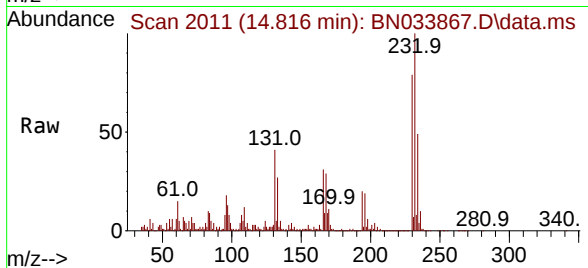
Tgt Ion:154 Resp: 465200
Ion Ratio Lower Upper
154 100
153 46.3 33.3 49.9
76 12.8 10.2 15.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 415.008 ng/ul
RT: 14.816 min Scan# 2004
Delta R.T. 0.041 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

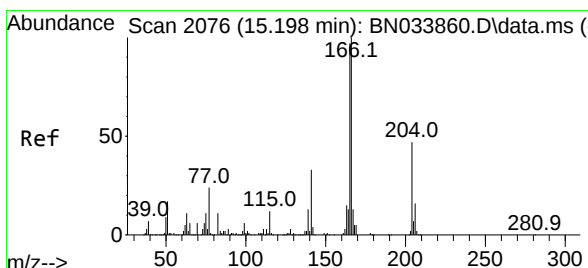
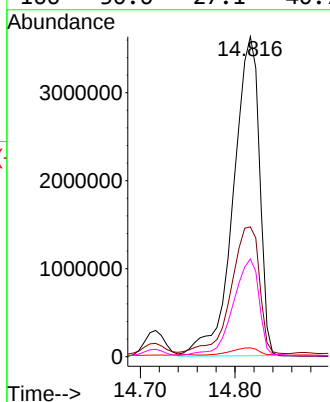
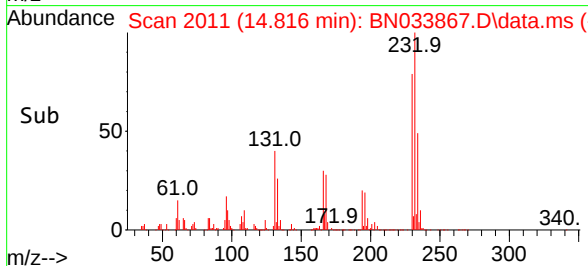
Instrument :
BNA_N
ClientSampleId :
DDC05



Tgt Ion:232 Resp: 696996
Ion Ratio Lower Upper
232 100
131 40.6 41.0 61.6
130 2.7 2.2 3.2
166 30.6 27.1 40.7

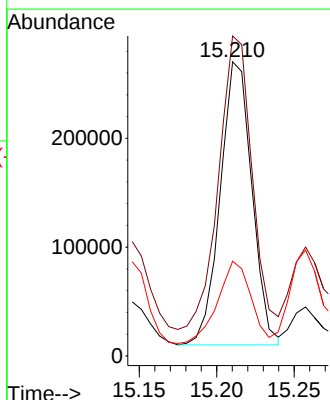
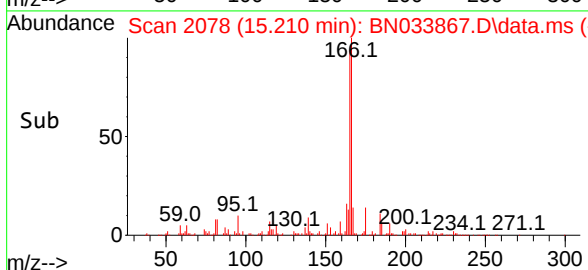
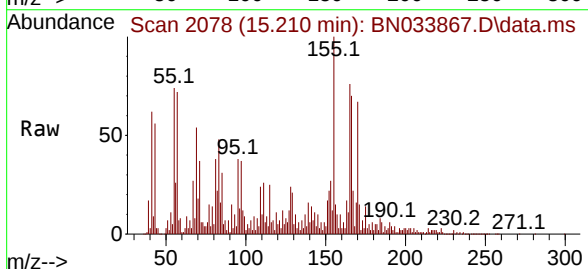
Manual Integrations
APPROVED

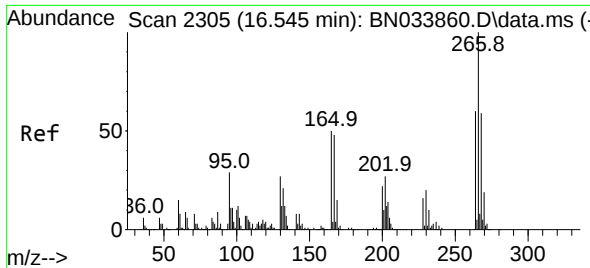
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#61
Fluorene
Concen: 5.227 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. 0.012 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

Tgt Ion:166 Resp: 369762
Ion Ratio Lower Upper
166 100
165 108.7 81.9 122.9
167 32.2 10.9 16.3#





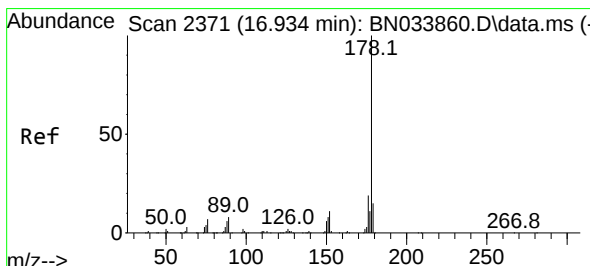
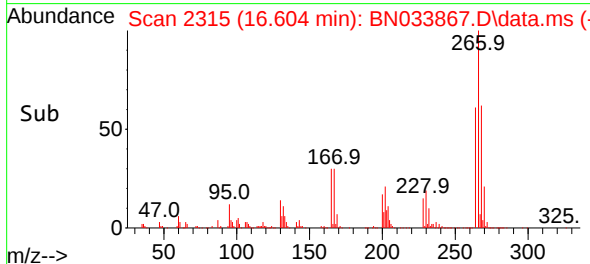
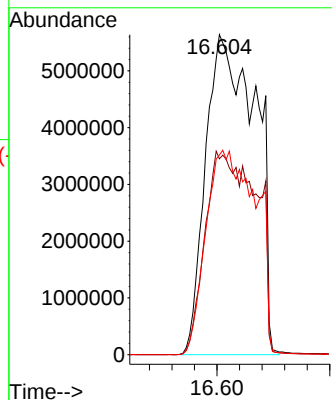
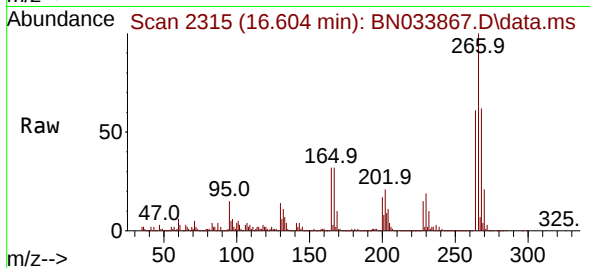
#71
Pentachlorophenol
Concen: 2257.142 ng/ul m
RT: 16.604 min Scan# 21
Delta R.T. 0.053 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

Instrument :
BNA_N
ClientSampleId :
DDC05

Tgt Ion:266 Resp:3457099
Ion Ratio Lower Upper
266 100
264 61.2 51.1 76.7
268 62.4 52.8 79.2

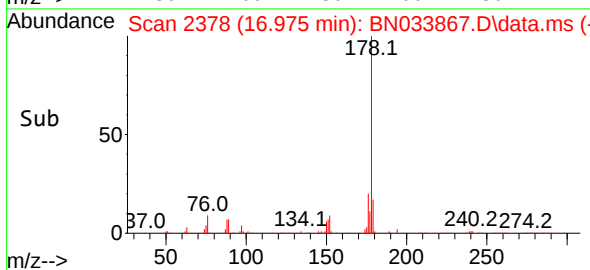
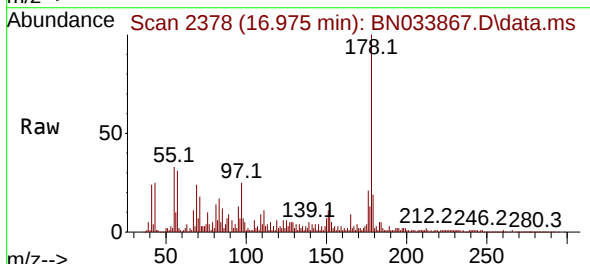
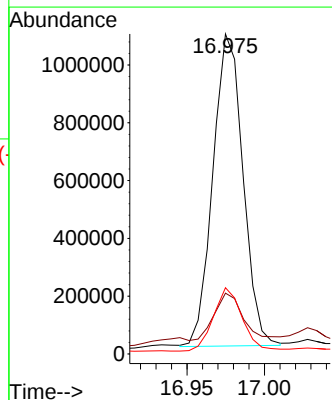
Manual Integrations
APPROVED

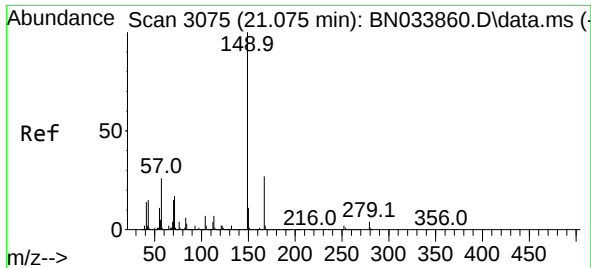
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#72
Phenanthrene
Concen: 13.549 ng/ul
RT: 16.975 min Scan# 2378
Delta R.T. 0.035 min
Lab File: BN033867.D
Acq: 11 Sep 2024 18:53

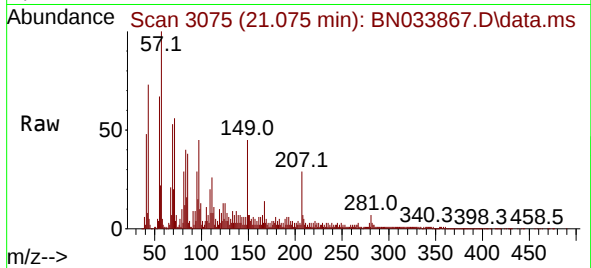
Tgt Ion:178 Resp: 1457631
Ion Ratio Lower Upper
178 100
179 19.0 11.9 17.9#
176 20.7 15.2 22.8





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.378 ng/ul
 RT: 21.075 min Scan# 3075
 Delta R.T. 0.006 min
 Lab File: BN033867.D
 Acq: 11 Sep 2024 18:53

Instrument :
 BNA_N
 ClientSampleId :
 DDC05



Tgt Ion:149 Resp: 11885
 Ion Ratio Lower Upper
 149 100
 167 32.3 20.6 31.0
 279 6.0 3.0 4.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

