

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034300.D
 Acq On : 01 Oct 2024 13:16
 Operator : RC/JU
 Sample : P4019-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCB0

Manual Integrations
 APPROVED

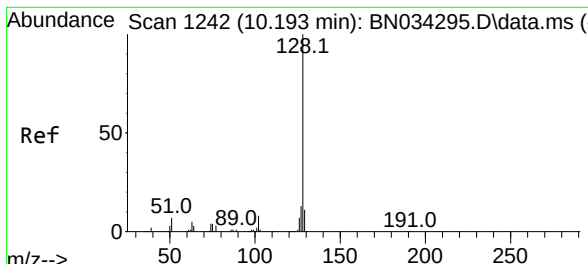
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:56:29 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)

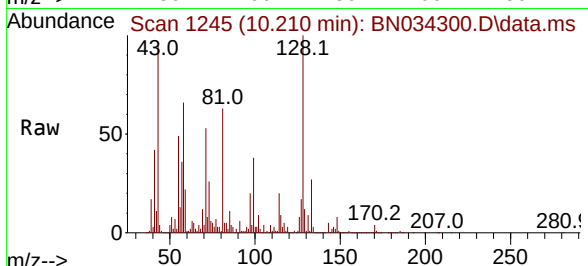
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	194937	20.000	ng/u1	0.01
20) Naphthalene-d8	10.158	136	732899	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.051	164	557007	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.845	188	1093923	20.000	ng/u1	0.05
79) Chrysene-d12	21.033	240	1135466	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1337774	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	18045	3.777	ng/uL	0.01
4) Pyridine-d5	3.405	84	145352	10.237	ng/u1	0.02
7) Phenol-d5	6.622	99	326269	18.859	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	6.746	67	249348	23.229	ng/u1	0.00
11) 2-Chlorophenol-d4	6.958	132	238948	17.546	ng/u1	0.03
15) 4-Methylphenol-d8	8.128	113	93342	6.557	ng/u1	0.02
21) Nitrobenzene-d5	8.546	128	140684	24.083	ng/u1	0.02
24) 2-Nitrophenol-d4	9.258	143	129156	21.501	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.810	165	232601	20.561	ng/u1	0.04
31) 4-Chloroaniline-d4	10.281	131	488586	28.527	ng/u1	-0.01
46) Dimethylphthalate-d6	13.475	166	691562	16.613	ng/u1	0.00
49) Acenaphthylene-d8	13.740	160	791374	16.899	ng/u1	0.01
54) 4-Nitrophenol-d4	14.298	143	140586	16.456	ng/u1	0.02
60) Fluorene-d10	15.063	176	640390	18.152	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.228	200	115942	17.776	ng/u1	0.05
73) Anthracene-d10	16.934	188	870993	16.935	ng/u1	0.04
81) Pyrene-d10	19.216	212	1106253	17.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1210216	17.611	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.210	128	1883755	46.990	ng/u1#	93
36) 2-Methylnaphthalene	11.840	142	3509020	127.074	ng/u1	100
37) 1-Methylnaphthalene	12.057	142	2109581	75.472	ng/u1	100
41) 2,4,6-Trichlorophenol	12.475	196	59717	5.602	ng/u1	93
42) 2,4,5-Trichlorophenol	12.552	196	61374	5.241	ng/u1	99
43) 1,1'-Biphenyl	12.875	154	410875	9.784	ng/u1#	80
52) Acenaphthene	14.116	153	137897	3.769	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	14.722	232	5813796m	598.329	ng/u1	
61) Fluorene	15.116	166	318402	7.780	ng/u1#	89
71) Pentachlorophenol	16.528	266	24371267m	2838.106	ng/u1	
72) Phenanthrene	16.881	178	1344439	22.289	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	20.980	149	114456	2.193	ng/u1#	86

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



#30
Naphthalene
Concen: 46.990 ng/ul
RT: 10.210 min Scan# 1522
Delta R.T. 0.018 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

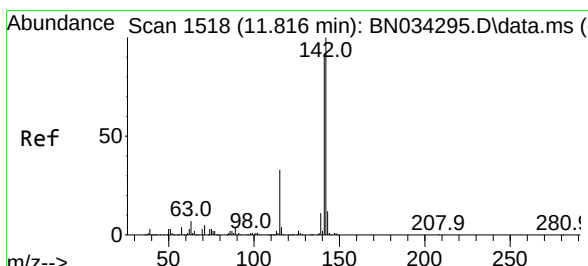
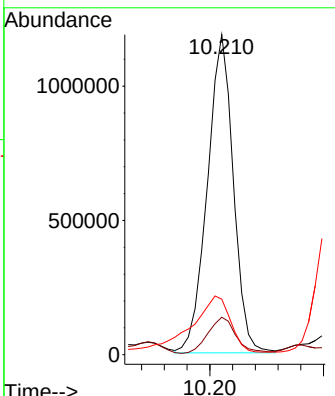
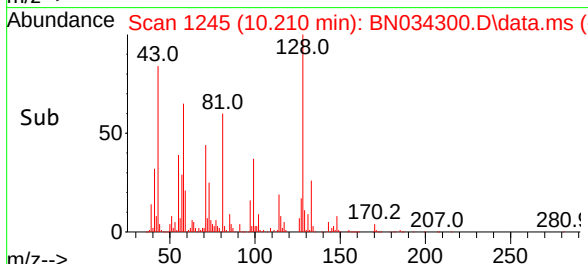
Instrument : BNA_N
ClientSampleId : DDCB0



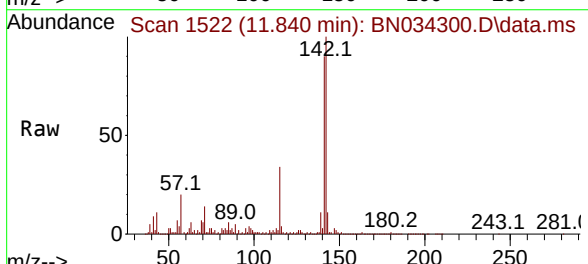
Tgt Ion:128 Resp: 188375
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 17.3 10.6 16.0

Manual Integrations
APPROVED

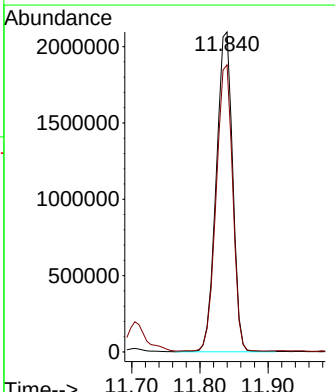
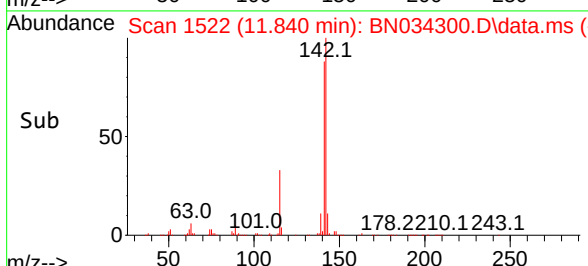
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

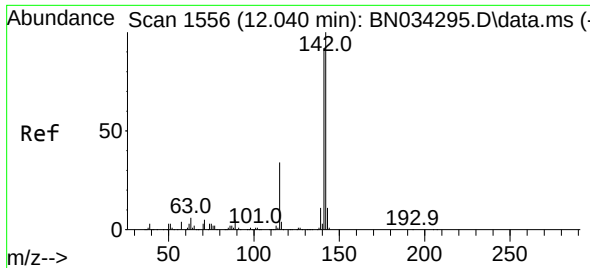


#36
2-Methylnaphthalene
Concen: 127.074 ng/ul
RT: 11.840 min Scan# 1522
Delta R.T. 0.024 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16



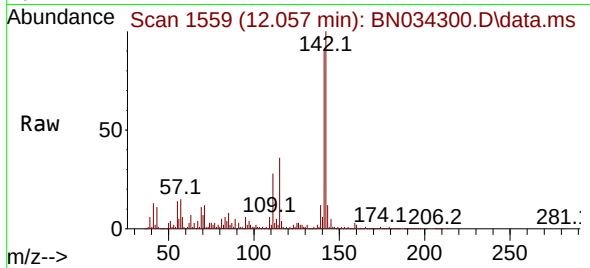
Tgt Ion:142 Resp: 3509020
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#37
1-Methylnaphthalene
Concen: 75.472 ng/ul
RT: 12.057 min Scan# 11
Delta R.T. 0.018 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

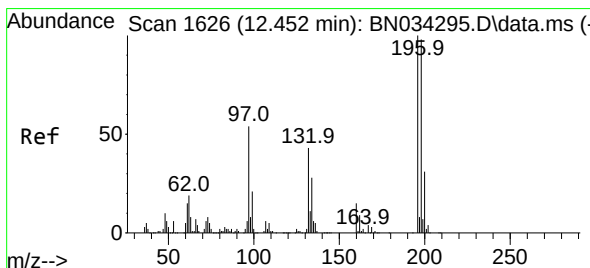
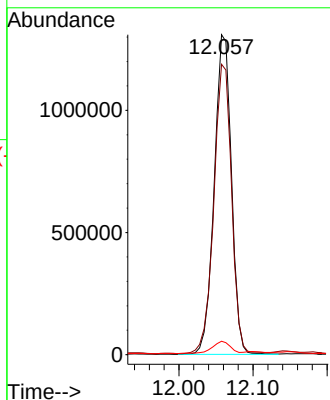
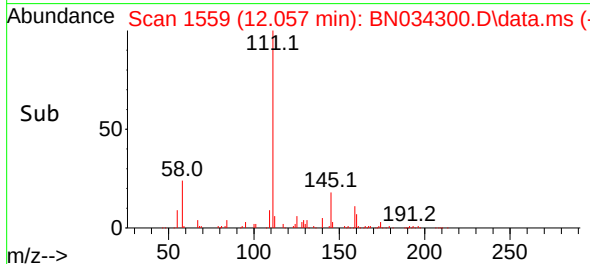
Instrument :
BNA_N
ClientSampleId :
DDCB0



Tgt Ion:142 Resp: 210958
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7
116 4.2 3.2 4.8

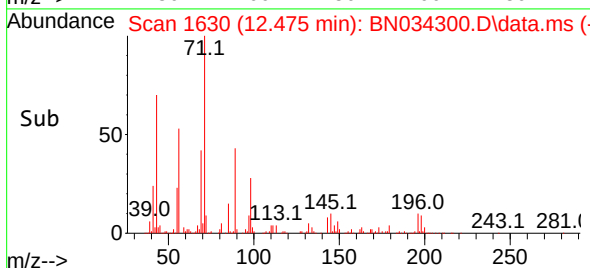
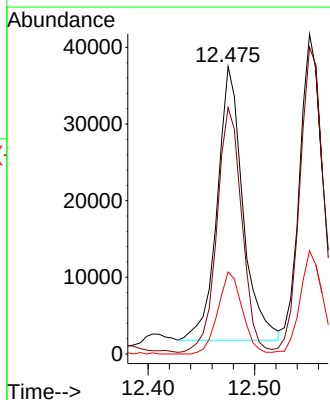
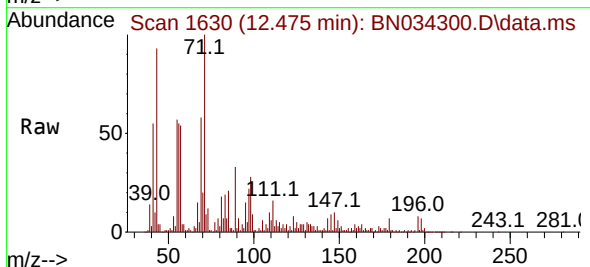
Manual Integrations
APPROVED

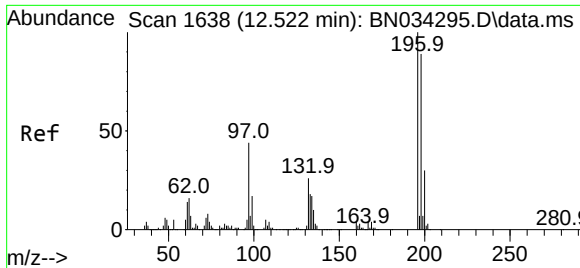
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#41
2,4,6-Trichlorophenol
Concen: 5.602 ng/ul
RT: 12.475 min Scan# 1630
Delta R.T. 0.024 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

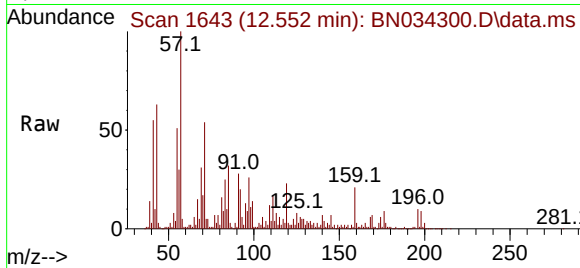
Tgt Ion:196 Resp: 59717
Ion Ratio Lower Upper
196 100
198 85.8 75.0 112.4
200 28.5 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 5.241 ng/ul
RT: 12.552 min Scan# 1643
Delta R.T. 0.030 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

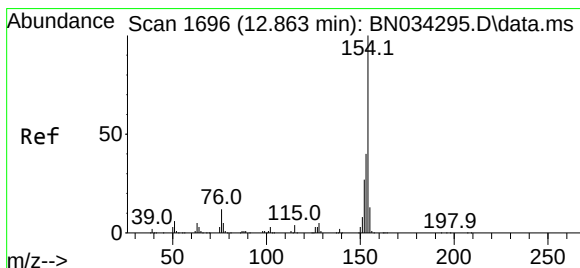
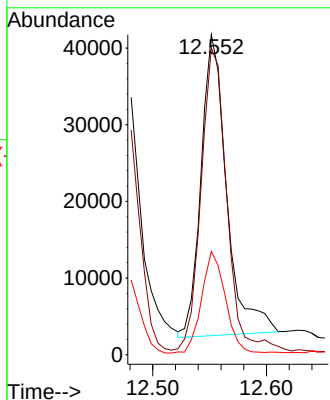
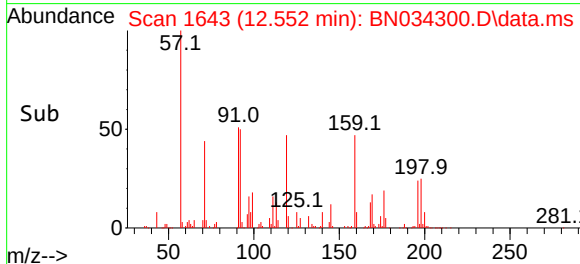
Instrument :
BNA_N
ClientSampleId :
DDCB0



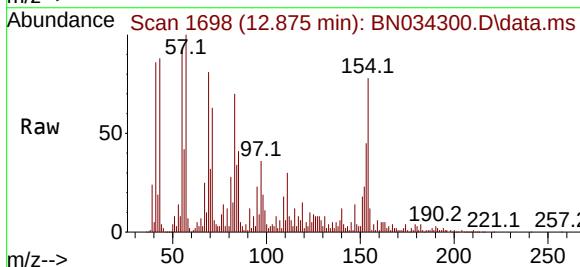
Tgt Ion:196 Resp: 61374
Ion Ratio Lower Upper
196 100
198 95.9 77.1 115.7
200 32.3 25.2 37.8

Manual Integrations
APPROVED

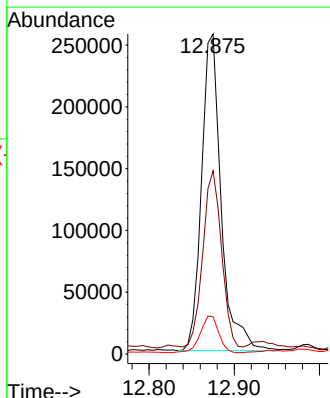
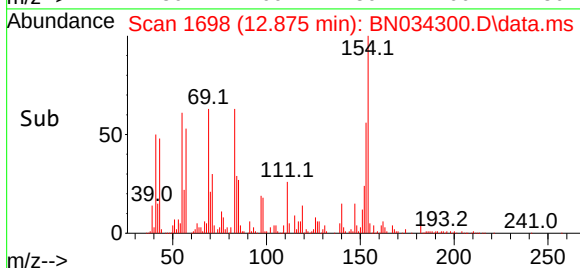
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

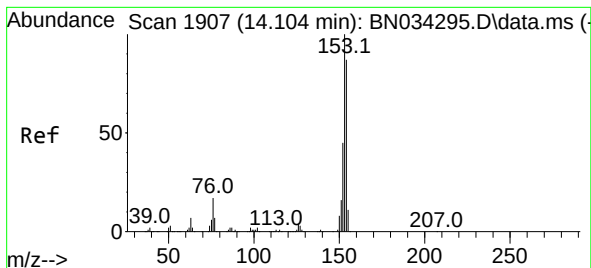


#43
1,1'-Biphenyl
Concen: 9.784 ng/ul
RT: 12.875 min Scan# 1698
Delta R.T. 0.012 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16



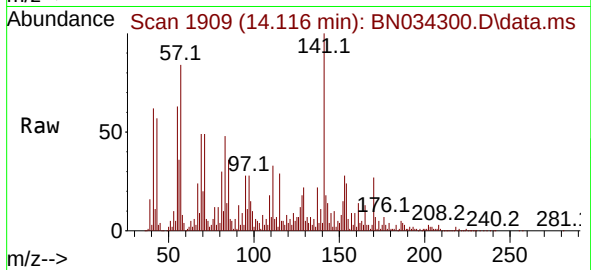
Tgt Ion:154 Resp: 410875
Ion Ratio Lower Upper
154 100
153 57.2 33.3 49.9#
76 11.7 10.2 15.4





#52
Acenaphthene
Concen: 3.769 ng/ul
RT: 14.116 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

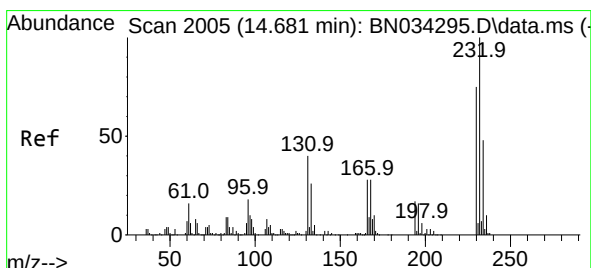
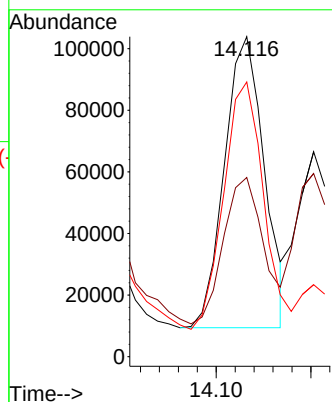
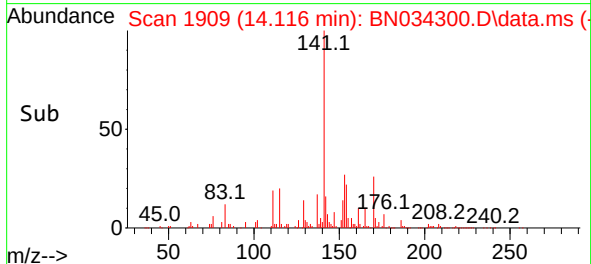
Instrument :
BNA_N
ClientSampleId :
DDCB0



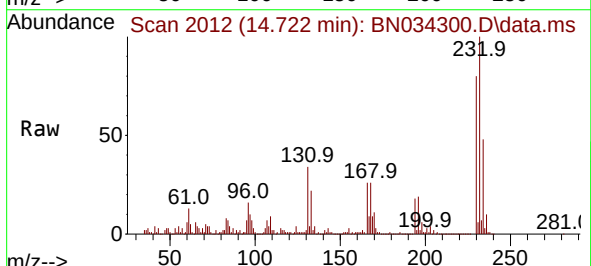
Tgt Ion:153 Resp: 137897
Ion Ratio Lower Upper
153 100
152 56.0 37.8 56.8
154 85.9 71.2 106.8

Manual Integrations
APPROVED

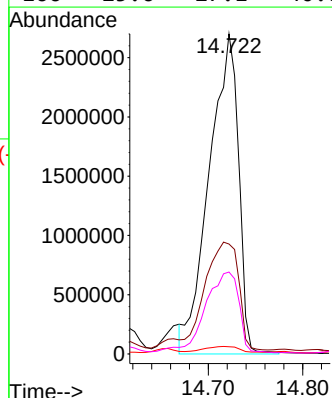
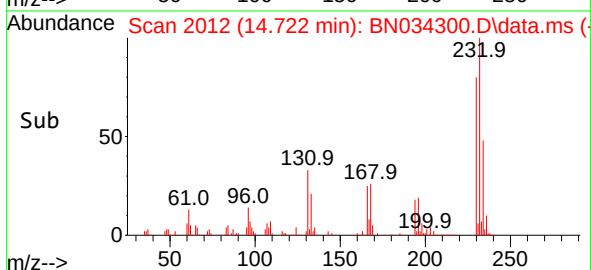
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

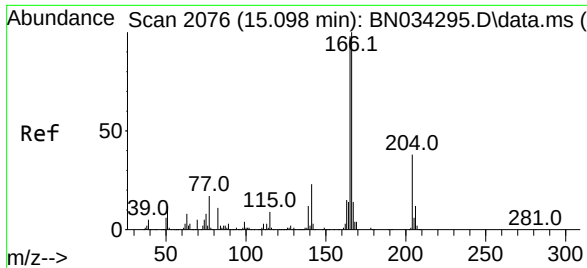


#58
2,3,4,6-Tetrachlorophenol
Concen: 598.329 ng/ul m
RT: 14.722 min Scan# 2012
Delta R.T. 0.041 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16



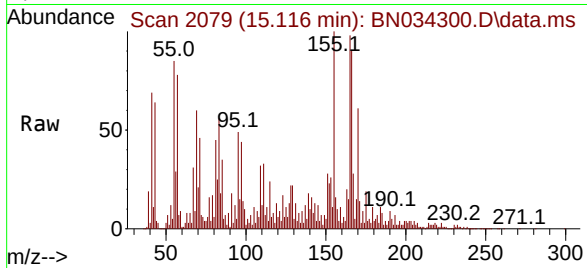
Tgt Ion:232 Resp: 5813796
Ion Ratio Lower Upper
232 100
131 34.4 41.0 61.6#
130 2.3 2.2 3.2
166 25.6 27.1 40.7#





#61
Fluorene
Concen: 7.780 ng/ul
RT: 15.116 min Scan# 2076
Delta R.T. 0.018 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

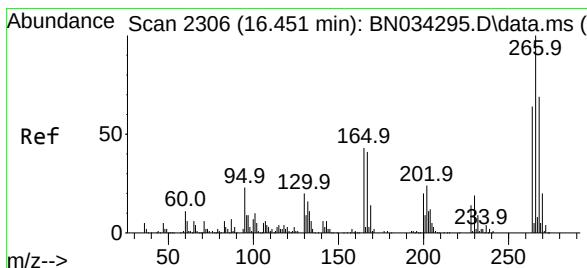
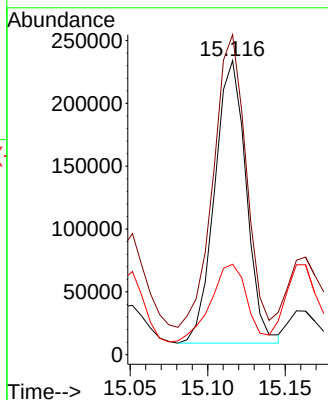
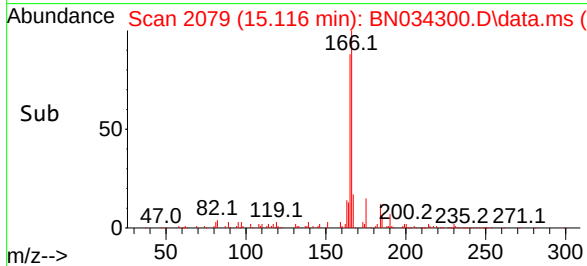
Instrument :
BNA_N
ClientSampleId :
DDCB0



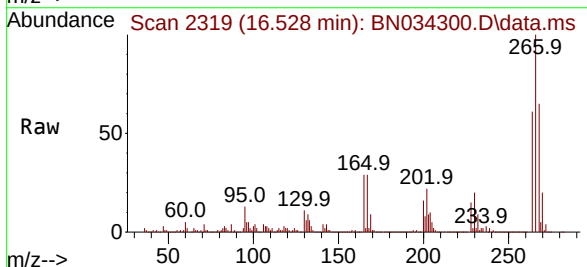
Tgt Ion:166 Resp: 31840
Ion Ratio Lower Upper
166 100
165 108.8 81.9 122.9
167 30.7 10.9 16.3

Manual Integrations
APPROVED

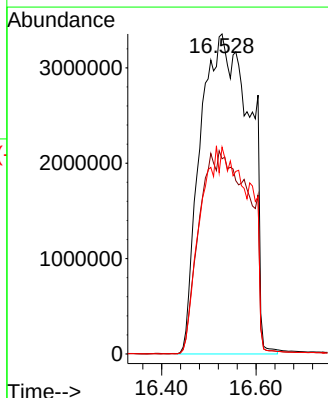
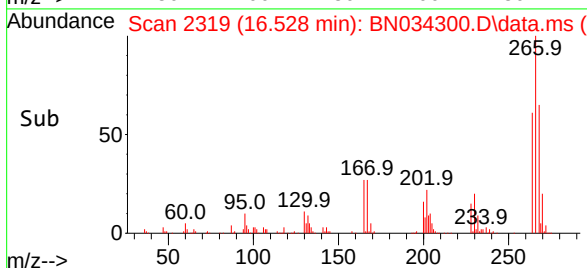
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

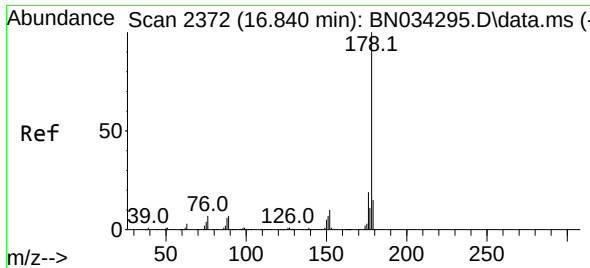


#71
Pentachlorophenol
Concen: 2838.106 ng/ul m
RT: 16.528 min Scan# 2319
Delta R.T. 0.071 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16



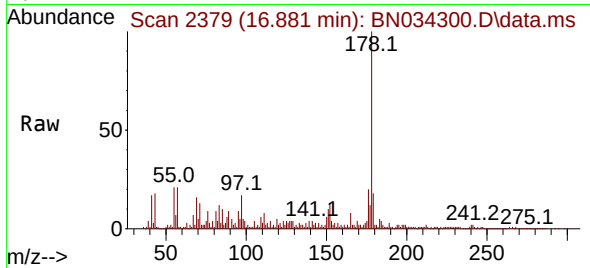
Tgt Ion:266 Resp:24371267
Ion Ratio Lower Upper
266 100
264 61.0 51.1 76.7
268 64.6 52.8 79.2





#72
Phenanthrene
Concen: 22.289 ng/ul
RT: 16.881 min Scan# 2379
Delta R.T. 0.041 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16

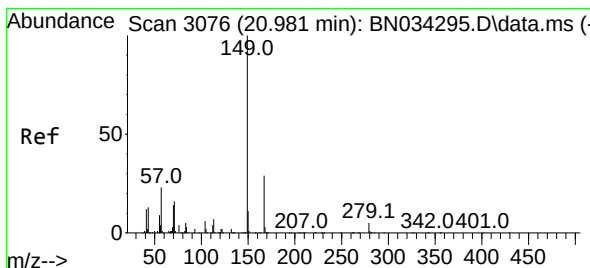
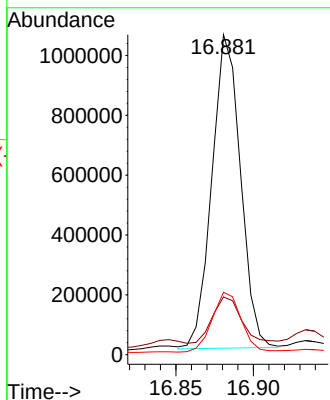
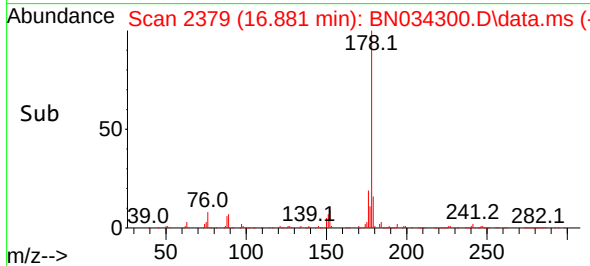
Instrument :
BNA_N
ClientSampleId :
DDCB0



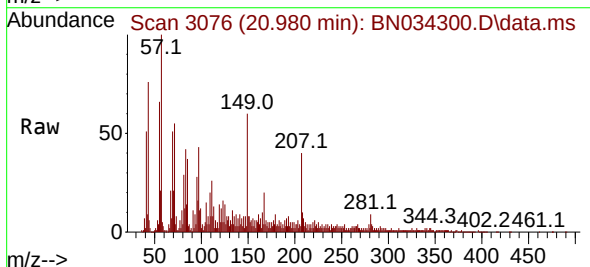
Tgt Ion:178 Resp: 1344439
Ion Ratio Lower Upper
178 100
179 18.1 11.9 17.9#
176 19.5 15.2 22.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.193 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BN034300.D
Acq: 01 Oct 2024 13:16



Tgt Ion:149 Resp: 114456
Ion Ratio Lower Upper
149 100
167 33.1 20.6 31.0#
279 7.3 3.0 4.6#

