

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034302.D
 Acq On : 01 Oct 2024 14:34
 Operator : RC/JU
 Sample : P4019-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCJ8

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 23:58:53 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	233621	20.000	ng/u1	0.00
20) Naphthalene-d8	10.152	136	889804	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.045	164	612033	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.822	188	1210443	20.000	ng/u1	0.02
79) Chrysene-d12	21.033	240	1155816	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1418176	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	18245	3.187	ng/uL	0.00
4) Pyridine-d5	3.399	84	138630	8.147	ng/u1	0.01
7) Phenol-d5	6.605	99	362880	17.502	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	247014	19.202	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	296516	18.168	ng/u1	0.01
15) 4-Methylphenol-d8	8.116	113	207231	12.147	ng/u1	0.01
21) Nitrobenzene-d5	8.540	128	146537	20.662	ng/u1	0.01
24) 2-Nitrophenol-d4	9.252	143	147688	20.251	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.793	165	268882	19.577	ng/u1	0.02
31) 4-Chloroaniline-d4	10.269	131	292480	14.066	ng/u1	-0.02
46) Dimethylphthalate-d6	13.469	166	774232	16.927	ng/u1	0.00
49) Acenaphthylene-d8	13.734	160	906764	17.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.287	143	134912	14.372	ng/u1	0.01
60) Fluorene-d10	15.051	176	687053	17.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.187	200	117004m	16.212	ng/u1	0.01
73) Anthracene-d10	16.916	188	983329	17.279	ng/u1	0.02
81) Pyrene-d10	19.210	212	1144028	17.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1269781	17.430	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.199	128	1289753	26.499	ng/u1#	95
36) 2-Methylnaphthalene	11.828	142	2182933	65.112	ng/u1	98
37) 1-Methylnaphthalene	12.051	142	1323442	38.998	ng/u1	97
41) 2,4,6-Trichlorophenol	12.463	196	26223	2.239	ng/u1	96
42) 2,4,5-Trichlorophenol	12.534	196	13705	1.065	ng/u1	92
43) 1,1'-Biphenyl	12.869	154	218277	4.731	ng/u1#	85
52) Acenaphthene	14.110	153	83292	2.072	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.698	232	3431036	321.360	ng/u1	91
61) Fluorene	15.104	166	188892	4.201	ng/u1#	95
71) Pentachlorophenol	16.516	266	16734916m	1761.231	ng/u1	
72) Phenanthrene	16.863	178	920009	13.784	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	61746	1.162	ng/u1#	85

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

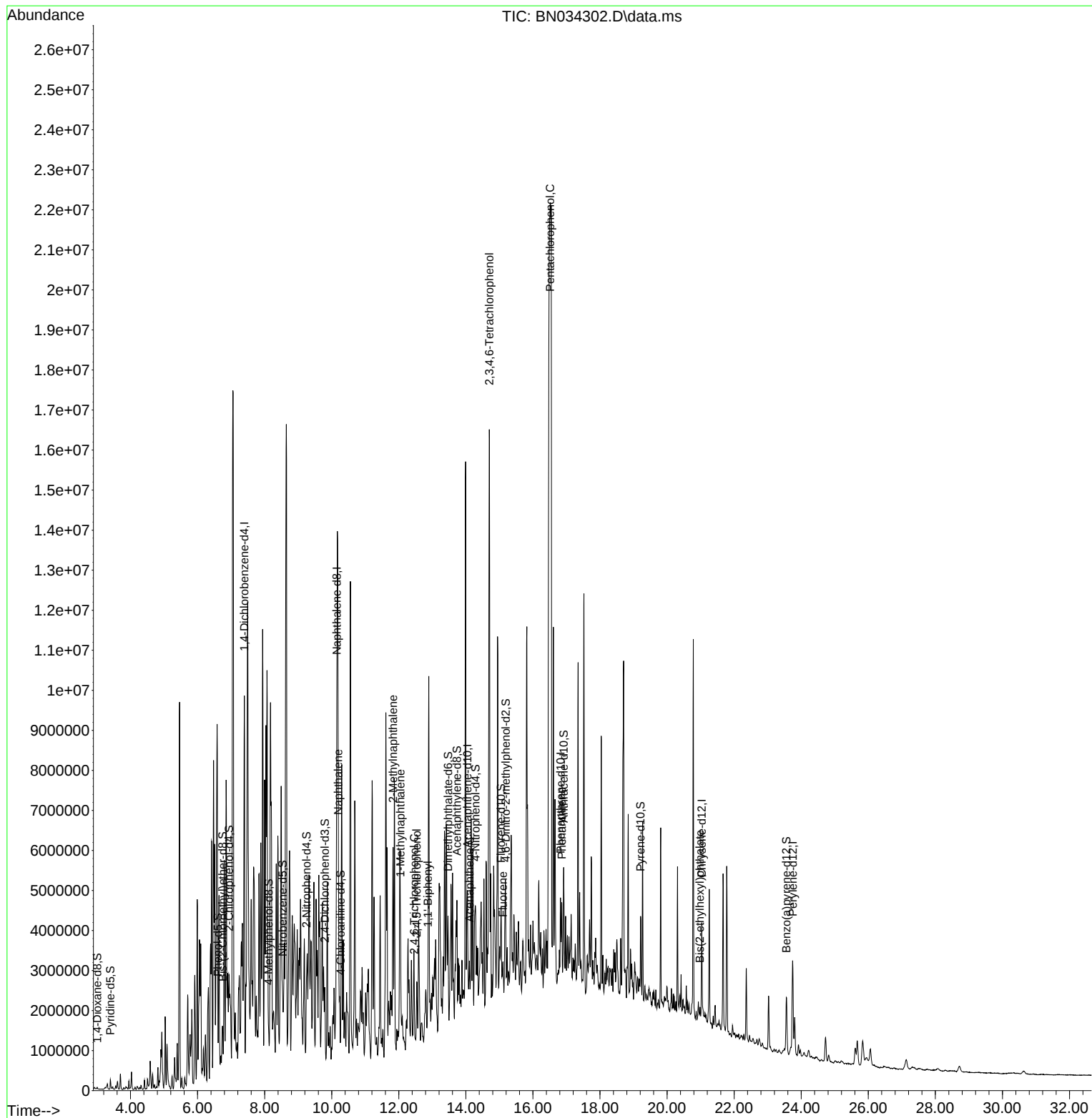
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034302.D
Acq On : 01 Oct 2024 14:34
Operator : RC/JU
Sample : P4019-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

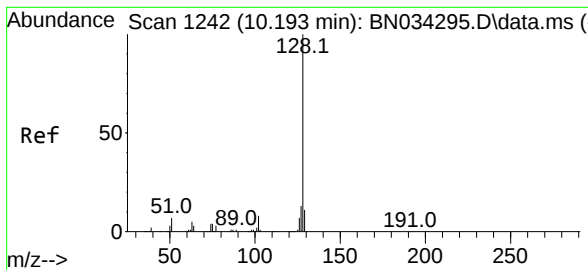
Instrument :
BNA_N
ClientSampleId :
DDCJ8

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Supervised By :mohammad ahmed 10/04/2024

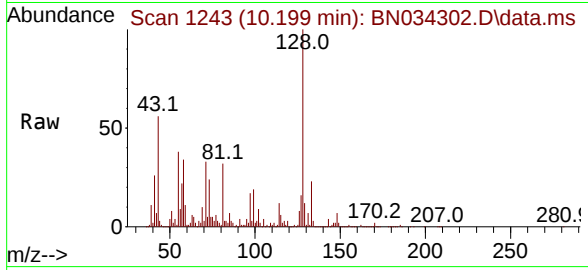
Quant Time: Oct 01 23:58:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 26.499 ng/ul
RT: 10.199 min Scan# 101
Delta R.T. 0.006 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

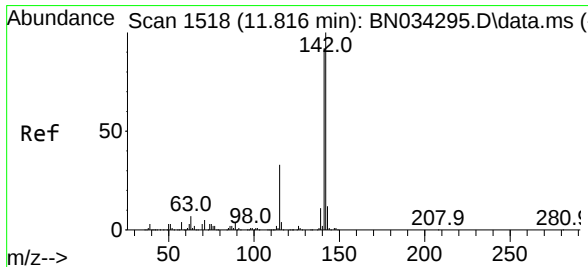
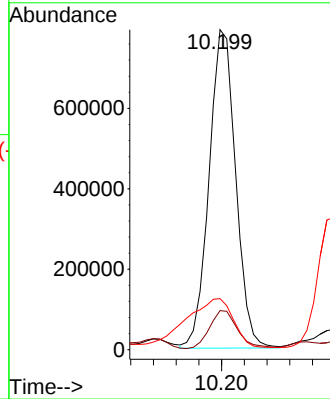
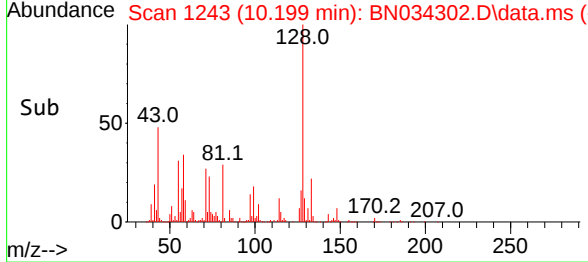
Instrument :
BNA_N
ClientSampleId :
DDCJ8



Tgt Ion:128 Resp: 128975
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 16.0 10.6 16.0

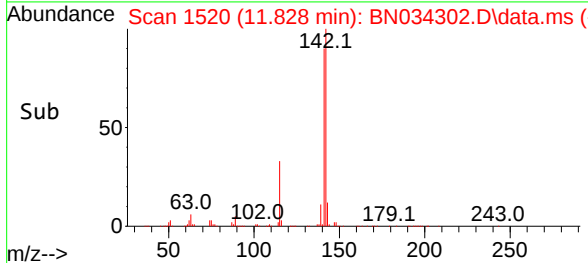
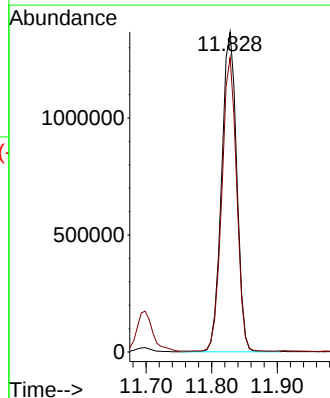
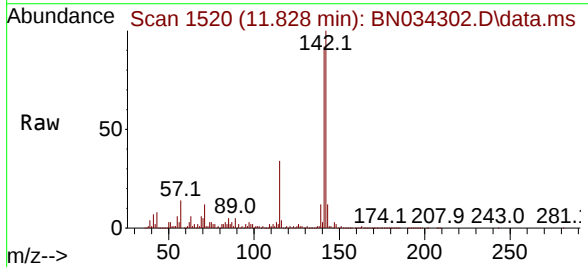
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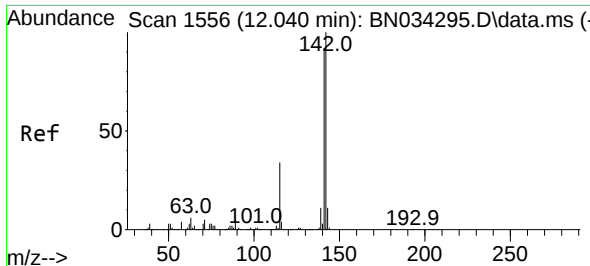
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#36
2-Methylnaphthalene
Concen: 65.112 ng/ul
RT: 11.828 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

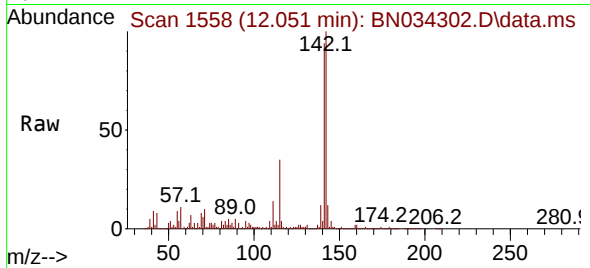
Tgt Ion:142 Resp: 2182933
Ion Ratio Lower Upper
142 100
141 92.0 72.2 108.2





#37
1-Methylnaphthalene
Concen: 38.998 ng/ul
RT: 12.051 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

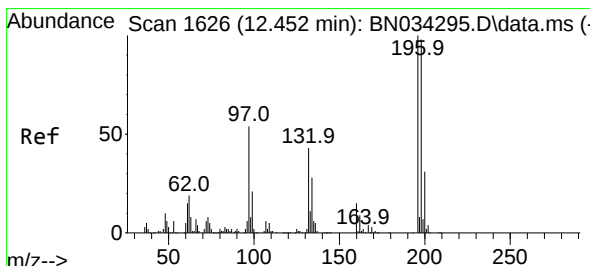
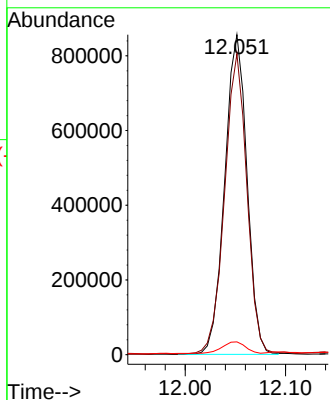
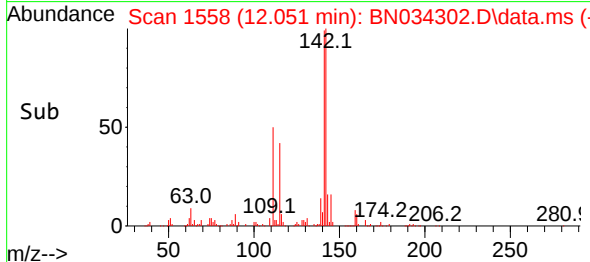
Instrument :
BNA_N
ClientSampleId :
DDCJ8



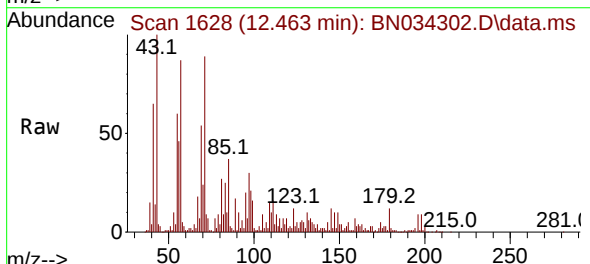
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Ion Ratio Lower Upper
142 100
141 94.0 72.5 108.7
116 4.0 3.2 4.8

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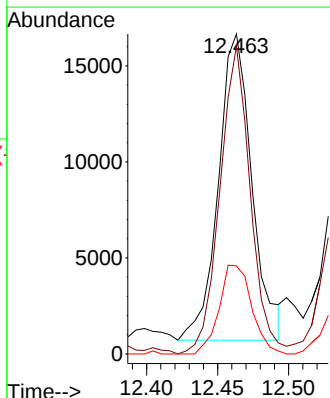
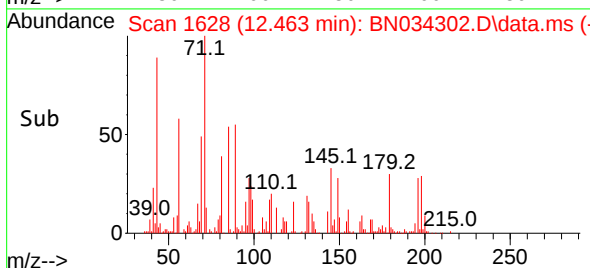
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

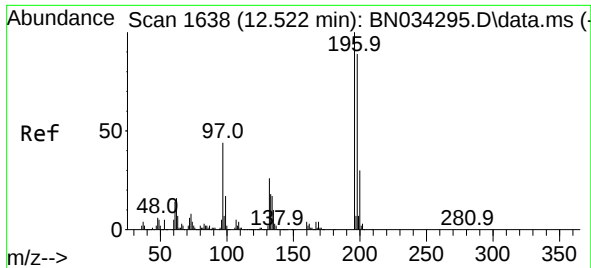


#41
2,4,6-Trichlorophenol
Concen: 2.239 ng/ul
RT: 12.463 min Scan# 1628
Delta R.T. 0.012 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34



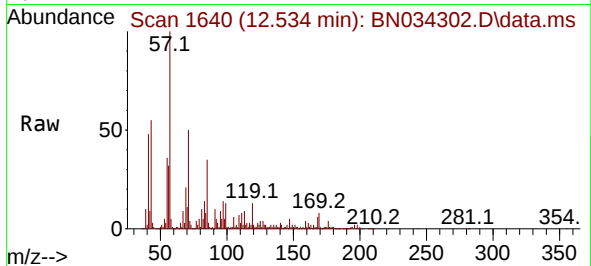
Tgt Ion:196 Resp: 26223
Ion Ratio Lower Upper
196 100
198 96.3 75.0 112.4
200 27.5 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 1.065 ng/ul
RT: 12.534 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

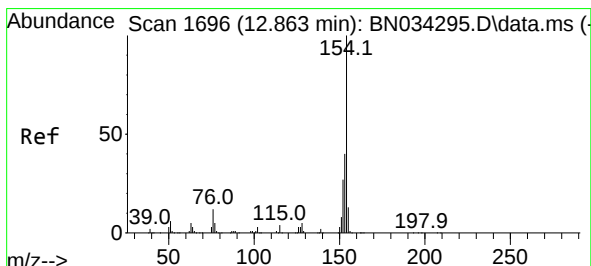
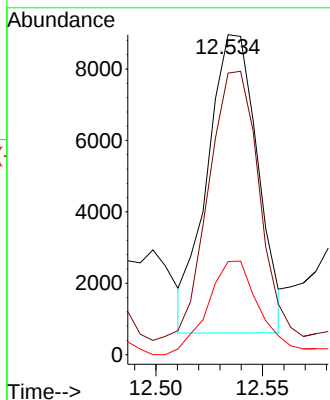
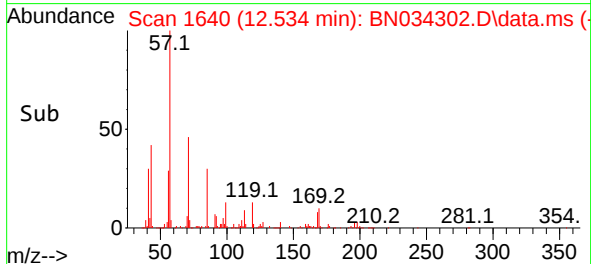
Instrument :
BNA_N
ClientSampleId :
DDCJ8



Tgt Ion:196 Resp: 1370
Ion Ratio Lower Upper
196 100
198 88.0 77.1 115.7
200 29.1 25.2 37.8

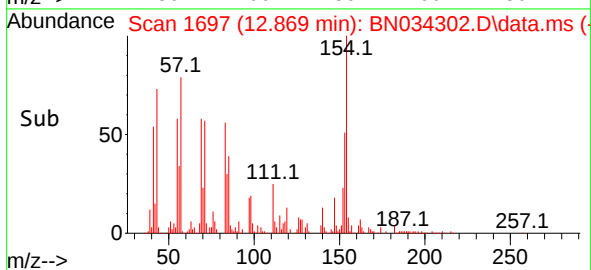
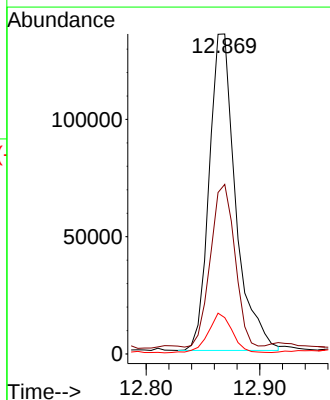
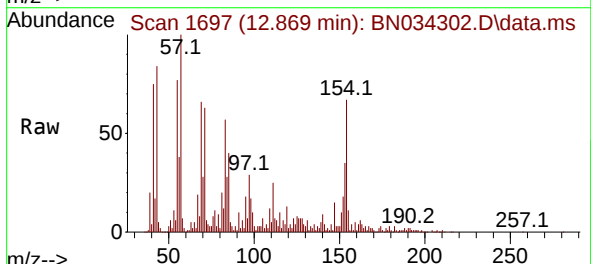
Manual Integrations
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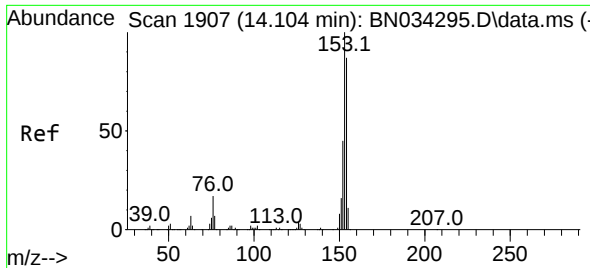
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#43
1,1'-Biphenyl
Concen: 4.731 ng/ul
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

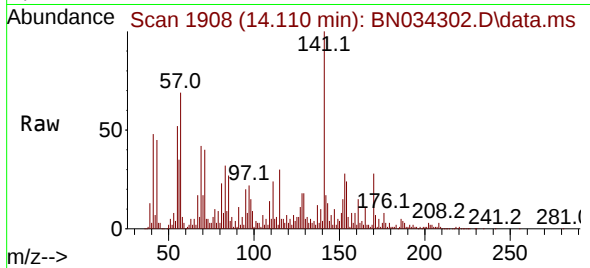
Tgt Ion:154 Resp: 218277
Ion Ratio Lower Upper
154 100
153 53.0 33.3 49.9#
76 11.4 10.2 15.4





#52
Acenaphthene
Concen: 2.072 ng/ul
RT: 14.110 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

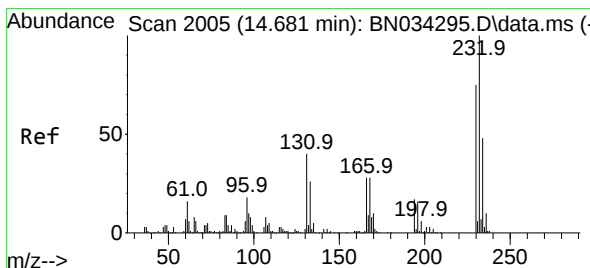
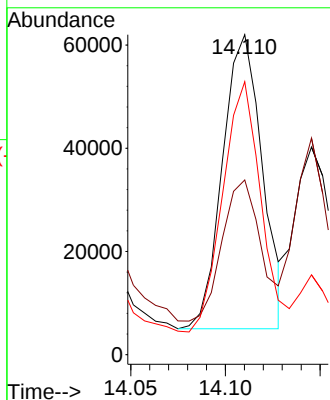
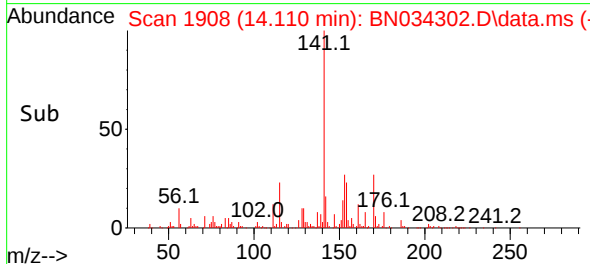
Instrument :
BNA_N
ClientSampleId :
DDCJ8



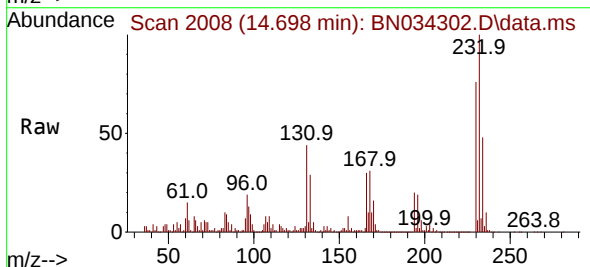
Tgt Ion:153 Resp: 83292
Ion Ratio Lower Upper
153 100
152 54.6 37.8 56.8
154 85.3 71.2 106.8

Manual Integrations
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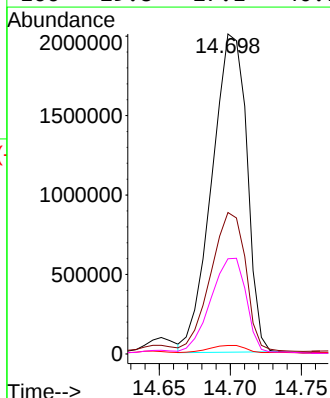
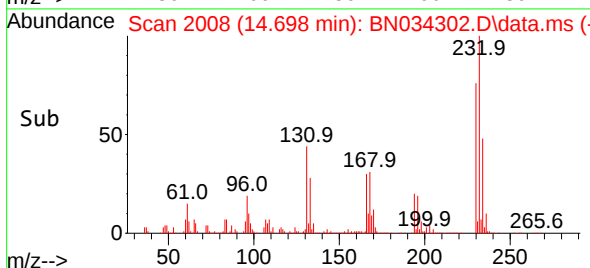
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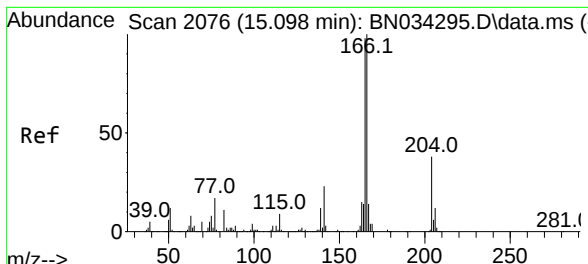


#58
2,3,4,6-Tetrachlorophenol
Concen: 321.360 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34



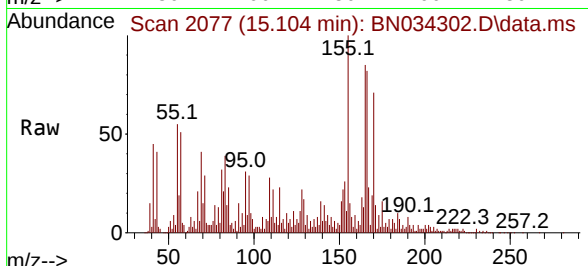
Tgt Ion:232 Resp: 3431036
Ion Ratio Lower Upper
232 100
131 44.2 41.0 61.6
130 2.7 2.2 3.2
166 29.8 27.1 40.7





#61
 Fluorene
 Concen: 4.201 ng/ul
 RT: 15.104 min Scan# 2076
 Delta R.T. 0.006 min
 Lab File: BN034302.D
 Acq: 01 Oct 2024 14:34

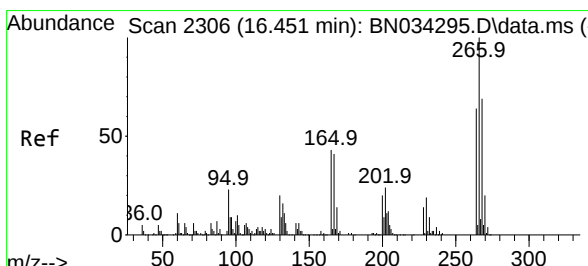
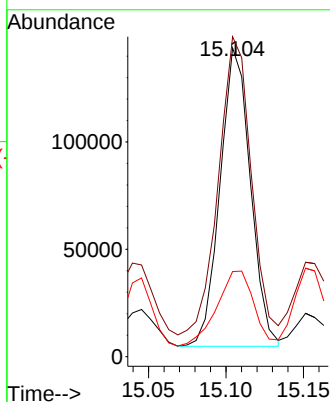
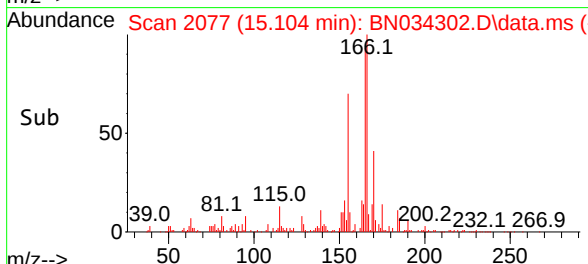
Instrument :
 BNA_N
 ClientSampleId :
 DDCJ8



Tgt Ion:166 Resp: 188892
 Ion Ratio Lower Upper
 166 100
 165 103.6 81.9 122.9
 167 27.6 10.9 16.3

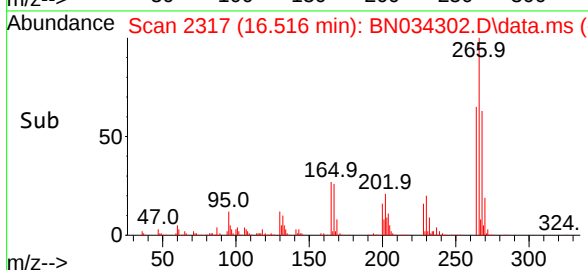
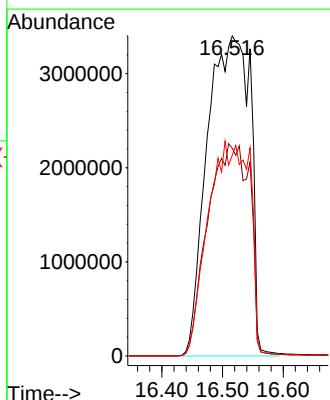
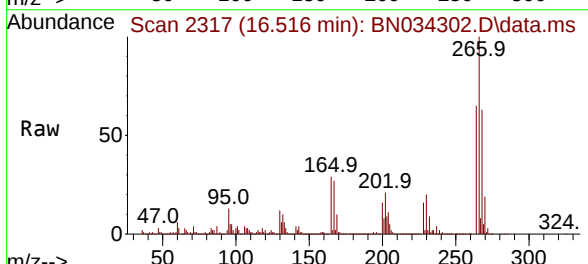
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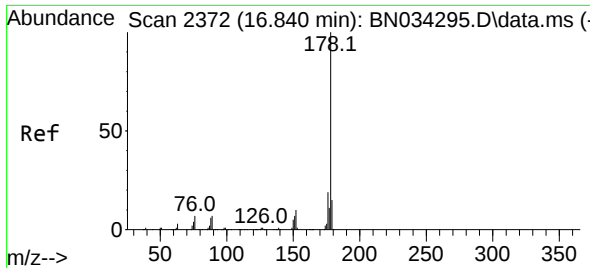
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024



#71
 Pentachlorophenol
 Concen: 1761.231 ng/ul m
 RT: 16.516 min Scan# 2317
 Delta R.T. 0.059 min
 Lab File: BN034302.D
 Acq: 01 Oct 2024 14:34

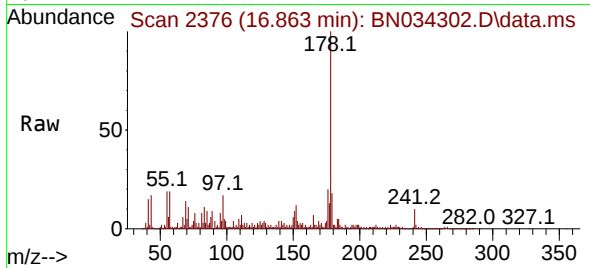
Tgt Ion:266 Resp:16734916
 Ion Ratio Lower Upper
 266 100
 264 64.9 51.1 76.7
 268 62.8 52.8 79.2





#72
Phenanthrene
Concen: 13.784 ng/ul
RT: 16.863 min Scan# 21
Delta R.T. 0.024 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34

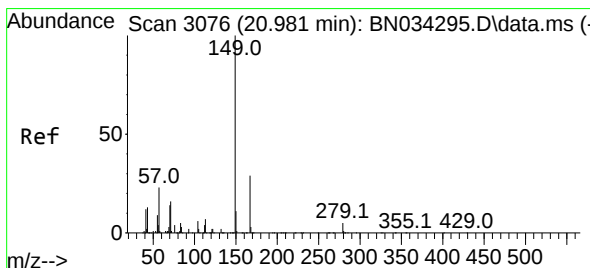
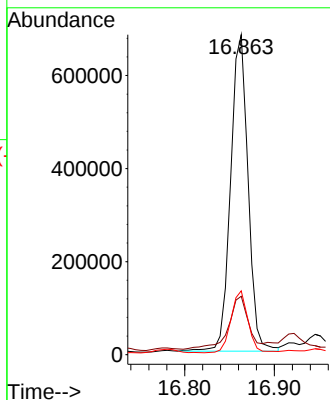
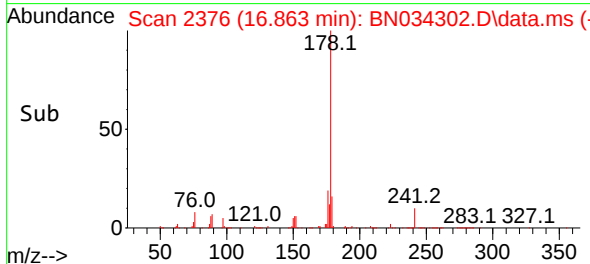
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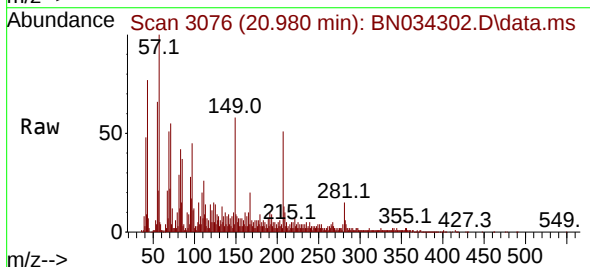
Tgt Ion:178 Resp: 920009
Ion Ratio Lower Upper
178 100
179 18.3 11.9 17.9#
176 20.0 15.2 22.8#

Manual Integrations
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Supervised By :mohammad ahmed 10/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.162 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BN034302.D
Acq: 01 Oct 2024 14:34



Tgt Ion:149 Resp: 61746
Ion Ratio Lower Upper
149 100
167 33.9 20.6 31.0#
279 7.3 3.0 4.6#

