

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034311.D
 Acq On : 01 Oct 2024 21:08
 Operator : RC/JU
 Sample : P4019-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC38

Manual Integrations
 APPROVED

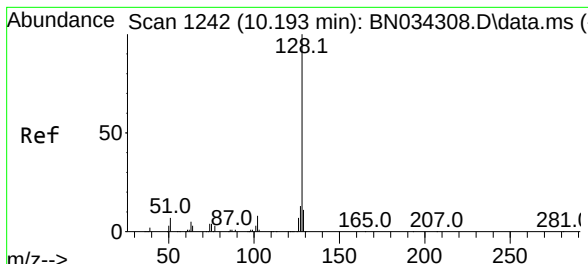
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 00:15:38 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)

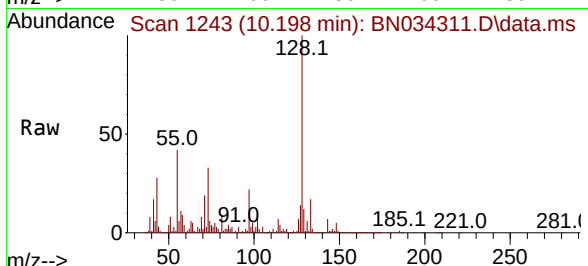
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	214860	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	805875	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.045	164	533271	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.822	188	1056204	20.000	ng/u1	0.02
79) Chrysene-d12	21.033	240	1048248	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1212373	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.017	96	3853	0.732	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.605	99	83486	4.378	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	78937	6.672	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	51011	3.398	ng/u1	0.01
15) 4-Methylphenol-d8	8.122	113	6778	0.432	ng/u1	0.02
21) Nitrobenzene-d5	8.540	128	28289	4.404	ng/u1	0.01
24) 2-Nitrophenol-d4	9.246	143	30873	4.674	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.793	165	44015	3.538	ng/u1	0.02
31) 4-Chloroaniline-d4	10.269	131	244205m	12.967	ng/u1	-0.02
46) Dimethylphthalate-d6	13.469	166	190532	4.781	ng/u1	0.00
49) Acenaphthylene-d8	13.734	160	204251	4.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.287	143	85573	10.463	ng/u1	0.01
60) Fluorene-d10	15.051	176	170513	5.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	23460	3.725	ng/u1	0.01
73) Anthracene-d10	16.916	188	253592m	5.107	ng/u1	0.02
81) Pyrene-d10	19.210	212	243746	4.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	170005	2.730	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.198	128	1452169	32.944	ng/u1	97
36) 2-Methylnaphthalene	11.828	142	2123602	69.939	ng/u1	99
37) 1-Methylnaphthalene	12.051	142	1270027	41.322	ng/u1	98
41) 2,4,6-Trichlorophenol	12.469	196	25279	2.477	ng/u1	98
42) 2,4,5-Trichlorophenol	12.545	196	40969	3.654	ng/u1	97
43) 1,1'-Biphenyl	12.869	154	257616	6.408	ng/u1#	88
52) Acenaphthene	14.110	153	67706	1.933	ng/u1	90
58) 2,3,4,6-Tetrachlorophenol	14.698	232	2723562	292.772	ng/u1	94
61) Fluorene	15.104	166	198383	5.063	ng/u1#	93
71) Pentachlorophenol	16.516	266	16466382m	1986.038	ng/u1	
72) Phenanthrene	16.863	178	841482	14.449	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	20.980	149	111483	2.314	ng/u1#	85

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



#30
Naphthalene
Concen: 32.944 ng/ul
RT: 10.198 min Scan# 10
Delta R.T. 0.006 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

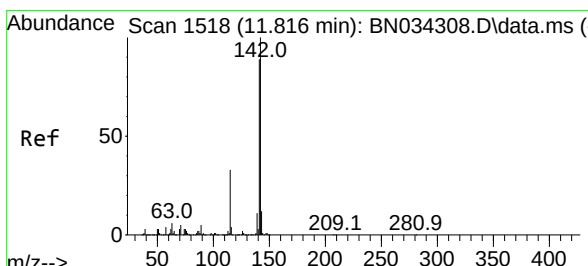
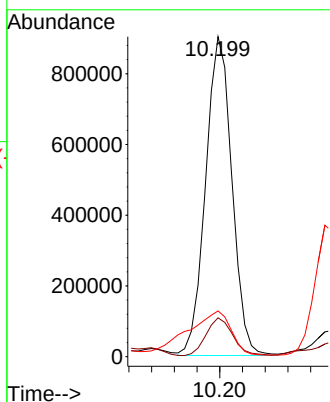
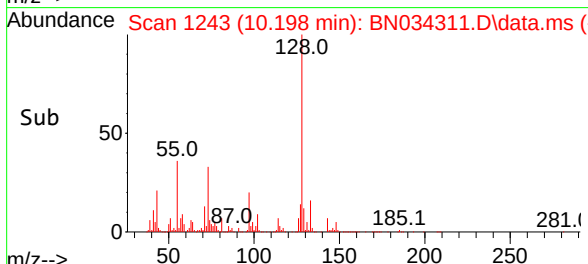
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:128 Resp: 1452169
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 14.3 10.6 16.0

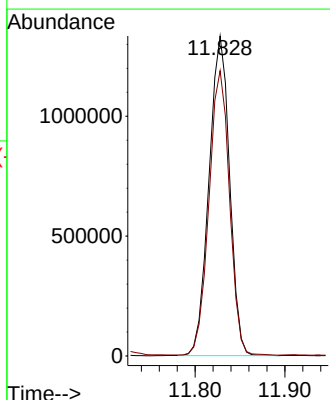
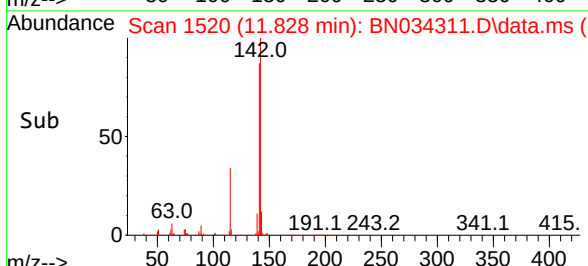
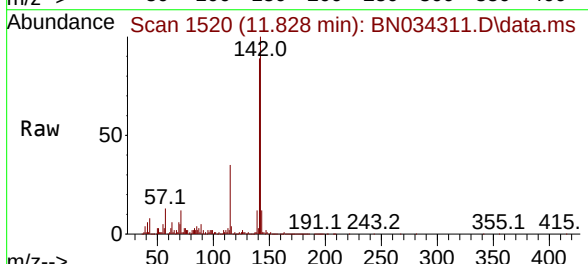
Manual Integrations
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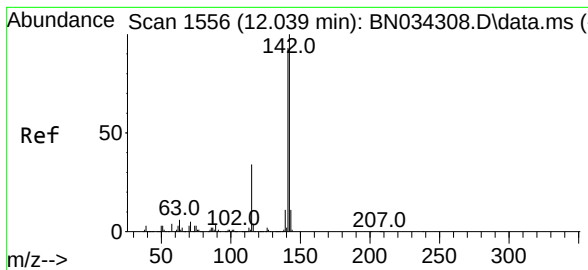
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#36
2-Methylnaphthalene
Concen: 69.939 ng/ul
RT: 11.828 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

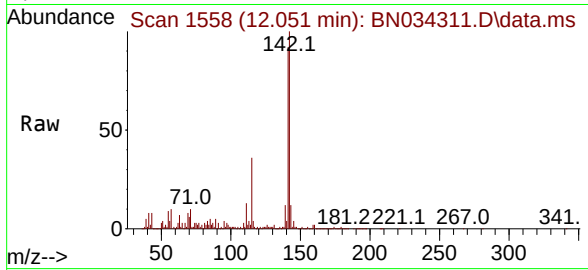
Tgt Ion:142 Resp: 2123602
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#37
1-Methylnaphthalene
Concen: 41.322 ng/ul
RT: 12.051 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

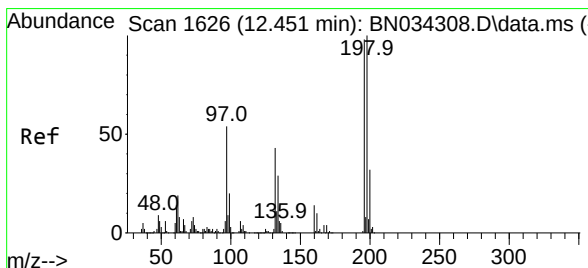
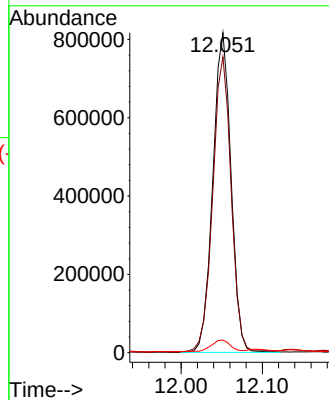
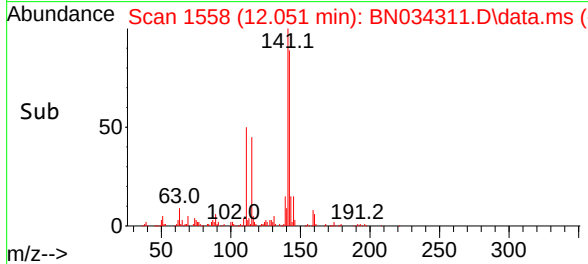
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:142 Resp: 127002
Ion Ratio Lower Upper
142 100
141 92.5 72.5 108.7
116 3.9 3.2 4.8

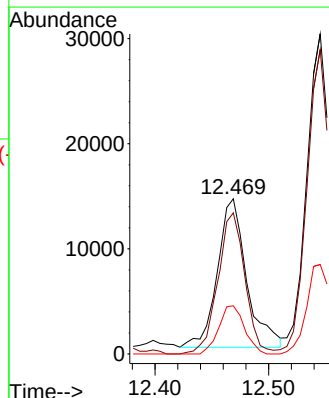
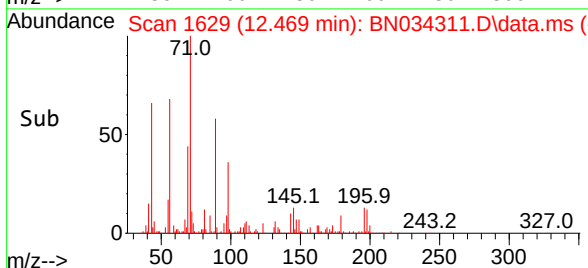
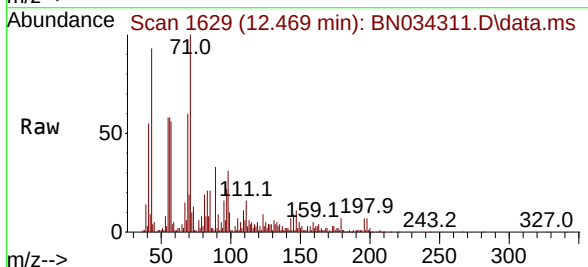
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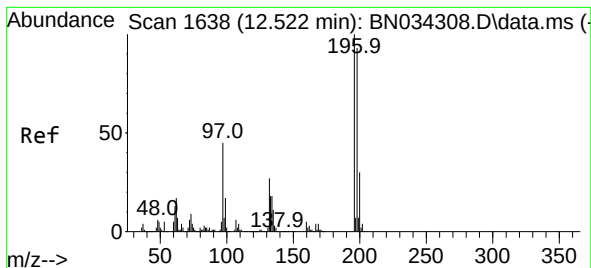
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#41
2,4,6-Trichlorophenol
Concen: 2.477 ng/ul
RT: 12.469 min Scan# 1629
Delta R.T. 0.018 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

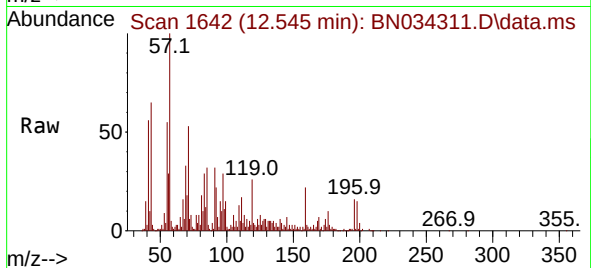
Tgt Ion:196 Resp: 25279
Ion Ratio Lower Upper
196 100
198 90.9 75.0 112.4
200 31.1 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 3.654 ng/ul
RT: 12.545 min Scan# 1642
Delta R.T. 0.023 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

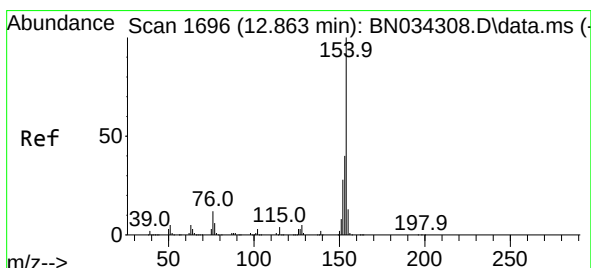
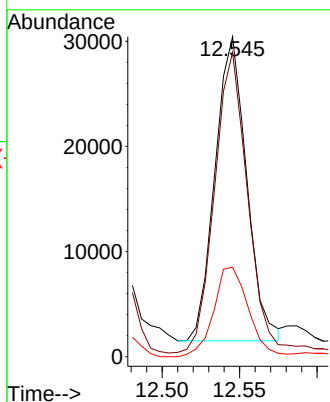
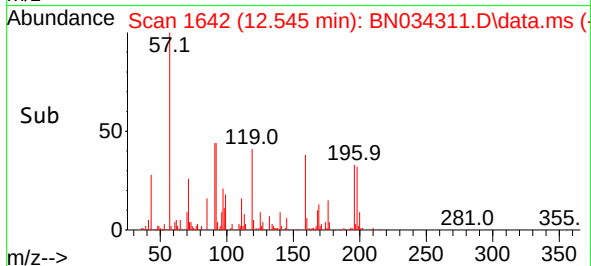
Instrument :
BNA_N
ClientSampleId :
DDC38



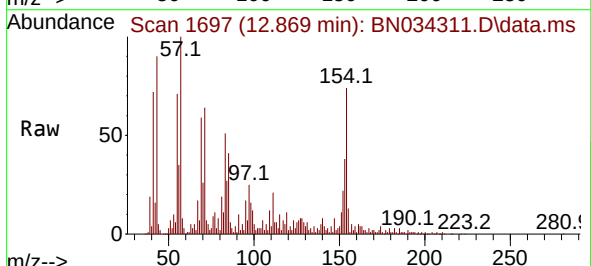
Tgt Ion:196 Resp: 40969
Ion Ratio Lower Upper
196 100
198 95.1 77.1 115.7
200 28.0 25.2 37.8

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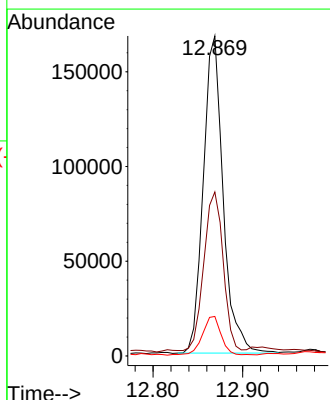
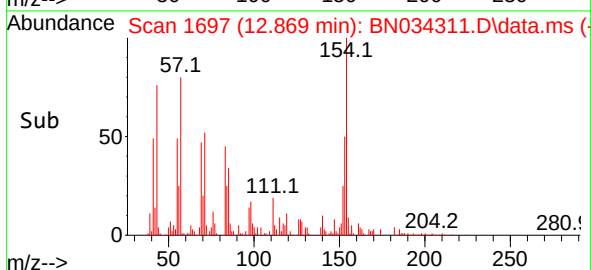
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

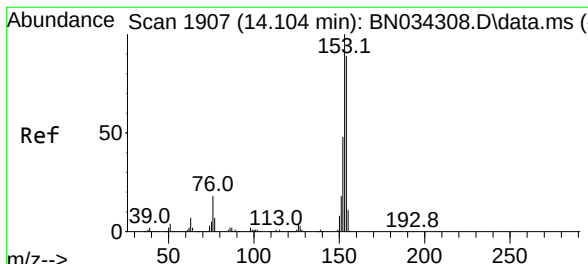


#43
1,1'-Biphenyl
Concen: 6.408 ng/ul
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08



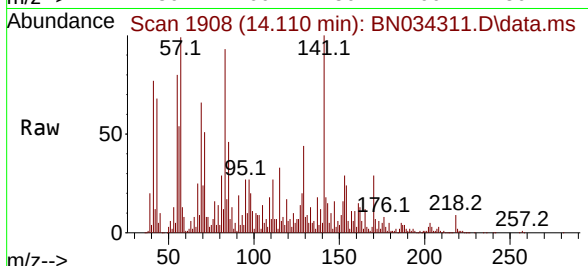
Tgt Ion:154 Resp: 257616
Ion Ratio Lower Upper
154 100
153 51.3 33.3 49.9#
76 12.3 10.2 15.4





#52
 Acenaphthene
 Concen: 1.933 ng/ul
 RT: 14.110 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BN034311.D
 Acq: 01 Oct 2024 21:08

Instrument :
 BNA_N
 ClientSampleId :
 DDC38

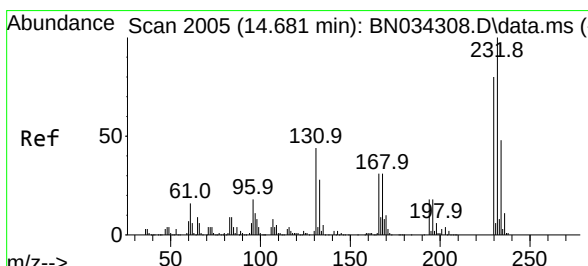
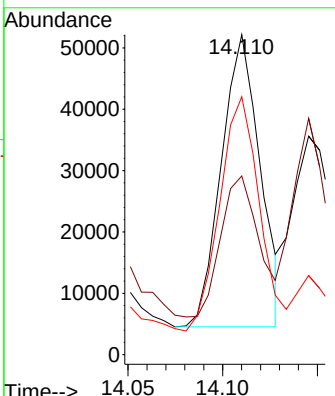
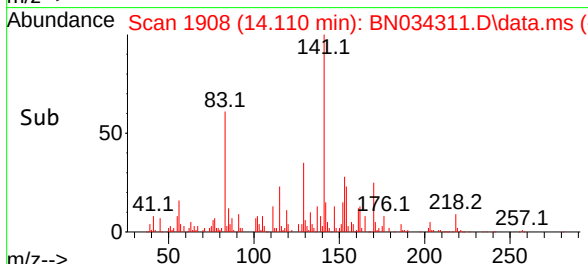


Tgt Ion:153 Resp: 67700

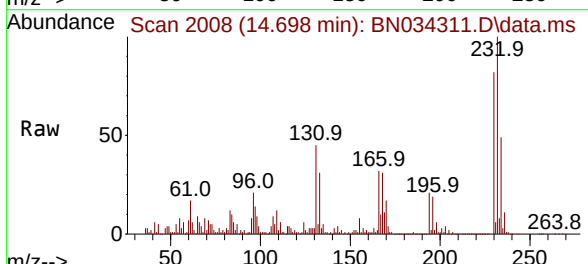
Ion	Ratio	Lower	Upper
153	100		
152	55.8	37.8	56.8
154	80.6	71.2	106.8

Manual Integrations
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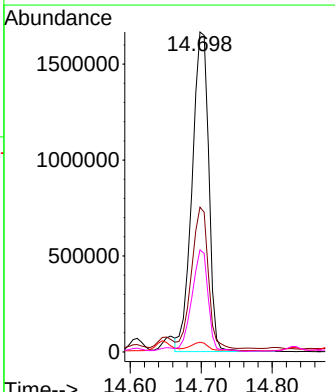
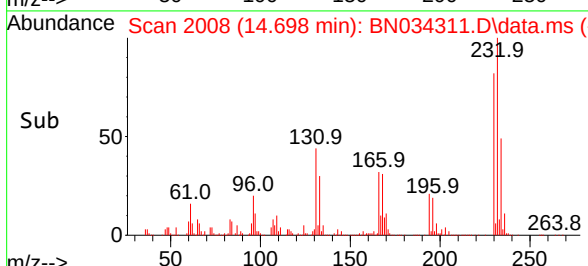


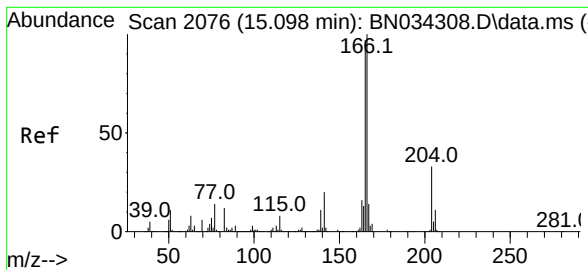
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 292.772 ng/ul
 RT: 14.698 min Scan# 2008
 Delta R.T. 0.018 min
 Lab File: BN034311.D
 Acq: 01 Oct 2024 21:08



Tgt Ion:232 Resp: 2723562

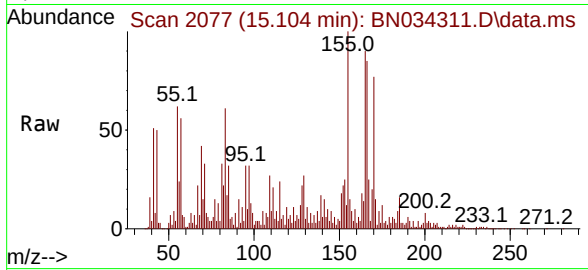
Ion	Ratio	Lower	Upper
232	100		
131	45.3	41.0	61.6
130	3.1	2.2	3.2
166	31.9	27.1	40.7





#61
Fluorene
Concen: 5.063 ng/ul
RT: 15.104 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

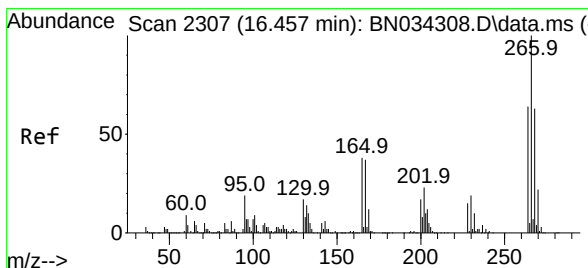
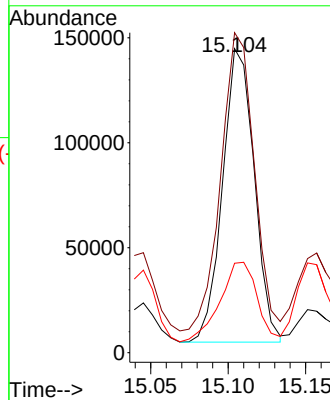
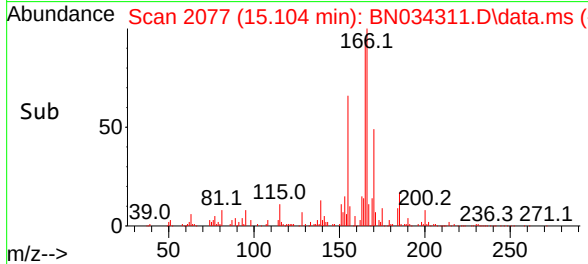
Instrument :
BNA_N
ClientSampleId :
DDC38



Tgt Ion:166 Resp: 19838
Ion Ratio Lower Upper
166 100
165 105.3 81.9 122.9
167 29.4 10.9 16.3

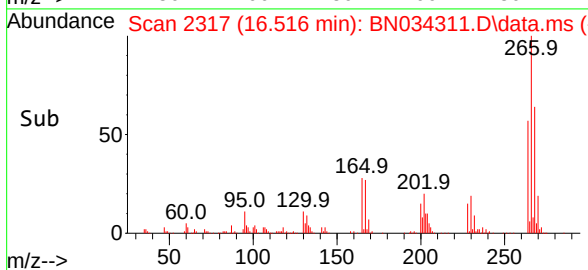
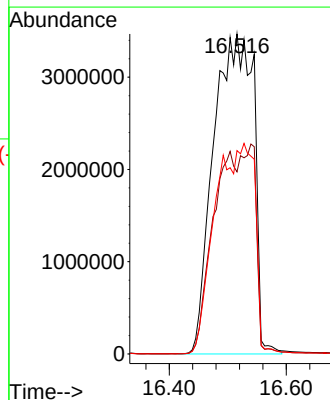
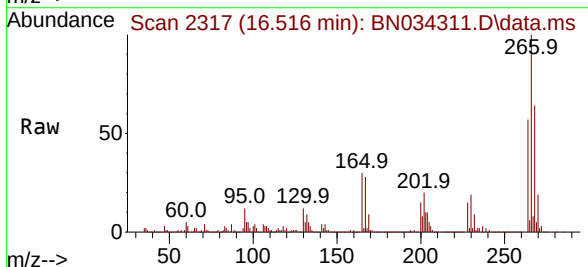
Manual Integrations
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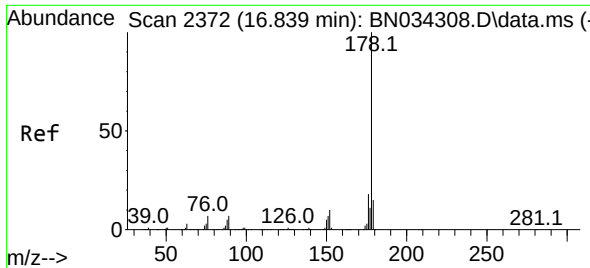
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#71
Pentachlorophenol
Concen: 1986.038 ng/ul m
RT: 16.516 min Scan# 2317
Delta R.T. 0.059 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

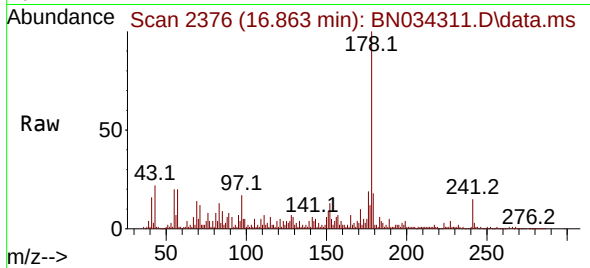
Tgt Ion:266 Resp:16466382
Ion Ratio Lower Upper
266 100
264 56.9 51.1 76.7
268 63.6 52.8 79.2





#72
Phenanthrene
Concen: 14.449 ng/ul
RT: 16.863 min Scan# 21
Delta R.T. 0.023 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08

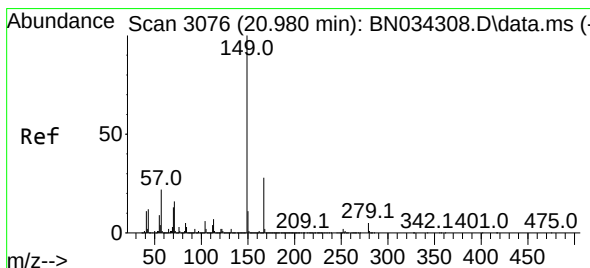
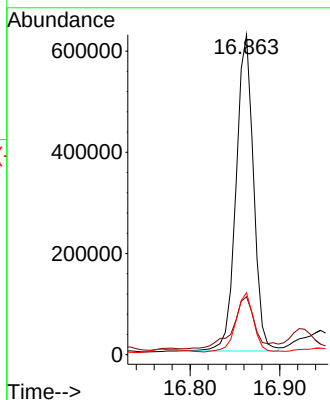
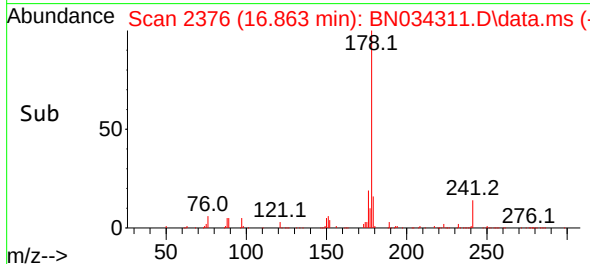
Instrument :
BNA_N
ClientSampleId :
DDC38



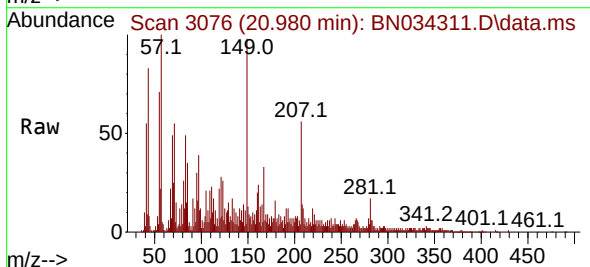
Tgt Ion:178 Resp: 841482
Ion Ratio Lower Upper
178 100
179 18.1 11.9 17.9#
176 19.3 15.2 22.8#

Manual Integrations
APPROVED

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



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.314 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BN034311.D
Acq: 01 Oct 2024 21:08



Tgt Ion:149 Resp: 111483
Ion Ratio Lower Upper
149 100
167 33.9 20.6 31.0#
279 7.3 3.0 4.6#

