

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034328.D
 Acq On : 02 Oct 2024 08:56
 Operator : RC/JU
 Sample : P4019-07DL 20X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCB0DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 02 09:28:58 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	7.387	152	224329	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	892413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.040	164	574027	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.804	188	1160943	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	1151771	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1433244	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.587	99	22123	1.111	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	20207	1.636	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	18207	1.162	ng/u1	0.00
15) 4-Methylphenol-d8	8.105	113	5282	0.322	ng/u1	0.00
21) Nitrobenzene-d5	8.534	128	8995	1.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	8511	1.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	16044	1.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.263	131	40548	1.944	ng/u1	-0.03
46) Dimethylphthalate-d6	13.469	166	57085	1.331	ng/u1	0.00
49) Acenaphthylene-d8	13.722	160	62999	1.305	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.045	176	51873	1.427	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	16.898	188	74954	1.373	ng/u1	0.00
81) Pyrene-d10	19.204	212	90922	1.417	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	88654	1.204	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.193	128	206101	4.222	ng/u1	99
36) 2-Methylnaphthalene	11.816	142	300785	8.946	ng/u1	99
37) 1-Methylnaphthalene	12.040	142	177982	5.229	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	14.681	232	748301	74.728	ng/u1	93
71) Pentachlorophenol	16.481	266	5754964m	631.494	ng/u1	
72) Phenanthrene	16.839	178	117425	1.834	ng/u1#	96

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

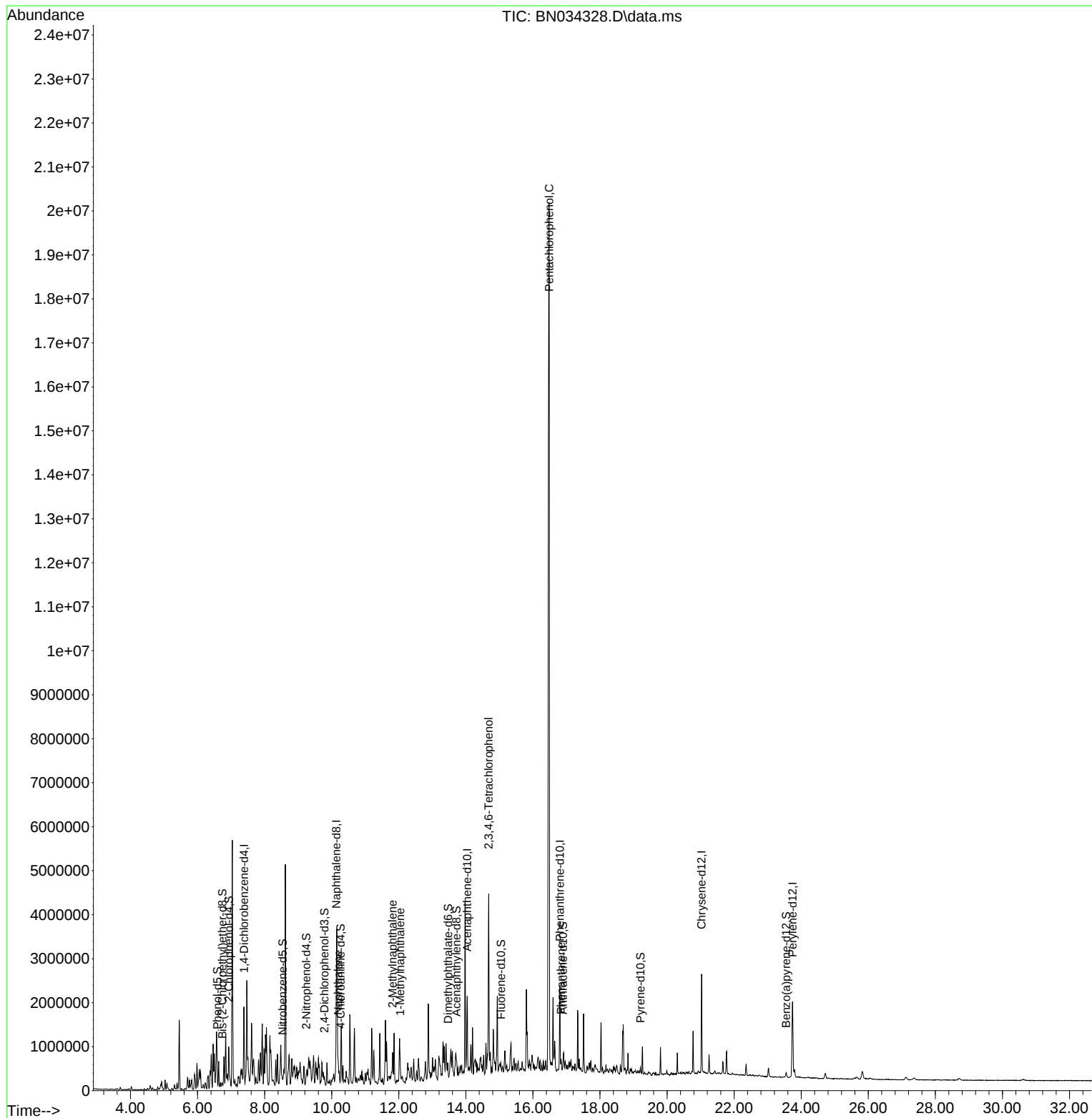
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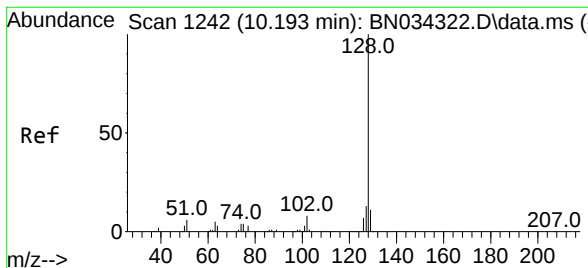
Instrument :
BNA_N
ClientSampleId :
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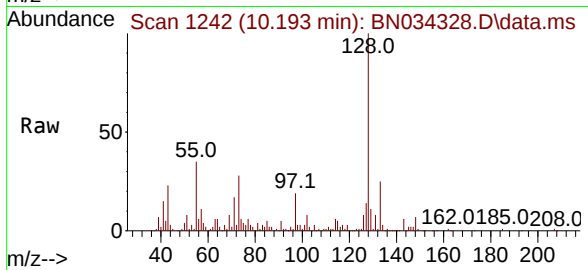
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024





#30
Naphthalene
Concen: 4.222 ng/ul
RT: 10.193 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034328.D
Acq: 02 Oct 2024 08:56

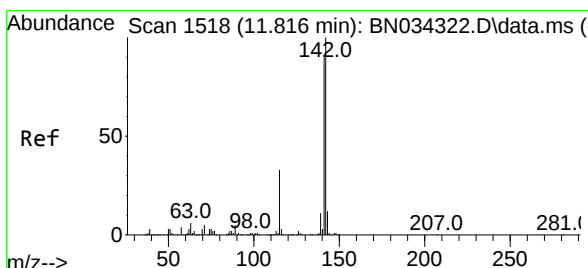
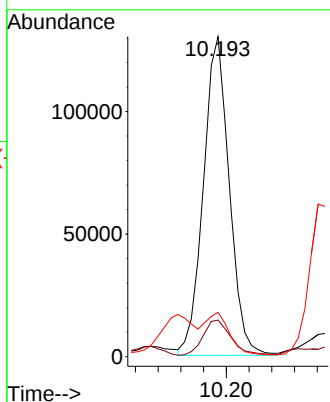
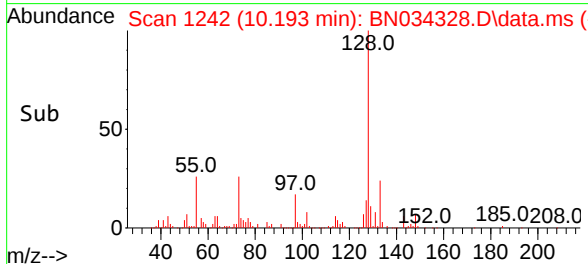
Instrument :
BNA_N
ClientSampleId :
DDCB0DL



Tgt Ion:128 Resp: 20610
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.9 10.6 16.0

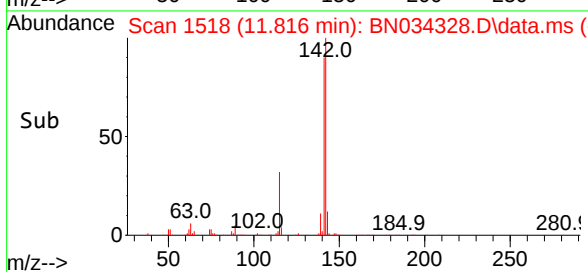
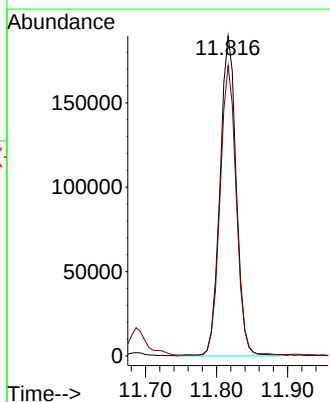
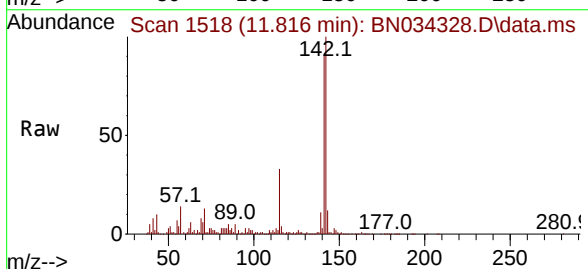
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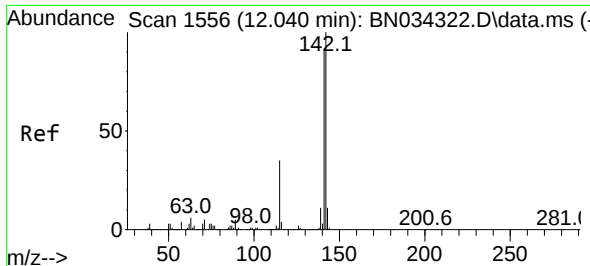
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024



#36
2-Methylnaphthalene
Concen: 8.946 ng/ul
RT: 11.816 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BN034328.D
Acq: 02 Oct 2024 08:56

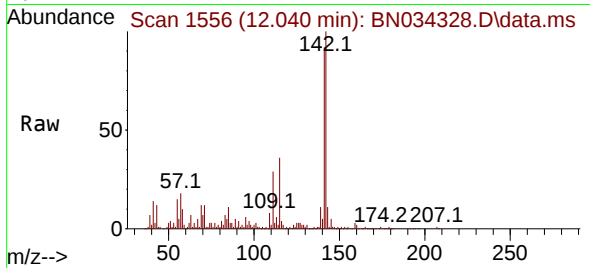
Tgt Ion:142 Resp: 300785
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.2





#37
1-Methylnaphthalene
Concen: 5.229 ng/ul
RT: 12.040 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034328.D
Acq: 02 Oct 2024 08:56

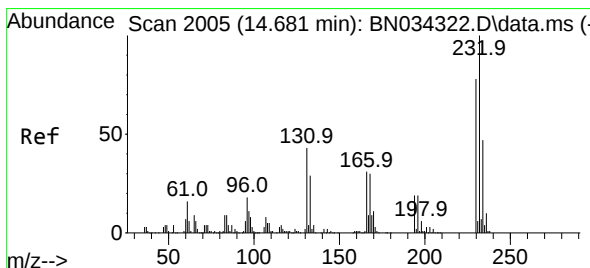
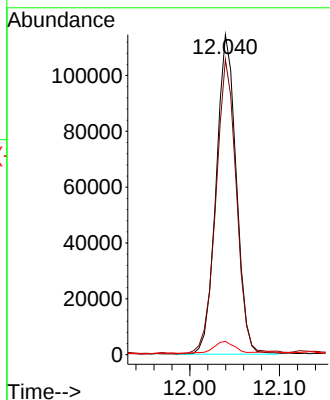
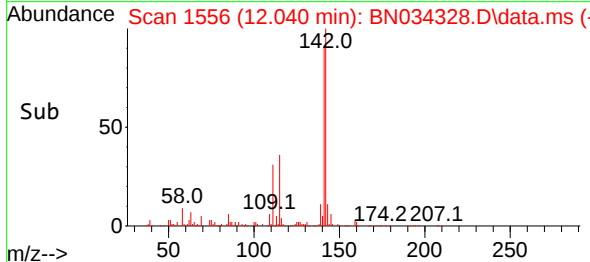
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 177982
Ion Ratio Lower Upper
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141 92.3 72.5 108.7
116 4.2 3.2 4.8

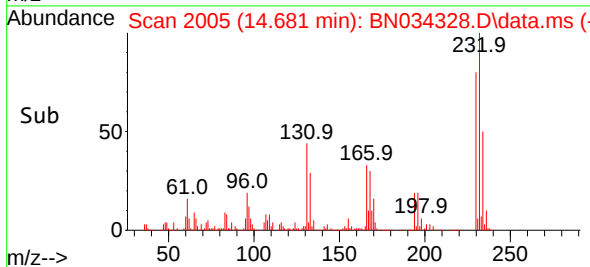
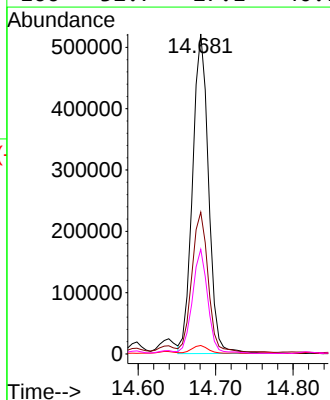
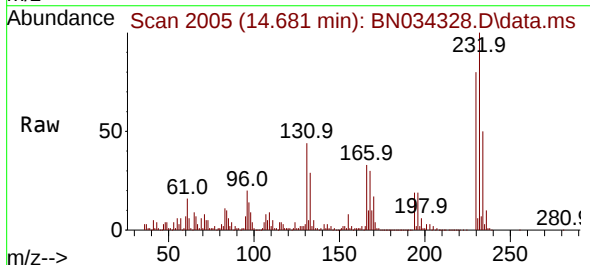
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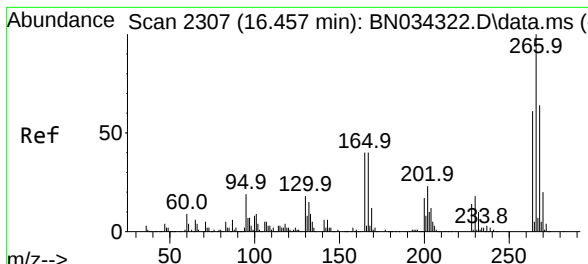
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 74.728 ng/ul
RT: 14.681 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN034328.D
Acq: 02 Oct 2024 08:56

Tgt Ion:232 Resp: 748301
Ion Ratio Lower Upper
232 100
131 44.3 41.0 61.6
130 2.7 2.2 3.2
166 32.7 27.1 40.7





#71
 Pentachlorophenol
 Concen: 631.494 ng/ul m
 RT: 16.481 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BN034328.D
 Acq: 02 Oct 2024 08:56

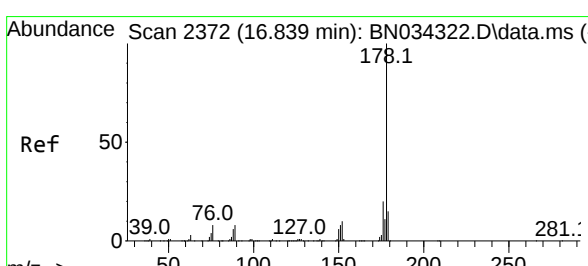
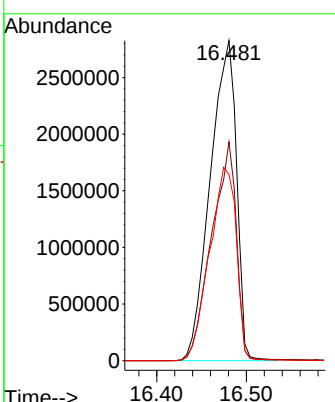
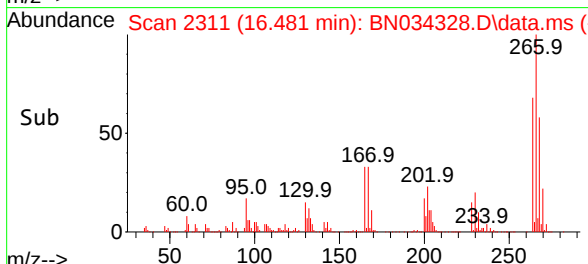
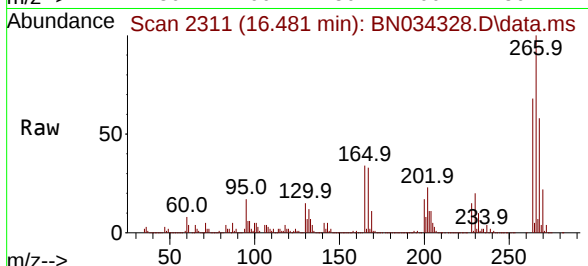
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 DDCB0DL

Tgt Ion:266 Resp: 575496

Ion	Ratio	Lower	Upper
266	100		
264	68.3	51.1	76.7
268	58.2	52.8	79.2

Manual Integrations
 APPROVED

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



#72
 Phenanthrene
 Concen: 1.834 ng/ul
 RT: 16.839 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: BN034328.D
 Acq: 02 Oct 2024 08:56

Tgt Ion:178 Resp: 117425

Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.9	17.9#
176	19.2	15.2	22.8

