

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091224\
 Data File : BN033882.D
 Acq On : 12 Sep 2024 14:35
 Operator : JU/RC
 Sample : P3878-16DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC05DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

Quant Time: Sep 13 04:08:12 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	7.493	152	146512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.251	136	624193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	409350	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.898	188	870380	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	840614	20.000	ng/u1	0.00
88) Perylene-d12	23.903	264	965611	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	3.505	84	19483	1.826	ng/u1	0.00
7) Phenol-d5	6.687	99	33421	2.570	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.840	67	24659	3.057	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.034	132	26710	2.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	24312	2.272	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	13323	2.678	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	12812	2.504	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	24310	2.523	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	53004m	3.634	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	79999	2.615	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	91255	2.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	13009	2.072	ng/u1	0.00
60) Fluorene-d10	15.139	176	71412	2.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	16.992	188	114630	2.801	ng/u1	0.00
81) Pyrene-d10	19.298	212	130824	2.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.709	264	136588	2.754	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.298	128	137753	4.035	ng/u1	97
36) 2-Methylnaphthalene	11.922	142	215467	9.162	ng/u1	99
37) 1-Methylnaphthalene	12.145	142	127369	5.350	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	377274	52.833	ng/u1#	98
71) Pentachlorophenol	16.569	266	4662870	682.467	ng/u1	94
72) Phenanthrene	16.939	178	83729	1.745	ng/u1	97

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

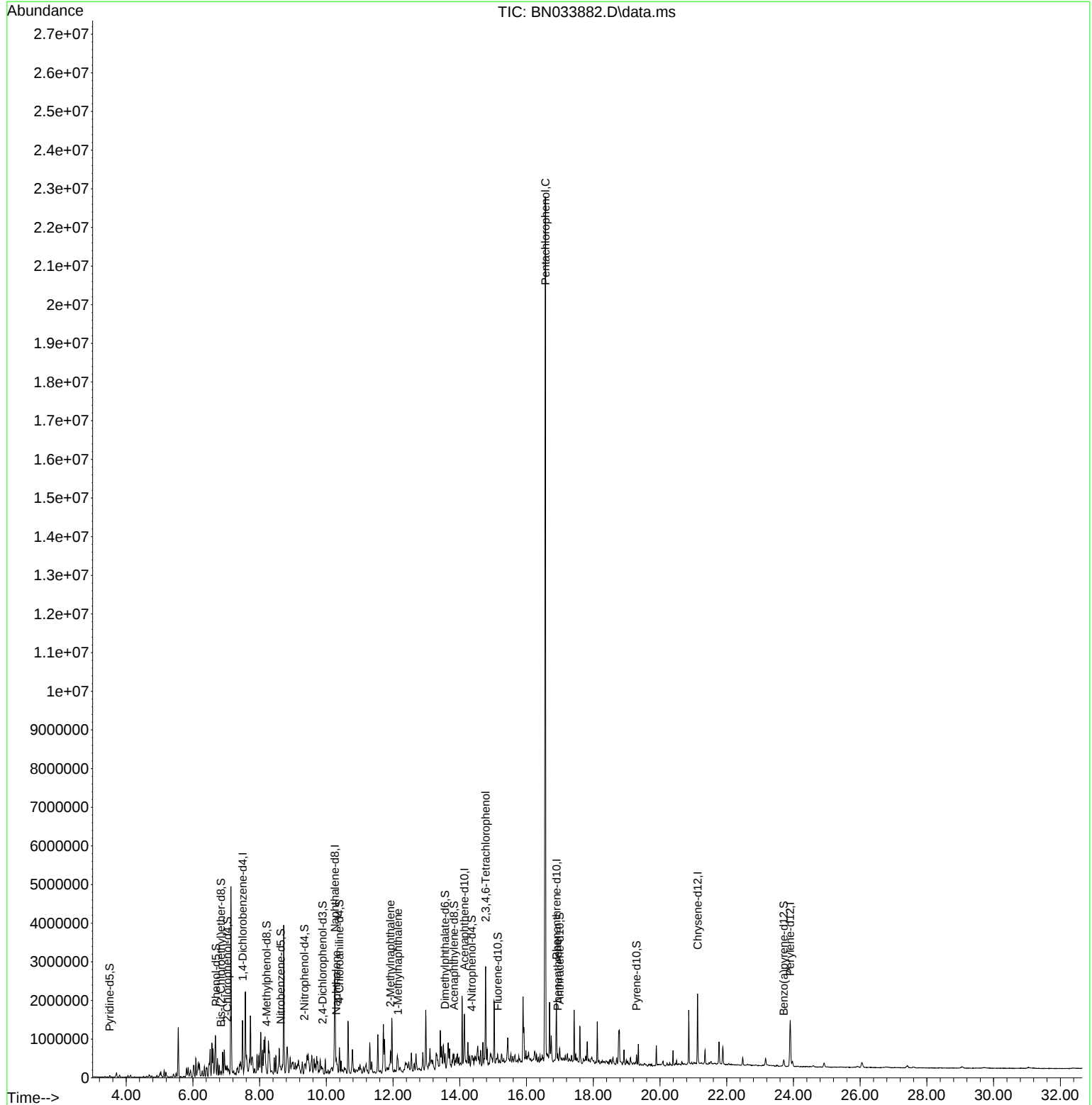
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091224\
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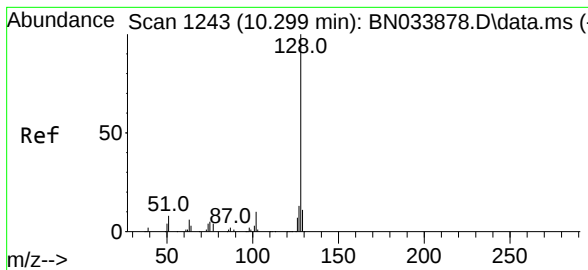
Instrument :
BNA_N
ClientSampleId :
DDC05DL

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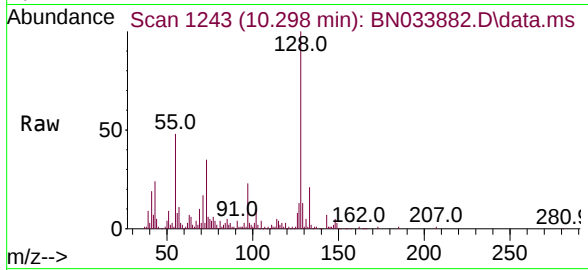
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024





#30
Naphthalene
Concen: 4.035 ng/ul
RT: 10.298 min Scan# 1243
Delta R.T. -0.012 min
Lab File: BN033882.D
Acq: 12 Sep 2024 14:35

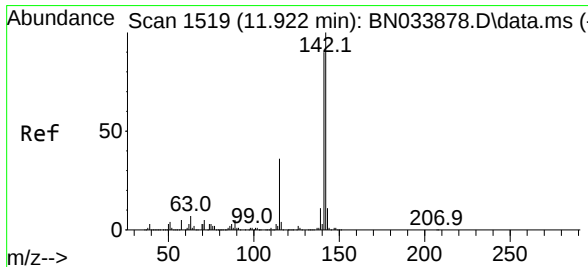
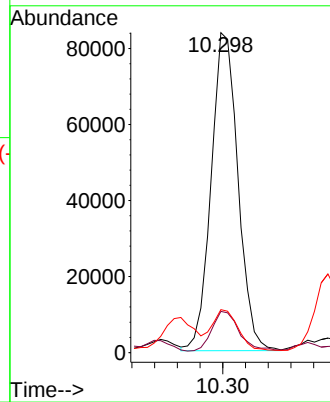
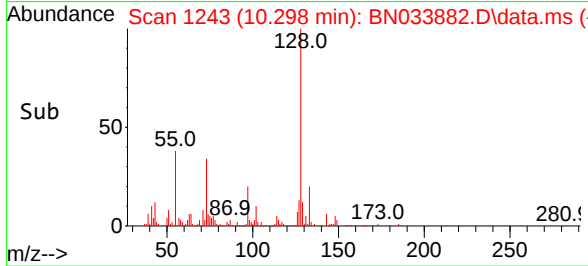
Instrument :
BNA_N
ClientSampleId :
DDC05DL



Tgt Ion:128 Resp: 137753
Ion Ratio Lower Upper
128 100
129 12.9 8.7 13.1
127 13.4 10.6 16.0

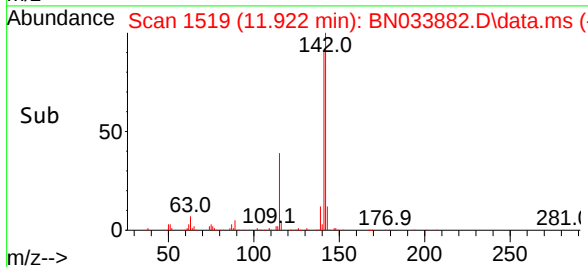
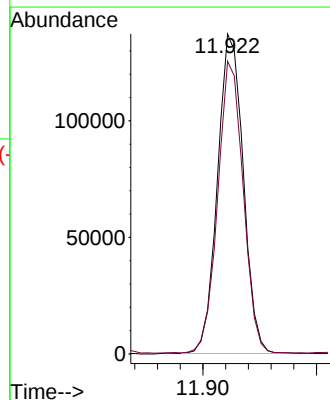
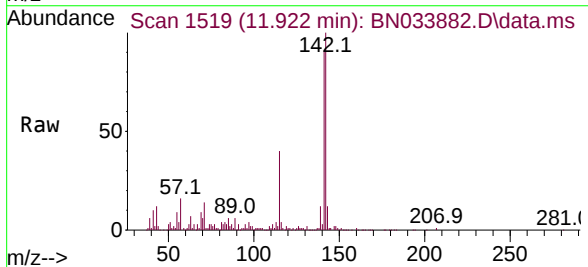
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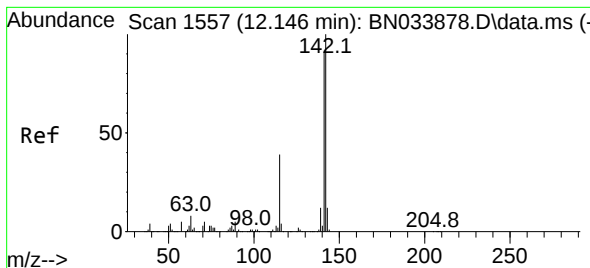
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Supervised By :mohammad ahmed 09/14/2024



#36
2-Methylnaphthalene
Concen: 9.162 ng/ul
RT: 11.922 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BN033882.D
Acq: 12 Sep 2024 14:35

Tgt Ion:142 Resp: 215467
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2





#37

1-Methylnaphthalene

Concen: 5.350 ng/ul

RT: 12.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN033882.D

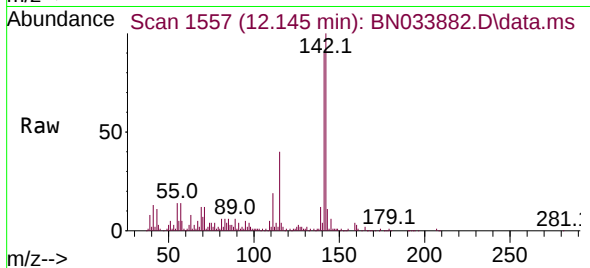
Acq: 12 Sep 2024 14:35

Instrument :

BNA_N

ClientSampleId :

DDC05DL



Tgt Ion:142 Resp: 127369

Ion Ratio Lower Upper

142 100

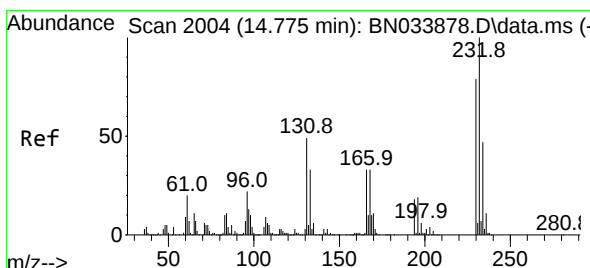
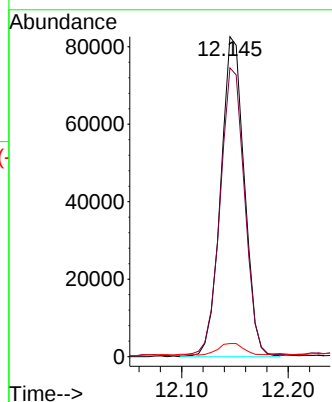
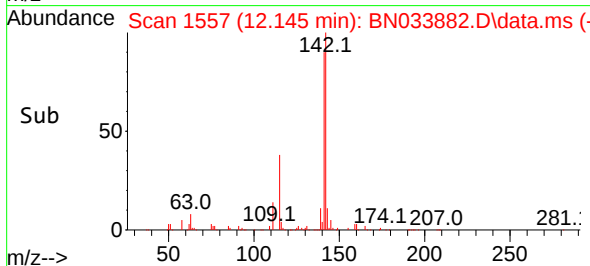
141 90.2 72.5 108.7

116 4.1 3.2 4.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.833 ng/ul

RT: 14.775 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BN033882.D

Acq: 12 Sep 2024 14:35

Tgt Ion:232 Resp: 377274

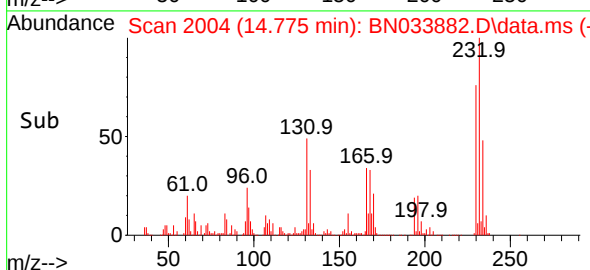
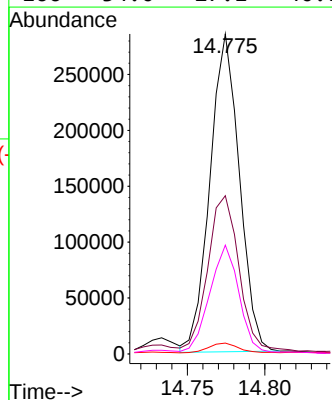
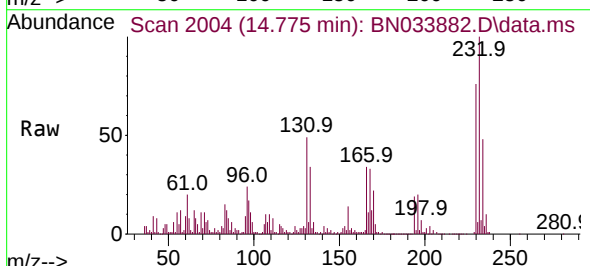
Ion Ratio Lower Upper

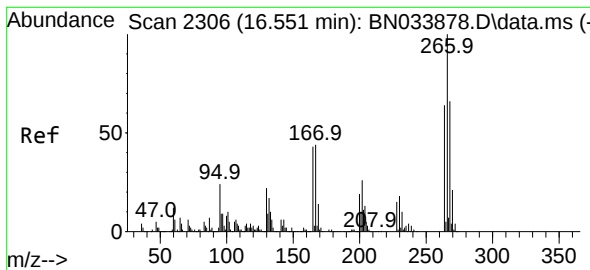
232 100

131 49.4 41.0 61.6

130 3.4 2.2 3.2#

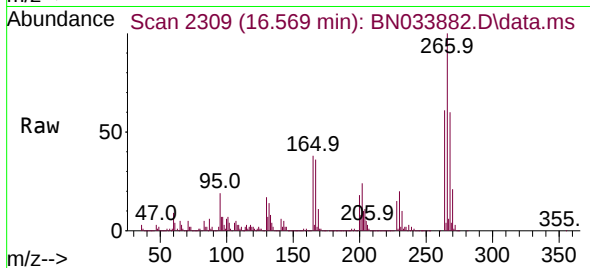
166 34.0 27.1 40.7





#71
Pentachlorophenol
Concen: 682.467 ng/ul
RT: 16.569 min Scan# 2309
Delta R.T. 0.017 min
Lab File: BN033882.D
Acq: 12 Sep 2024 14:35

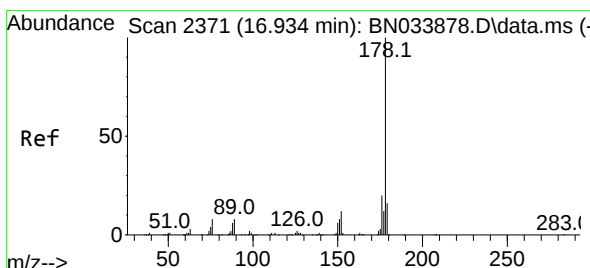
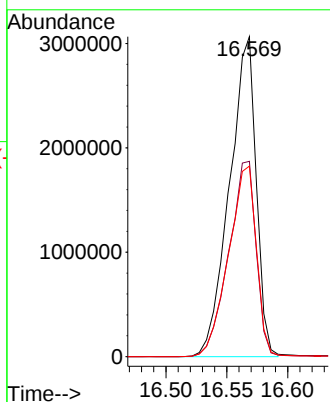
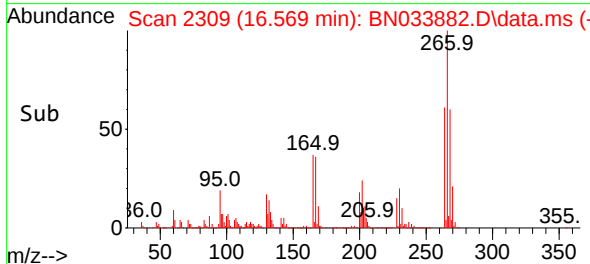
Instrument :
BNA_N
ClientSampleId :
DDC05DL



Tgt Ion:266 Resp: 4662876
Ion Ratio Lower Upper
266 100
264 61.0 51.1 76.7
268 59.5 52.8 79.2

Manual Integrations
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Supervised By :mohammad ahmed 09/14/2024



#72
Phenanthrene
Concen: 1.745 ng/ul
RT: 16.939 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BN033882.D
Acq: 12 Sep 2024 14:35

Tgt Ion:178 Resp: 83729
Ion Ratio Lower Upper
178 100
179 17.5 11.9 17.9
176 19.1 15.2 22.8

