

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034315.D
 Acq On : 01 Oct 2024 23:46
 Operator : RC/JU
 Sample : P4019-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCA9

Manual Integrations
 APPROVED

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

Quant Time: Oct 02 01:03:26 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	236573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.146	136	926049	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	558337	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.804	188	1132527	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	1053685	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1312875	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	14177	2.445	ng/uL	0.00
4) Pyridine-d5	3.405	84	23953m	1.390	ng/u1	0.02
7) Phenol-d5	6.587	99	280396	13.355	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	168176	12.910	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	245524	14.856	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	217338	12.580	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	111110	15.053	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	124737	16.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	226020	15.812	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	259741	12.002	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	697108	16.707	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	820649	17.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	90244	10.538	ng/u1	0.00
60) Fluorene-d10	15.045	176	606419	17.148	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	99122	14.679	ng/u1	0.00
73) Anthracene-d10	16.898	188	931799	17.500	ng/u1	0.00
81) Pyrene-d10	19.204	212	1083013	18.447	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	1223689	18.145	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.193	128	114306	2.257	ng/u1	99
36) 2-Methylnaphthalene	11.816	142	218120	6.251	ng/u1	98
37) 1-Methylnaphthalene	12.040	142	156875	4.442	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	14.681	232	985124	101.143	ng/u1	92
71) Pentachlorophenol	16.481	266	5816240	654.231	ng/u1	97
72) Phenanthrene	16.845	178	160912	2.577	ng/u1#	96

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

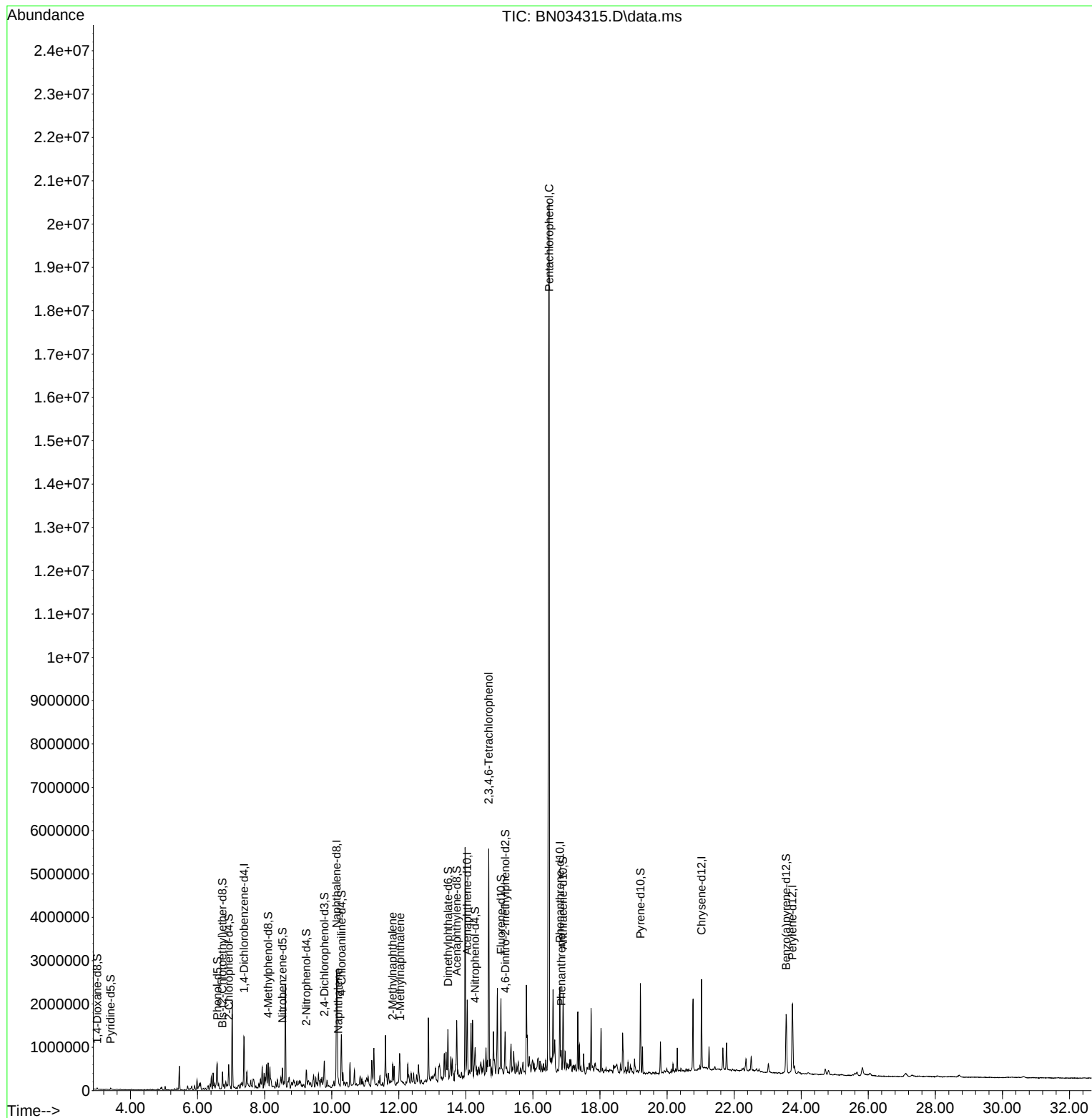
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
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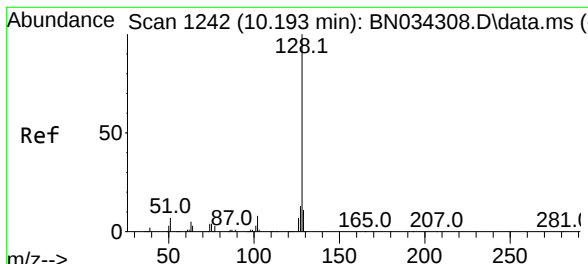
Instrument :
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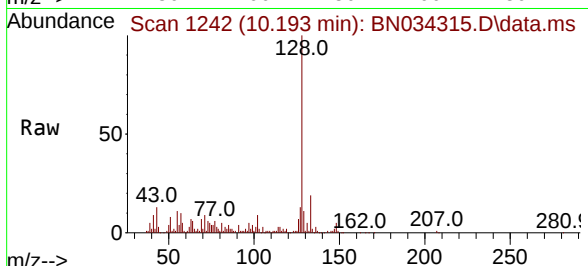
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024





#30
Naphthalene
Concen: 2.257 ng/ul
RT: 10.193 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BN034315.D
Acq: 01 Oct 2024 23:46

Instrument : BNA_N
ClientSampleId : DDCA9

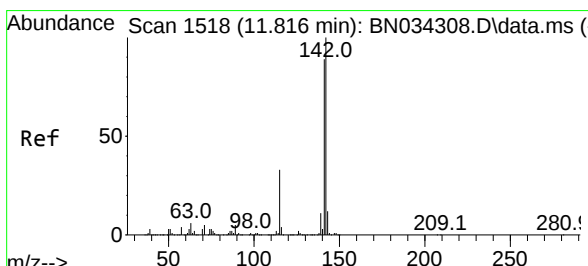
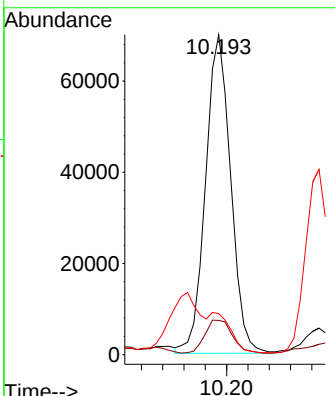
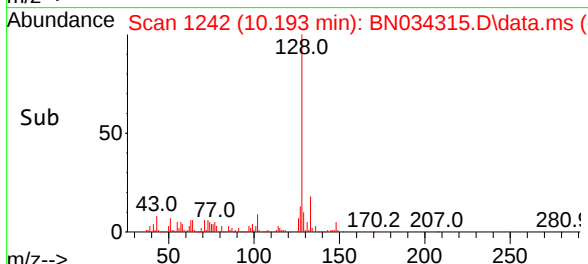


Tgt Ion:128 Resp: 114300

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.8	10.6	16.0

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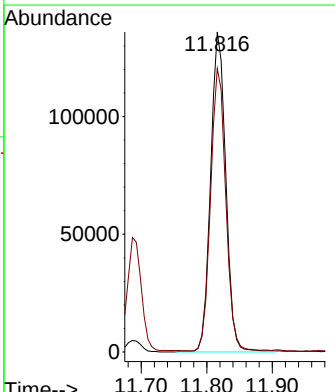
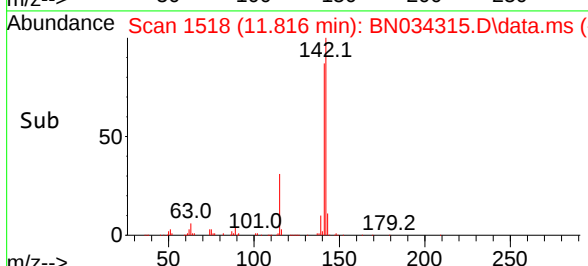
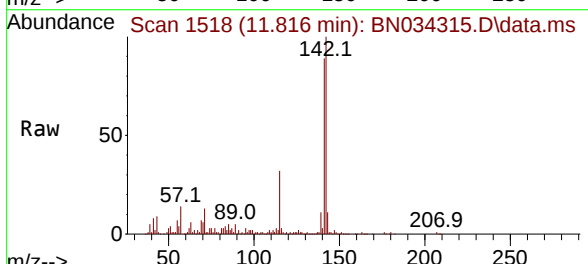
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

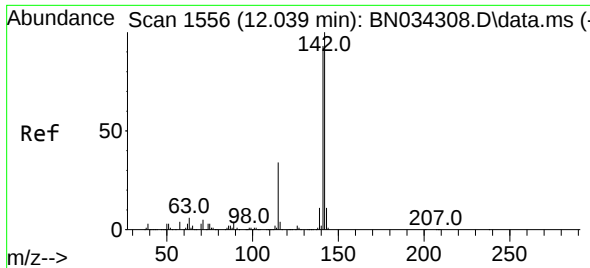


#36
2-Methylnaphthalene
Concen: 6.251 ng/ul
RT: 11.816 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BN034315.D
Acq: 01 Oct 2024 23:46

Tgt Ion:142 Resp: 218120

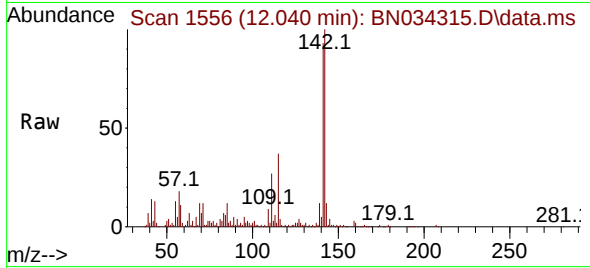
Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2





#37
1-Methylnaphthalene
Concen: 4.442 ng/ul
RT: 12.040 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN034315.D
Acq: 01 Oct 2024 23:46

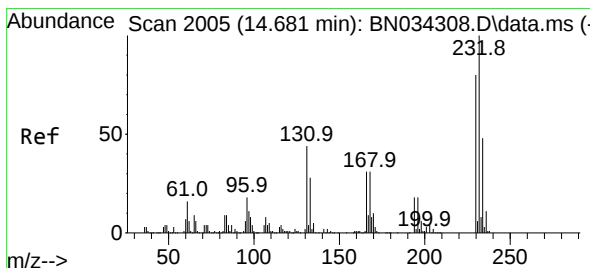
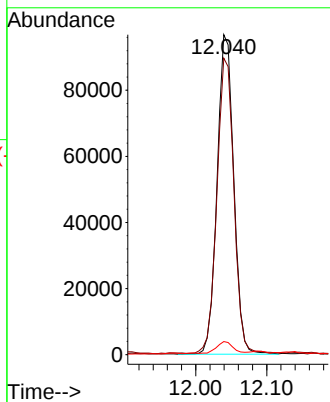
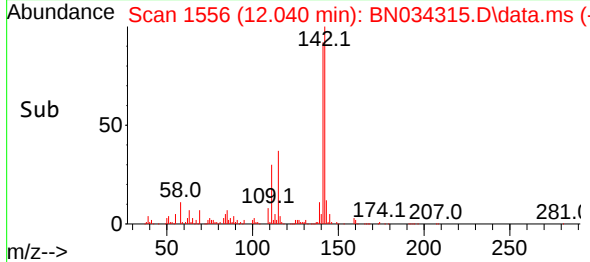
Instrument :
BNA_N
ClientSampleId :
DDCA9



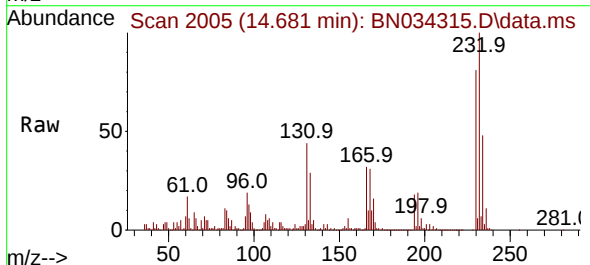
Tgt Ion:142 Resp: 156879
Ion Ratio Lower Upper
142 100
141 92.7 72.5 108.7
116 4.1 3.2 4.8

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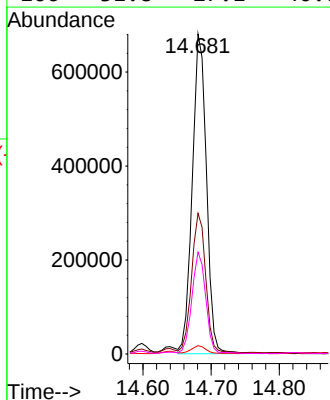
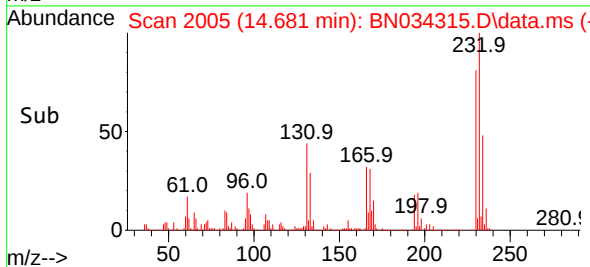
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

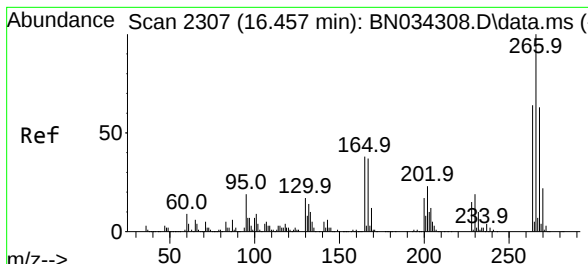


#58
2,3,4,6-Tetrachlorophenol
Concen: 101.143 ng/ul
RT: 14.681 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN034315.D
Acq: 01 Oct 2024 23:46



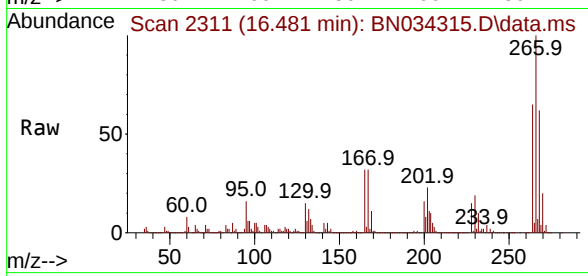
Tgt Ion:232 Resp: 985124
Ion Ratio Lower Upper
232 100
131 43.9 41.0 61.6
130 2.6 2.2 3.2
166 31.8 27.1 40.7





#71
 Pentachlorophenol
 Concen: 654.231 ng/u1
 RT: 16.481 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BN034315.D
 Acq: 01 Oct 2024 23:46

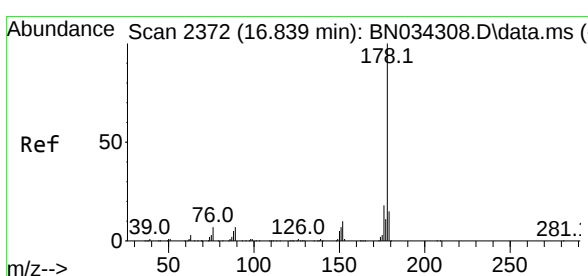
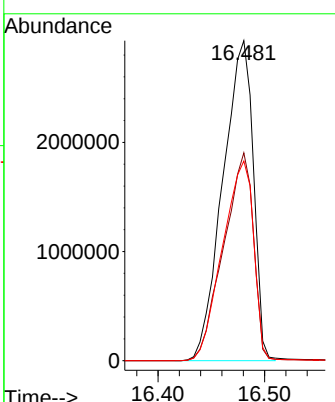
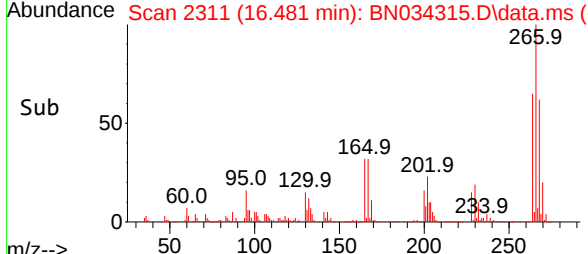
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:266 Resp: 5816240

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.1	76.7
268	62.4	52.8	79.2

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 Reviewed By :Yogesh Patel 10/02/2024
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#72
 Phenanthrene
 Concen: 2.577 ng/u1
 RT: 16.845 min Scan# 2373
 Delta R.T. 0.006 min
 Lab File: BN034315.D
 Acq: 01 Oct 2024 23:46

Tgt Ion:178 Resp: 160912

Ion	Ratio	Lower	Upper
178	100		
179	18.2	11.9	17.9#
176	19.3	15.2	22.8

