

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030625.D
 Acq On : 03 Apr 2024 12:52
 Operator : MA/JU
 Sample : P1934-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0R41

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 03 13:26:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	151261m	20.000	ng/u1	0.02
20) Naphthalene-d8	10.493	136	949028	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.334	164	622313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1312878	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1198565	20.000	ng/u1	0.00
88) Perylene-d12	24.262	264	1165414	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	25234	7.822	ng/uL	0.00
4) Pyridine-d5	3.605	84	129317	13.369	ng/u1	0.00
7) Phenol-d5	6.863	99	121821	9.956	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	423205	55.996	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	407769	43.929	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	248912	24.272	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	282688	42.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	275244	45.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	466004	35.344	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	319644	14.726	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1695072	40.797	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1992849	41.716	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	45089	5.673	ng/u1	0.00
60) Fluorene-d10	15.334	176	1495631	41.135	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	189936	32.776	ng/u1	0.00
73) Anthracene-d10	17.180	188	2385262	42.167	ng/u1	0.00
81) Pyrene-d10	19.486	212	2810230	43.610	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	2472635	46.046	ng/u1	0.00
Target Compounds						
12) 2-Chlorophenol	7.263	128	29740	2.987	ng/u1	97
22) Nitrobenzene	8.899	77	1202439	74.821	ng/u1	99
25) 2-Nitrophenol	9.599	139	15742	2.224	ng/u1#	93
39) 1,2,4,5-Tetrachloroben...	12.510	216	795316	49.521	ng/u1	96
75) 1,2,3,4-Tetrachloroben...	13.128	216	1715609	106.366	ng/uL	95
76) Pentachlorobenzene	14.651	250	54744	3.342	ng/uL	91

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

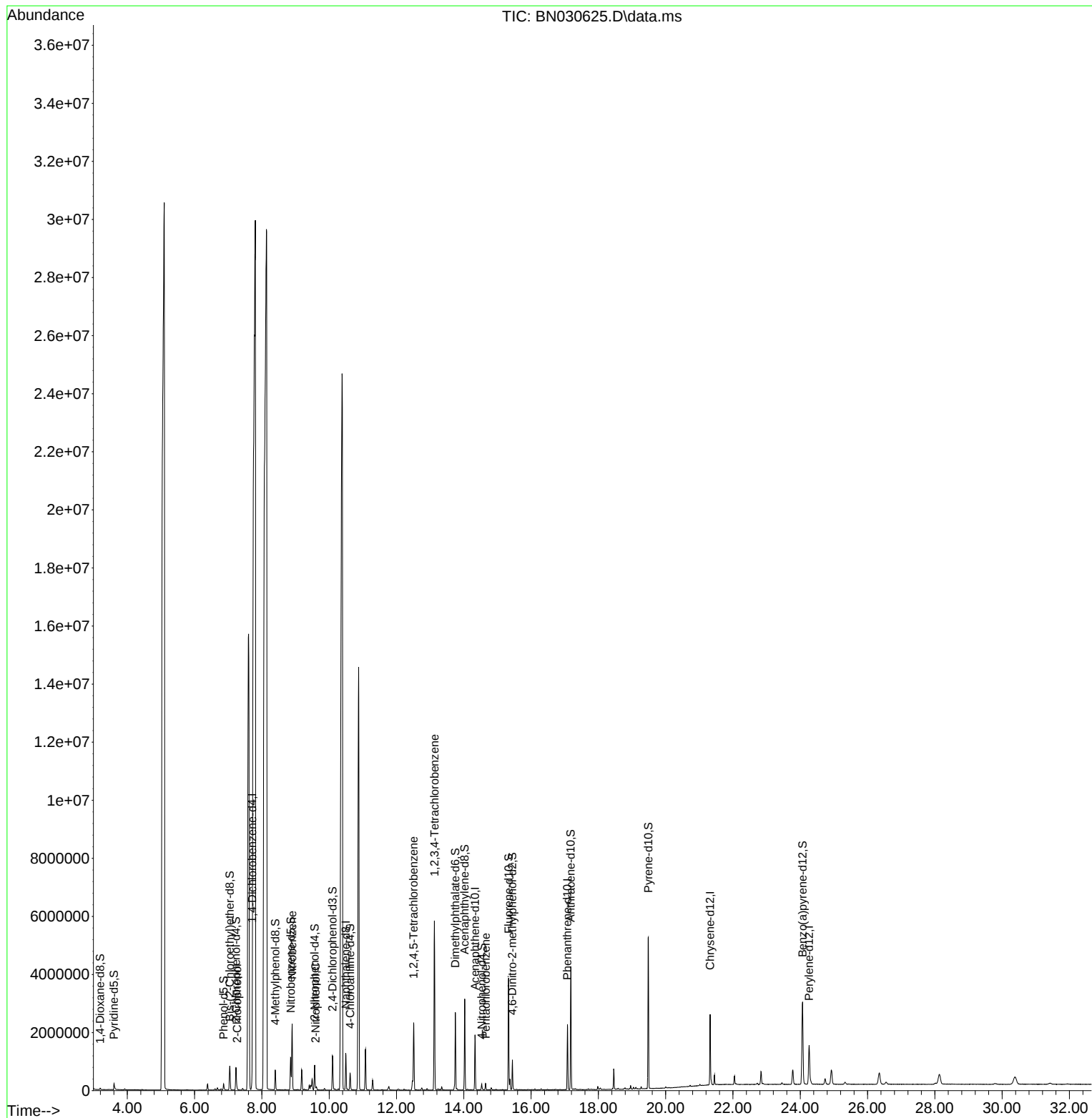
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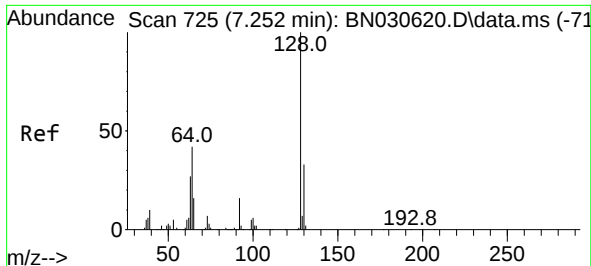
Instrument :
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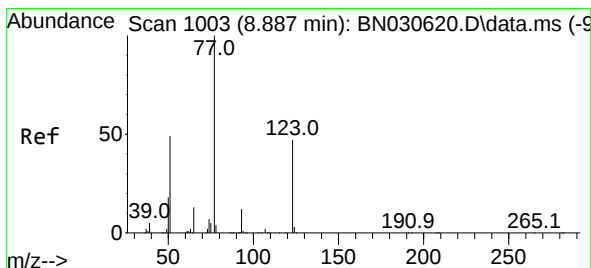
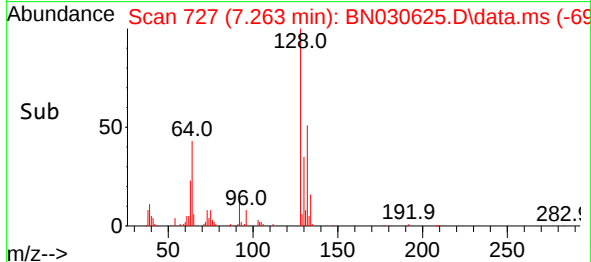
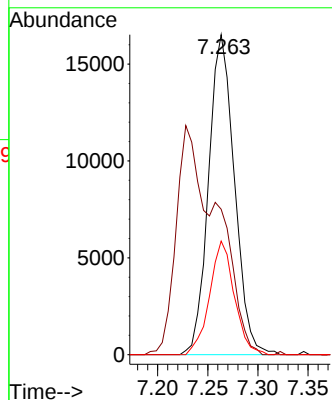
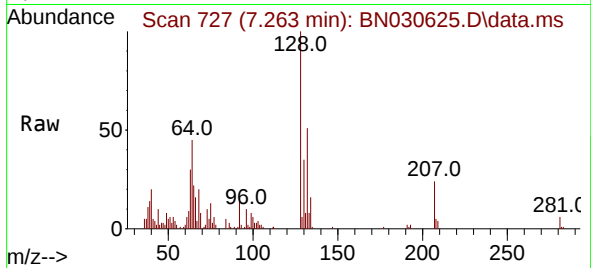
#12
2-Chlorophenol
Concen: 2.987 ng/ul
RT: 7.263 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

Instrument :
BNA_N
ClientSampleId :
COR41

Tgt Ion:128 Resp: 29740
Ion Ratio Lower Upper
128 100
64 45.5 37.0 55.4
130 35.5 26.3 39.5

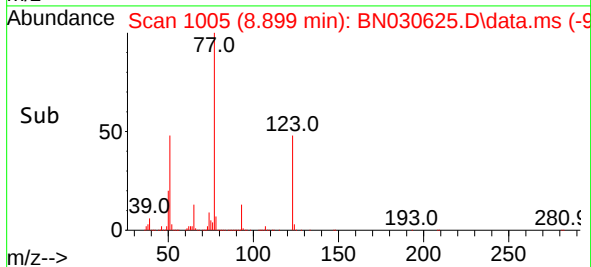
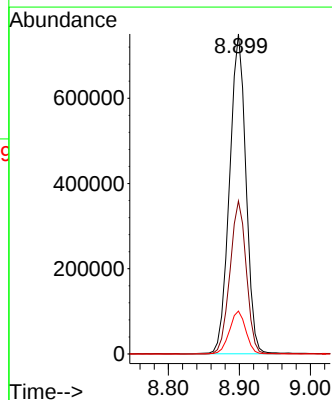
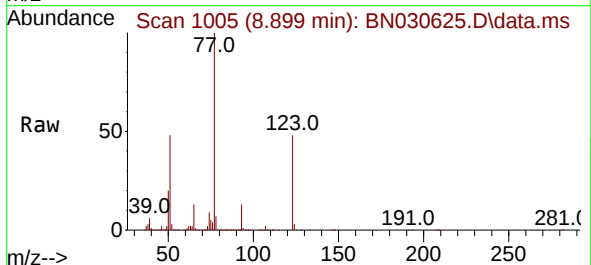
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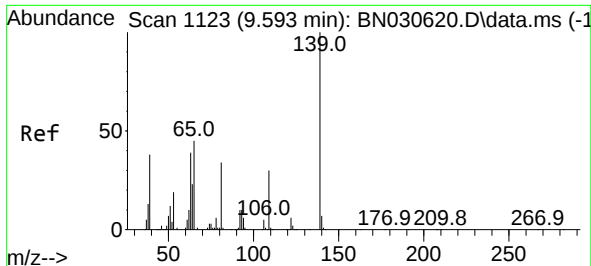
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024



#22
Nitrobenzene
Concen: 74.821 ng/ul
RT: 8.899 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

Tgt Ion: 77 Resp: 1202439
Ion Ratio Lower Upper
77 100
123 47.8 37.5 56.3
65 13.4 10.6 15.8





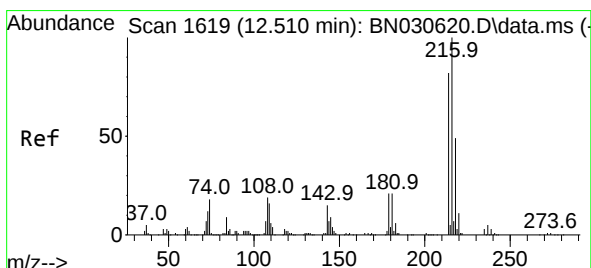
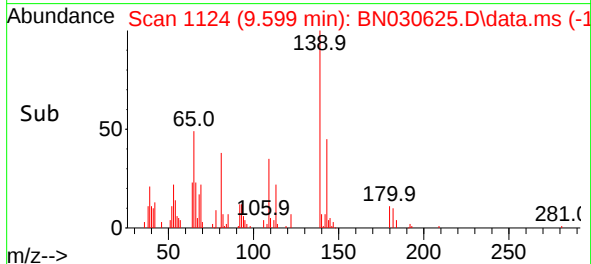
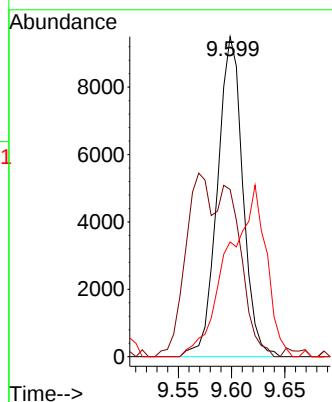
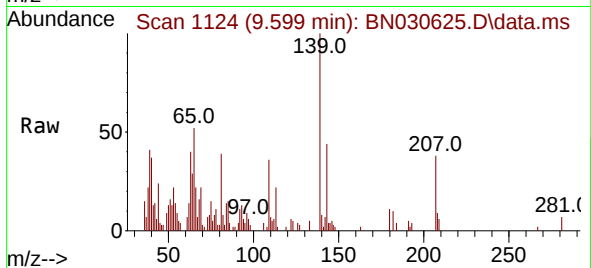
#25
2-Nitrophenol
Concen: 2.224 ng/ul
RT: 9.599 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

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ClientSampleId :
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Tgt Ion:139 Resp: 15742
Ion Ratio Lower Upper
139 100
65 52.3 39.5 59.3
109 35.9 23.8 35.8

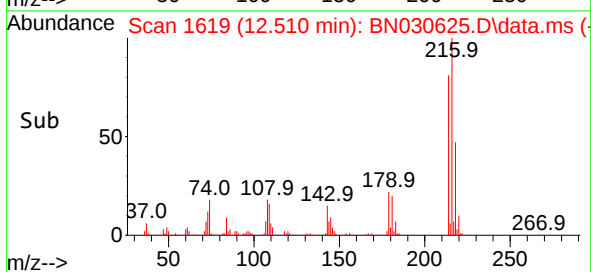
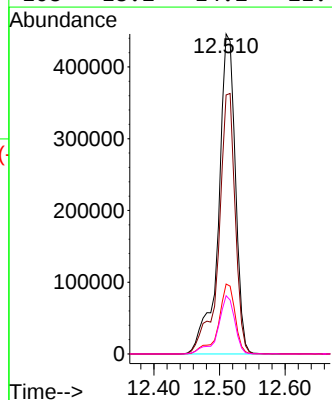
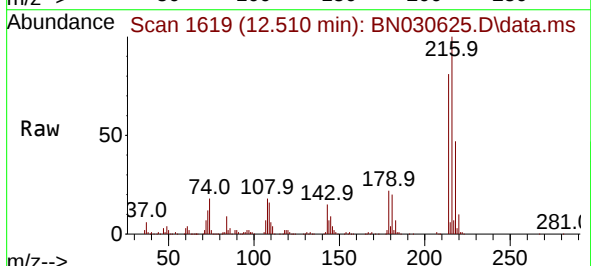
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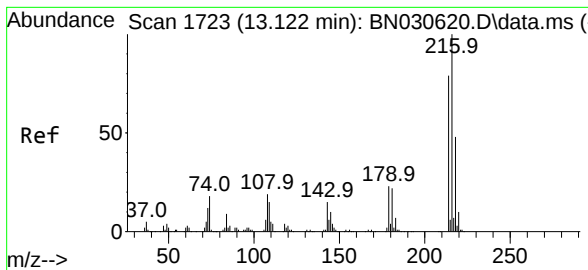
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.521 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

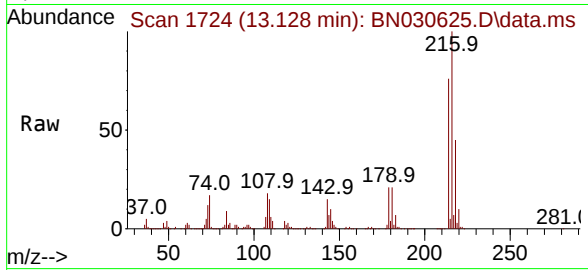
Tgt Ion:216 Resp: 795316
Ion Ratio Lower Upper
216 100
214 81.0 60.9 91.3
179 21.8 17.4 26.0
108 18.2 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 106.366 ng/uL
RT: 13.128 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

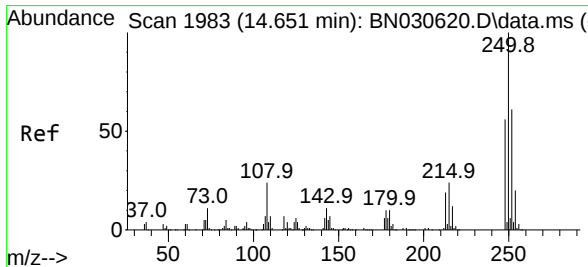
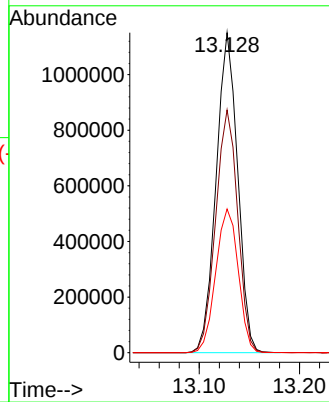
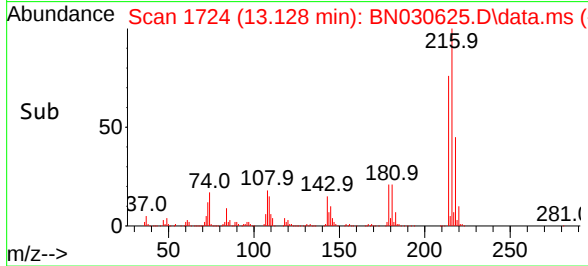
Instrument :
BNA_N
ClientSampleId :
C0R41



Tgt Ion:216 Resp: 1715609
Ion Ratio Lower Upper
216 100
214 75.8 63.1 94.7
218 44.9 39.5 59.3

Manual Integrations
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Supervised By :mohammad ahmed 04/06/2024



#76
Pentachlorobenzene
Concen: 3.342 ng/uL
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BN030625.D
Acq: 03 Apr 2024 12:52

Tgt Ion:250 Resp: 54744
Ion Ratio Lower Upper
250 100
248 64.0 45.8 68.6
252 54.9 48.7 73.1

