

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030613.D
 Acq On : 02 Apr 2024 14:45
 Operator : MA/JU
 Sample : P1934-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0R36

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 22:53:19 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	7.687	152	191490	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	846209	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	537581	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	2319672	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	2258766	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	2323850	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	24571	6.016	ng/uL	-0.01
4) Pyridine-d5	3.599	84	124705	10.184	ng/u1	0.00
7) Phenol-d5	6.852	99	101597	6.559	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	299917	31.347	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.216	132	309600	26.346	ng/u1	-0.01
15) 4-Methylphenol-d8	8.387	113	198090	15.258	ng/u1	-0.01
21) Nitrobenzene-d5	8.846	128	214856	36.602	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	213988	39.849	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	357028	30.369	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	284205	14.684	ng/u1	-0.01
46) Dimethylphthalate-d6	13.751	166	1316301	36.674	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1572432	38.104	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	106348	15.490	ng/u1	-0.01
60) Fluorene-d10	15.322	176	2311189	73.585	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.439	200	401805	39.243	ng/u1	-0.01
73) Anthracene-d10	17.181	188	3637428	36.394	ng/u1	0.00
81) Pyrene-d10	19.486	212	4361568	35.915	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	4346678	40.594	ng/u1	0.00
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.252	128	27248	2.162	ng/u1	98
22) Nitrobenzene	8.887	77	753620	52.591	ng/u1	100
25) 2-Nitrophenol	9.593	139	15123	2.396	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.510	216	25041m	1.805	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	14.951	232	12407	1.526	ng/u1#	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	122743	4.307	ng/uL	98

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

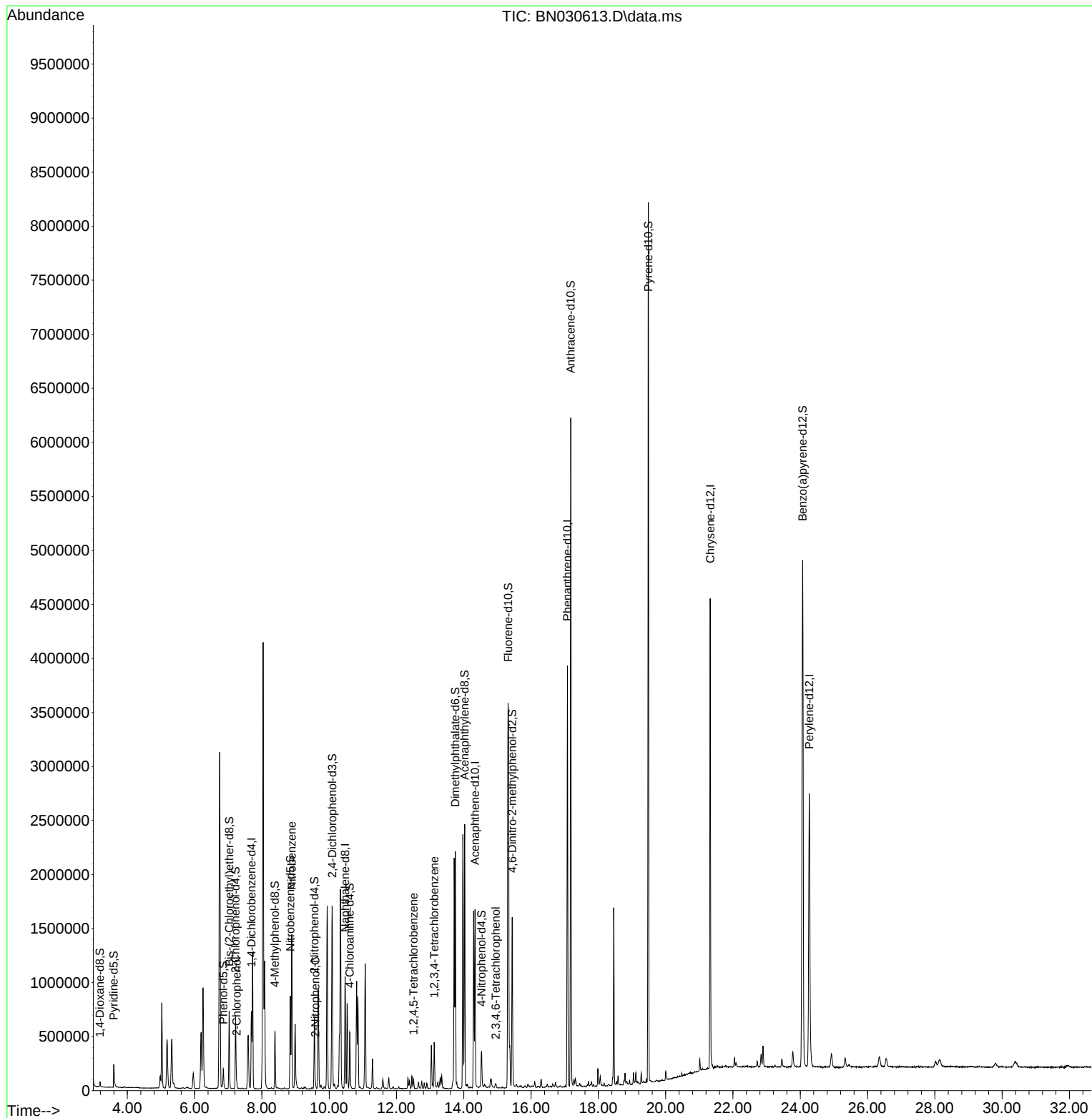
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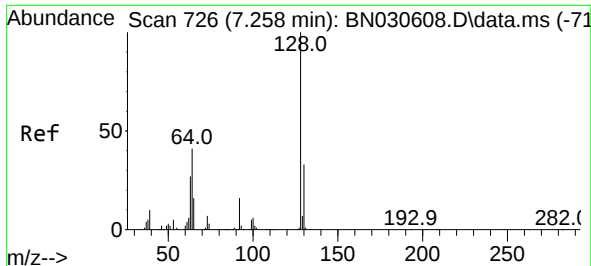
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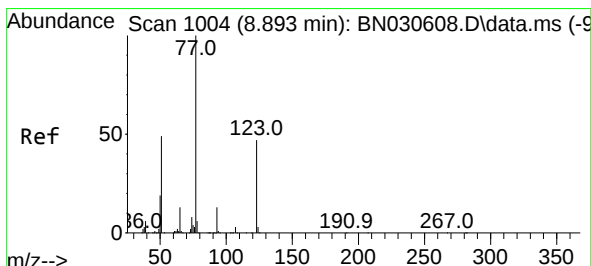
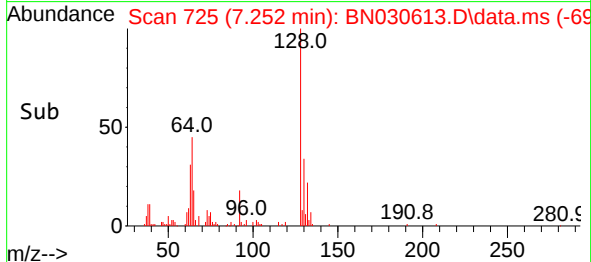
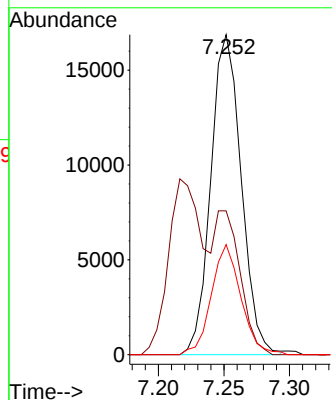
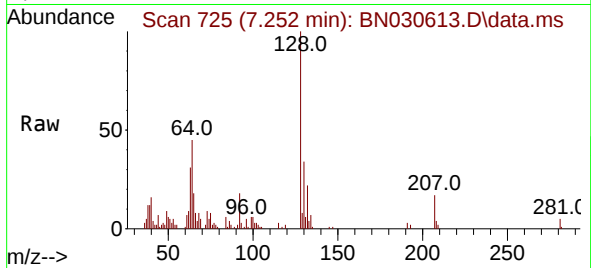
#12
2-Chlorophenol
Concen: 2.162 ng/ul
RT: 7.252 min Scan# 71
Delta R.T. -0.012 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45

Instrument :
BNA_N
ClientSampleId :
COR36

Tgt Ion:128 Resp: 2724
Ion Ratio Lower Upper
128 100
64 45.0 37.0 55.4
130 34.4 26.3 39.5

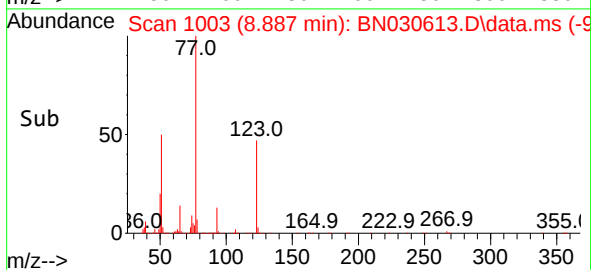
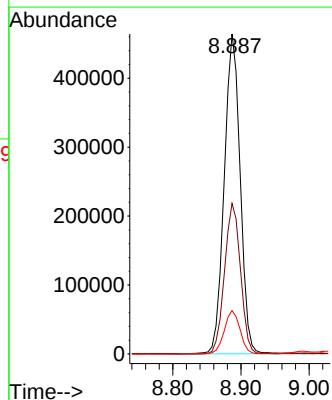
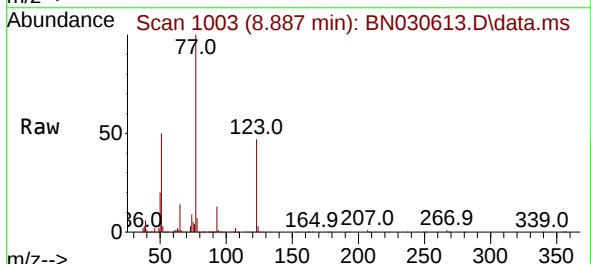
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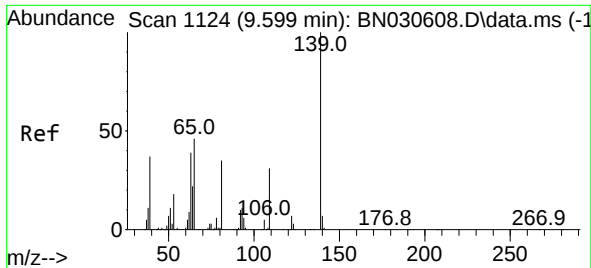
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024



#22
Nitrobenzene
Concen: 52.591 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45

Tgt Ion: 77 Resp: 753620
Ion Ratio Lower Upper
77 100
123 47.0 37.5 56.3
65 13.5 10.6 15.8





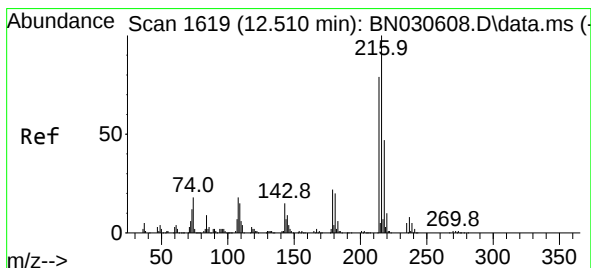
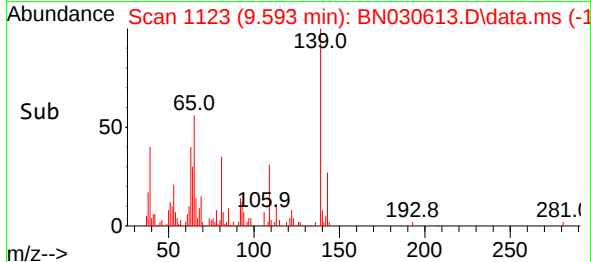
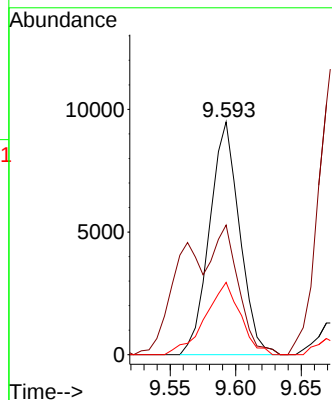
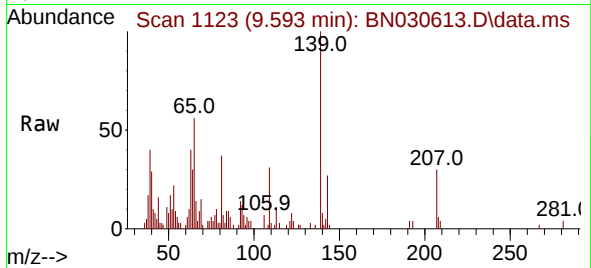
#25
2-Nitrophenol
Concen: 2.396 ng/ul
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45

Instrument :
BNA_N
ClientSampleId :
COR36

Tgt Ion:139 Resp: 1512
Ion Ratio Lower Upper
139 100
65 55.7 39.5 59.3
109 31.1 23.8 35.8

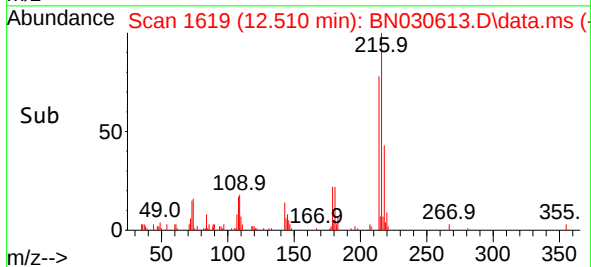
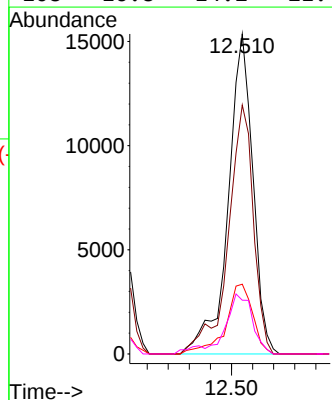
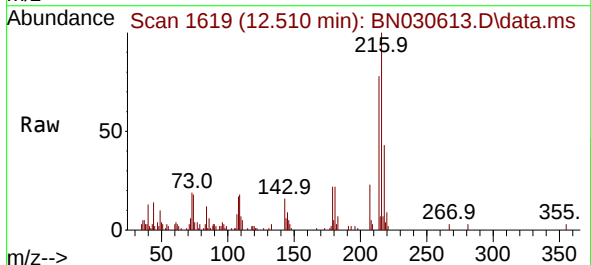
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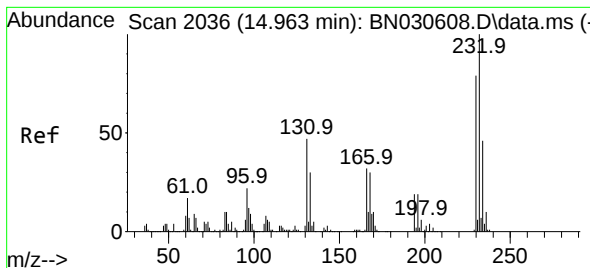
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.805 ng/ul m
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45

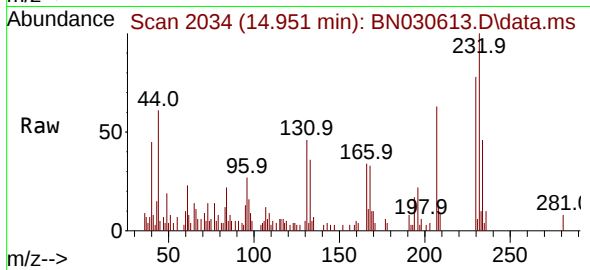
Tgt Ion:216 Resp: 25041
Ion Ratio Lower Upper
216 100
214 77.8 60.9 91.3
179 21.8 17.4 26.0
108 16.8 14.2 21.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 1.526 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45

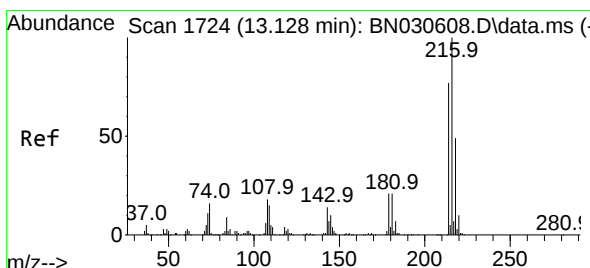
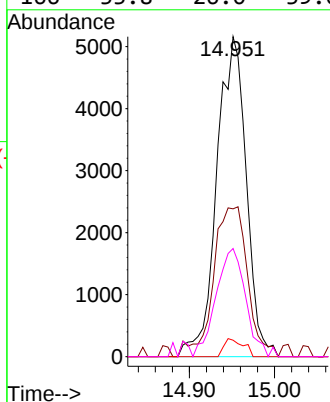
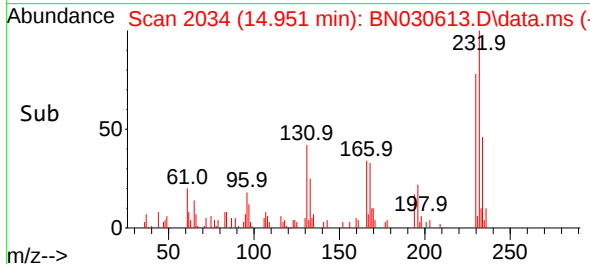
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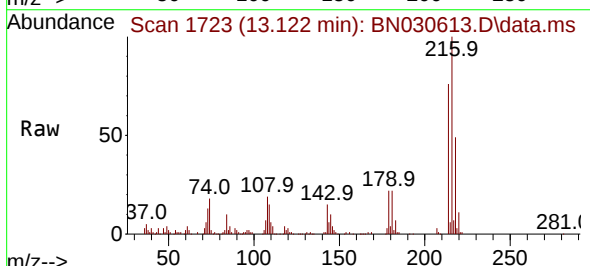
Tgt Ion:232 Resp: 1240
Ion Ratio Lower Upper
232 100
131 46.2 36.6 55.0
130 5.1 2.2 3.2
166 33.8 26.0 39.0

Manual Integrations
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.307 ng/uL
RT: 13.122 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BN030613.D
Acq: 02 Apr 2024 14:45



Tgt Ion:216 Resp: 122743
Ion Ratio Lower Upper
216 100
214 76.1 63.1 94.7
218 49.1 39.5 59.3

