

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031095.D
 Acq On : 21 Apr 2024 05:19
 Operator : MA/JU
 Sample : P2159-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 21 14:24:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	123294m	20.000	ng/u1	0.02
20) Naphthalene-d8	10.451	136	746356	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.280	164	499353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1150496	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	1380334	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1696647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	14720	5.578	ng/uL	0.00
4) Pyridine-d5	3.563	84	79062	10.403	ng/u1	0.01
7) Phenol-d5	6.810	99	83679	8.046	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	302274	49.953	ng/u1	0.02
11) 2-Chlorophenol-d4	7.175	132	296987	36.674	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	167137	19.108	ng/u1	0.01
21) Nitrobenzene-d5	8.804	128	203347	37.920	ng/u1	0.01
24) 2-Nitrophenol-d4	9.516	143	209307	37.549	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	338488	30.793	ng/u1	0.01
31) 4-Chloroaniline-d4	10.569	131	458835	26.710	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1233875	35.508	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	1466064	37.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	34729	4.788	ng/u1	0.00
60) Fluorene-d10	15.274	176	1123093	37.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	157237	27.089	ng/u1	0.00
73) Anthracene-d10	17.127	188	1853587	37.171	ng/u1	0.00
81) Pyrene-d10	19.433	212	2431846	35.853	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	3028354	37.640	ng/u1	0.00
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.204	128	53324	6.335	ng/u1	94
30) Naphthalene	10.492	128	370792	9.586	ng/u1	99
36) 2-Methylnaphthalene	12.080	142	44376	1.627	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	533178m	40.805	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.074	216	1403846	104.029	ng/uL	99
76) Pentachlorobenzene	14.598	250	39427	2.829	ng/uL	99

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

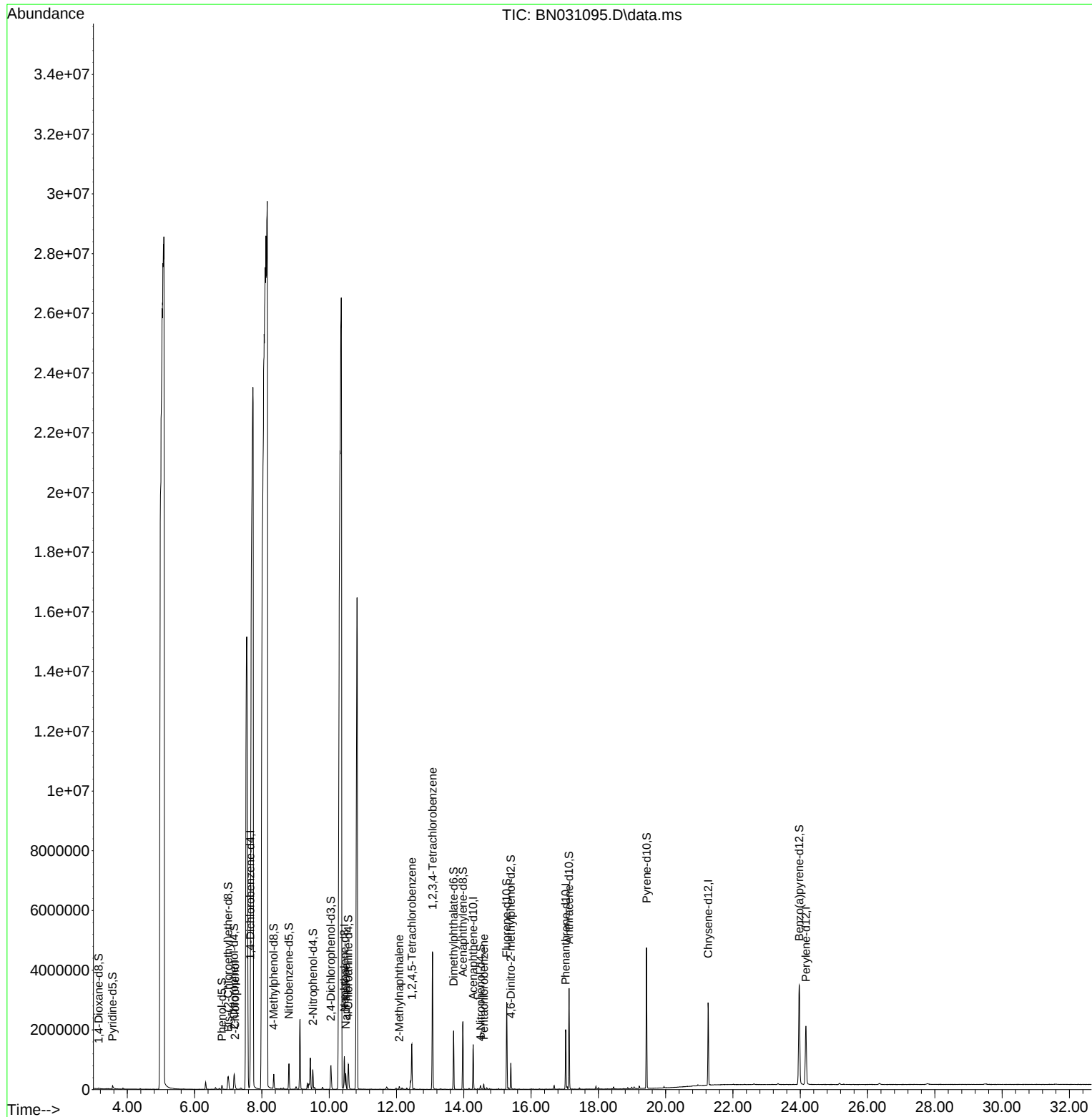
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
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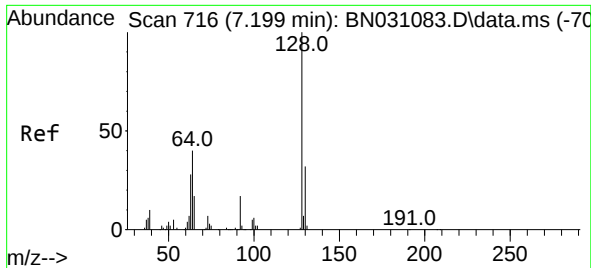
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Supervised By :mohammad ahmed 04/22/2024

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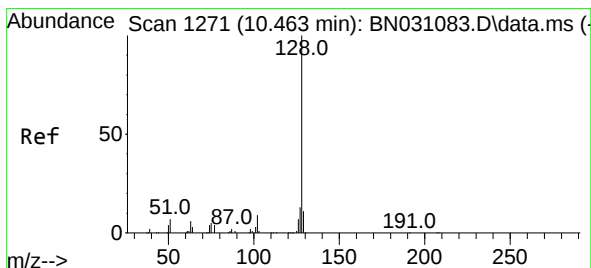
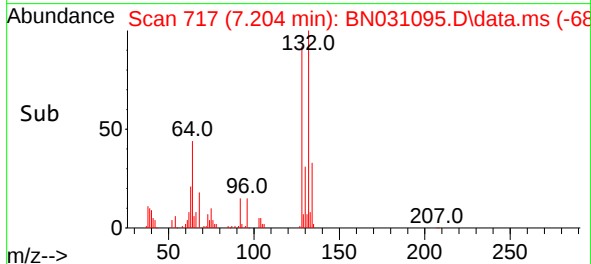
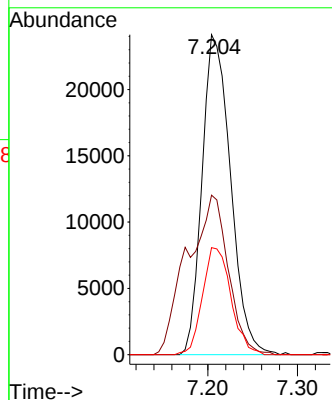
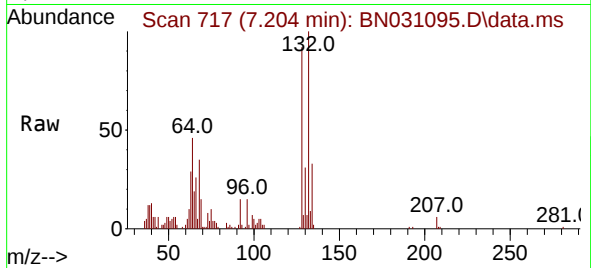
#12
2-Chlorophenol
Concen: 6.335 ng/ul
RT: 7.204 min Scan# 716
Delta R.T. 0.005 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19

Instrument :
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Tgt Ion:128 Resp: 53324
Ion Ratio Lower Upper
128 100
64 49.9 34.9 52.3
130 33.4 27.0 40.4

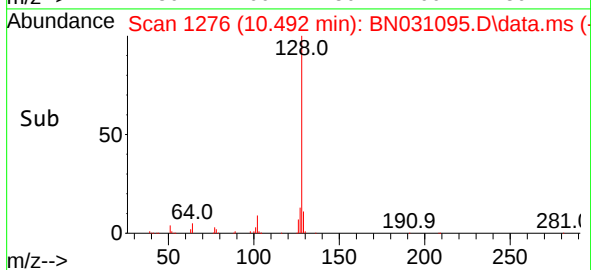
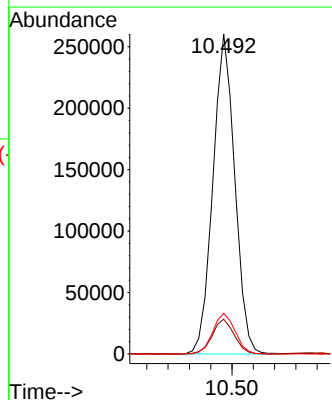
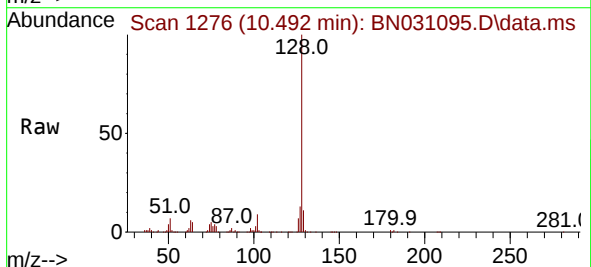
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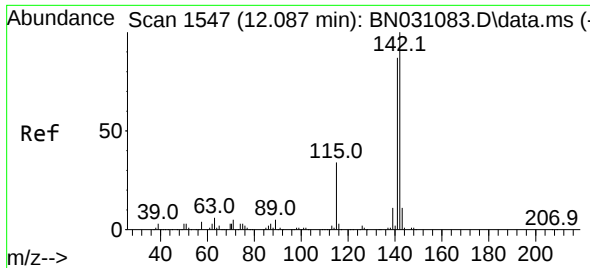
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#30
Naphthalene
Concen: 9.586 ng/ul
RT: 10.492 min Scan# 1276
Delta R.T. 0.023 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19

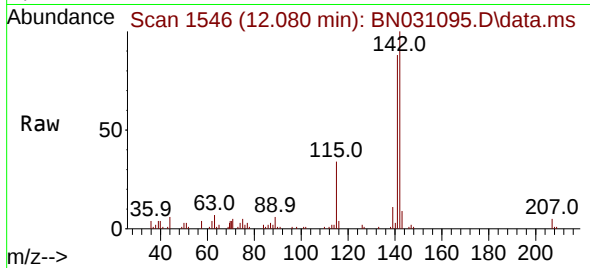
Tgt Ion:128 Resp: 370792
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.7 10.5 15.7





#36
2-Methylnaphthalene
Concen: 1.627 ng/ul
RT: 12.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19

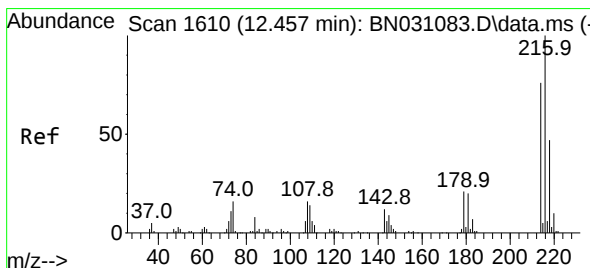
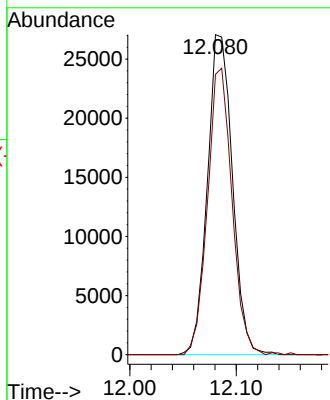
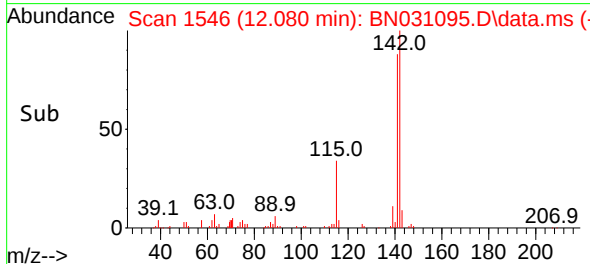
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Tgt Ion:142 Resp: 44370
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4

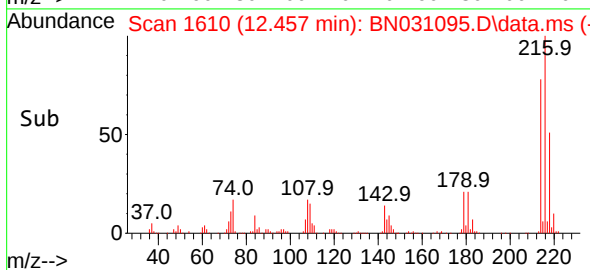
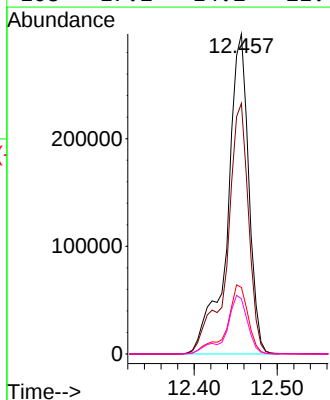
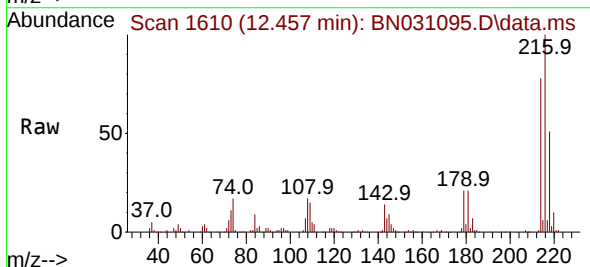
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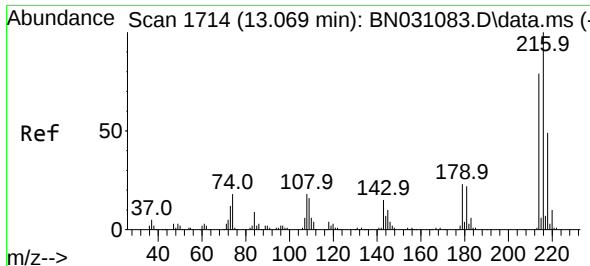
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.805 ng/ul m
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19

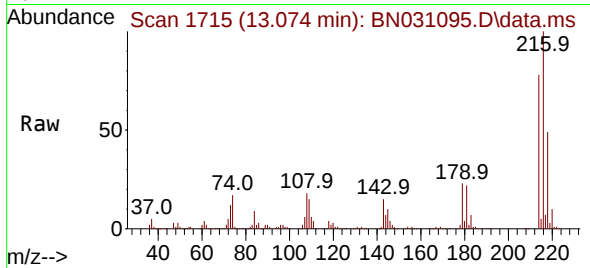
Tgt Ion:216 Resp: 533178
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 20.8 17.0 25.6
108 17.2 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 104.029 ng/uL
RT: 13.074 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19

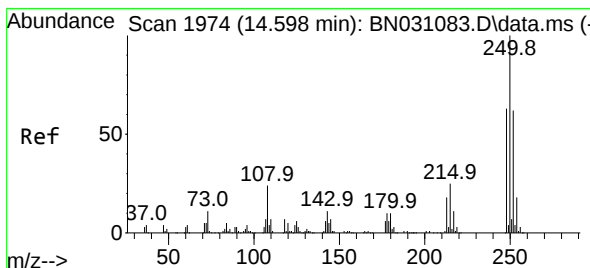
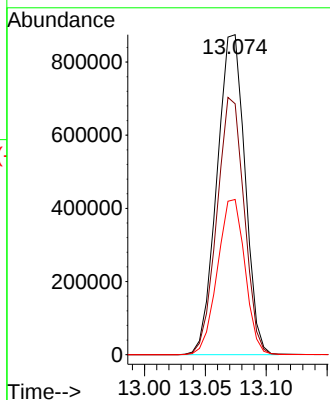
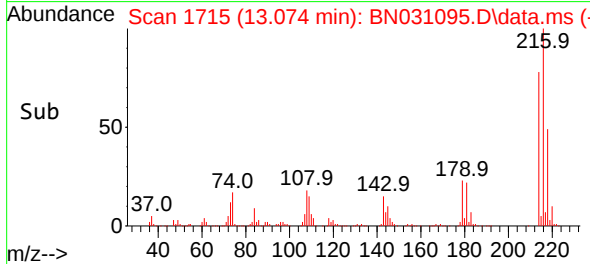
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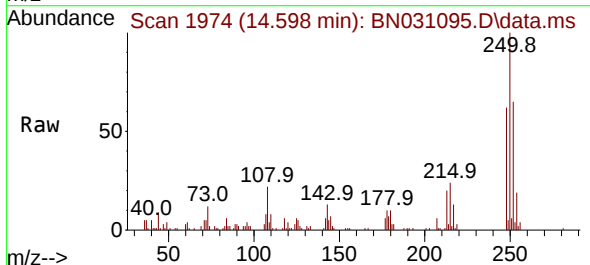
Tgt Ion:216 Resp: 140384
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.6
218 48.5 38.3 57.5

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/22/2024



#76
Pentachlorobenzene
Concen: 2.829 ng/uL
RT: 14.598 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN031095.D
Acq: 21 Apr 2024 05:19



Tgt Ion:250 Resp: 39427
Ion Ratio Lower Upper
250 100
248 61.6 49.3 73.9
252 65.1 52.9 79.3

