

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010030.D
 Acq On : 22 Apr 2022 00:03
 Operator : CG/JU
 Sample : N2473-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0HZ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 06:12:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	147364	20.000	ng/u1	0.06
20) Naphthalene-d8	10.781	136	690349	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.575	164	503200	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1130096	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1088972	20.000	ng/u1	# 0.00
88) Perylene-d12	23.851	264	978099	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	18334	5.425	ng/uL	0.00
4) Pyridine-d5	3.799	84	45757	4.813	ng/u1	0.01
7) Phenol-d5	7.105	99	111523	8.320	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	327181	40.679	ng/u1	0.02
11) 2-Chlorophenol-d4	7.487	132	321513	32.388	ng/u1	0.02
15) 4-Methylphenol-d8	8.652	113	217053	19.544	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	215381	39.227	ng/u1	0.01
24) 2-Nitrophenol-d4	9.834	143	234641	39.129	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.375	165	383284	32.833	ng/u1	0.01
31) 4-Chloroaniline-d4	10.893	131	311666	18.620	ng/u1	0.01
46) Dimethylphthalate-d6	13.981	166	1473661	37.648	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1691036	35.695	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	55578m	7.713	ng/u1	0.00
60) Fluorene-d10	15.563	176	1279773	38.008	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	249656	34.938	ng/u1	0.00
73) Anthracene-d10	17.422	188	2092966	38.282	ng/u1	0.00
81) Pyrene-d10	19.651	212	2599746	41.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	2043156	39.845	ng/u1	0.00
Target Compounds						
22) Nitrobenzene	9.163	77	3038749	225.887	ng/u1#	86
25) 2-Nitrophenol	9.863	139	34058	5.363	ng/u1#	82
39) 1,2,4,5-Tetrachloroben...	12.775	216	801205m	51.536	ng/u1	
55) 4-Nitrophenol	14.769	109	7182m	1.147	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.381	216	2374046	143.897	ng/uL#	87
76) Pentachlorobenzene	14.892	250	98859	6.111	ng/uL	92

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

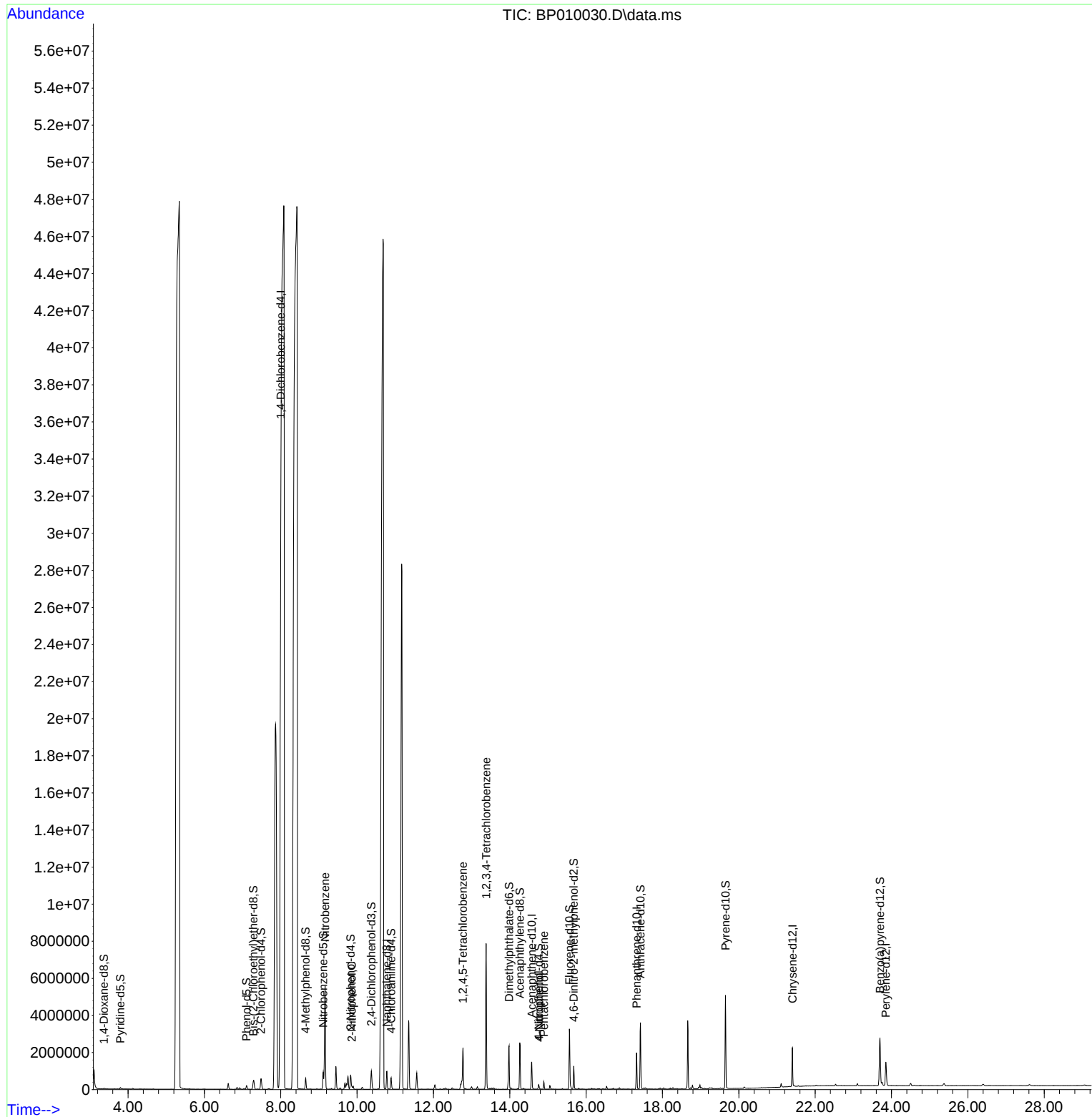
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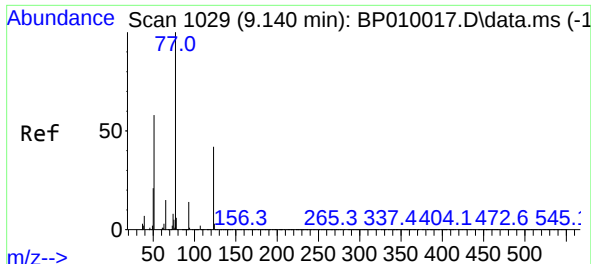
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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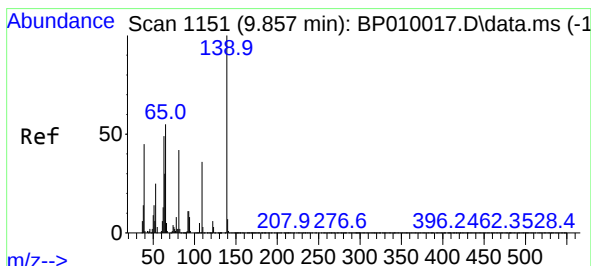
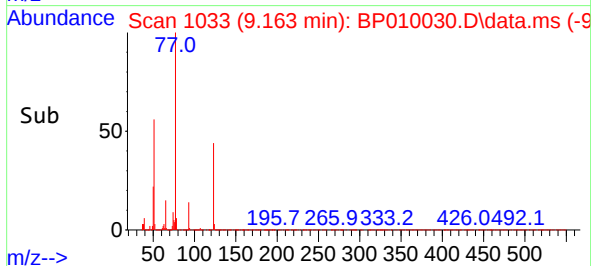
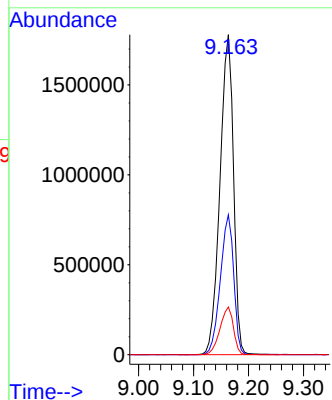
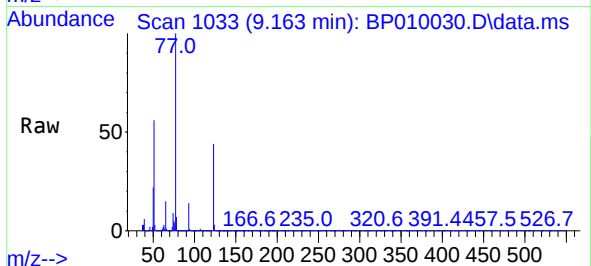
#22
Nitrobenzene
Concen: 225.887 ng/ul
RT: 9.163 min Scan# 1033
Delta R.T. 0.024 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

Instrument :
BNA_P
ClientSampleId :
C0HZ2

Tgt Ion: 77 Resp: 3038749
Ion Ratio Lower Upper
77 100
123 43.7 42.3 63.5
65 14.9 5.8 8.8

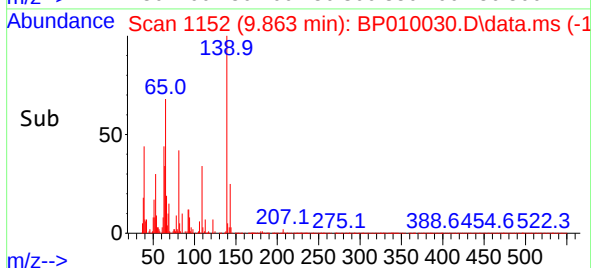
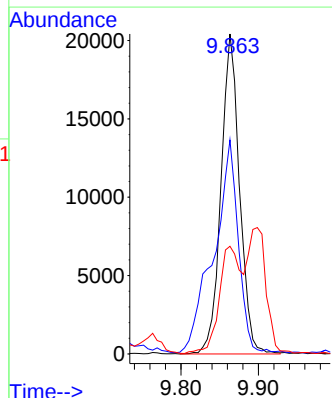
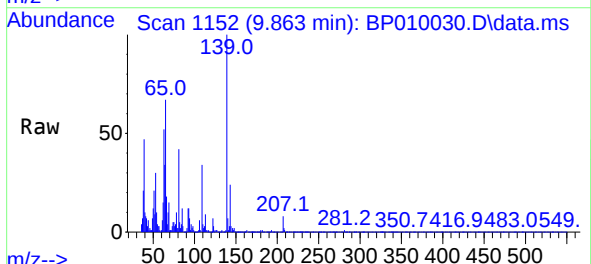
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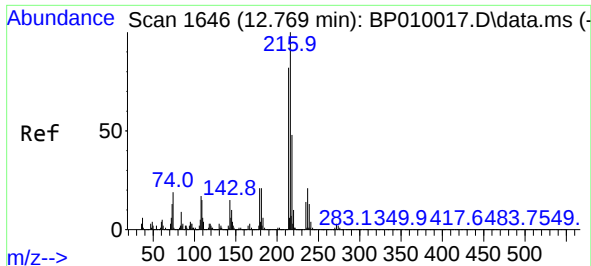
Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022



#25
2-Nitrophenol
Concen: 5.363 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

Tgt Ion:139 Resp: 34058
Ion Ratio Lower Upper
139 100
65 66.9 49.4 74.2
109 33.7 44.7 67.1





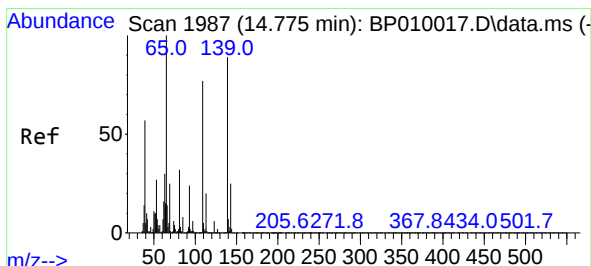
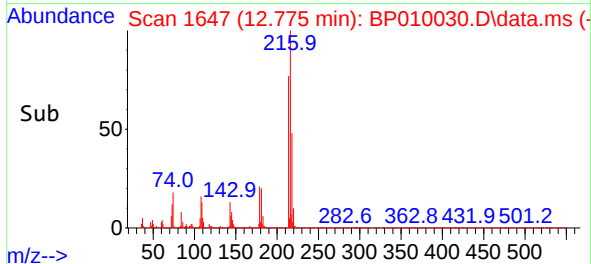
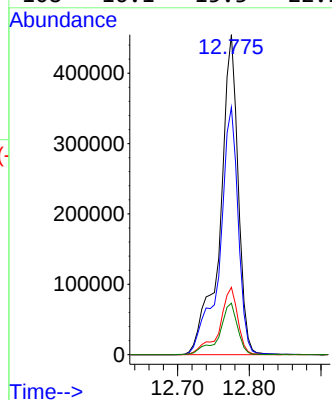
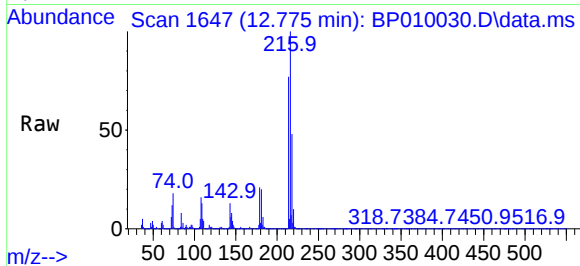
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.536 ng/ul m
RT: 12.775 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

Instrument :
BNA_P
ClientSampleId :
C0HZ2

Tgt Ion:216 Resp: 80120
Ion Ratio Lower Upper
216 100
214 77.3 58.2 87.2
179 21.1 14.2 21.2
108 16.1 15.3 22.9

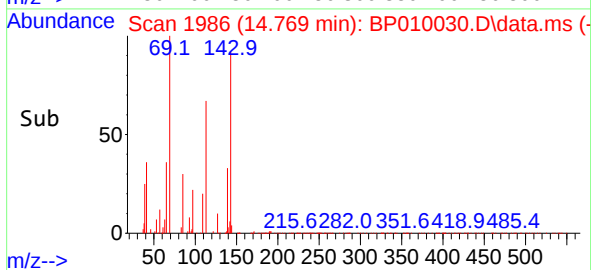
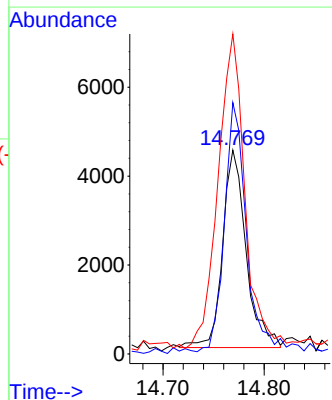
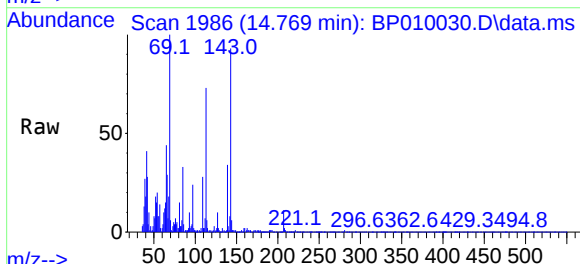
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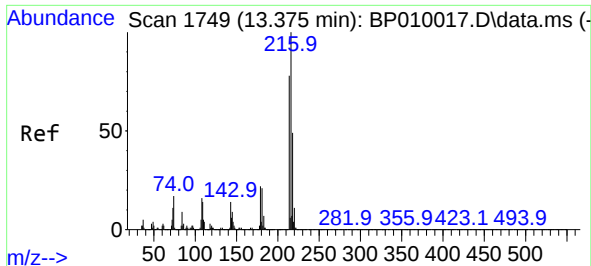
Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022



#55
4-Nitrophenol
Concen: 1.147 ng/ul m
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

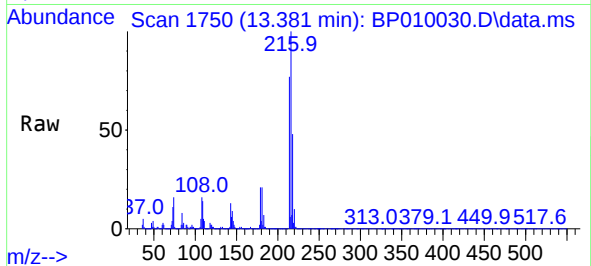
Tgt Ion:109 Resp: 7182
Ion Ratio Lower Upper
109 100
139 123.2 61.4 92.2#
65 156.9 65.3 97.9#





#75
1,2,3,4-Tetrachlorobenzene
Concen: 143.897 ng/uL
RT: 13.381 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

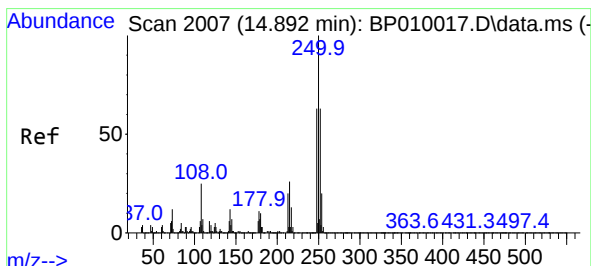
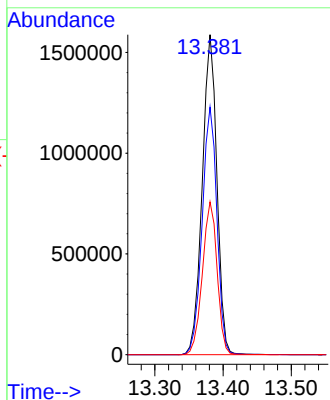
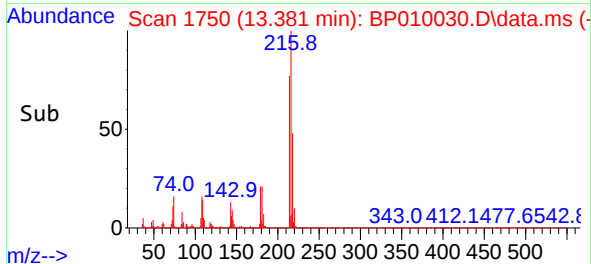
Instrument :
BNA_P
ClientSampleId :
C0HZ2



Tgt Ion:216 Resp: 2374040
Ion Ratio Lower Upper
216 100
214 77.4 50.4 75.6
218 47.7 35.2 52.8

Manual Integrations
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#76
Pentachlorobenzene
Concen: 6.111 ng/uL
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP010030.D
Acq: 22 Apr 2022 00:03

Tgt Ion:250 Resp: 98859
Ion Ratio Lower Upper
250 100
248 62.7 43.5 65.3
252 62.0 46.5 69.7

