

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022070.D
 Acq On : 26 Sep 2024 19:57
 Operator : RC/JU
 Sample : P4106-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0SX9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 01:43:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	92010	20.000	ng/ul	0.01
20) Naphthalene-d8	10.469	136	305905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	231101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	598676	20.000	ng/ul	-0.01
79) Chrysene-d12	21.533	240	728811	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	855925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	2177	0.927	ng/uL	0.00
4) Pyridine-d5	3.646	84	12557	1.870	ng/ul	0.01
7) Phenol-d5	6.887	99	12080	1.605	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	30248	6.527	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	32461	5.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	23974	4.020	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	16684	7.287	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	18556	7.148	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	38497	6.828	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	19421	2.887	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	142010	7.949	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	134870	7.131	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	3844m	1.258	ng/ul	0.02
60) Fluorene-d10	15.322	176	126240	7.989	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	16720	4.498	ng/ul	0.00
73) Anthracene-d10	17.204	188	219462	7.852	ng/ul	-0.01
81) Pyrene-d10	19.586	212	302086	8.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	350208	7.779	ng/ul	-0.01
Target Compounds						
22) Nitrobenzene	8.887	77	145050	20.721	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	123080	14.365	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.104	216	293652	32.687	ng/uL	99

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

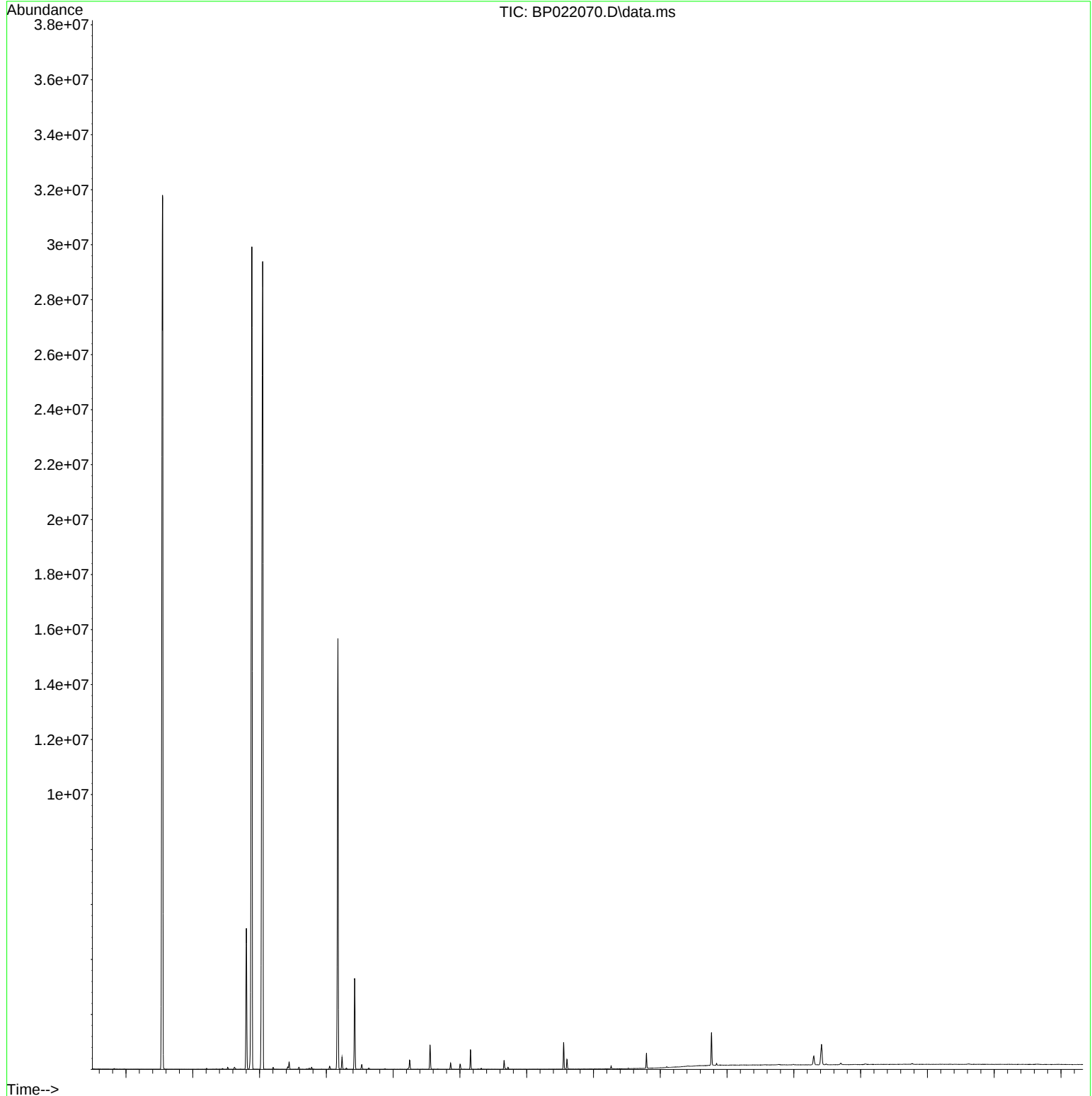
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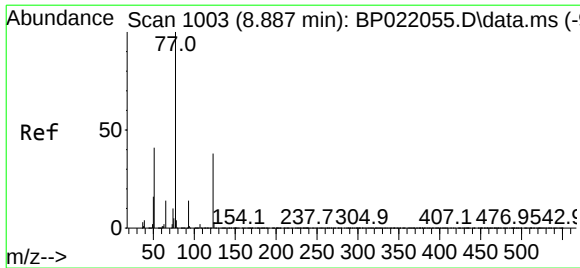
Instrument :
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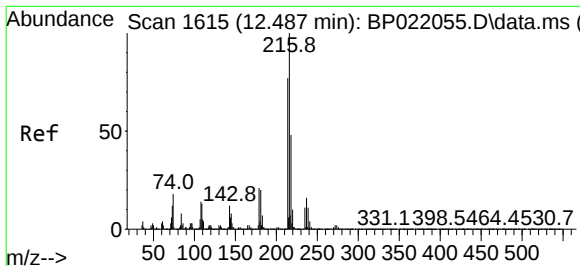
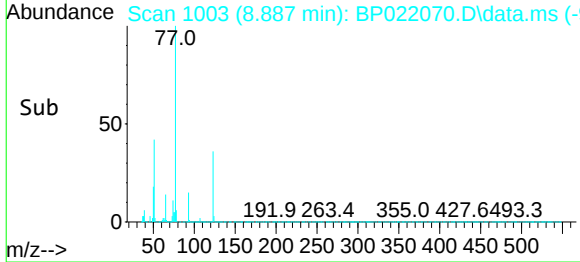
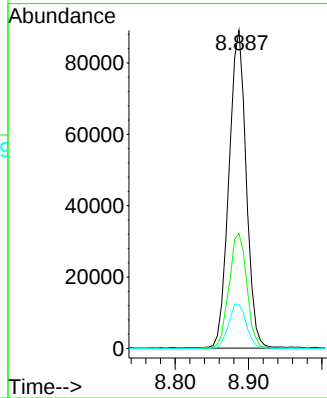
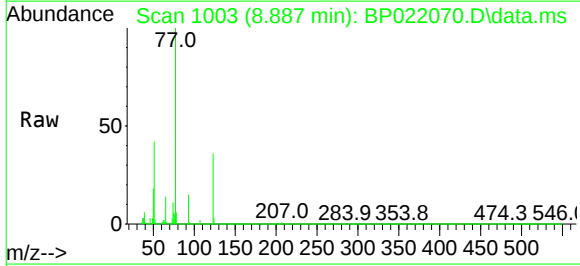
#22
Nitrobenzene
Concen: 20.721 ng/u1
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BP022070.D
Acq: 26 Sep 2024 19:57

Instrument :
BNA_P
ClientSampleId :
C0SX9DL

Tgt Ion:	77	Resp:	145050
Ion	Ratio	Lower	Upper
77	100		
123	36.2	29.8	44.8
65	13.9	11.3	16.9

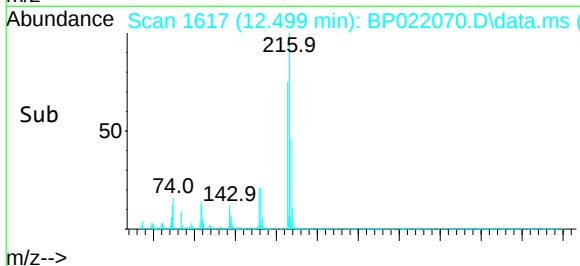
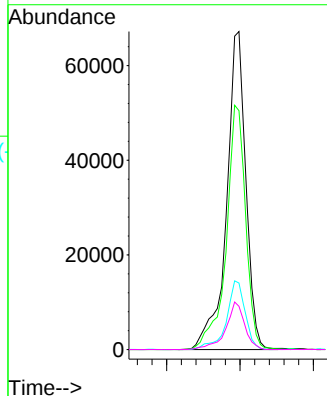
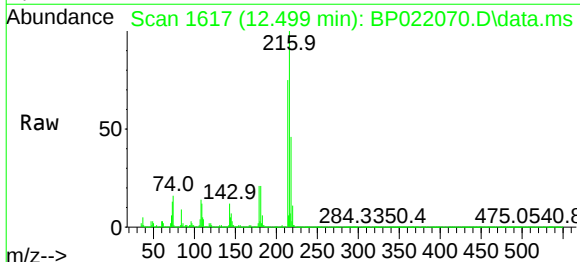
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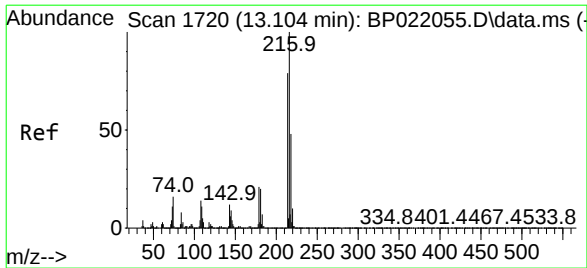
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 14.365 ng/u1
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP022070.D
Acq: 26 Sep 2024 19:57

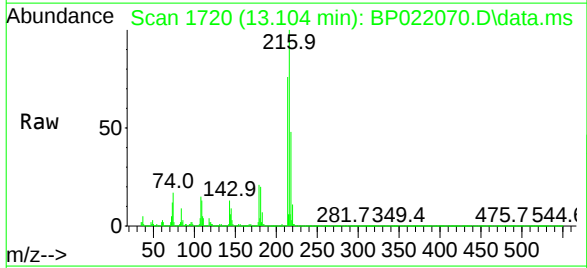
Tgt Ion:	216	Resp:	123080
Ion	Ratio	Lower	Upper
216	100		
214	75.1	62.8	94.2
179	20.9	17.9	26.9
108	13.6	14.1	21.1





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 32.687 ng/uL
 RT: 13.104 min Scan# 17
 Delta R.T. -0.012 min
 Lab File: BP022070.D
 Acq: 26 Sep 2024 19:57

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Tgt	Ion:	216	Resp:	293652
Ion	Ratio	Lower	Upper	
216	100			
214	76.4	60.6	90.8	
218	47.7	38.1	57.1	

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