

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019013.D
 Acq On : 21 Dec 2023 23:02
 Operator : MA/JU
 Sample : 05808-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B14

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 09:07:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	117496	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	444001	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	290771	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	702948	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	796084	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	953422	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	16308	4.730	ng/uL	0.00
4) Pyridine-d5	3.676	84	78252	8.473	ng/u1	0.00
7) Phenol-d5	6.993	99	289343	24.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	170997	24.468	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	227838	24.763	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	234148	24.538	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	113439	28.706	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	128337	31.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	237379	28.335	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	318921	29.129	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	831020	32.022	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	895851	31.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	139471	32.741	ng/u1	0.00
60) Fluorene-d10	15.446	176	714691	32.808	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	133963	31.783	ng/u1	0.00
73) Anthracene-d10	17.304	188	1200713	32.491	ng/u1	0.00
81) Pyrene-d10	19.545	212	1587931	25.625	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1816649	32.679	ng/u1	0.00
Target Compounds						
39) 1,2,4,5-Tetrachloroben...	12.646	216	133825m	12.685	ng/u1	
69) Hexachlorobenzene	16.504	284	11444	1.155	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.252	216	847343	69.714	ng/uL	98
76) Pentachlorobenzene	14.769	250	272149	22.794	ng/uL	100

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

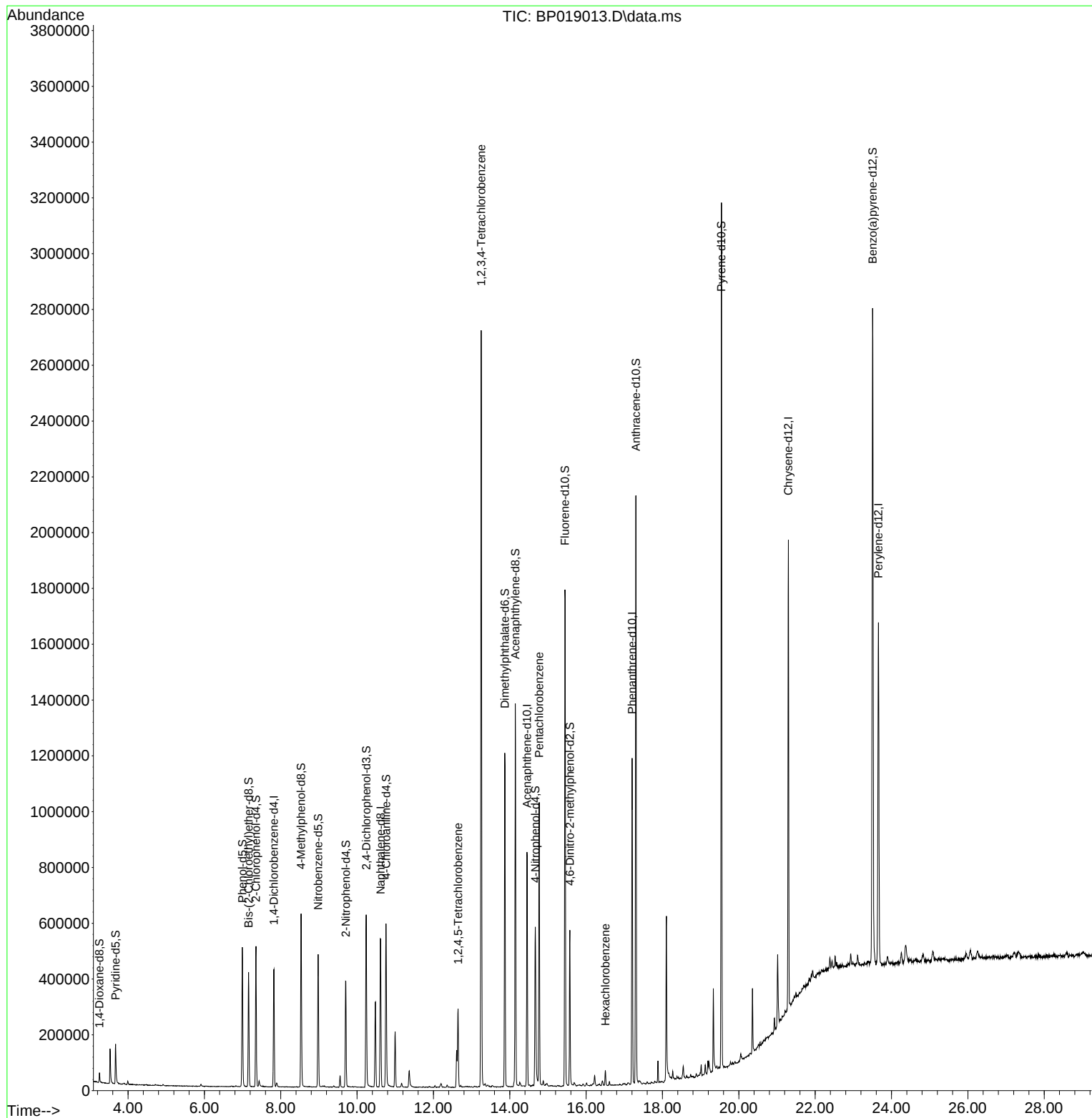
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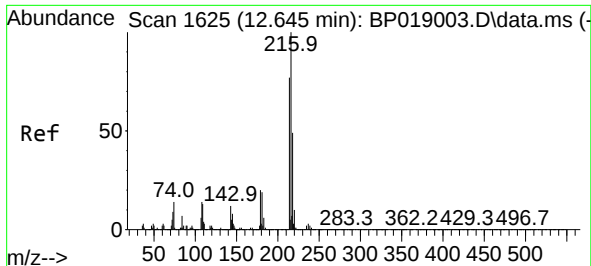
Instrument :
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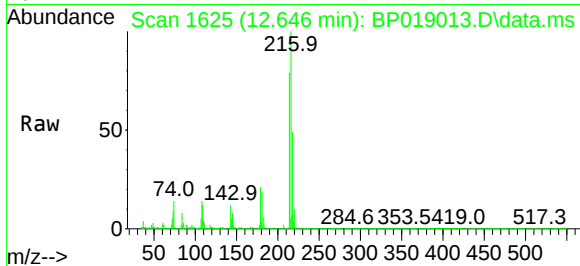
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023





#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.685 ng/ul m
RT: 12.646 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019013.D
Acq: 21 Dec 2023 23:02

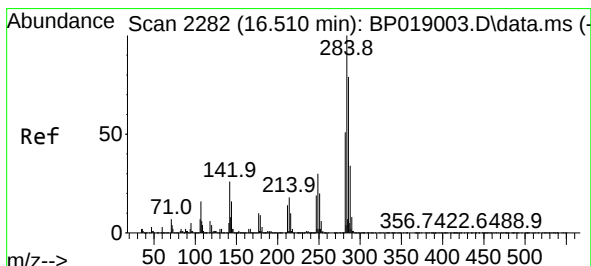
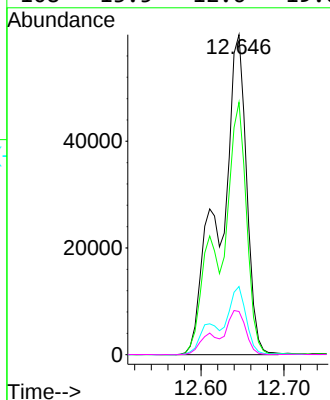
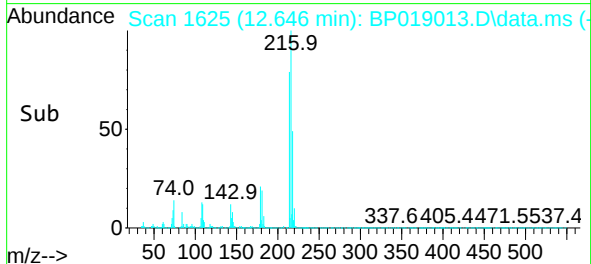
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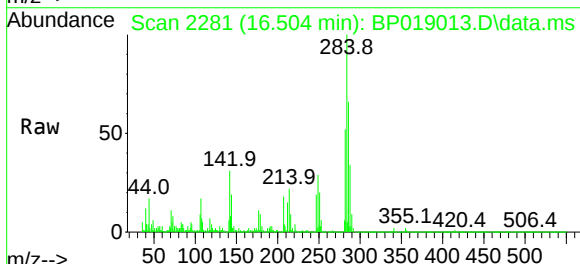
Tgt Ion:216 Resp: 13382
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 21.3 16.3 24.5
108 13.5 12.6 19.0

Manual Integrations
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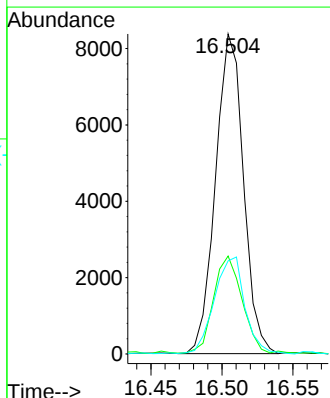
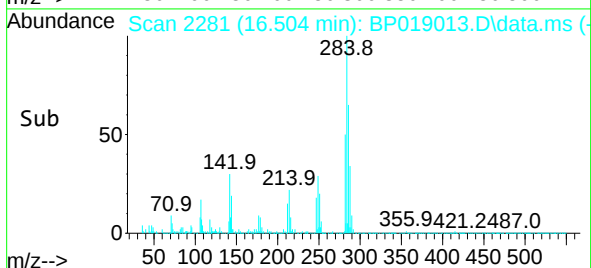
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Supervised By :mohammad ahmed 12/25/2023

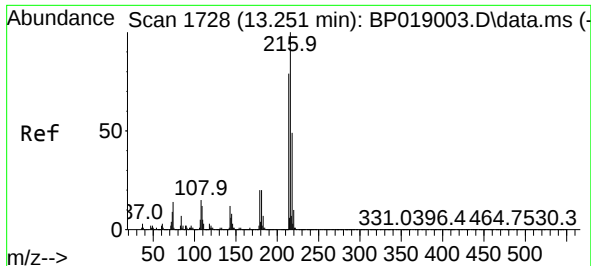


#69
Hexachlorobenzene
Concen: 1.155 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP019013.D
Acq: 21 Dec 2023 23:02



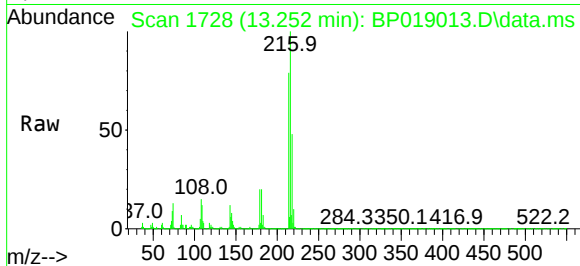
Tgt Ion:284 Resp: 11444
Ion Ratio Lower Upper
284 100
142 30.6 25.8 38.6
249 29.1 24.9 37.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 69.714 ng/uL
RT: 13.252 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP019013.D
Acq: 21 Dec 2023 23:02

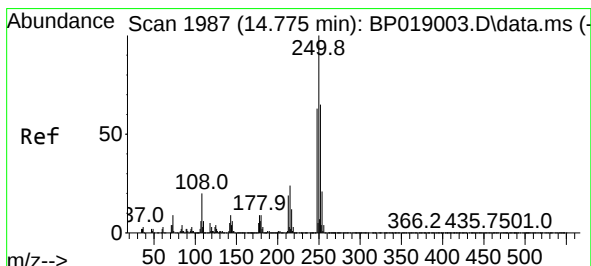
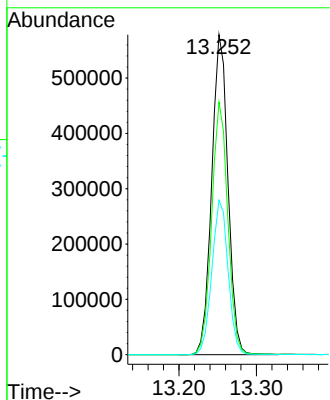
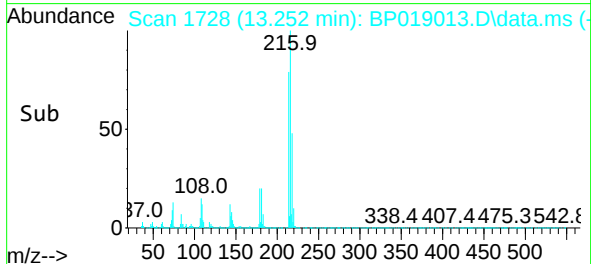
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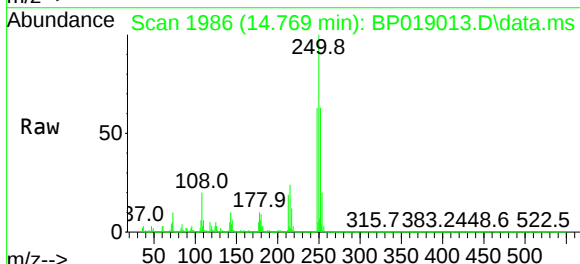
Tgt Ion:216 Resp: 84734
Ion Ratio Lower Upper
216 100
214 78.9 61.4 92.2
218 48.3 39.2 58.8

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Supervised By :mohammad ahmed 12/25/2023



#76
Pentachlorobenzene
Concen: 22.794 ng/uL
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP019013.D
Acq: 21 Dec 2023 23:02



Tgt Ion:250 Resp: 272149
Ion Ratio Lower Upper
250 100
248 63.2 50.6 75.8
252 63.5 51.3 76.9

