

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
 Data File : BP020092.D
 Acq On : 23 Apr 2024 02:54
 Operator : MA/JU
 Sample : P2161-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0RD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 23 04:04:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 01:17:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	105353	20.000	ng/u1	0.05
20) Naphthalene-d8	10.440	136	392480	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.316	164	253987	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	570477	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	545278	20.000	ng/u1	0.00
88) Perylene-d12	25.045	264	587676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	16005	6.225	ng/uL	0.00
4) Pyridine-d5	3.640	84	120356	15.903	ng/u1	0.00
7) Phenol-d5	6.828	99	107888	11.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	310432	48.370	ng/u1	0.02
11) 2-Chlorophenol-d4	7.187	132	257799	41.121	ng/u1	0.01
15) 4-Methylphenol-d8	8.357	113	177349	24.727	ng/u1	0.01
21) Nitrobenzene-d5	8.804	128	164783	58.368	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	179311	58.758	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	297857	49.200	ng/u1	0.02
31) 4-Chloroaniline-d4	10.581	131	353553	43.747	ng/u1	0.01
46) Dimethylphthalate-d6	13.722	166	909295	52.385	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1097126	53.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	34083m	12.899	ng/u1	0.03
60) Fluorene-d10	15.339	176	836339	54.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	81102	24.335	ng/u1	0.00
73) Anthracene-d10	17.263	188	1380480	54.014	ng/u1	0.00
81) Pyrene-d10	19.657	212	1686258	57.544	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.821	264	1597232	55.637	ng/u1	0.01
Target Compounds						
30) Naphthalene	10.481	128	35093	1.724	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.463	216	712036	86.022	ng/u1#	94
75) 1,2,3,4-Tetrachloroben...	13.086	216	1347568	148.996	ng/uL	97
76) Pentachlorobenzene	14.639	250	18920	2.223	ng/uL	98

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

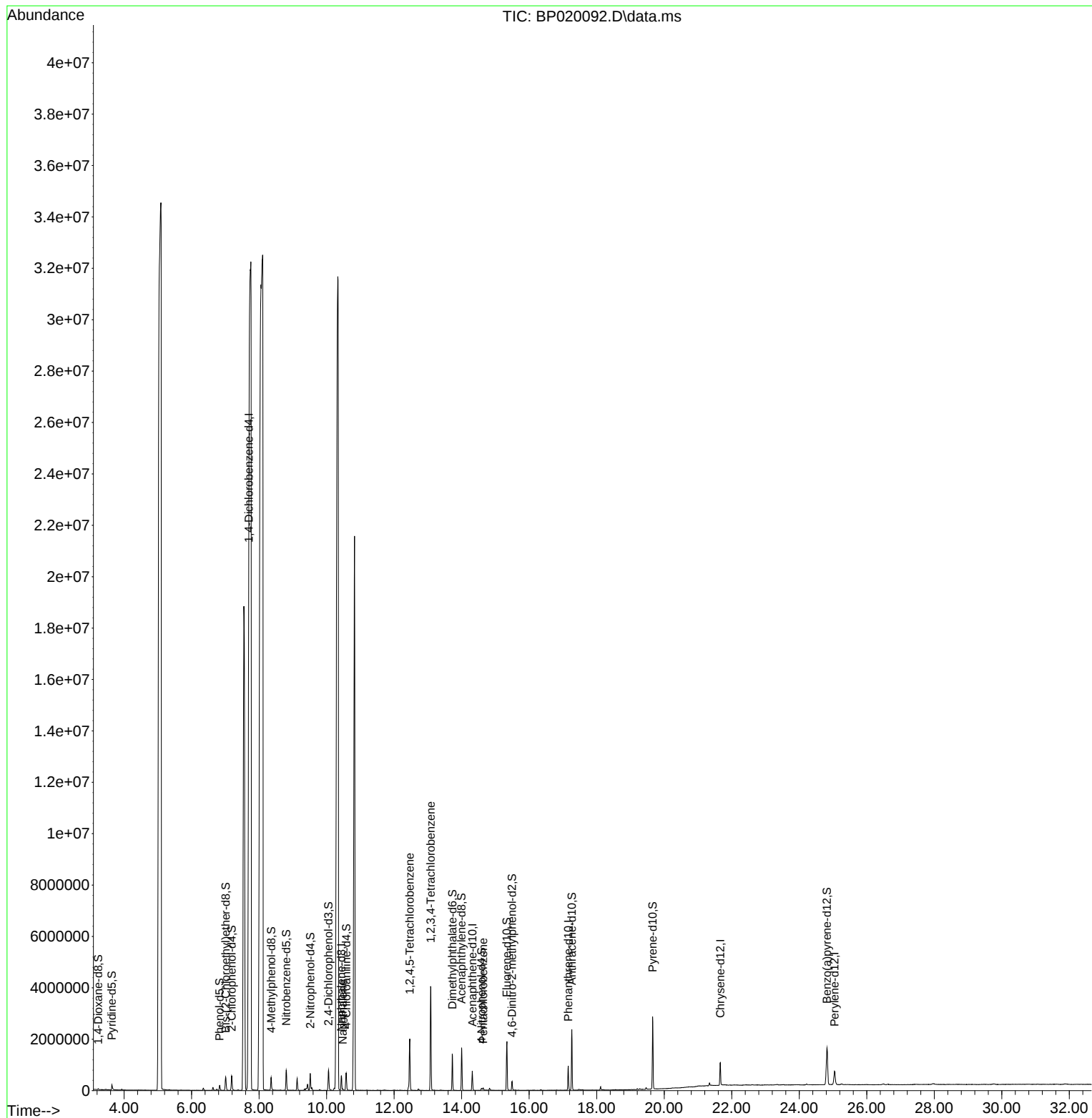
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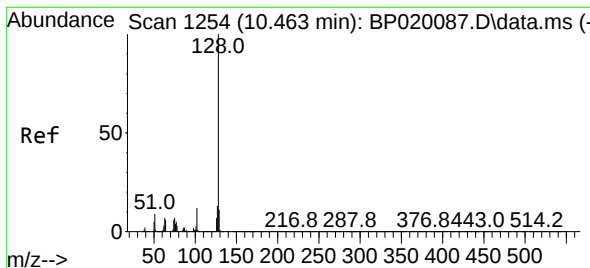
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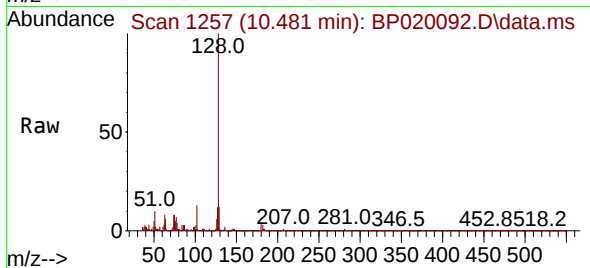
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 05/02/2024





#30
Naphthalene
Concen: 1.724 ng/ul
RT: 10.481 min Scan# 1257
Delta R.T. 0.023 min
Lab File: BP020092.D
Acq: 23 Apr 2024 02:54

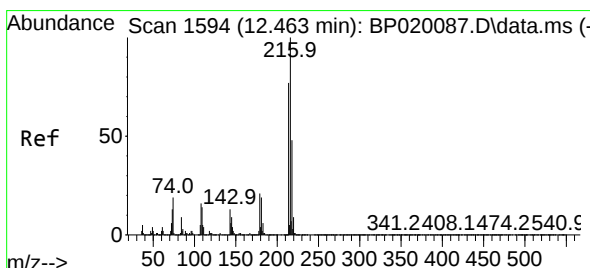
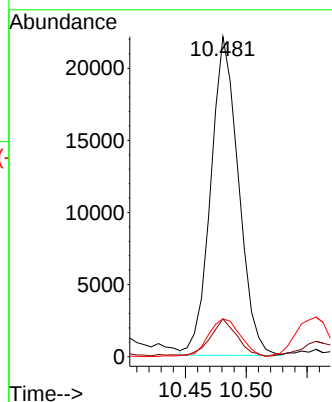
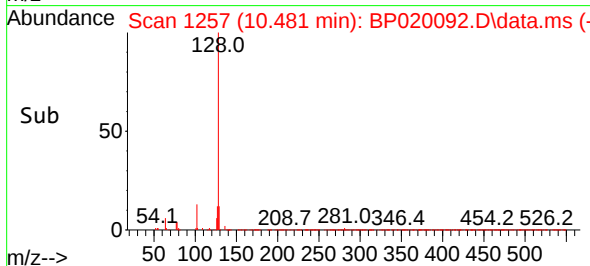
Instrument :
BNA_P
ClientSampleId :
CORD7



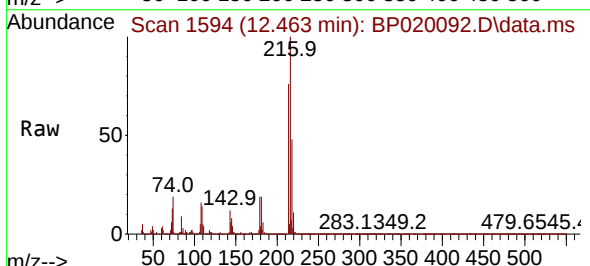
Tgt Ion:128 Resp: 3509
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 11.8 10.5 15.7

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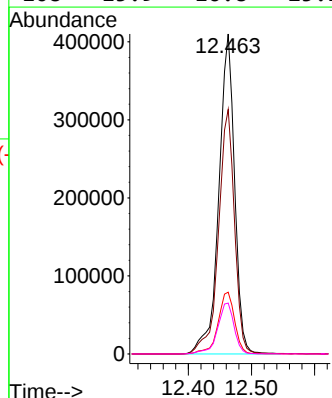
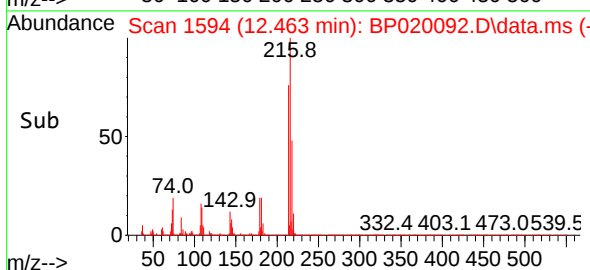
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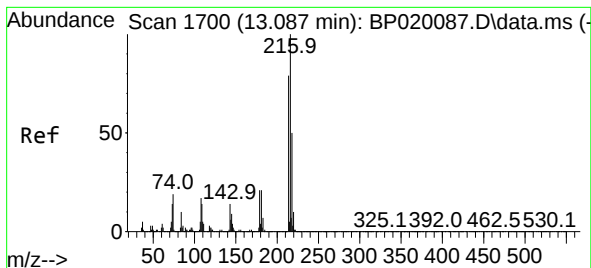


#39
1,2,4,5-Tetrachlorobenzene
Concen: 86.022 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BP020092.D
Acq: 23 Apr 2024 02:54



Tgt Ion:216 Resp: 712036
Ion Ratio Lower Upper
216 100
214 76.4 64.2 96.2
179 19.3 17.3 25.9
108 15.9 16.8 25.2#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 148.996 ng/uL

RT: 13.086 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020092.D

Acq: 23 Apr 2024 02:54

Instrument :

BNA_P

ClientSampleId :

C0RD7

Tgt Ion:216 Resp: 134756

Ion Ratio Lower Upper

216 100

214 77.8 59.3 88.9

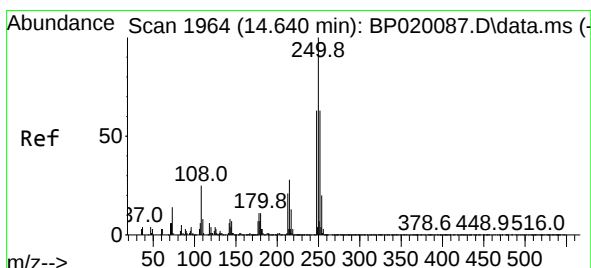
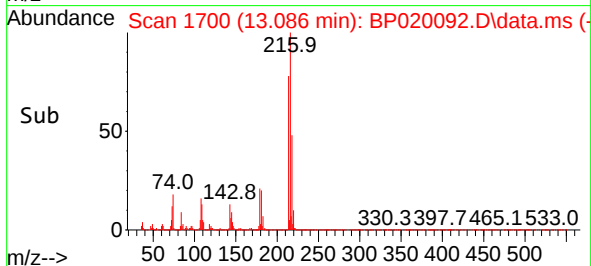
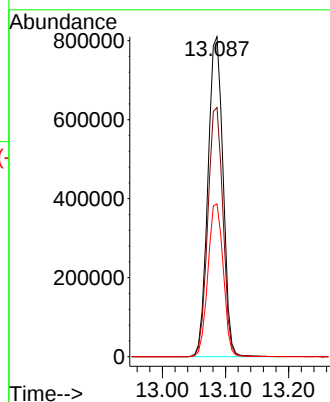
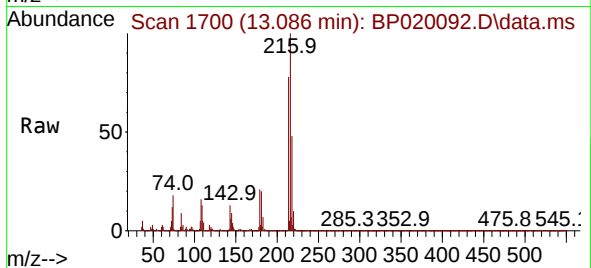
218 47.8 37.8 56.8

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#76

Pentachlorobenzene

Concen: 2.223 ng/uL

RT: 14.639 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BP020092.D

Acq: 23 Apr 2024 02:54

Tgt Ion:250 Resp: 18920

Ion Ratio Lower Upper

250 100

248 60.6 51.2 76.8

252 63.6 50.9 76.3

