

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045316.D
 Acq On : 17 Apr 2024 14:36
 Operator : MA/JU
 Sample : P2051-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORH9DL

Quant Time: Apr 18 00:00:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/18/2024
 Supervised By :mohammad ahmed 04/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	55718	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	176346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.227	164	107006	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	217670	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	228874	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	298867	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	1350	0.905	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	0.00
7) Phenol-d5	6.763	99	4421	0.936	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	28214	10.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	17067	4.612	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	8376	2.265	ng/ul	0.01
21) Nitrobenzene-d5	8.740	128	11992	8.853	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	11276	7.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	18471	7.046	ng/ul	0.01
31) 4-Chloroaniline-d4	10.504	131	27866	6.677	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	67062	9.001	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	75511	8.579	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	0.00
60) Fluorene-d10	15.233	176	60812	9.155	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	5704m	4.420	ng/ul	0.00
73) Anthracene-d10	17.092	188	91252	9.319	ng/ul	0.00
81) Pyrene-d10	19.398	212	111182	9.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	133959	9.188	ng/ul	0.00
Target Compounds						
8) Phenol	6.793	94	7303	1.493	ng/ul	93
22) Nitrobenzene	8.793	77	1768437	532.126	ng/ul	94
32) 4-Chloroaniline	10.534	127	11842m	2.916	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.392	216	37013m	12.648	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.010	216	71991	26.241	ng/uL	98

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

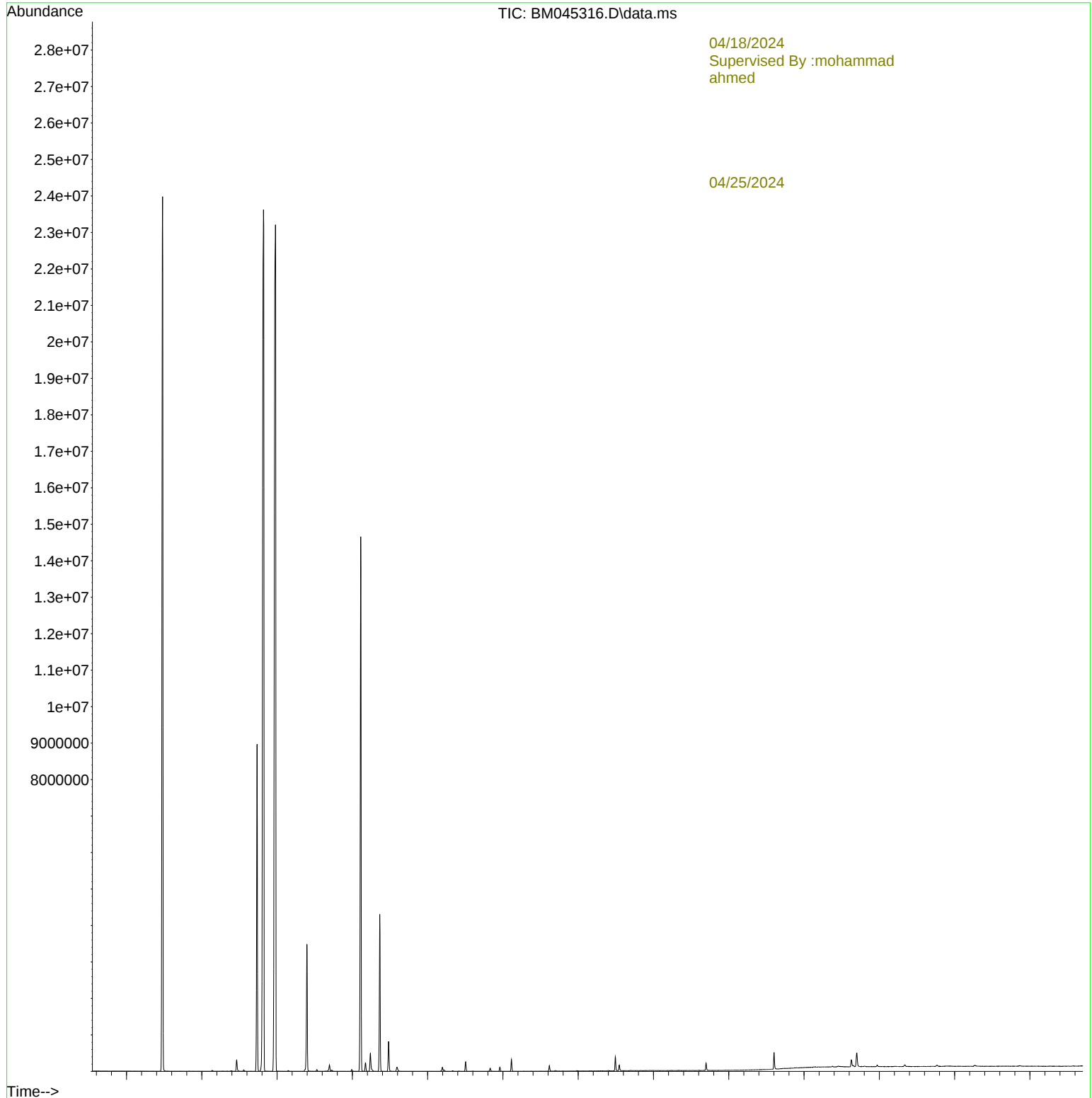
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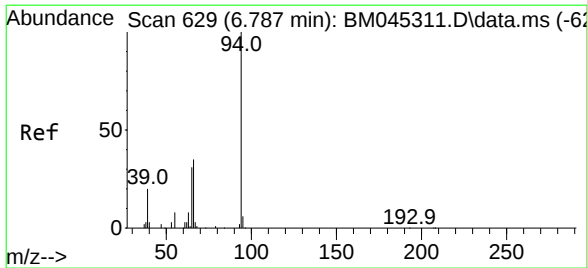
Instrument :
BNA_M
ClientSampleId :
C0RH9DL

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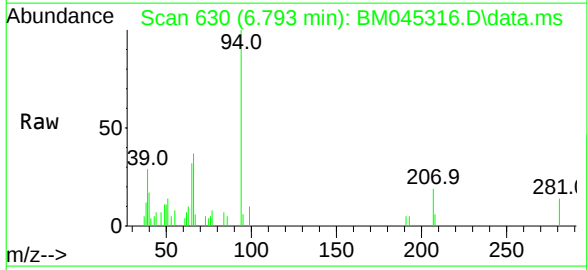
Reviewed By :Yogesh Patel 04/18/2024
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#8
Phenol
Concen: 1.493 ng/u1
RT: 6.793 min Scan# 630
Delta R.T. 0.006 min
Lab File: BM045316.D
Acq: 17 Apr 2024 14:36

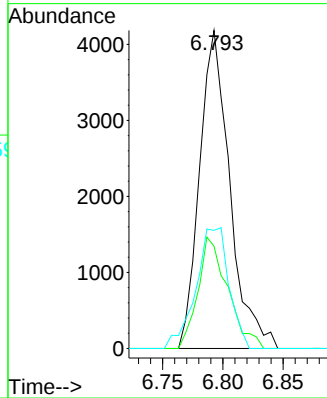
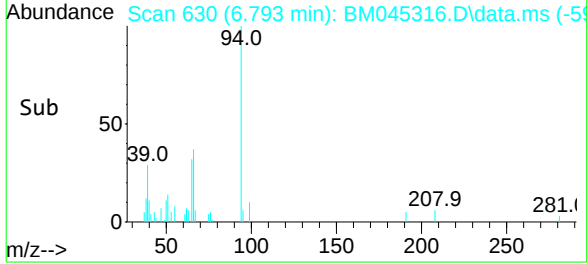
Instrument :
BNA_M
ClientSampleId :
C0RH9DL



Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	21.7	32.5
66	37.1	31.9	47.9

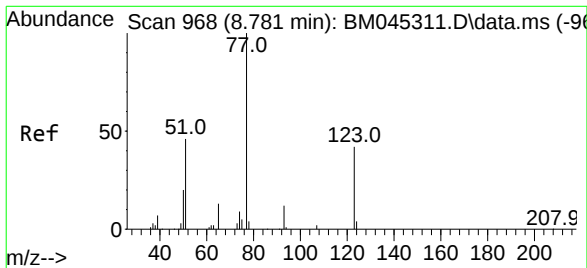
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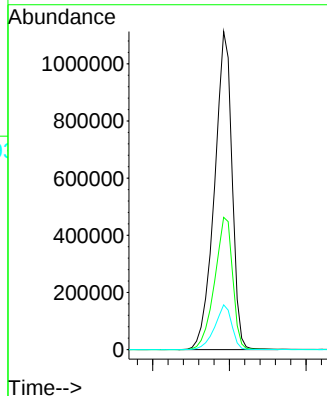
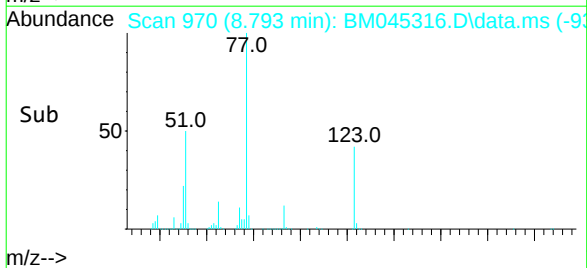
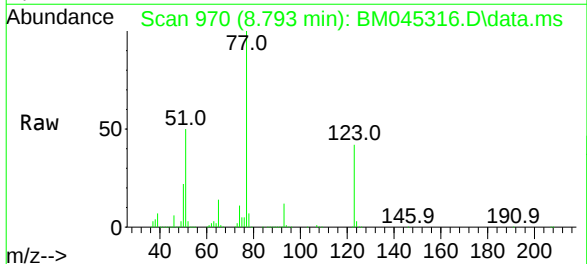
04/18/2024
Supervised By :mohammad
ahmed

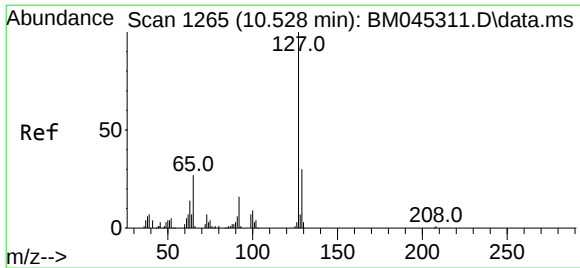
04/25/2024



#22
Nitrobenzene
Concen: 532.126 ng/u1
RT: 8.793 min Scan# 970
Delta R.T. 0.012 min
Lab File: BM045316.D
Acq: 17 Apr 2024 14:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	37.4	56.2
65	14.1	10.7	16.1





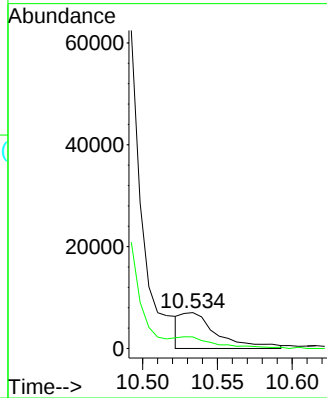
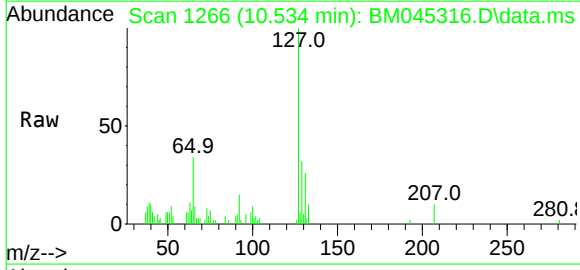
#32
4-Chloroaniline
Concen: 2.916 ng/ul m
RT: 10.534 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BM045316.D
Acq: 17 Apr 2024 14:36

Instrument :
BNA_M
ClientSampleId :
C0RH9DL

Tgt Ion:127 Resp: 11842
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.2

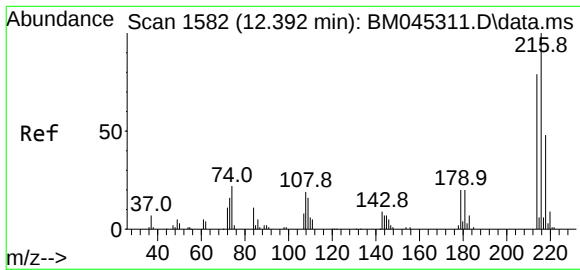
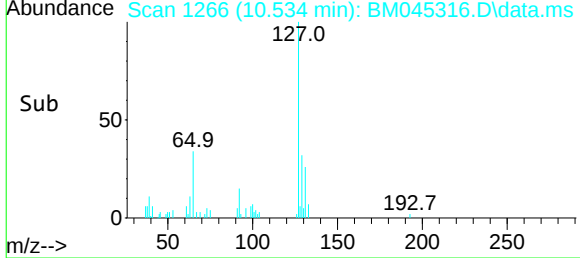
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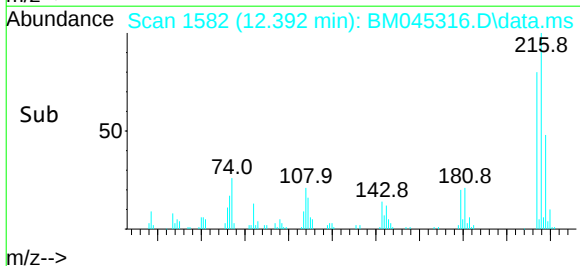
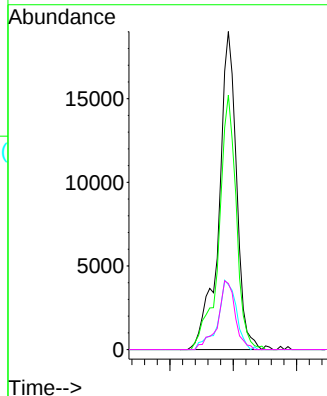
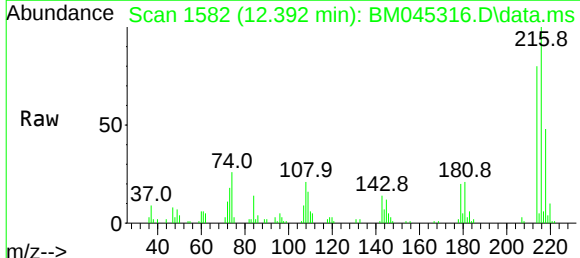
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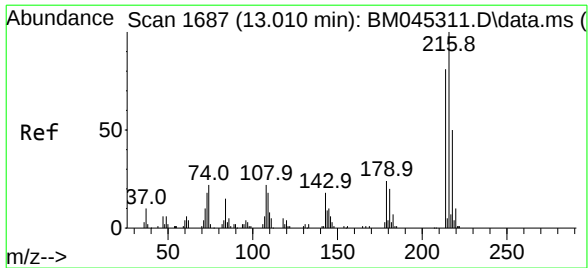
04/25/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.648 ng/ul m
RT: 12.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BM045316.D
Acq: 17 Apr 2024 14:36

Tgt Ion:216 Resp: 37013
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.4 16.6 25.0
108 20.8 15.0 22.4





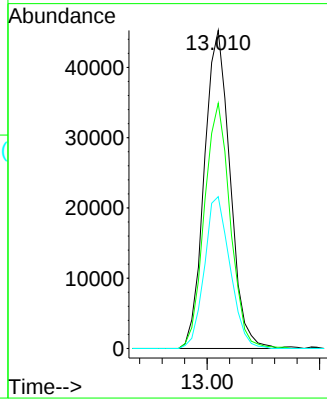
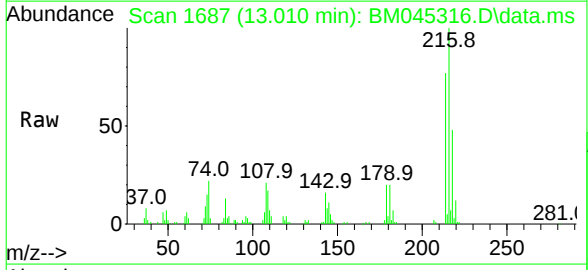
1,2,3,4-Tetrachlorobenzene
 Concen: 26.241 ng/uL
 RT: 13.010 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BM045316.D
 Acq: 17 Apr 2024 14:36

Instrument :
 BNA_M
 ClientSampleId :
 C0RH9DL

Tgt Ion:	216	Resp:	71991
Ion Ratio	Lower	Upper	
216	100		
214	77.1	64.1	96.1
218	47.7	38.6	58.0

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