

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 06:50:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	278087	20.000	ng/u1	0.04
20) Naphthalene-d8	10.951	136	1676148	20.000	ng/u1	0.15
38) Acenaphthene-d10	14.627	164	978866m	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1753250m	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1224024m	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1363979m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	97250	11.366	ng/uL	0.00
4) Pyridine-d5	3.810	84	1423402	57.800	ng/u1	0.00
7) Phenol-d5	7.157	99	2029441	64.152	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	1341400	66.953	ng/u1	0.01
11) 2-Chlorophenol-d4	7.534	132	1613360	66.795	ng/u1	0.01
15) 4-Methylphenol-d8	8.710	113	1438731	58.608	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	752048	46.374	ng/u1	0.02
24) 2-Nitrophenol-d4	9.904	143	803203	47.935	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.457	165	1307888	44.216	ng/u1	0.04
31) 4-Chloroaniline-d4	11.004	131	1690285	38.842	ng/u1	0.06
46) Dimethylphthalate-d6	14.045	166	3188266m	36.182	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	4002830m	38.293	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	532116m	31.905	ng/u1	0.00
60) Fluorene-d10	15.616	176	2734427m	37.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	301652m	26.015	ng/u1	0.00
73) Anthracene-d10	17.468	188	3753912m	38.178	ng/u1	0.00
81) Pyrene-d10	19.751	212	3591970m	37.170	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	3182122m	37.806	ng/u1	0.00
Target Compounds						
39) 1,2,4,5-Tetrachloroben...	12.845	216	23089663m	774.167	ng/u1	Qvalue
69) Hexachlorobenzene	16.663	284	144192m	6.059	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.445	216	35440995m	1230.894	ng/uL	
76) Pentachlorobenzene	14.945	250	8740544m	311.758	ng/uL	

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

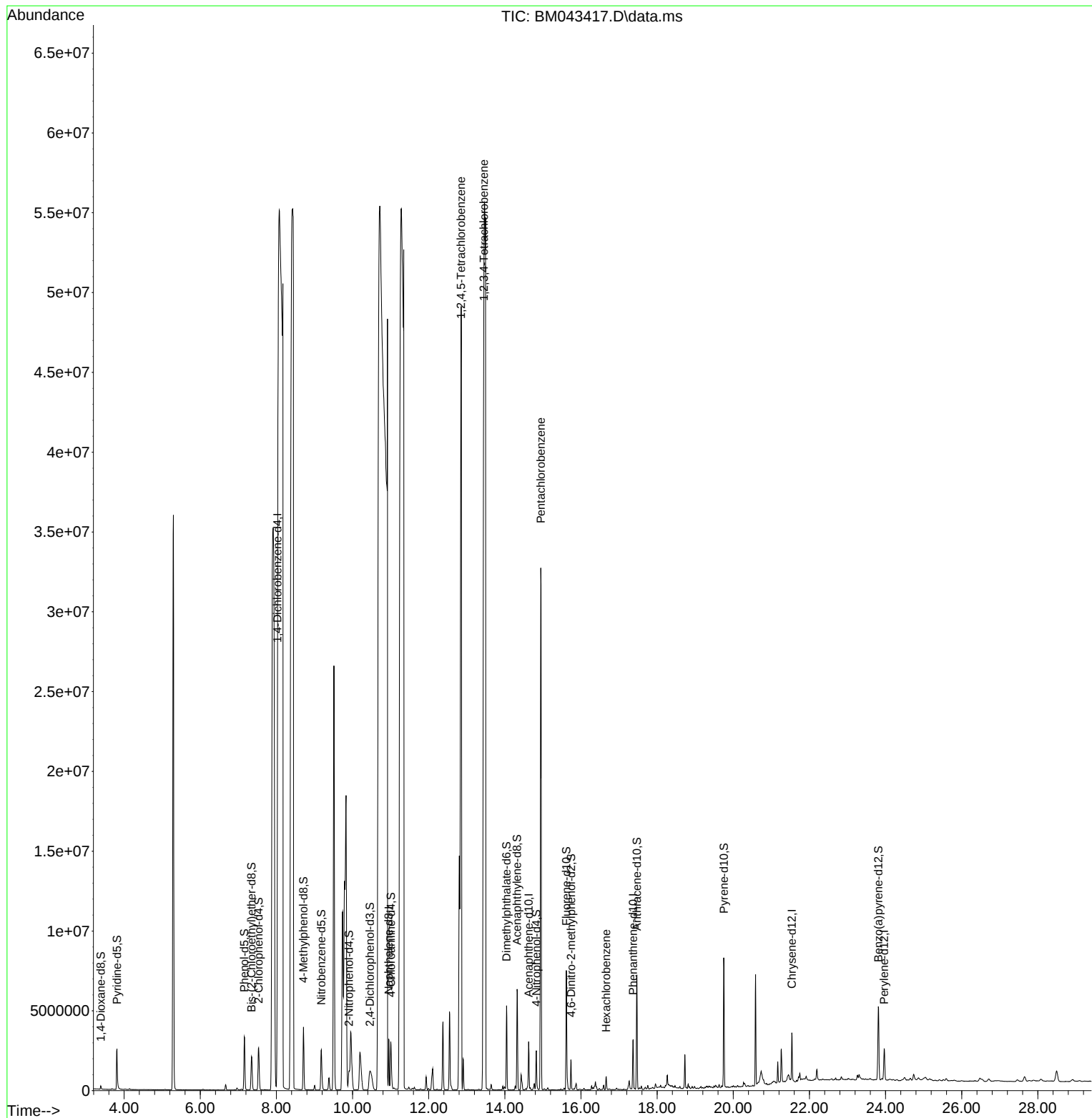
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
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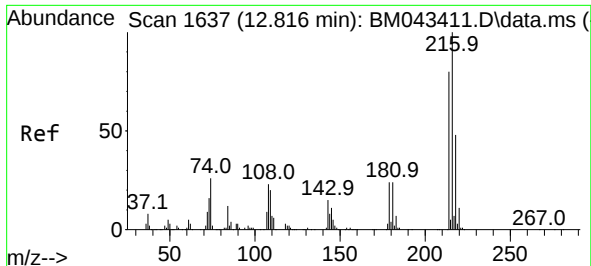
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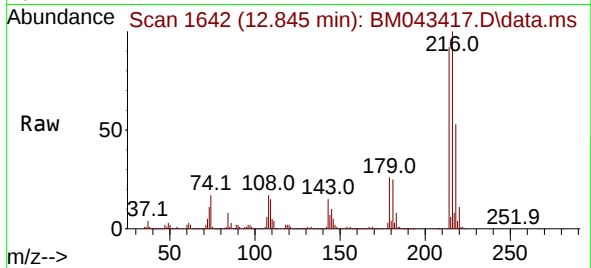
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023





#39
1,2,4,5-Tetrachlorobenzene
Concen: 774.167 ng/ul m
RT: 12.845 min Scan# 1642
Delta R.T. 0.029 min
Lab File: BM043417.D
Acq: 19 Dec 2023 06:11

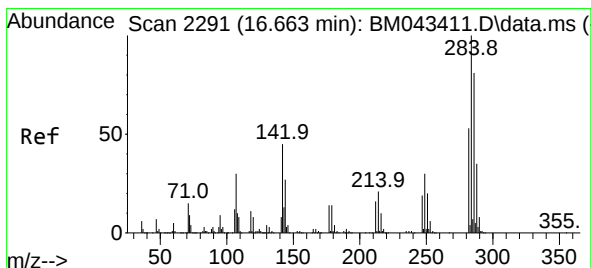
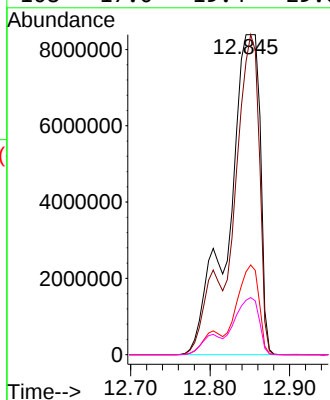
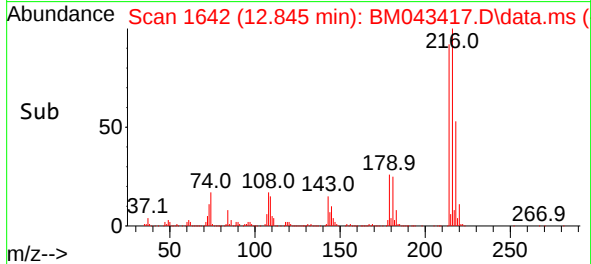
Instrument :
BNA_M
ClientSampleId :
C0AZ6



Tgt Ion:216 Resp:2308966
Ion Ratio Lower Upper
216 100
214 91.6 64.6 97.0
179 25.9 20.0 30.0
108 17.0 19.4 29.0#

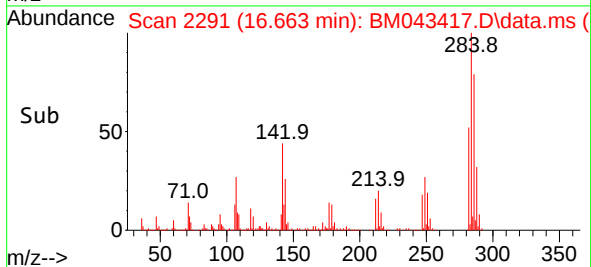
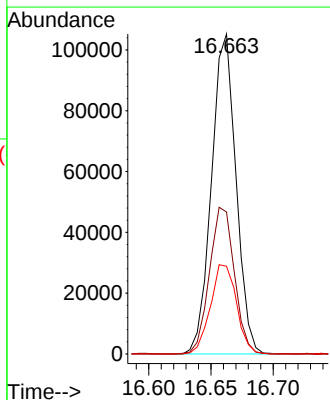
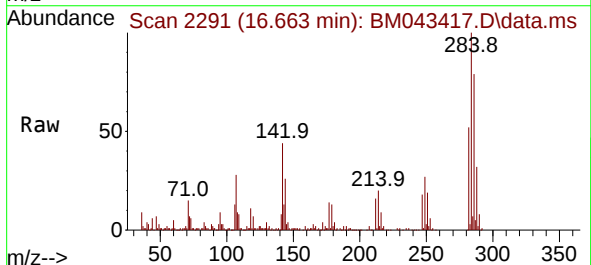
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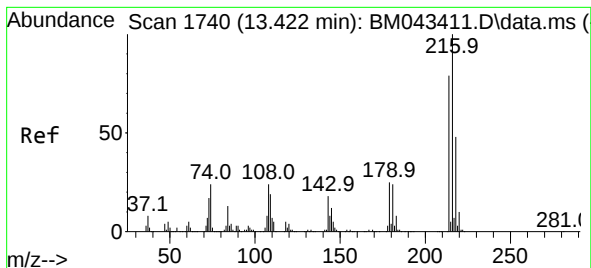
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#69
Hexachlorobenzene
Concen: 6.059 ng/ul m
RT: 16.663 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM043417.D
Acq: 19 Dec 2023 06:11

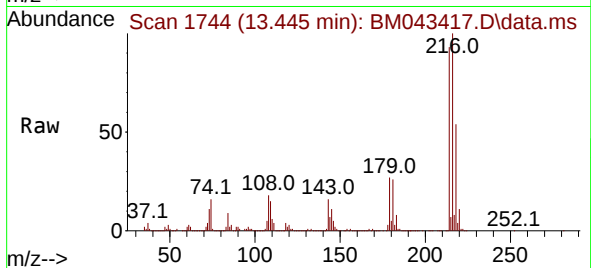
Tgt Ion:284 Resp: 144192
Ion Ratio Lower Upper
284 100
142 44.4 34.5 51.7
249 27.4 23.8 35.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 1230.894 ng/uL m
RT: 13.445 min Scan# 1
Delta R.T. 0.024 min
Lab File: BM043417.D
Acq: 19 Dec 2023 06:11

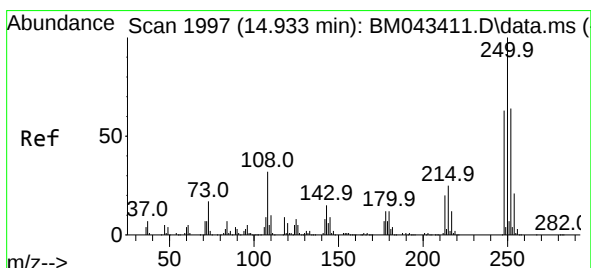
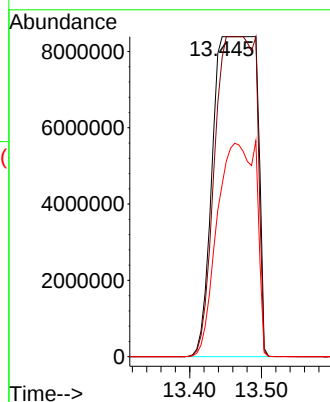
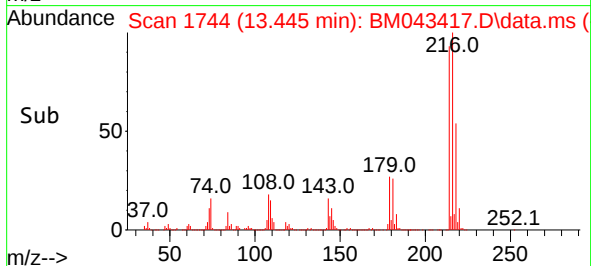
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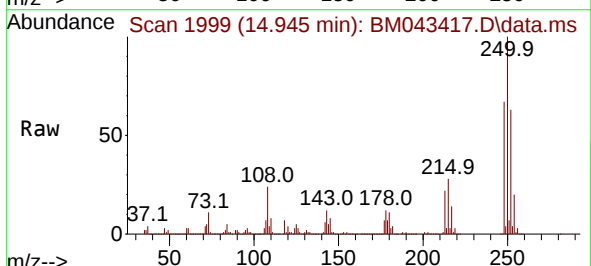
Tgt Ion:216 Resp:3544099
Ion Ratio Lower Upper
216 100
214 93.4 63.0 94.6
218 53.8 38.6 57.8

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#76
Pentachlorobenzene
Concen: 311.758 ng/uL m
RT: 14.945 min Scan# 1999
Delta R.T. 0.012 min
Lab File: BM043417.D
Acq: 19 Dec 2023 06:11



Tgt Ion:250 Resp: 8740544
Ion Ratio Lower Upper
250 100
248 67.0 49.0 73.4
252 63.1 49.6 74.4

