

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043416.D
 Acq On : 19 Dec 2023 05:35
 Operator : MA/JU
 Sample : 05807-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ5

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:08:35 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	7.999	152	512051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	2028476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1048186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1815958	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1371245	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1555446	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	72715	4.615	ng/uL	0.00
4) Pyridine-d5	3.805	84	898208	19.808	ng/u1	0.00
7) Phenol-d5	7.152	99	1429888	24.547	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	984418	26.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	1168994	26.284	ng/u1	0.00
15) 4-Methylphenol-d8	8.705	113	1136302	25.139	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	585867	29.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	628933	31.015	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1035404	28.924	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	1032991	19.615	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	2703903	28.656	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	3474638	31.042	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	351034	19.656	ng/u1	0.00
60) Fluorene-d10	15.616	176	2319302	29.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	271810	22.632	ng/u1	0.00
73) Anthracene-d10	17.463	188	3158138	31.010	ng/u1	0.00
81) Pyrene-d10	19.751	212	3092062	28.562	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	2964613	30.886	ng/u1	0.00
Target Compounds						
39) 1,2,4,5-Tetrachloroben...	12.816	216	55567m	1.740	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.422	216	170308	5.711	ng/uL	99

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

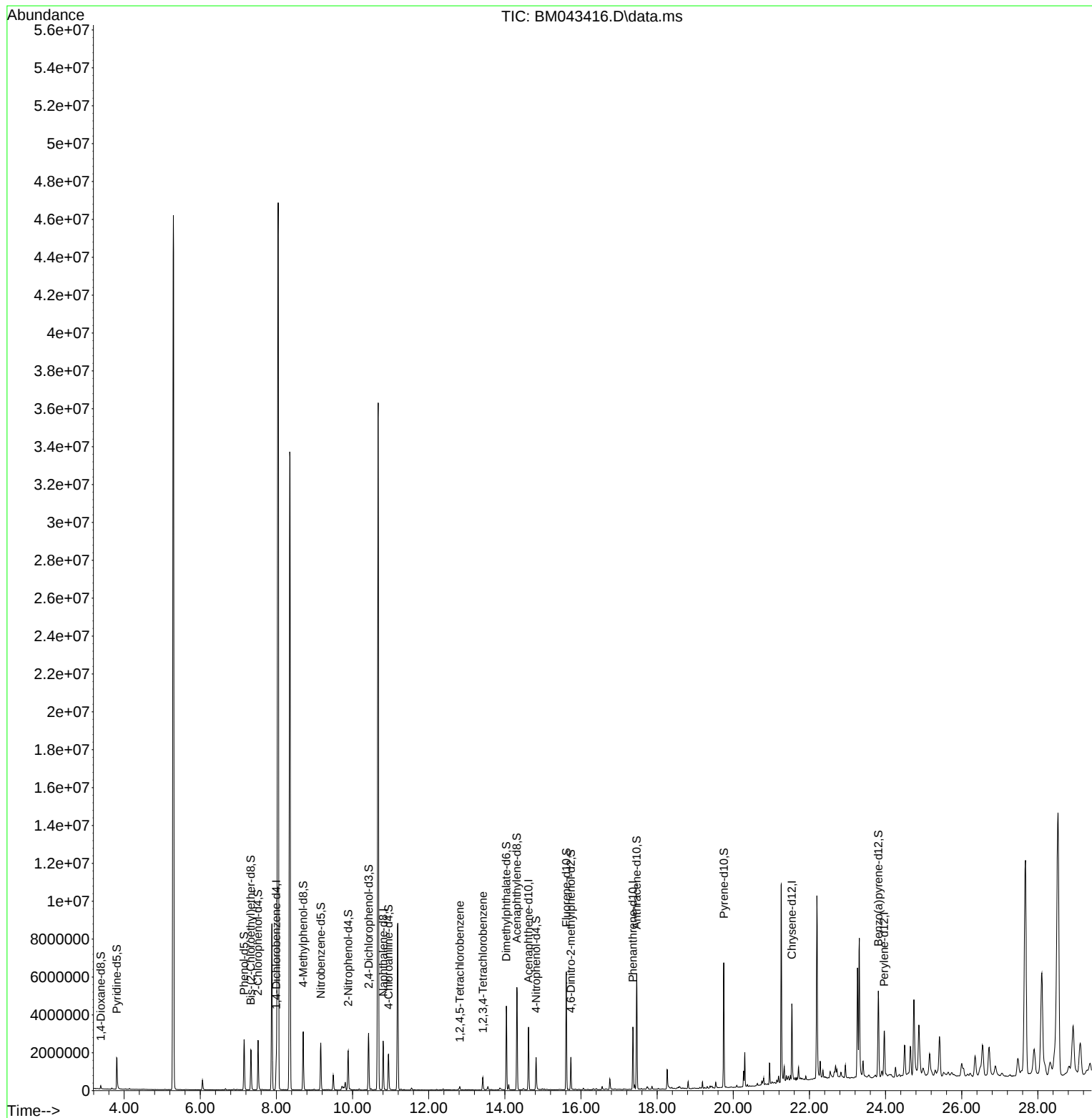
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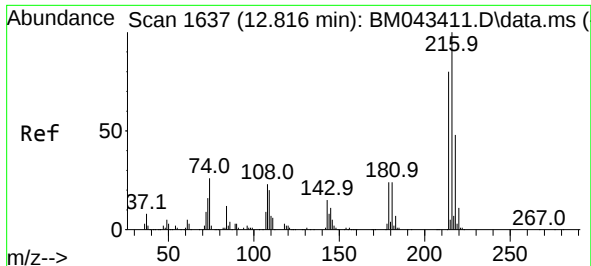
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.740 ng/ul m

RT: 12.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043416.D

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BNA_M

ClientSampleId :

C0AZ5

Tgt Ion:216 Resp: 5556

Ion Ratio Lower Upper

216 100

214 78.4 64.6 97.0

179 21.5 20.0 30.0

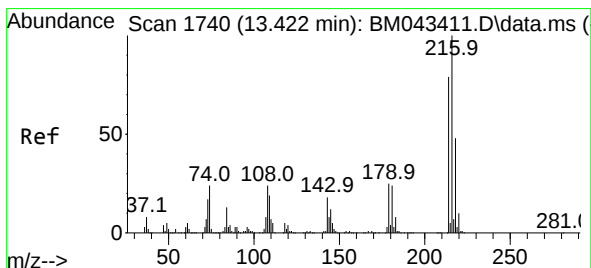
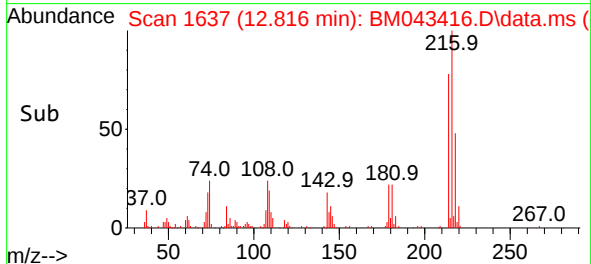
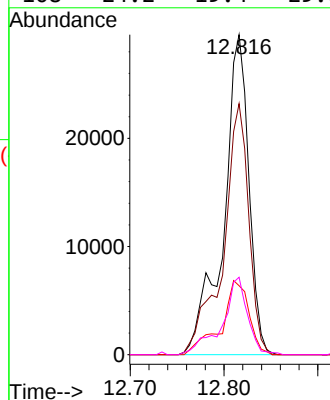
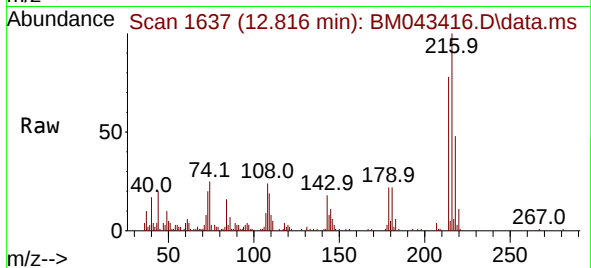
108 24.2 19.4 29.0

Manual Integrations

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#75

1,2,3,4-Tetrachlorobenzene

Concen: 5.711 ng/uL

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BM043416.D

Acq: 19 Dec 2023 05:35

Tgt Ion:216 Resp: 170308

Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

218 46.5 38.6 57.8

