

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017448.D
 Acq On : 29 Sep 2023 16:11
 Operator : MA/JU
 Sample : 04497-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJ20

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 06:11:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	300381	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1215859	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.657	164	777962	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.439	188	1713425	20.000	ng/ul	0.01
79) Chrysene-d12	21.569	240	1609187	20.000	ng/ul	0.01
88) Perylene-d12	24.145	264	1825079	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	23062	3.154	ng/uL	0.00
4) Pyridine-d5	3.740	84	171940	8.410	ng/ul	0.01
7) Phenol-d5	7.169	99	188476m	7.640	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.299	67	466293	31.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	504537	25.786	ng/ul	0.03
15) 4-Methylphenol-d8	8.734	113	349947m	18.245	ng/ul	0.06
21) Nitrobenzene-d5	9.175	128	298581	33.969	ng/ul	0.02
24) 2-Nitrophenol-d4	9.887	143	335133	35.114	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.457	165	545519	30.253	ng/ul	0.05
31) 4-Chloroaniline-d4	10.963	131	8838	0.338	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1873454	33.616	ng/ul	0.02
49) Acenaphthylene-d8	14.357	160	2107927	32.886	ng/ul	0.02
54) 4-Nitrophenol-d4	14.981	143	75222m	7.747	ng/ul	0.11
60) Fluorene-d10	15.657	176	1620440	33.774	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	211629	21.914	ng/ul	0.02
73) Anthracene-d10	17.545	188	2505010	32.964	ng/ul	0.02
81) Pyrene-d10	19.792	212	2988059	34.337	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.980	264	2839898	32.319	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.863	128	70190	1.109	ng/ul#	74
37) 1-Methylnaphthalene	12.687	142	120737	2.858	ng/ul#	95

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

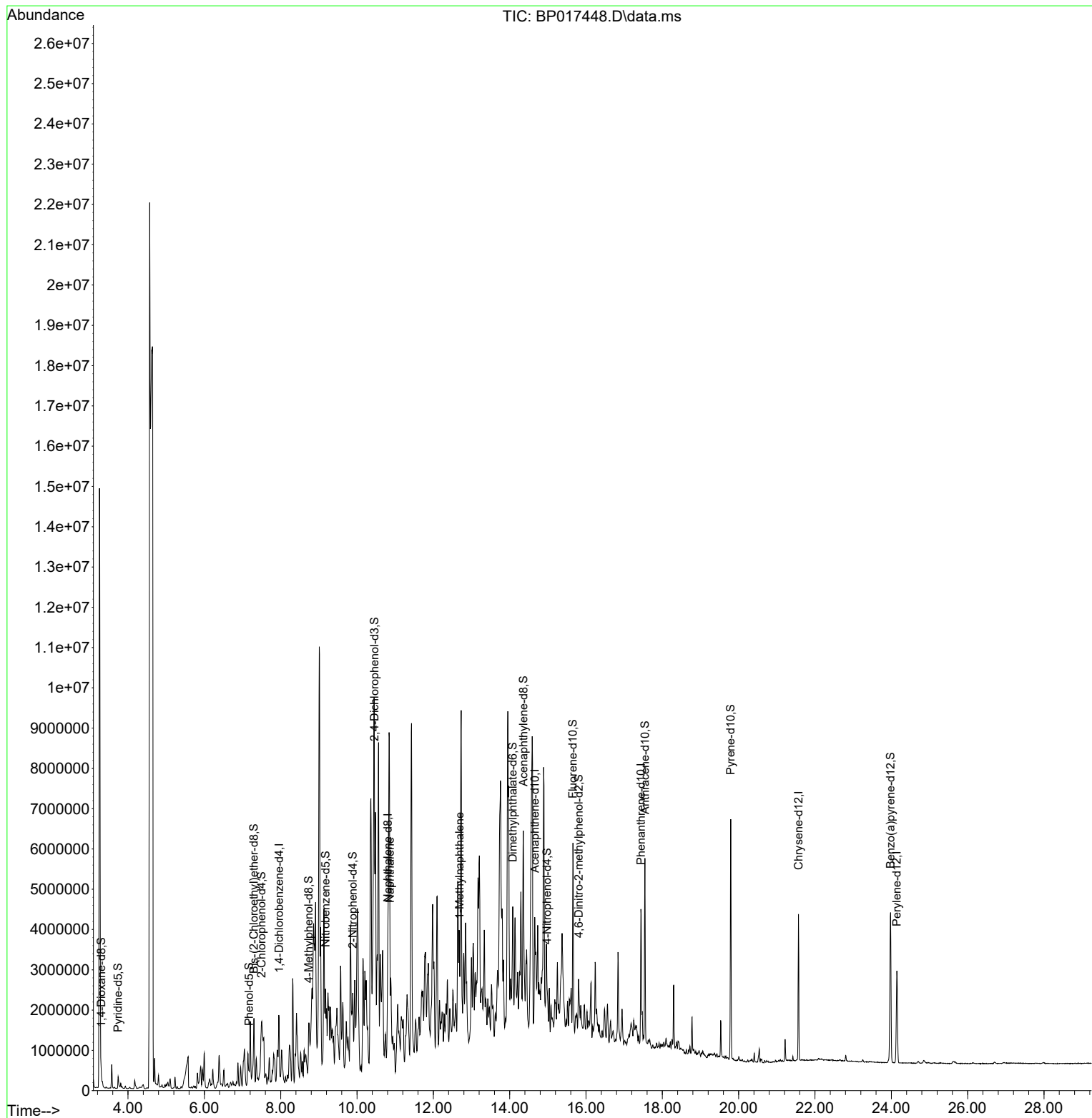
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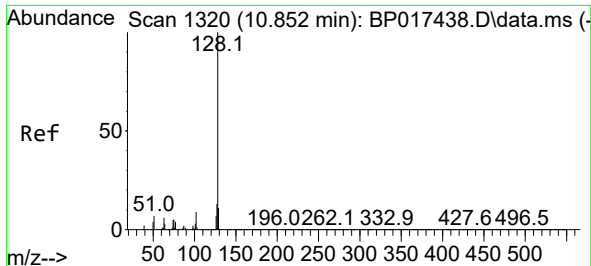
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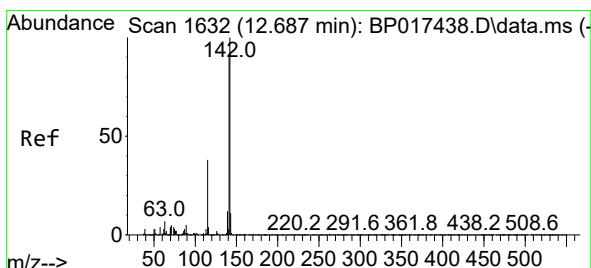
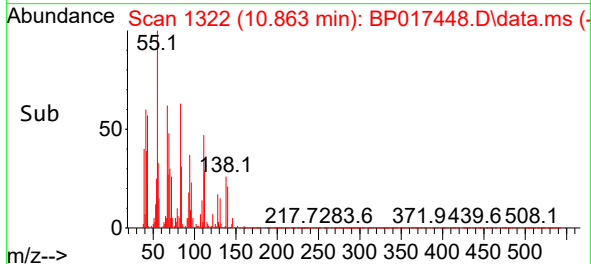
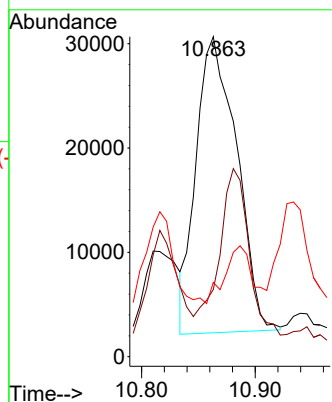
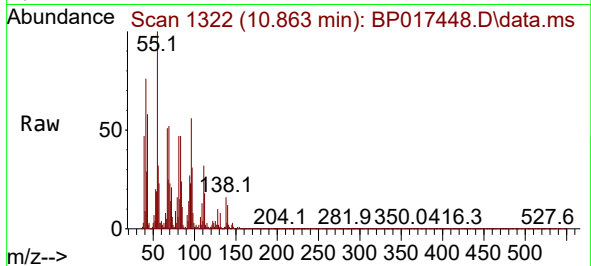
#30
Naphthalene
Concen: 1.109 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. 0.024 min
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Tgt Ion:128 Resp: 70190
Ion Ratio Lower Upper
128 100
129 21.0 8.6 13.0
127 23.2 10.6 15.8

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#37
1-Methylnaphthalene
Concen: 2.858 ng/ul
RT: 12.687 min Scan# 1632
Delta R.T. 0.012 min
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Tgt Ion:142 Resp: 120737
Ion Ratio Lower Upper
142 100
141 95.2 73.4 110.2
116 14.7 3.1 4.7

