Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014289.D
Acq On : 24 Mar 2023 13:45
Operator : CG/JU
Sample : 02037-01DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 24 22:35:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 22:30:41 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E45E4DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	173073	20.000	ng/ul	0.00
20) Naphthalene-d8	10.851	136	779106	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.675	164	583176	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.433	188	1372685	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.516	240	1270384	20.000	ng/ul	#-0.02
88) Perylene-d12	24.039	264	1182198	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	2397	0.523	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.199	99	7638	0.500	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	32194	3.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	25329	2.177	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	18473	1.481	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	20682	3.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	18425	2.476	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	34191	2.442	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	18663m	1.007	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	151219	3.055	ng/ul	-0.01
49) Acenaphthylene-d8	14.375	160	152562	2.910	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.669	176	134079	3.197	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.533	188	214795	3.223	ng/ul	-0.01
81) Pyrene-d10	19.763	212	263816	3.765	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.868	264	198470	3.156	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	96618	19.538	ng/uL#	87
18) 4-Methylphenol	8.810	108	17268	1.340	ng/ul	89
30) Naphthalene	10.904	128	668774	15.632	ng/ul	100
36) 2-Methylnaphthalene	12.510	142	36220	1.207	ng/ul	90

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

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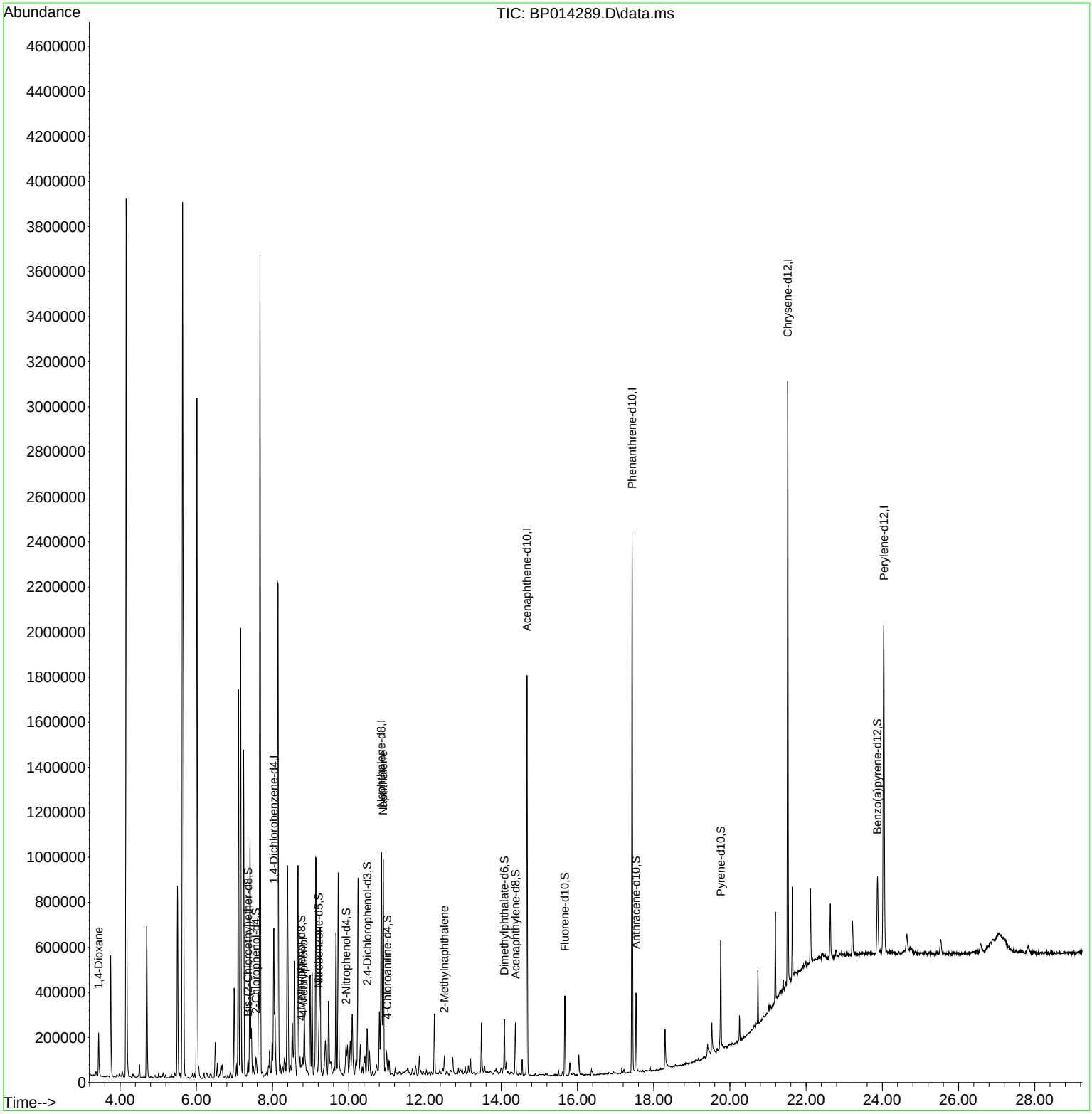
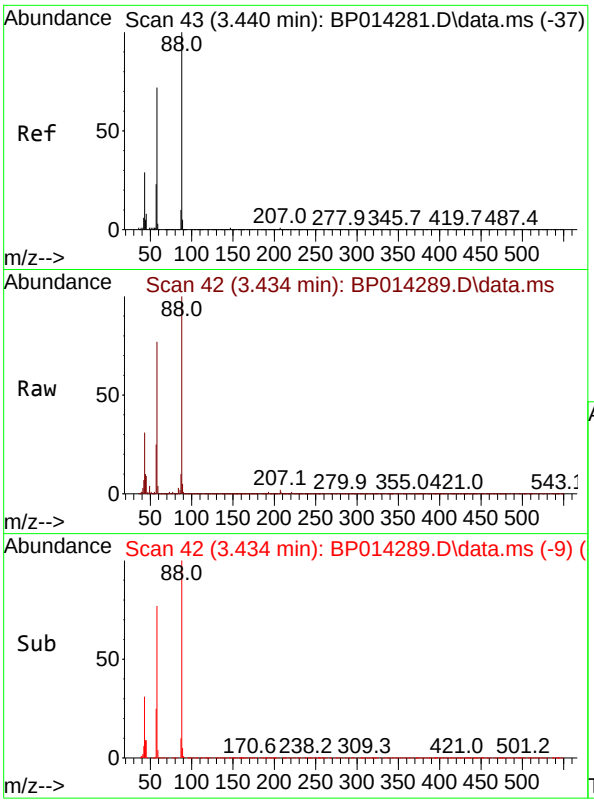
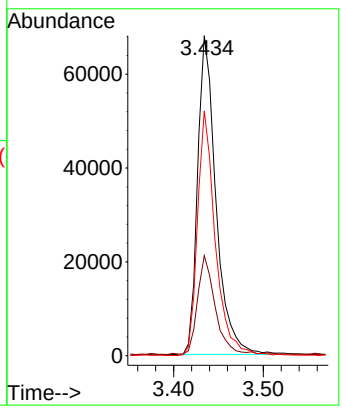




#2
1,4-Dioxane
Concen: 19.538 ng/uL
RT: 3.434 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP014289.D
Acq: 24 Mar 2023 13:45

Tgt Ion: 88 Resp: 9661

Ion	Ratio	Lower	Upper
88	100		
43	31.3	23.9	35.9
58	76.5	50.2	75.2



Instrument :
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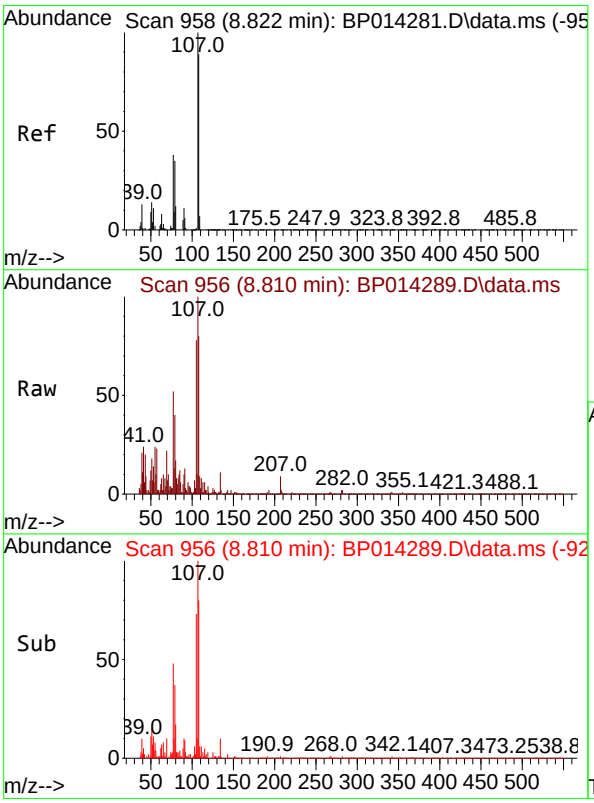
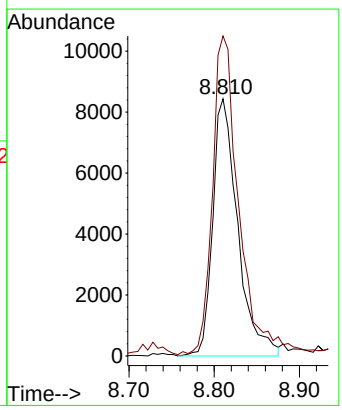
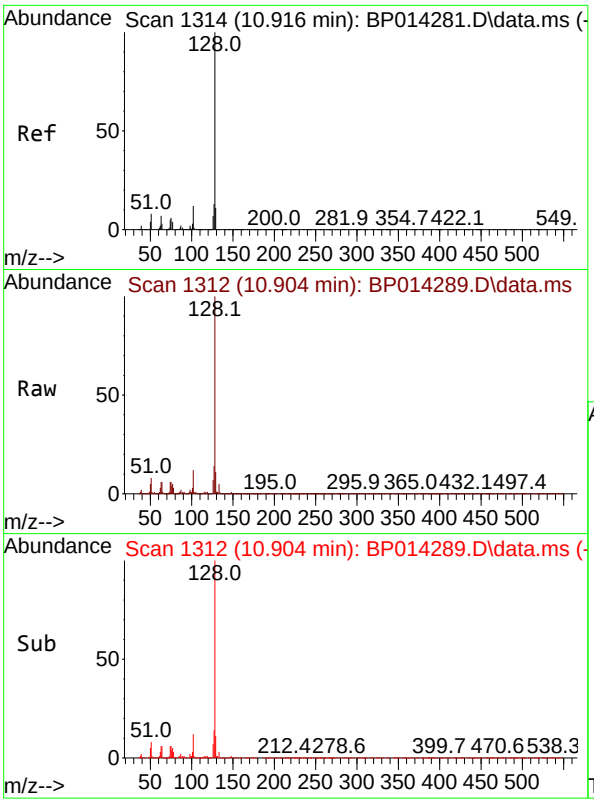


#18
4-Methylphenol
Concen: 1.340 ng/ul
RT: 8.810 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP014289.D
Acq: 24 Mar 2023 13:45

Tgt Ion:108 Resp: 17268

Ion	Ratio	Lower	Upper
108	100		
107	124.5	89.8	134.6

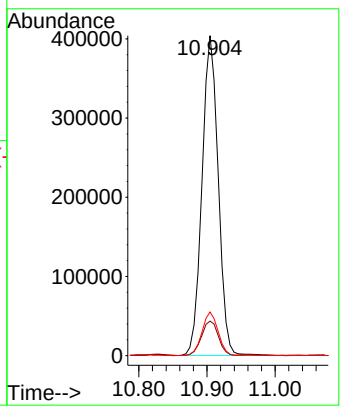




#30
Naphthalene
Concen: 15.632 ng/ul
RT: 10.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP014289.D
Acq: 24 Mar 2023 13:45

Tgt Ion:128 Resp: 66877

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.7	11.0	16.4



Instrument :
BNA_P
ClientSampleId :
E45E4DL

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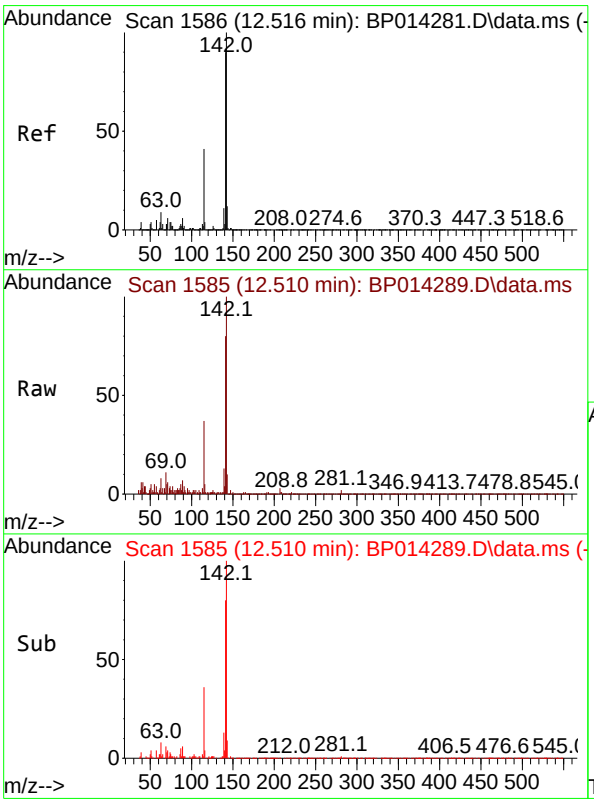

#36
2-Methylnaphthalene
Concen: 1.207 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP014289.D
Acq: 24 Mar 2023 13:45

Tgt Ion:142 Resp: 36220

Ion	Ratio	Lower	Upper
142	100		
141	80.0	71.7	107.5