Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018691.D
Acq On : 08 Dec 2023 01:22
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AJ4

Quant Time: Dec 08 02:05:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	338489	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	1294868	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	802550	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1884469	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2116821	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	2505196	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	36143	3.639	ng/uL	0.00
4) Pyridine-d5	3.681	84	431728	16.227	ng/ul	0.00
7) Phenol-d5	7.010	99	639934	18.839	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	383391	19.043	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	494066	18.640	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	485535	17.662	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	213994	18.568	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	211700	17.718	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	501919	20.543	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	660925	20.699	ng/ul	-0.01
46) Dimethylphthalate-d6	13.892	166	1672810	23.354	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	1865628	23.654	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	298586	25.395	ng/ul	-0.01
60) Fluorene-d10	15.463	176	1490502	24.790	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	200542	17.748	ng/ul	0.00
73) Anthracene-d10	17.322	188	2191376	22.119	ng/ul	0.00
81) Pyrene-d10	19.557	212	3218668	19.533	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.527	264	3577793	24.494	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.298	142	93853	1.687	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	68064	1.211	ng/ul	98
72) Phenanthrene	17.263	178	168668	1.482	ng/ul	98

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

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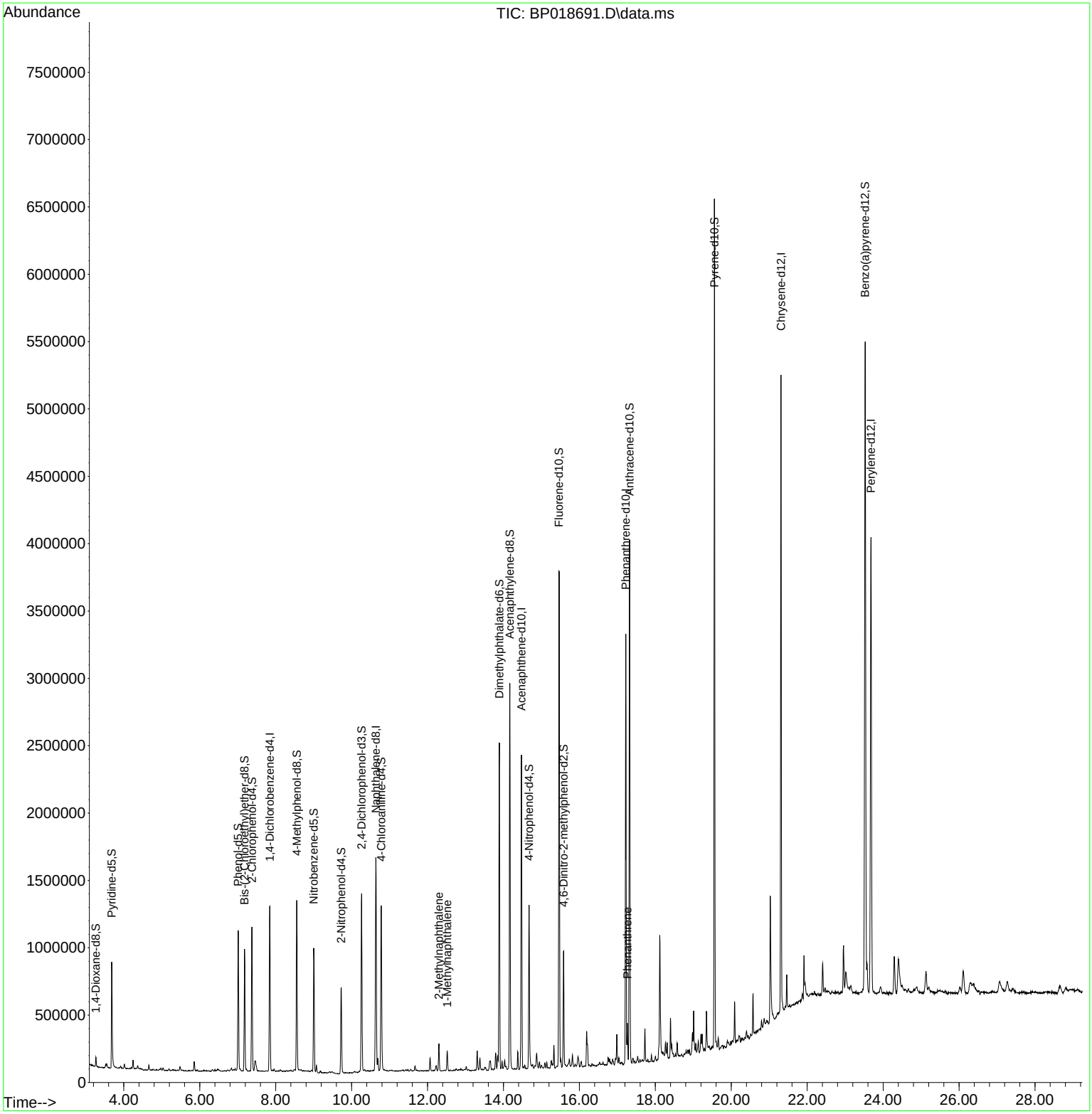
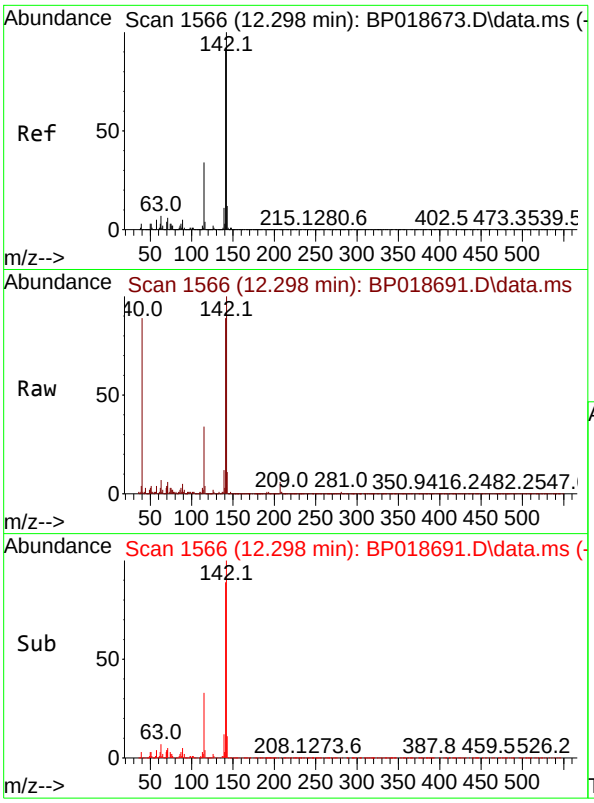


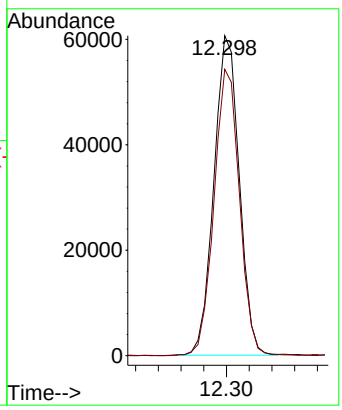


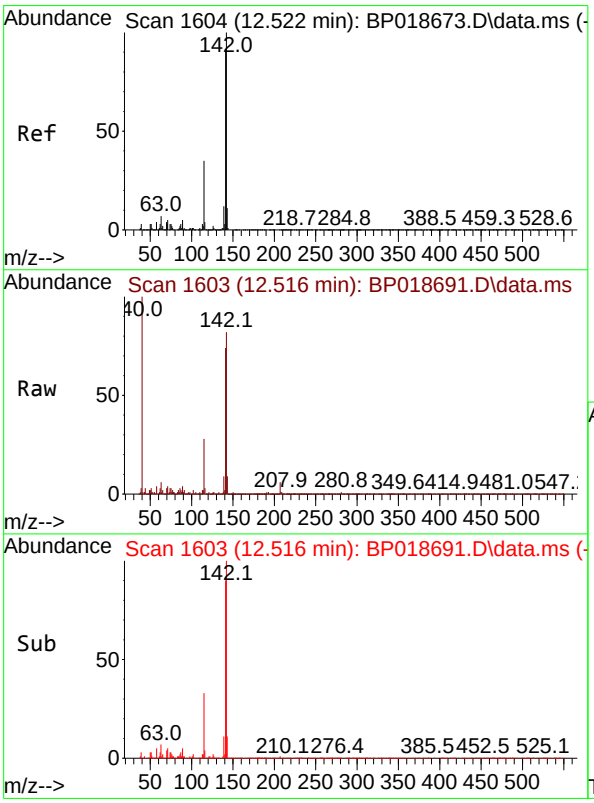
#36
2-Methylnaphthalene
Concen: 1.687 ng/ul
RT: 12.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP018691.D
Acq: 08 Dec 2023 01:22

Instrument :
BNA_P
ClientSampleId :
C0AJ4

Tgt Ion:142 Resp: 93853

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0

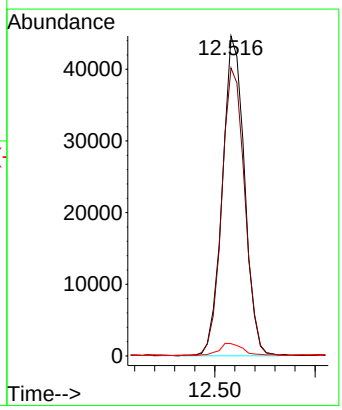


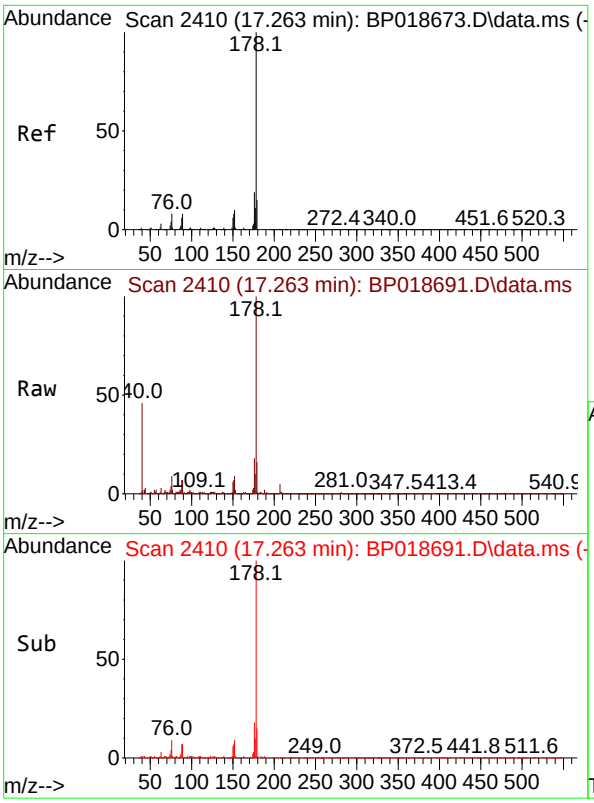


#37
1-Methylnaphthalene
Concen: 1.211 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP018691.D
Acq: 08 Dec 2023 01:22

Tgt Ion:142 Resp: 68064

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
116	3.9	2.8	4.2





#72
Phenanthrene
Concen: 1.482 ng/ul
RT: 17.263 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP018691.D
Acq: 08 Dec 2023 01:22

Instrument :
BNA_P
ClientSampleId :
C0AJ4

Tgt Ion:178 Resp: 168668

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.8	15.4	23.2