Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034385.D
Acq On : 04 Oct 2024 00:25
Operator : RC/JU
Sample : P4084-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCYN2

Quant Time: Oct 04 01:15:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	212729	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	791134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	482111	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	970978	20.000	ng/ul	0.00
79) Chrysene-d12	21.021	240	1006461	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	1261322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	11903	2.283	ng/uL	0.00
4) Pyridine-d5	3.399	84	46335	2.990	ng/ul	0.01
7) Phenol-d5	6.581	99	235547	12.476	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	144434	12.330	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	199563	13.428	ng/ul	0.00
15) 4-Methylphenol-d8	8.093	113	195556	12.588	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	97332	15.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	92845	14.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	184778	15.131	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	213410	11.543	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	577660	16.033	ng/ul	-0.01
49) Acenaphthylene-d8	13.722	160	689931	17.022	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	58428	7.902	ng/ul	0.00
60) Fluorene-d10	15.039	176	548820	17.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.169	200	51569	8.908	ng/ul	0.00
73) Anthracene-d10	16.892	188	851825	18.660	ng/ul	0.00
81) Pyrene-d10	19.198	212	1023256	18.247	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1200774	18.533	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.098	153	79747	2.518	ng/ul	96
61) Fluorene	15.092	166	55834	1.576	ng/ul	92
72) Phenanthrene	16.833	178	132350	2.472	ng/ul	99

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

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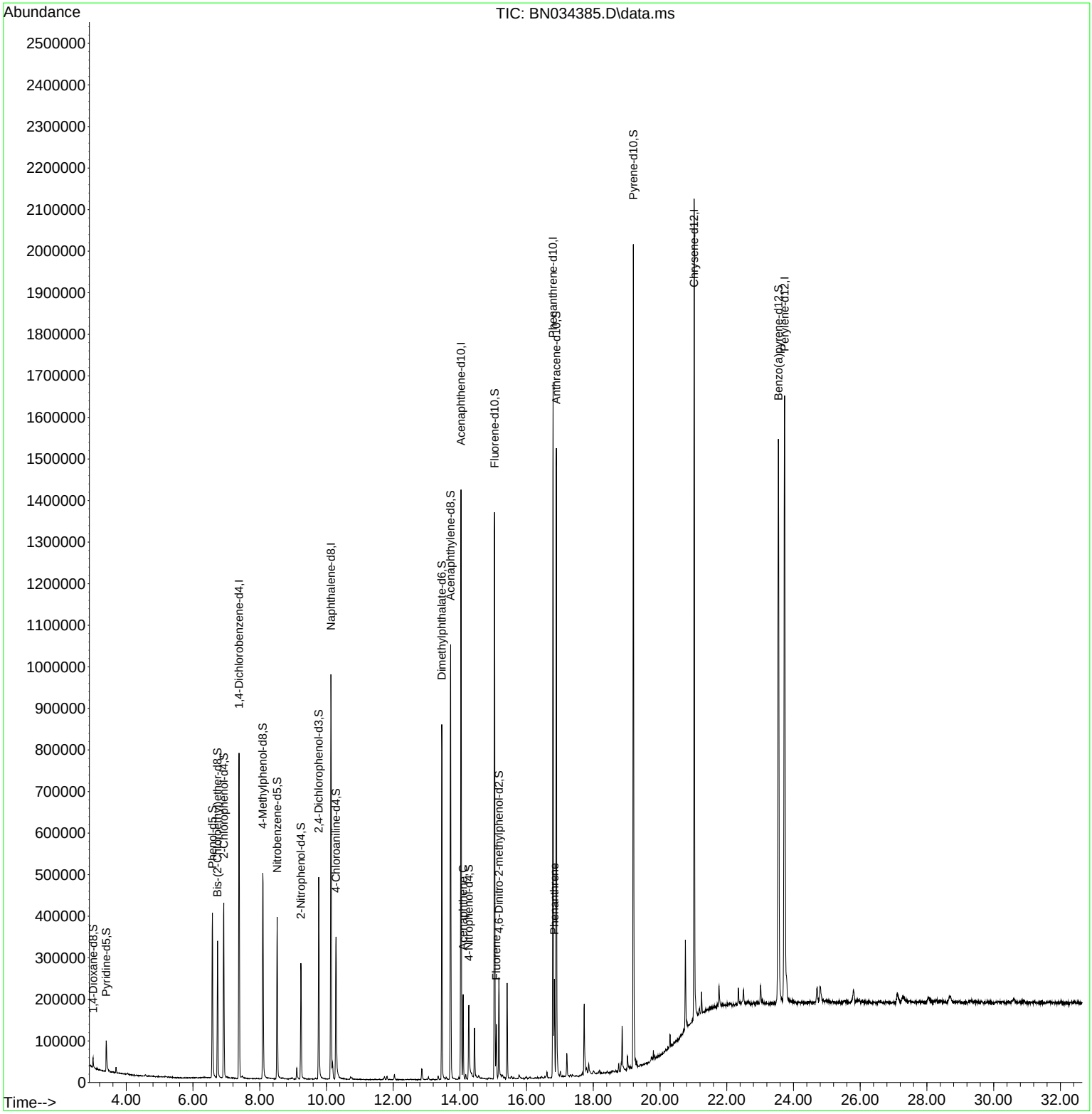
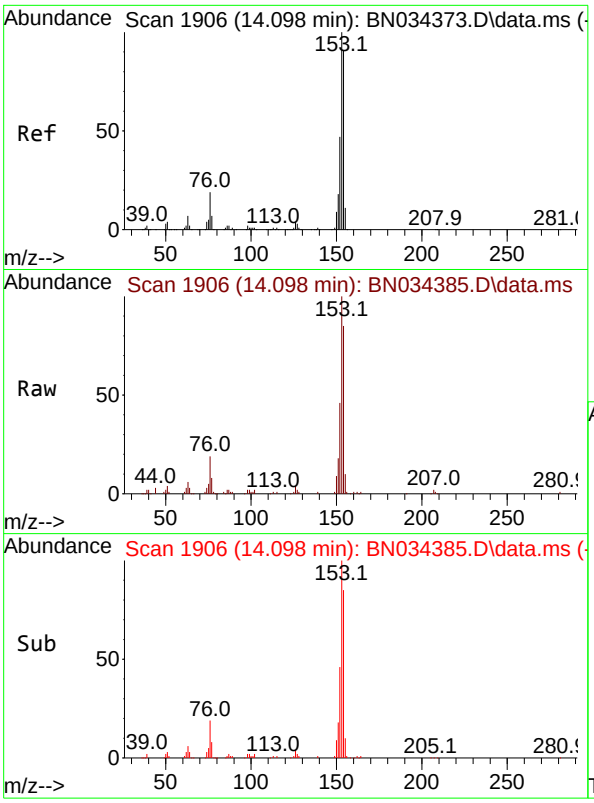


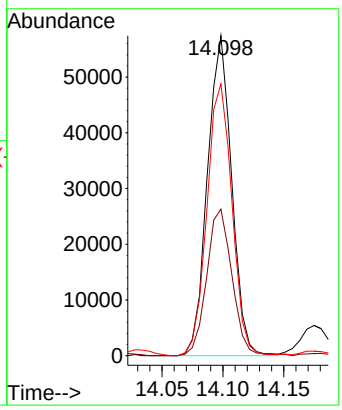


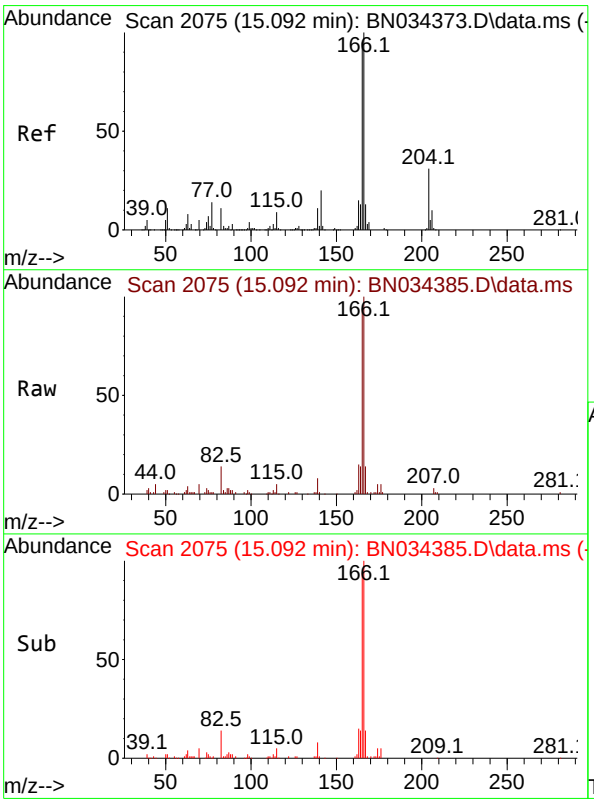
#52
Acenaphthene
Concen: 2.518 ng/ul
RT: 14.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034385.D
Acq: 04 Oct 2024 00:25

Instrument :
BNA_N
ClientSampleId :
DCYN2

Tgt Ion:153 Resp: 79747

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.8	56.8
154	84.9	71.2	106.8

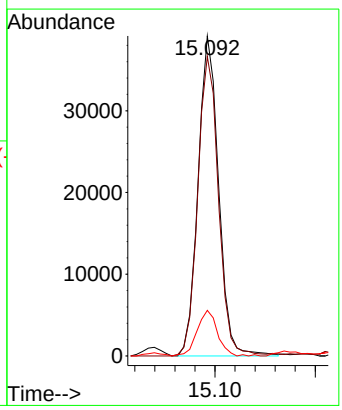


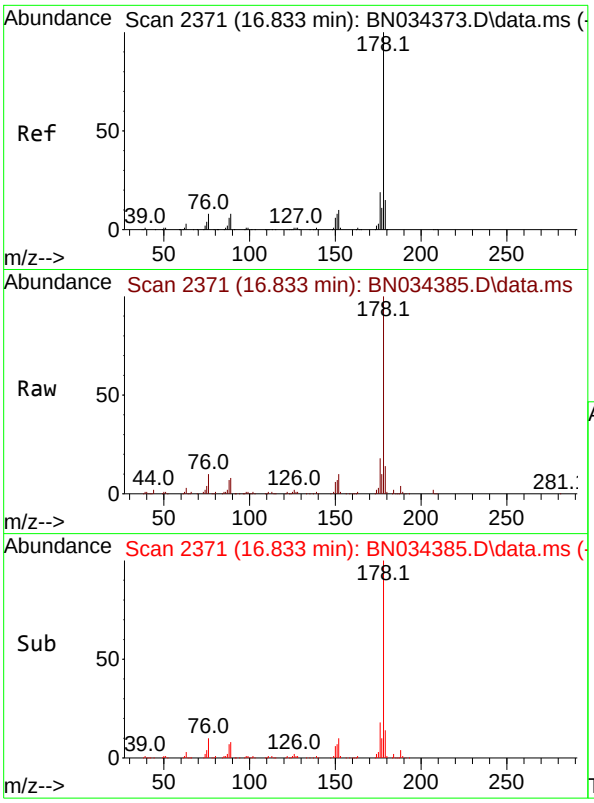


#61
Fluorene
Concen: 1.576 ng/ul
RT: 15.092 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BN034385.D
Acq: 04 Oct 2024 00:25

Tgt Ion:166 Resp: 55834

Ion	Ratio	Lower	Upper
166	100		
165	93.6	81.9	122.9
167	14.2	10.9	16.3





#72
Phenanthrene
Concen: 2.472 ng/ul
RT: 16.833 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034385.D
Acq: 04 Oct 2024 00:25

Instrument :
BNA_N
ClientSampleId :
DCYN2

Tgt Ion:178 Resp: 132350

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.9	17.9
176	18.5	15.2	22.8