Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024173.D
Acq On : 08 Mar 2023 18:02
Operator : CG/JU
Sample : 01746-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAC2

Quant Time: Mar 09 03:36:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 01:03:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	7956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.877	136	24239	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.693	164	13687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.438	188	28518	0.400	ng/ul	0.00
17) Chrysene-d12	21.629	240	19208	0.400	ng/ul	0.00
23) Perylene-d12	24.134	264	17617	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.409	96	40313	4.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	9702	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	22131	0.433	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.927	128	4993	0.083	ng/ul#	91
8) 1-Methylnaphthalene	12.747	142	1102	0.029	ng/ul	99
10) Acenaphthylene	14.416	152	2880	0.050	ng/ul#	91
11) Acenaphthene	14.753	153	100442	2.283	ng/ul	98
12) Fluorene	15.739	166	119748	2.437	ng/ul	99
16) Anthracene	17.569	178	2514	0.035	ng/ul#	86

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

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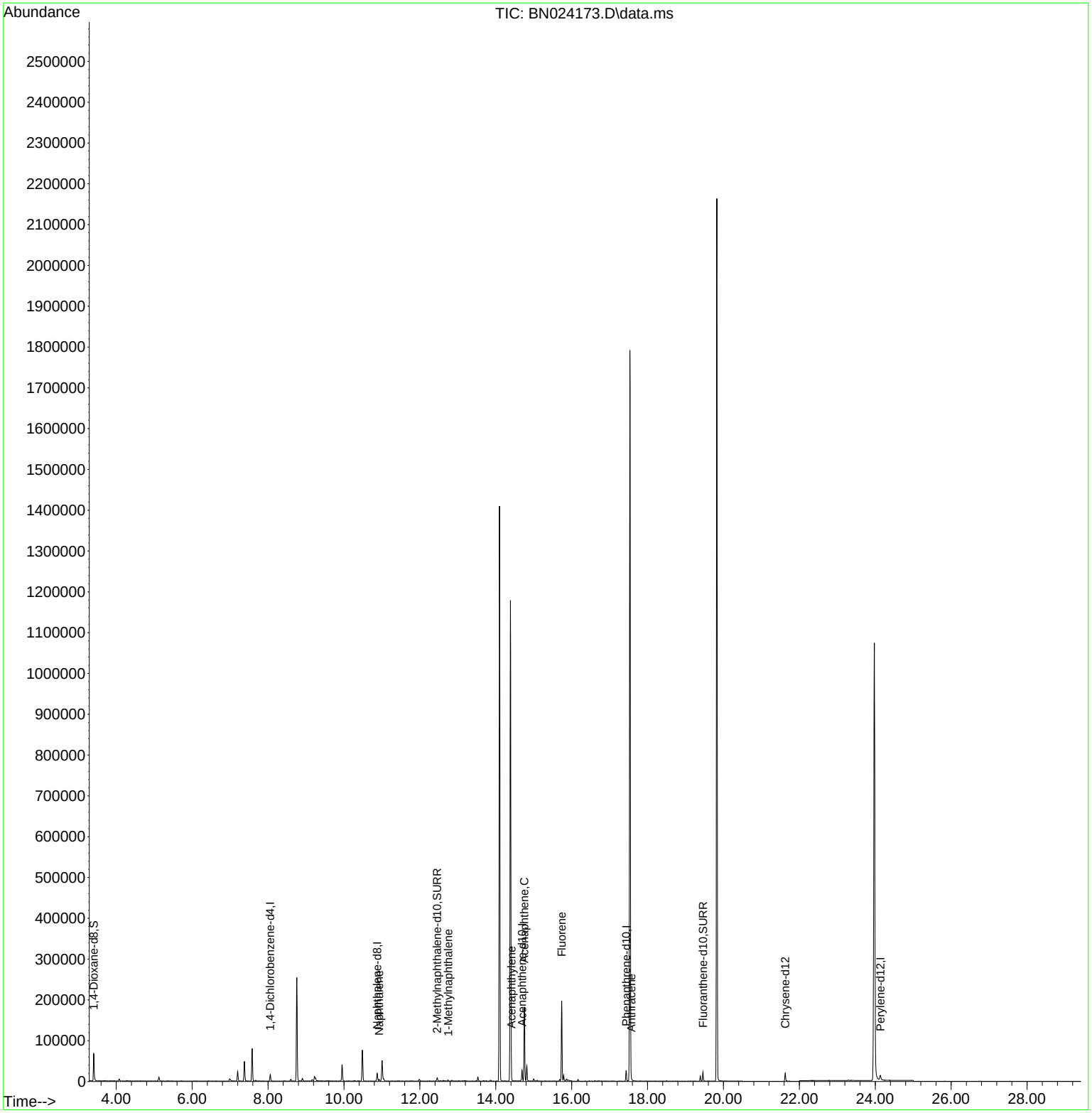
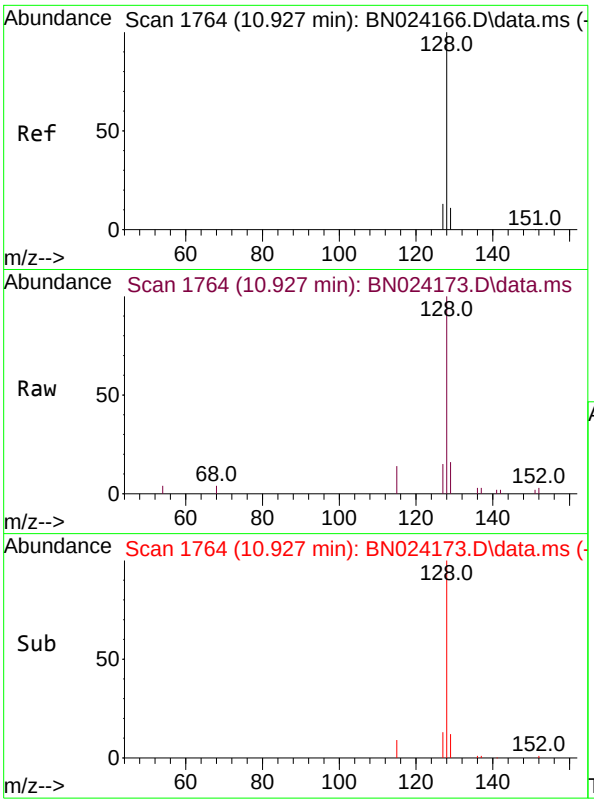


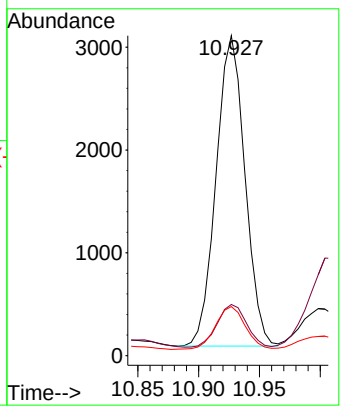


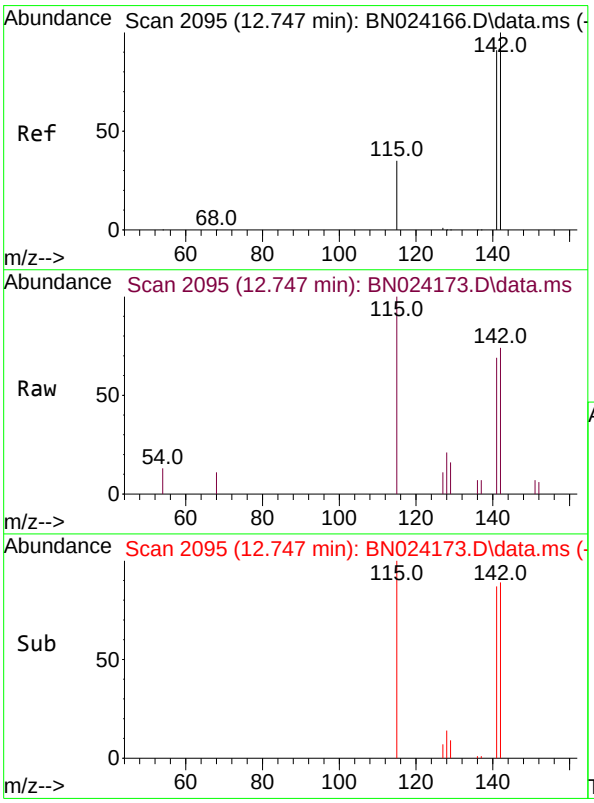
#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.927 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Instrument :
BNA_N
ClientSampleId :
DCAC2

Tgt Ion:128 Resp: 4993

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.0	13.6#
127	15.3	10.5	15.7

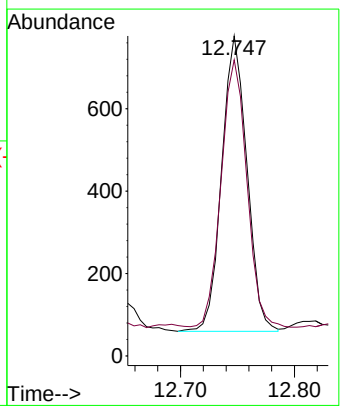


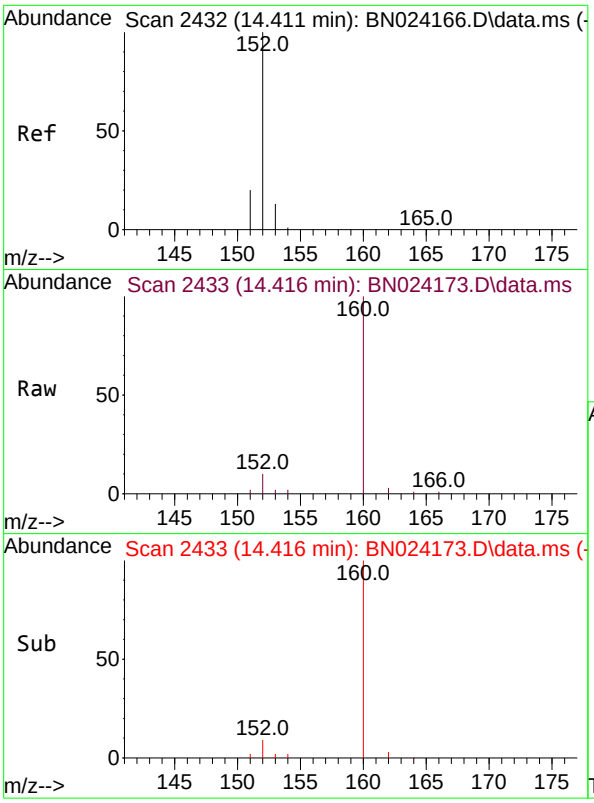


#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Tgt Ion:142 Resp: 1102

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6



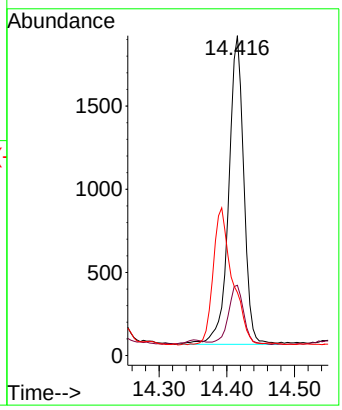


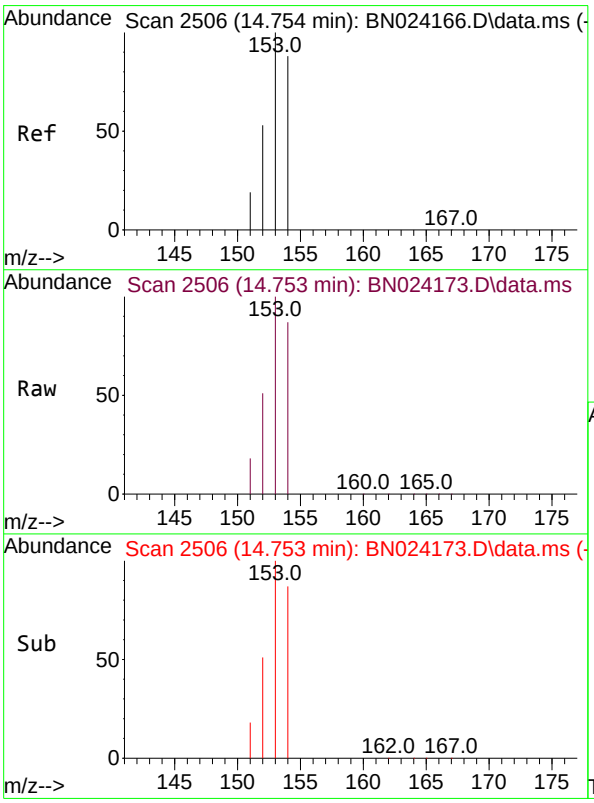
#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.416 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Instrument :
BNA_N
ClientSampleId :
DCAC2

Tgt Ion:152 Resp: 2880

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.9	23.9
153	19.7	10.6	16.0#

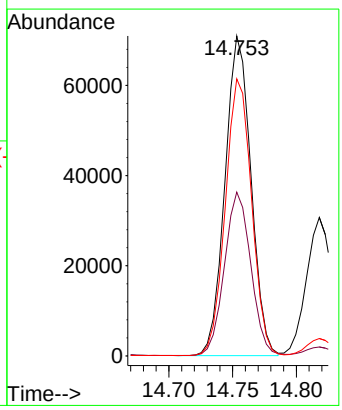


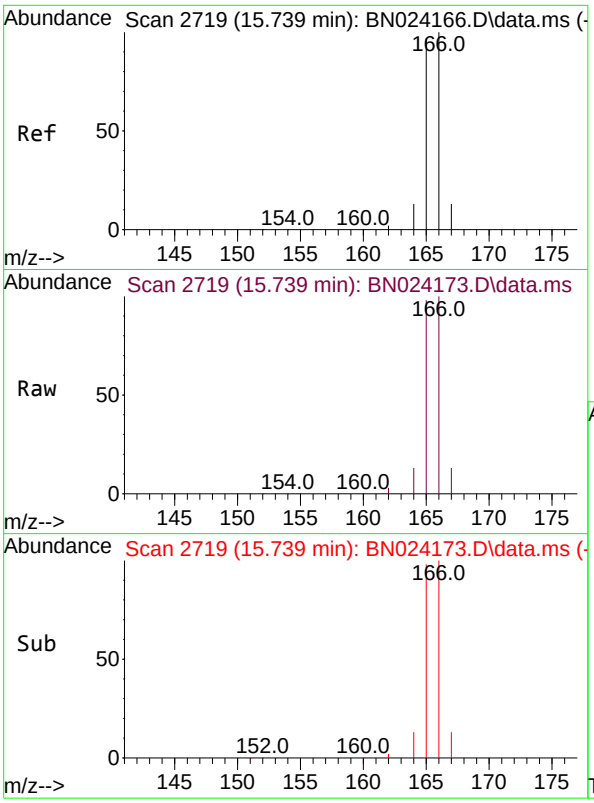


#11
Acenaphthene
Concen: 2.283 ng/ul
RT: 14.753 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Tgt Ion:153 Resp: 100442

Ion	Ratio	Lower	Upper
153	100		
152	51.2	42.6	64.0
154	86.6	70.6	105.8



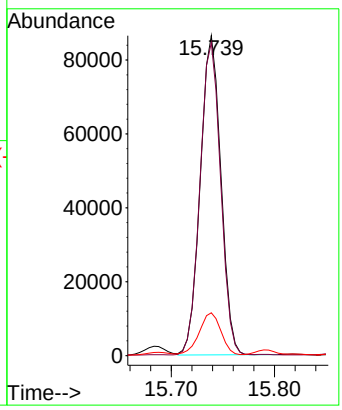


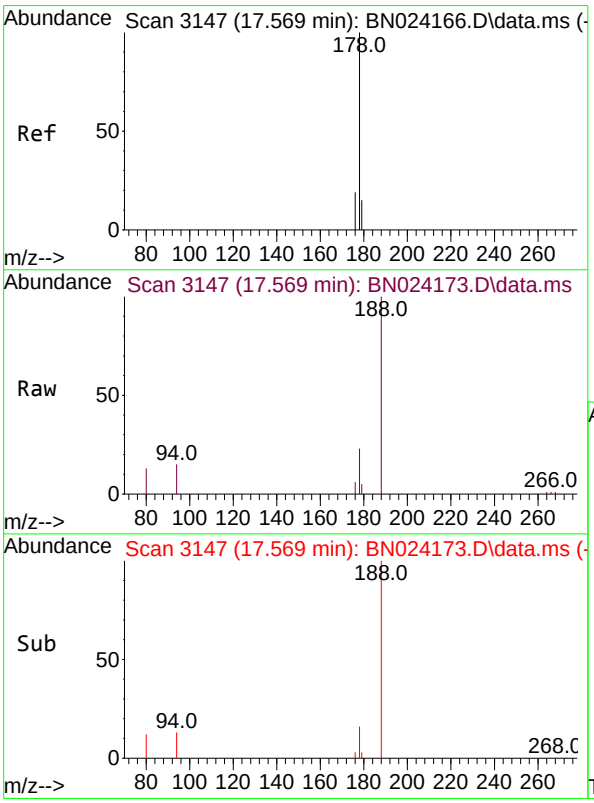
#12
Fluorene
Concen: 2.437 ng/ul
RT: 15.739 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Instrument :
BNA_N
ClientSampleId :
DCAC2

Tgt Ion:166 Resp: 119748

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.0
167	13.4	10.9	16.3





#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BN024173.D
Acq: 08 Mar 2023 18:02

Tgt Ion:178 Resp: 2514

Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.3	18.5#
176	25.2	15.3	22.9#