Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033584.D
Acq On : 22 Dec 2021 20:28
Operator : CG/JU
Sample : M5038-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00Z4

Quant Time: Dec 23 00:38:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	955	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.553	164	673	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	1410	0.400	ng/ul	-0.01
17) Chrysene-d12	21.492	240	1677	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	1857	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1649	5.017	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	574	0.449	ng/ul	-0.01
18) Fluoranthene-d10	19.334	212	2009	0.518	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.765	128	154	0.049	ng/ul#	43
7) 2-Methylnaphthalene	12.384	142	60	0.028	ng/ul	98
11) Acenaphthene	14.633	153	100	0.036	ng/ul#	71
15) Phenanthrene	17.340	178	126	0.028	ng/ul#	36
19) Fluoranthene	19.365	202	153	0.030	ng/ul#	9

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

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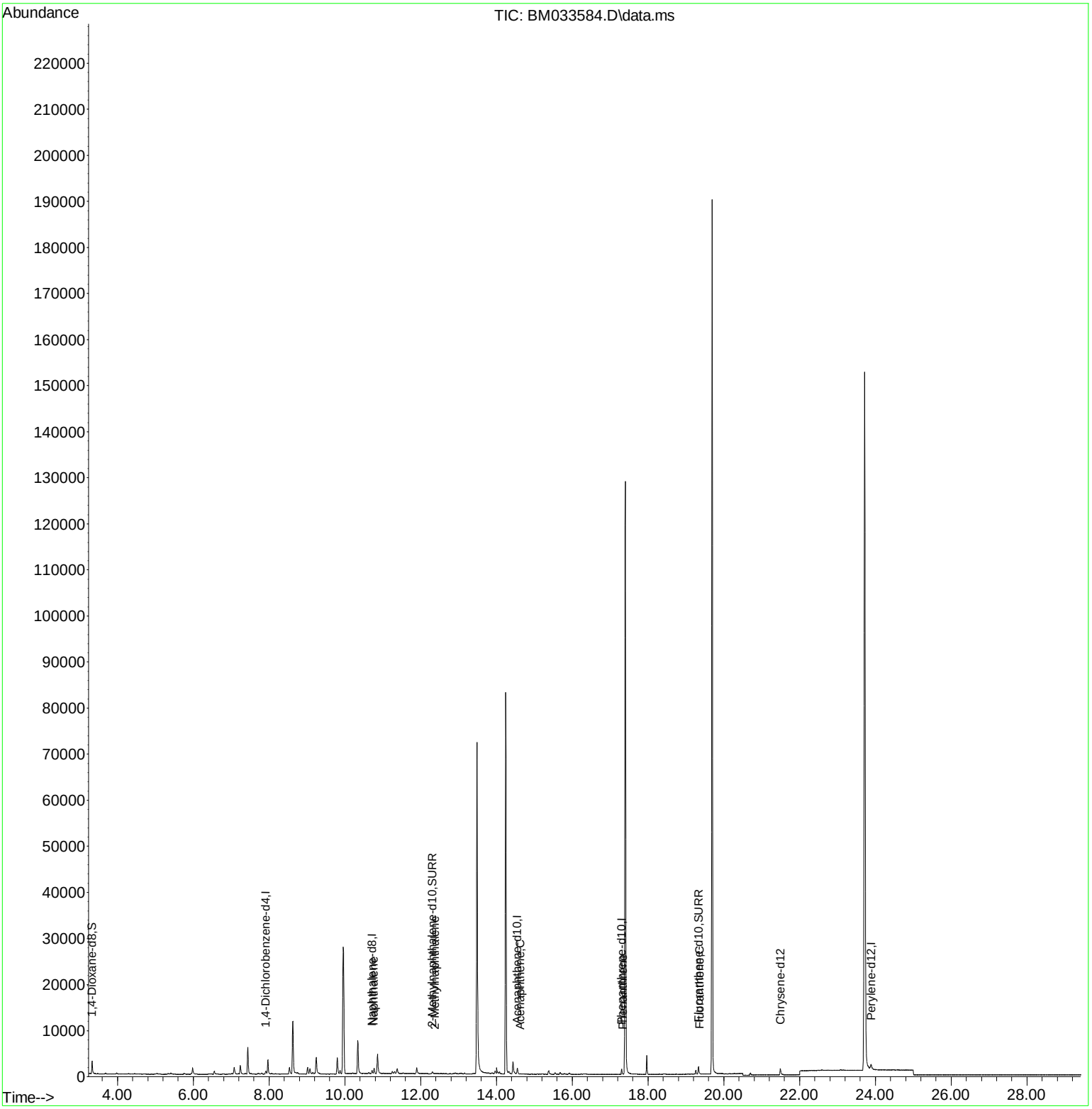
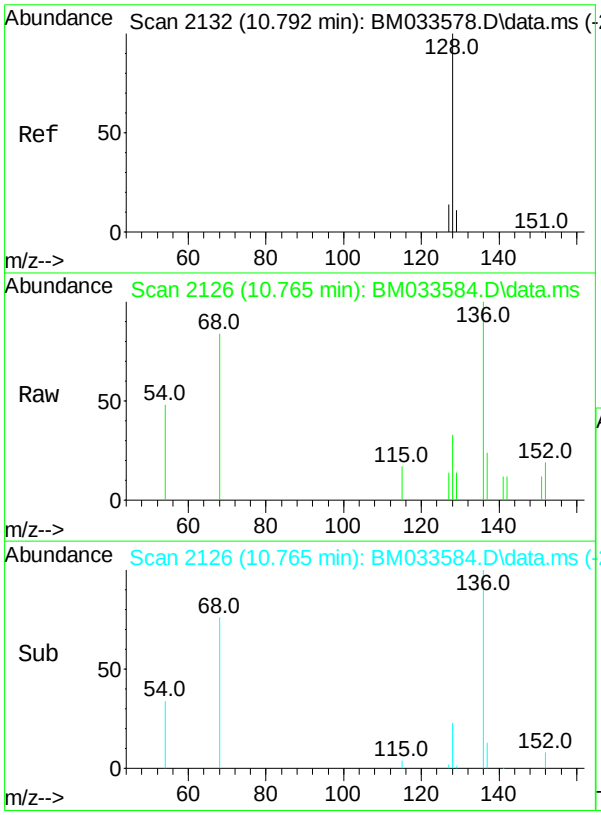


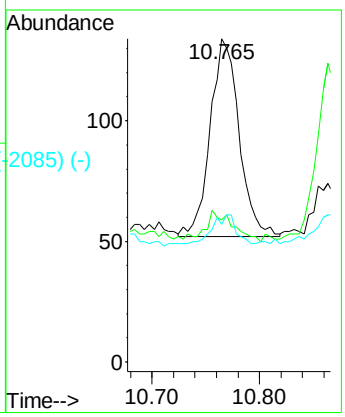


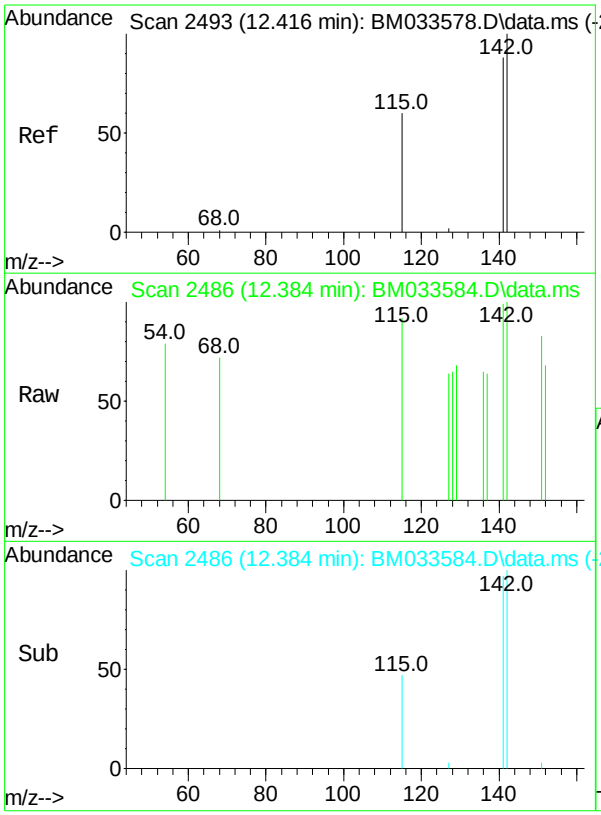
#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.765 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM033584.D
Acq: 22 Dec 2021 20:28

Instrument :
BNA_M
ClientSampleId :
C00Z4

Tgt Ion:128 Resp: 154

Ion	Ratio	Lower	Upper
128	100		
129	44.0	13.4	20.2#
127	42.5	15.2	22.8#

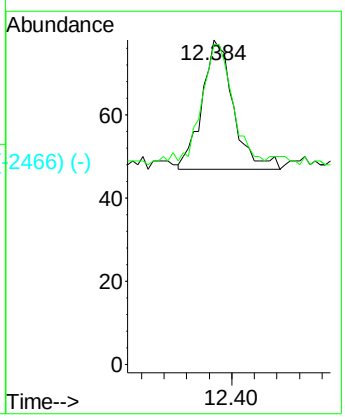


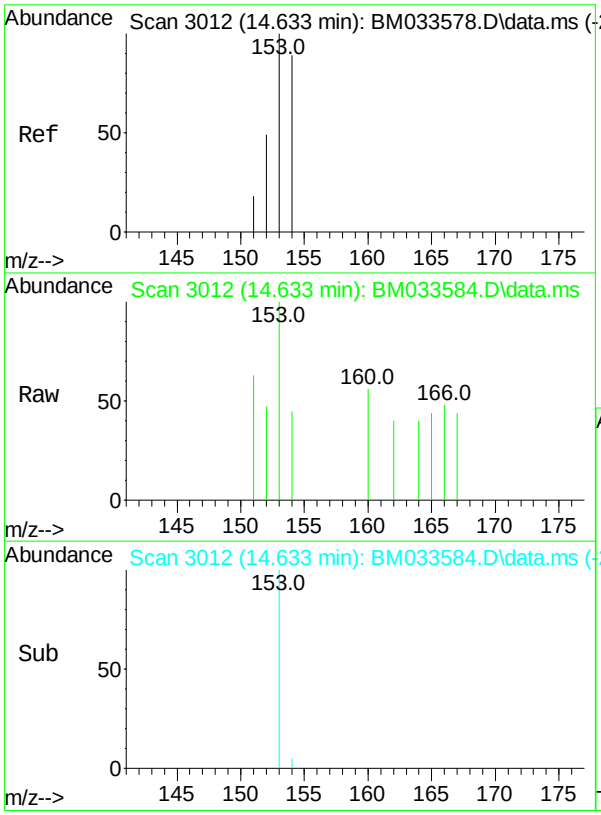


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.384 min Scan# 2486
Delta R.T. -0.009 min
Lab File: BM033584.D
Acq: 22 Dec 2021 20:28

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.8	107.6



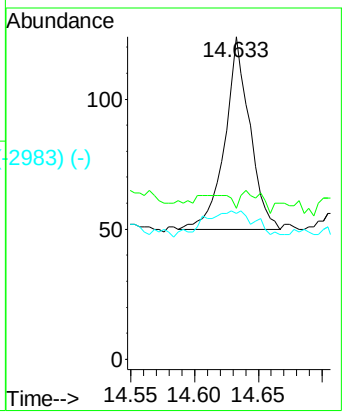


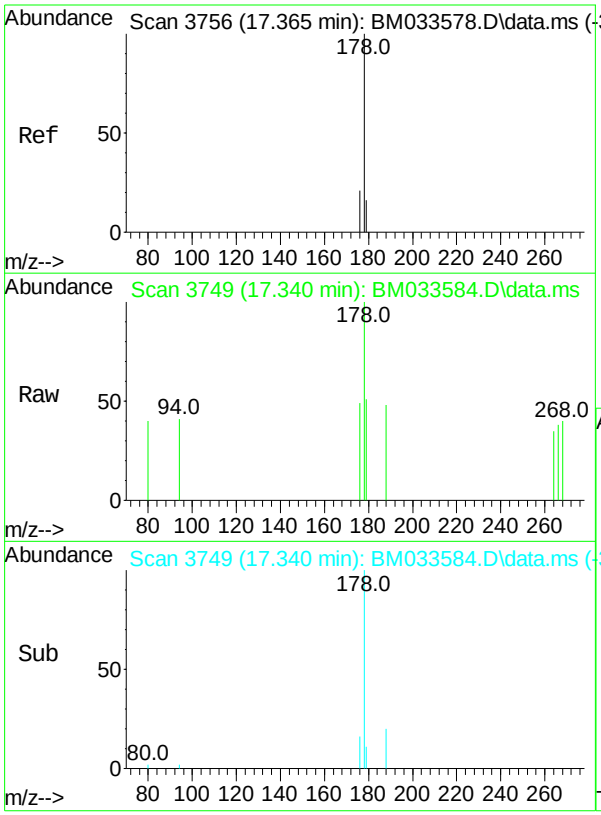
#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.633 min Scan# 1
Delta R.T. 0.011 min
Lab File: BM033584.D
Acq: 22 Dec 2021 20:28

Instrument :
BNA_M
ClientSampleId :
C00Z4

Tgt Ion:153 Resp: 100

Ion	Ratio	Lower	Upper
153	100		
152	46.8	42.4	63.6
154	45.2	66.2	99.2#

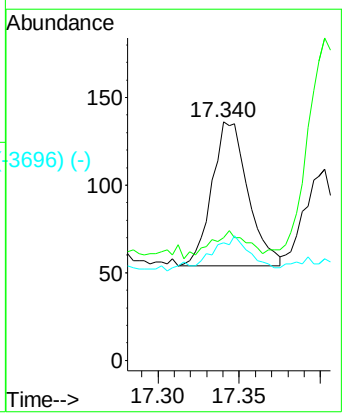


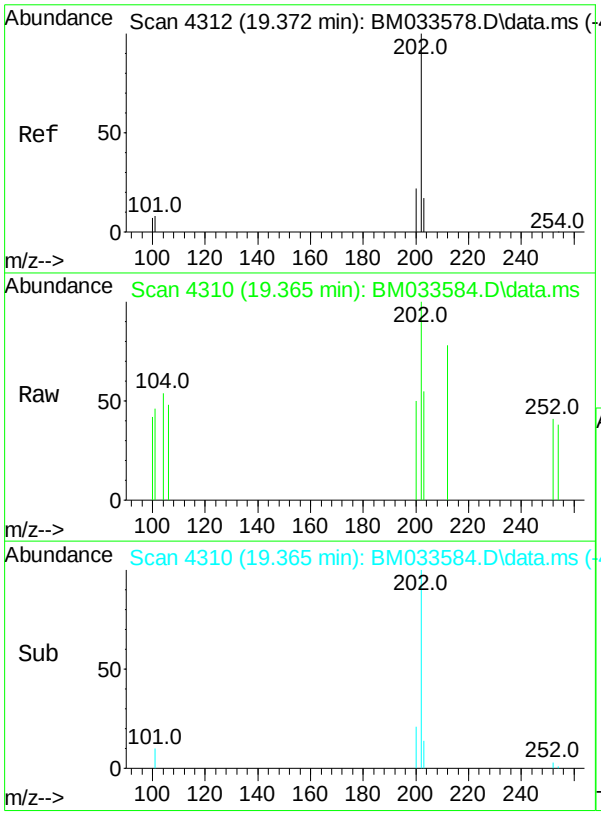


#12
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.340 min Scan# 3749
Delta R.T. -0.017 min
Lab File: BM033584.D
Acq: 22 Dec 2021 20:28

Tgt Ion:178 Resp: 126

Ion	Ratio	Lower	Upper
178	100		
179	51.5	15.0	22.6#
176	49.3	17.9	26.9#





#19
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.365 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033584.D
Acq: 22 Dec 2021 20:28

Instrument :
BNA_M
ClientSampleId :
C00Z4

Tgt Ion:202 Resp: 153

Ion	Ratio	Lower	Upper
202	100		
101	46.2	9.2	13.8#
100	42.0	7.2	10.8#