Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030969.D
Acq On : 14 Jul 2021 20:37
Operator : CG/JU
Sample : M2910-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW3

Manual Integrations APPROVED
mohammad
7/15/2021 11:31:10 AM

Quant Time: Jul 15 04:07:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	1128	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.428	136	3933	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.292	164	2945	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.037	188	6202m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.224	240	5938	0.400	ng/ul	-0.01
23) Perylene-d12	23.413	264	6053	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	5436	4.686	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.020	152	2511	0.367	ng/ul	-0.01
18) Fluoranthene-d10	19.066	212	8895	0.445	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	305	0.236	ng/ul#	41
11) Acenaphthene	14.353	153	258	0.025	ng/ul#	91
14) Pentachlorophenol	16.690	266	215427	98.330	ng/ul	99
15) Phenanthrene	17.079	178	521	0.027	ng/ul#	36
16) Anthracene	17.172	178	553	0.030	ng/ul#	50

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

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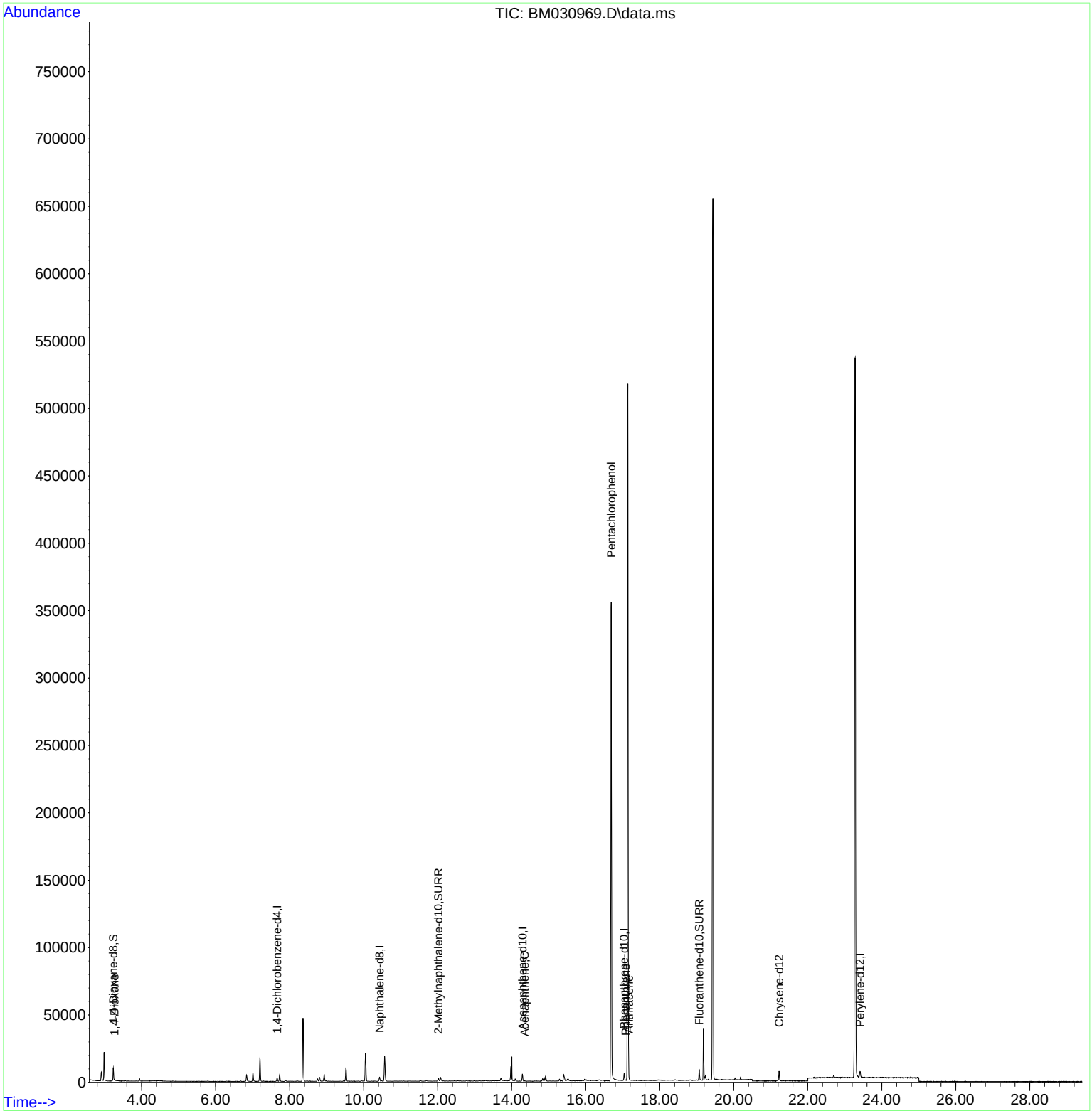
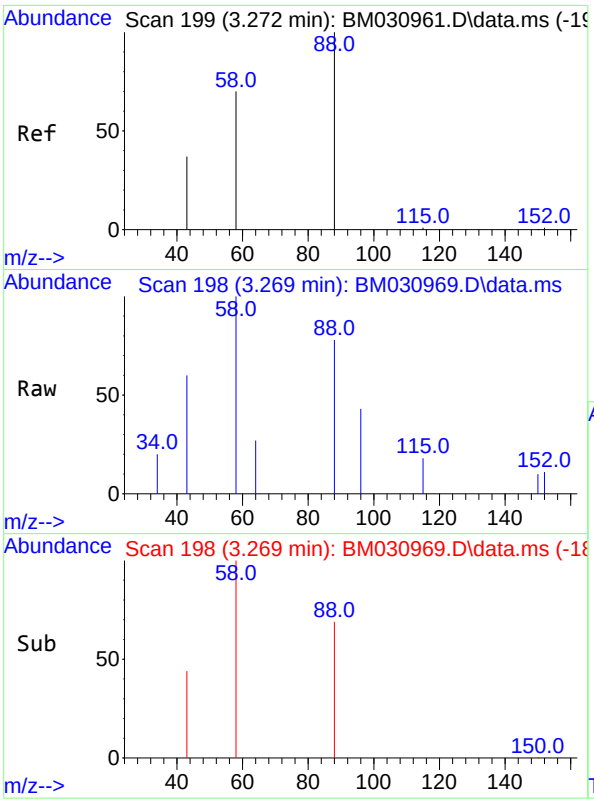
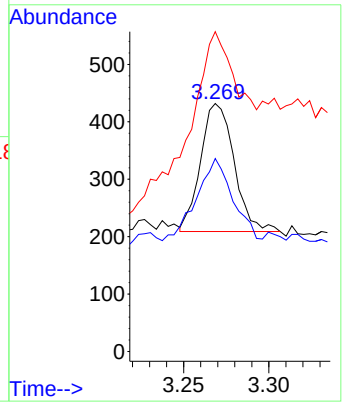




#2
1,4-Dioxane
Concen: 0.236 ng/ul
RT: 3.269 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030969.D
Acq: 14 Jul 2021 20:37

Tgt Ion: 88 Resp: 305

Ion	Ratio	Lower	Upper
88	100		
43	77.8	48.2	72.4#
58	128.9	46.0	69.0#



Instrument :
BNA_M
ClientSampleId :
C0AW3

Manual Integrations APPROVED
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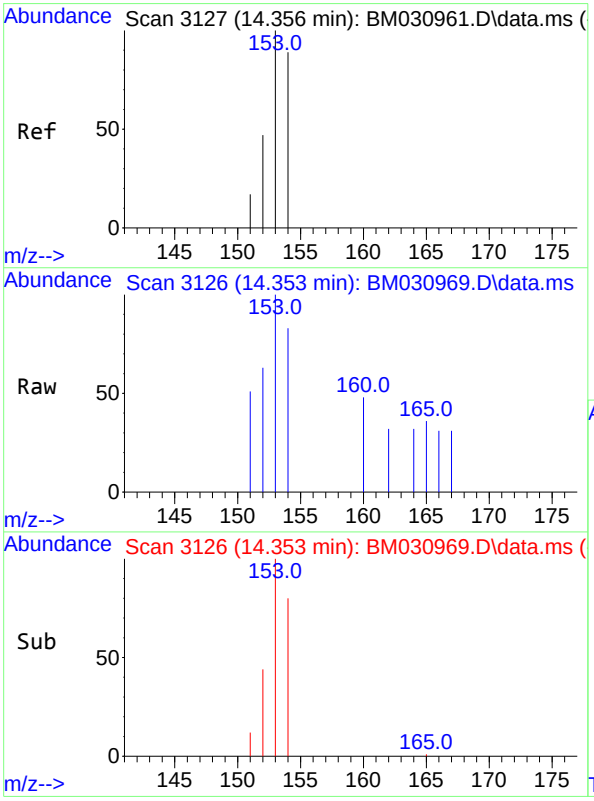
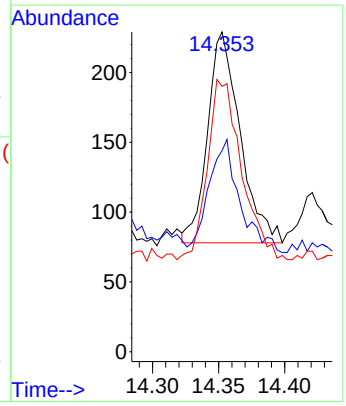
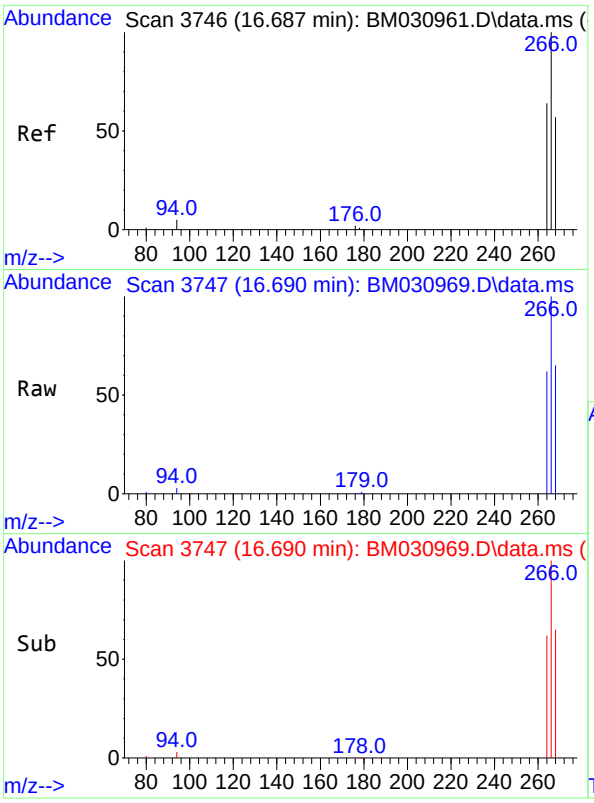


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.353 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BM030969.D
Acq: 14 Jul 2021 20:37

Tgt Ion:153 Resp: 258

Ion	Ratio	Lower	Upper
153	100		
152	62.9	39.3	58.9#
154	83.0	68.5	102.7

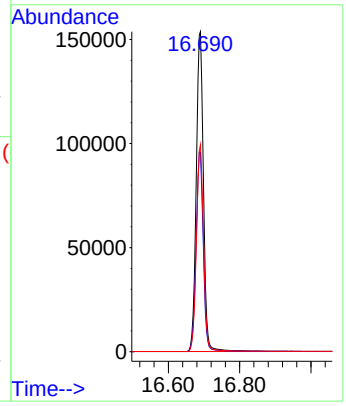




#14
Pentachlorophenol
Concen: 98.330 ng/ul
RT: 16.690 min Scan# 3747
Delta R.T. -0.014 min
Lab File: BM030969.D
Acq: 14 Jul 2021 20:37

Tgt Ion:266 Resp: 215427

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	64.0	50.4	75.6



Instrument :
BNA_M
ClientSampleId :
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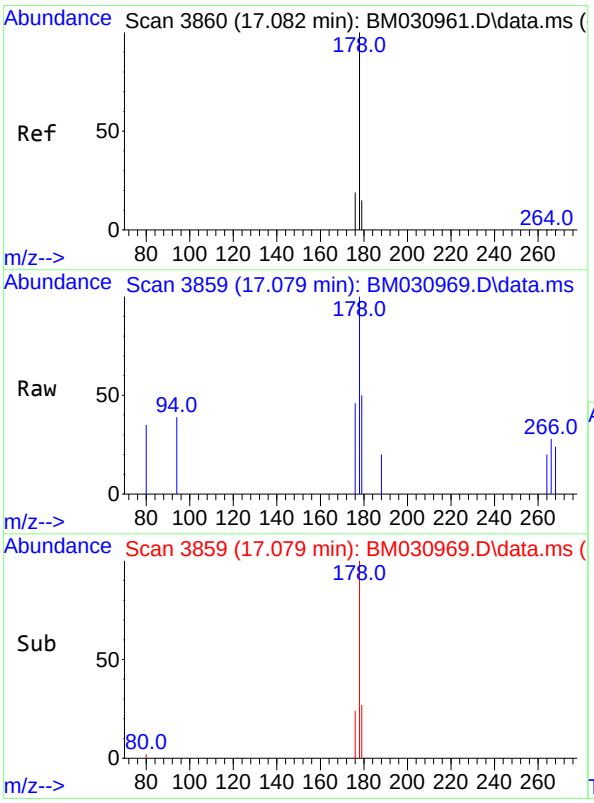
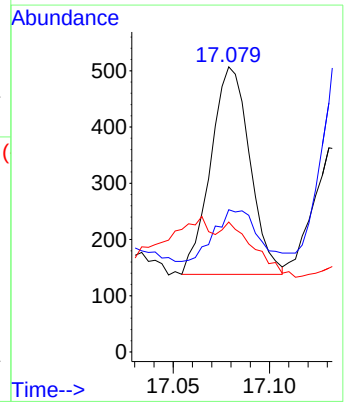
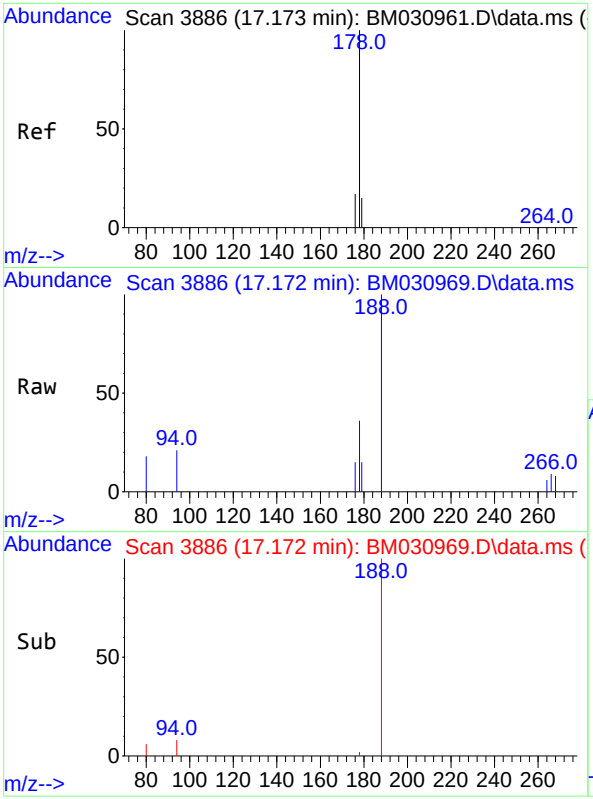


#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.079 min Scan# 3859
Delta R.T. -0.010 min
Lab File: BM030969.D
Acq: 14 Jul 2021 20:37

Tgt Ion:178 Resp: 521

Ion	Ratio	Lower	Upper
178	100		
179	49.9	13.8	20.6#
176	45.6	16.4	24.6#

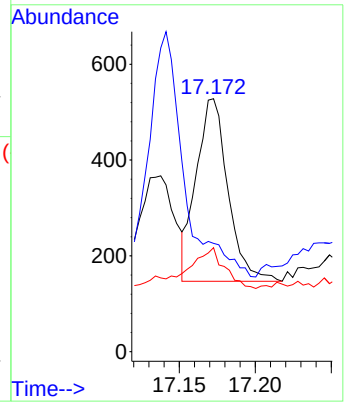




#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.172 min Scan# 3886
Delta R.T. -0.007 min
Lab File: BM030969.D
Acq: 14 Jul 2021 20:37

Tgt Ion:178 Resp: 553

Ion	Ratio	Lower	Upper
178	100		
179	42.8	14.5	21.7#
176	41.1	16.1	24.1#



Instrument :
BNA_M
ClientSampleId :
C0AW3

Manual Integrations APPROVED
mohammad
7/15/2021 11:31:10 AM