Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033029.D
Acq On : 12 Nov 2021 16:26
Operator : CG/JU
Sample : M4615-04DL 5X
Misc :
ALS Vial : 125 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V03DL

Quant Time: Nov 15 07:34:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	3032	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.239	136	8033	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.121	164	4865	0.400	ng/ul	0.01
13) Phenanthrene-d10	16.865	188	9426	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.071	240	5522	0.400	ng/ul	# 0.02
23) Perylene-d12	23.181	264	4291	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.871	96	924	0.239	ng/ul	0.01
6) 2-Methylnaphthalene-d10	11.831	152	376	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	781	0.047	ng/ul	0.02
Target Compounds						Qvalue
5) Naphthalene	10.284	128	327359	14.034	ng/ul	97
7) 2-Methylnaphthalene	11.908	142	19057	1.179	ng/ul	98
8) 1-Methylnaphthalene	12.133	142	10374	0.656	ng/ul	100
15) Phenanthrene	16.904	178	1675	0.053	ng/ul#	10
19) Fluoranthene	18.927	202	734	0.028	ng/ul#	1
20) Pyrene	19.289	202	987	0.037	ng/ul#	1

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

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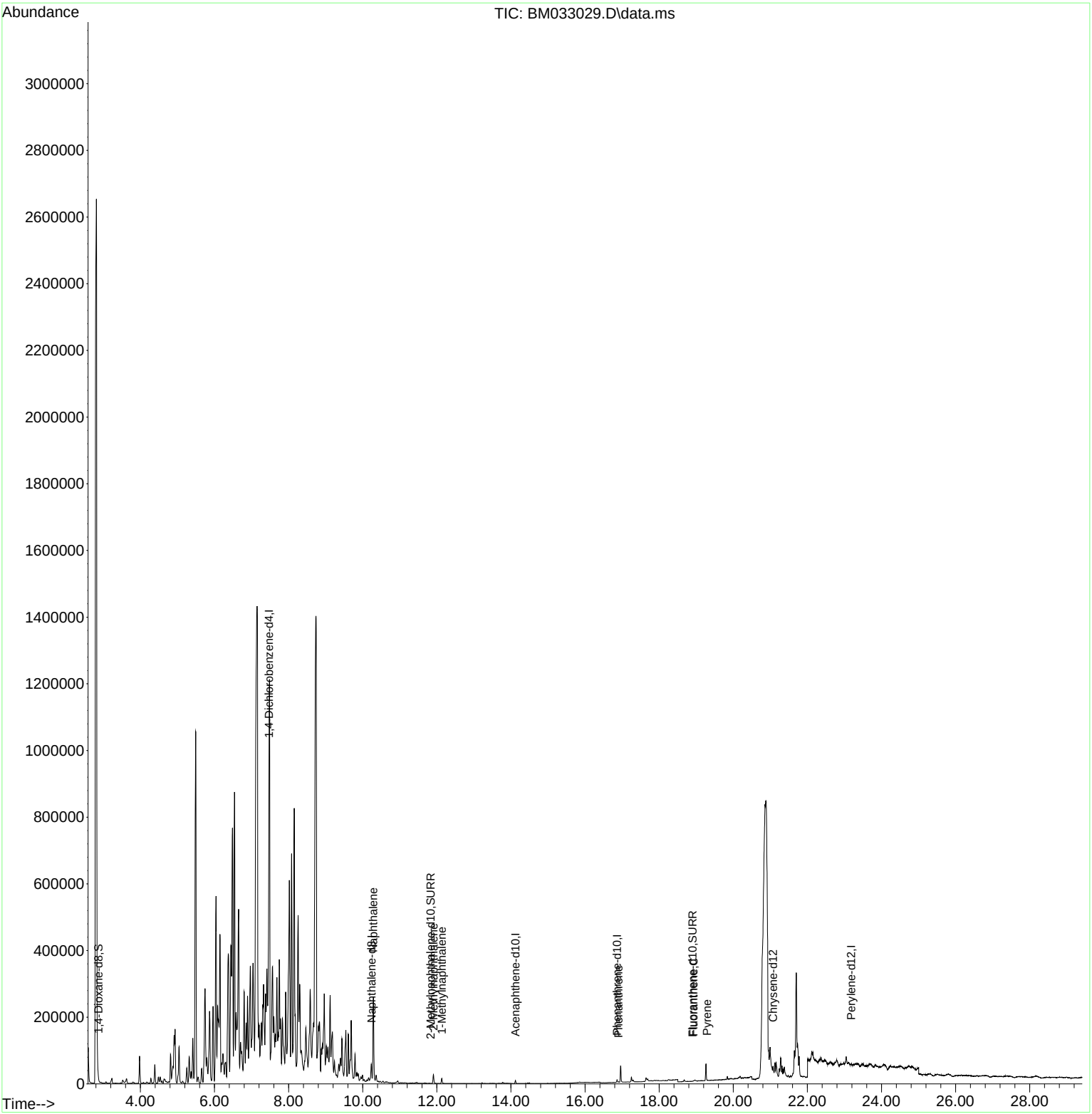
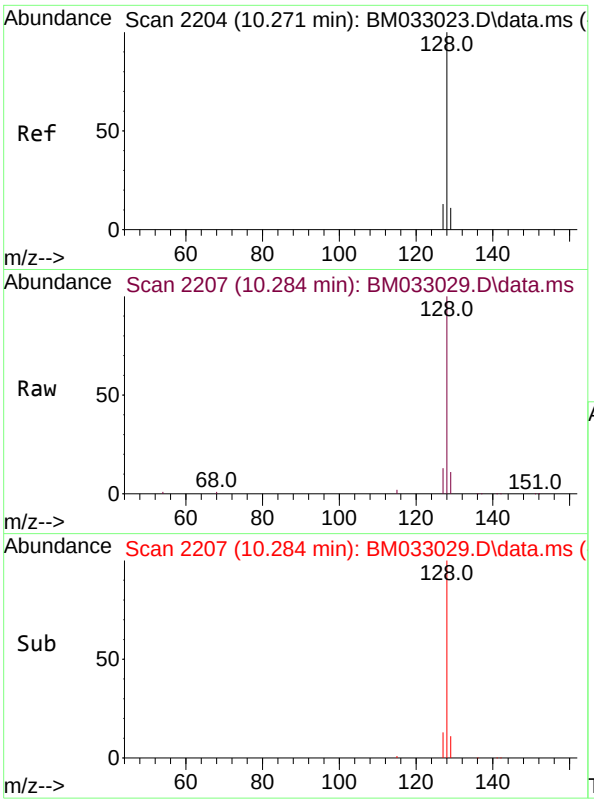


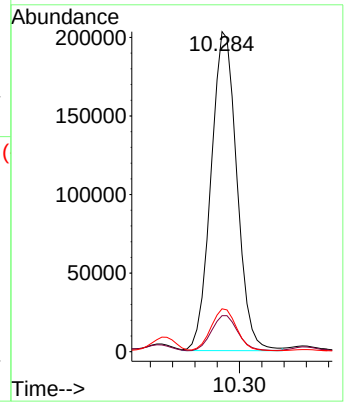


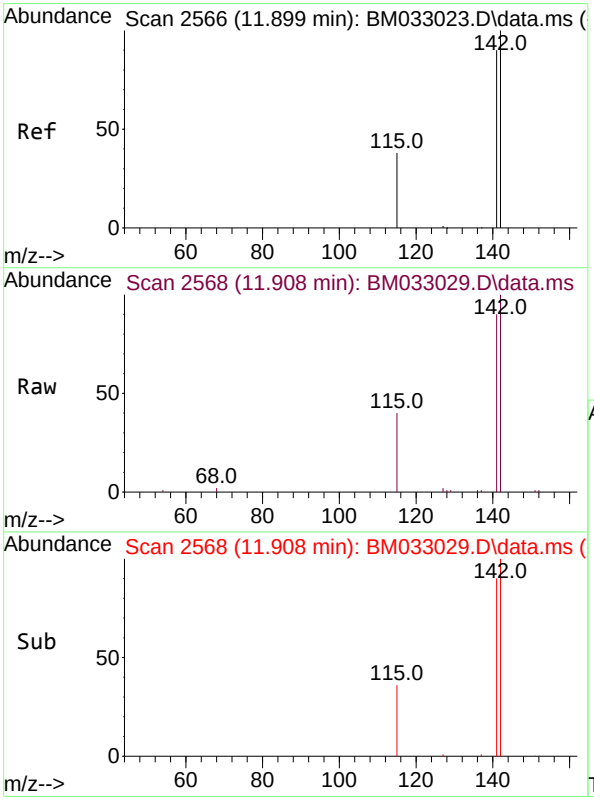
#5
Naphthalene
Concen: 14.034 ng/ul
RT: 10.284 min Scan# 2
Delta R.T. 0.014 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Instrument :
BNA_M
ClientSampleId :
C0V03DL

Tgt Ion:128 Resp: 327359

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.4	11.8	17.8

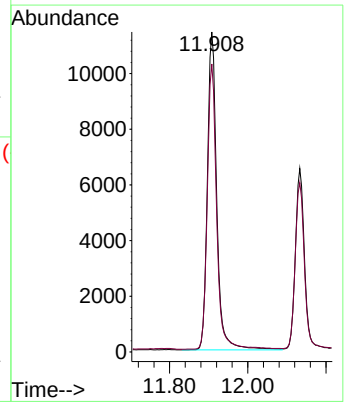


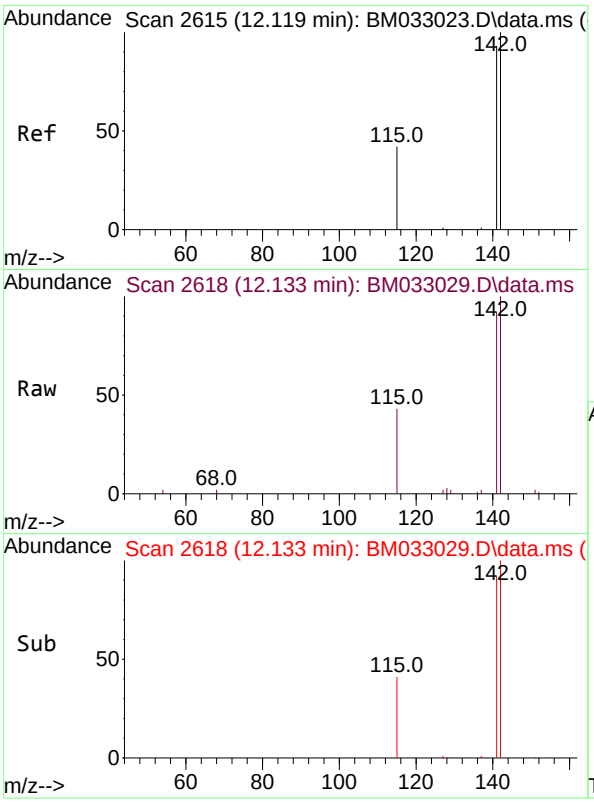


#7
2-Methylnaphthalene
Concen: 1.179 ng/ul
RT: 11.908 min Scan# 2568
Delta R.T. 0.009 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Tgt Ion:142 Resp: 19057

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.3	109.9



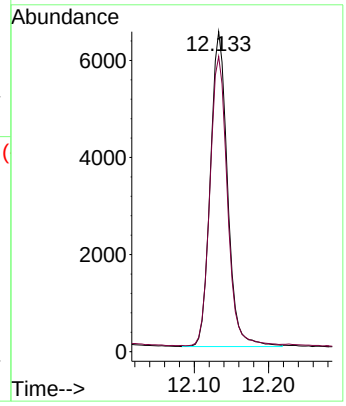


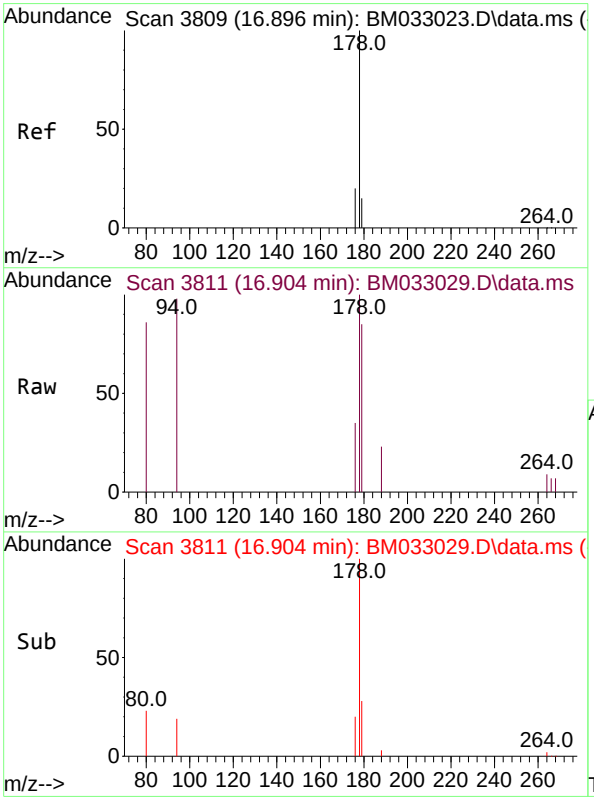
#8
1-Methylnaphthalene
Concen: 0.656 ng/ul
RT: 12.133 min Scan# 2
Delta R.T. 0.014 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Instrument :
BNA_M
ClientSampleId :
C0V03DL

Tgt Ion:142 Resp: 10374

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.5	111.7

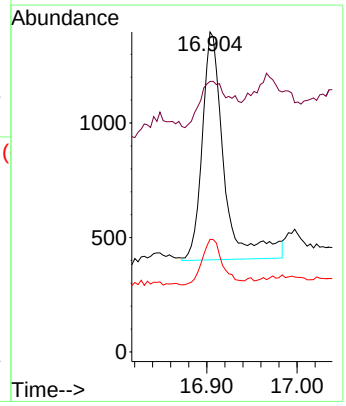


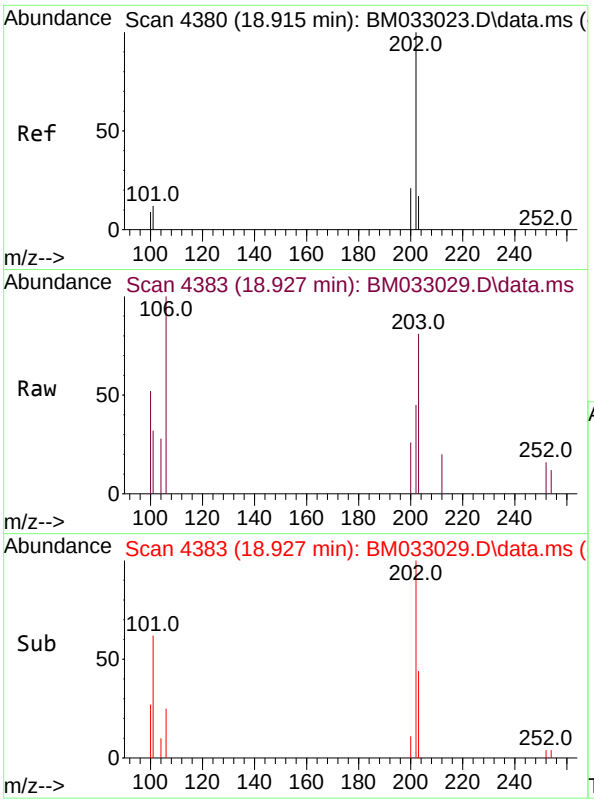


#15
Phenanthrene
Concen: 0.053 ng/ul
RT: 16.904 min Scan# 3811
Delta R.T. 0.007 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Tgt Ion:178 Resp: 1675

Ion	Ratio	Lower	Upper
178	100		
179	84.5	12.9	19.3#
176	35.2	16.0	24.0#



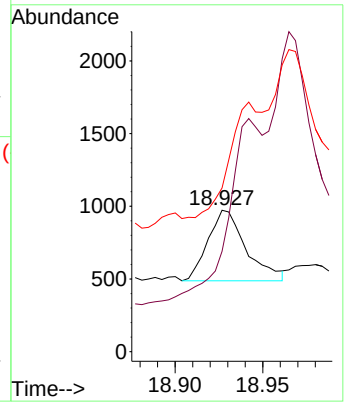


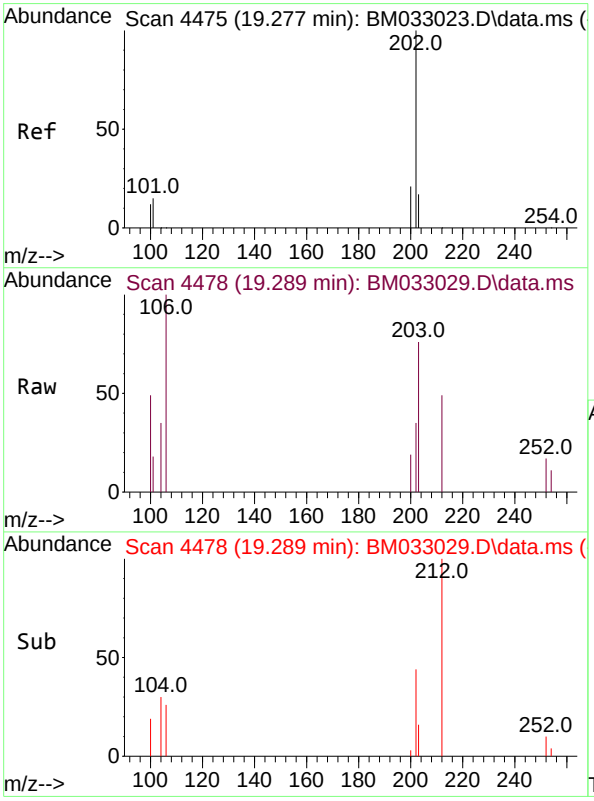
#19
Fluoranthene
Concen: 0.028 ng/ul
RT: 18.927 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Instrument :
BNA_M
ClientSampleId :
C0V03DL

Tgt Ion:202 Resp: 734

Ion	Ratio	Lower	Upper
202	100		
101	70.9	9.9	14.9#
100	115.7	7.3	10.9#





#20
Pyrene
Concen: 0.037 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. 0.012 min
Lab File: BM033029.D
Acq: 12 Nov 2021 16:26

Tgt Ion:202 Resp: 987

Ion	Ratio	Lower	Upper
202	100		
101	50.5	11.8	17.6#
100	141.9	9.5	14.3#