Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033582.D
Acq On : 22 Dec 2021 19:16
Operator : CG/JU
Sample : M5034-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 23 00:37:34 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

Instrument :
BNA_M
ClientSampleId :
C00V0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	1198	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.557	164	764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	1701m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	2106	0.400	ng/ul	# 0.00
23) Perylene-d12	23.880	264	2306	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	2893	7.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	699	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	2182	0.448	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.765	128	158	0.040	ng/ul#	35
7) 2-Methylnaphthalene	12.393	142	54	0.020	ng/ul	97
15) Phenanthrene	17.344	178	563	0.102	ng/ul#	79
19) Fluoranthene	19.360	202	469	0.073	ng/ul#	56
20) Pyrene	19.723	202	353	0.052	ng/ul#	35
21) Benzo(a)anthracene	21.482	228	151	0.026	ng/ul#	38
22) Chrysene	21.528	228	300m	0.046	ng/ul	
24) Benzo(b)fluoranthene	23.148	252	309m	0.042	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	221m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.387	276	203	0.022	ng/ul#	80
29) Benzo(g,h,i)perylene	27.151	276	198m	0.024	ng/ul	

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

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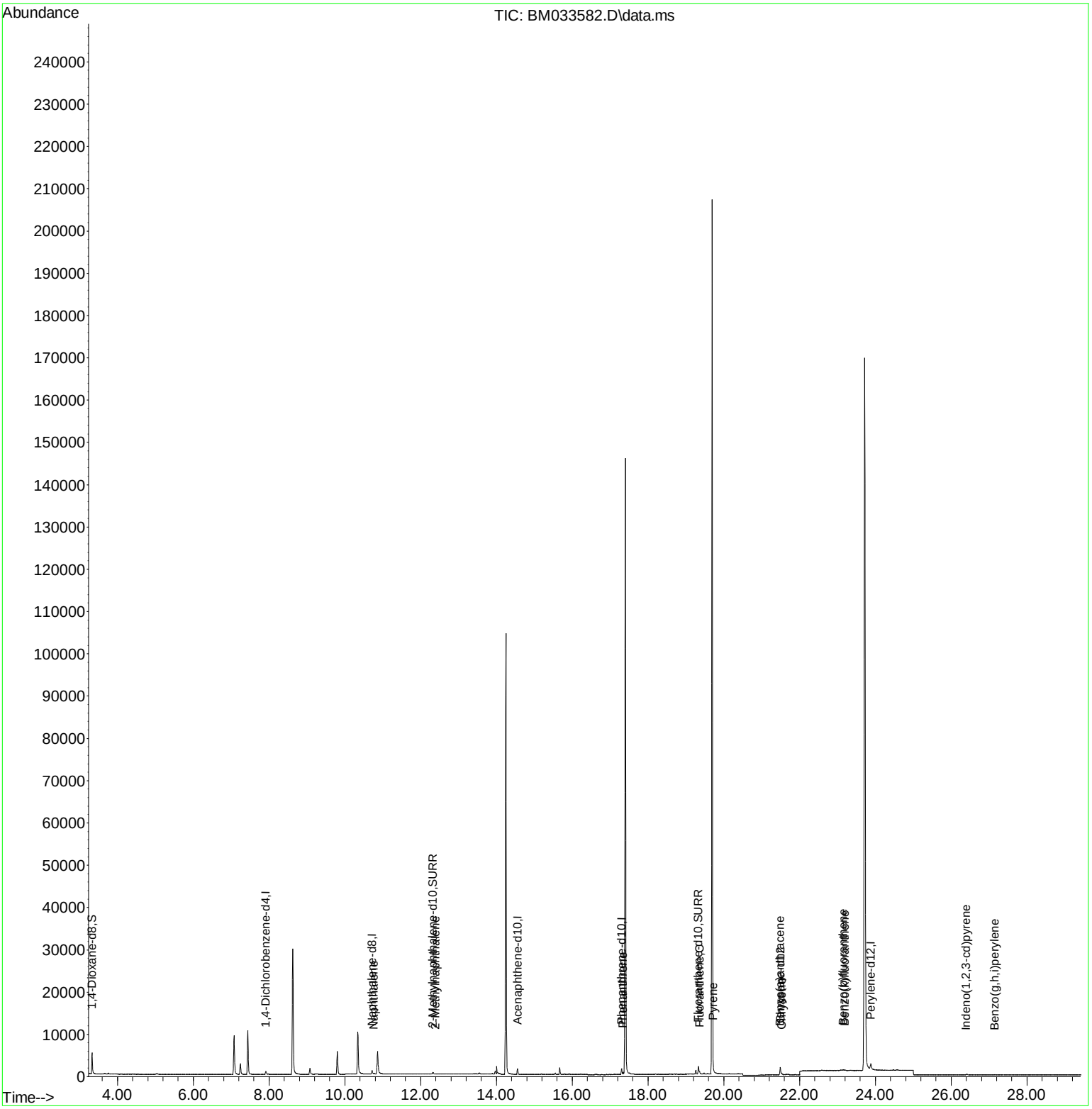

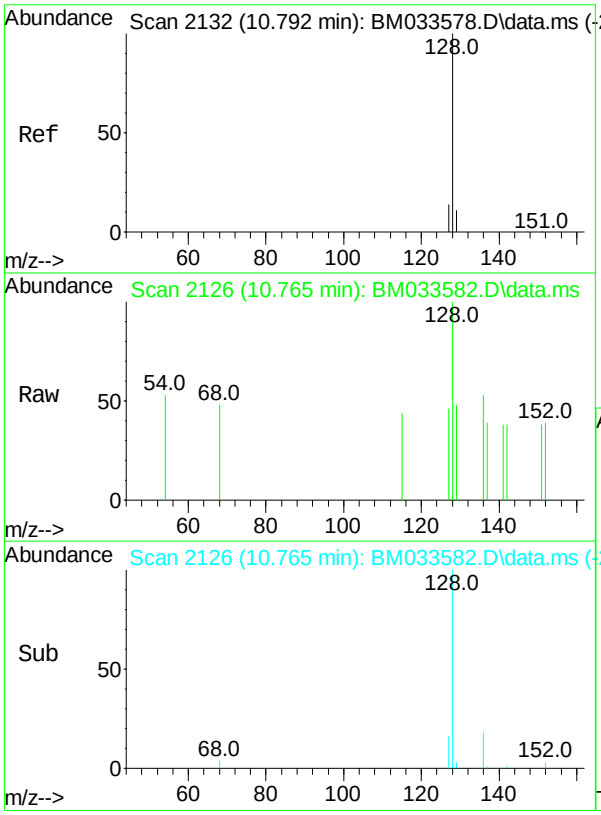

#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.765 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:128 Resp: 15

Ion	Ratio	Lower	Upper
128	100		
129	48.1	13.4	20.2
127	45.7	15.2	22.8

Instrument :
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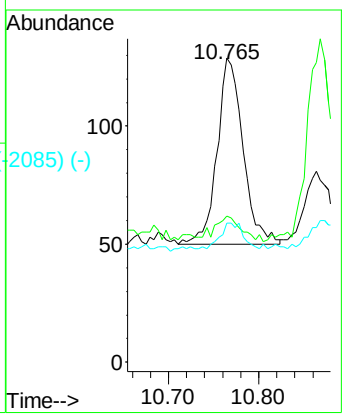
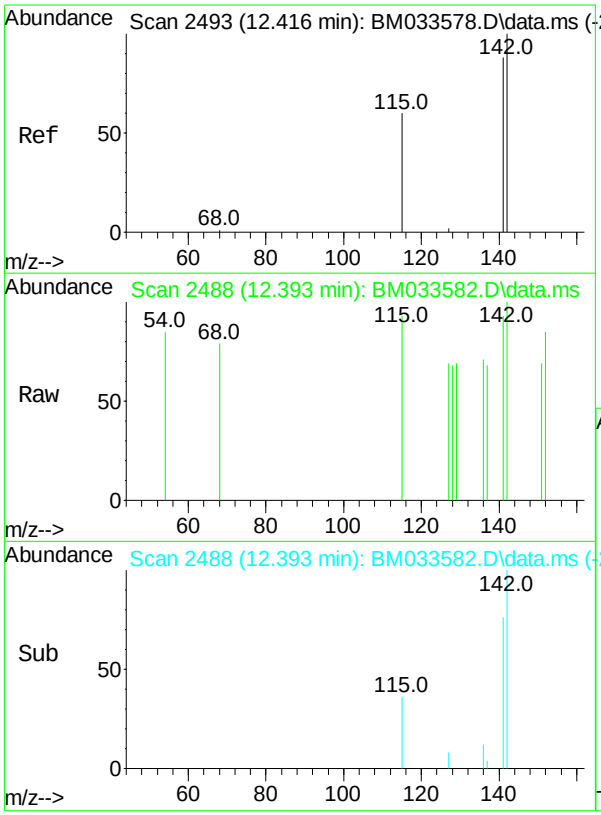
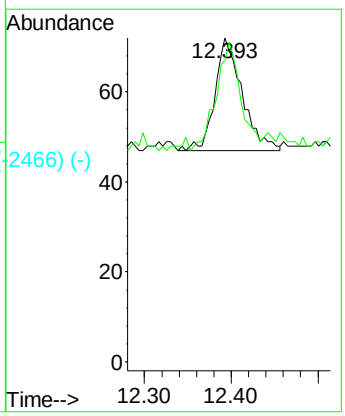


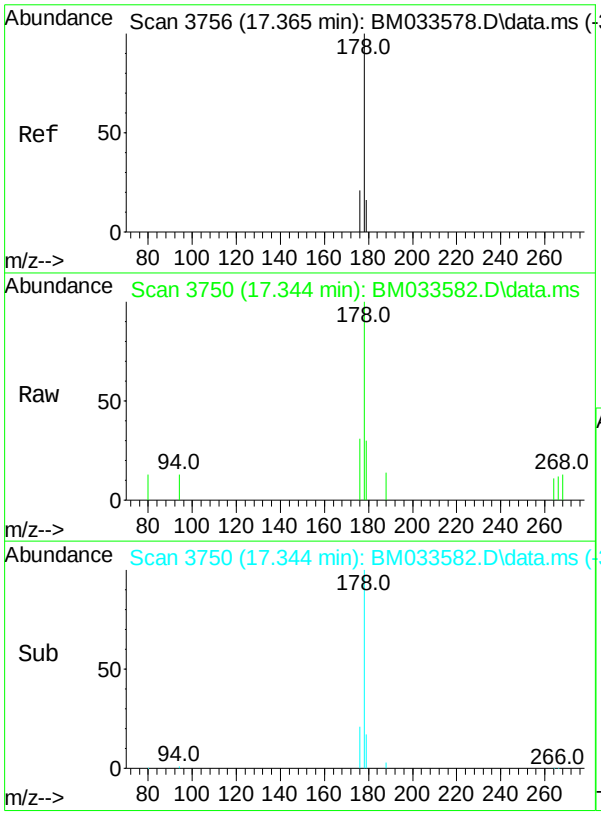


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.393 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:142 Resp: 54

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.8	107.6





#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.344 min Scan# 1
Delta R.T. -0.014 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:178 Resp: 5

Ion	Ratio	Lower	Upper
178	100		
179	29.9	15.0	22.6
176	31.1	17.9	26.9

Instrument :
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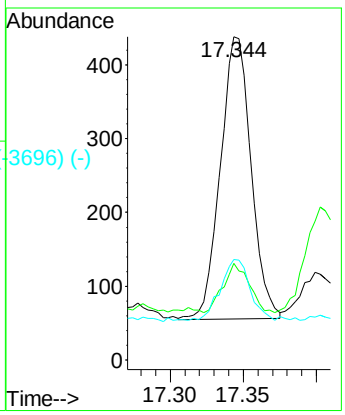
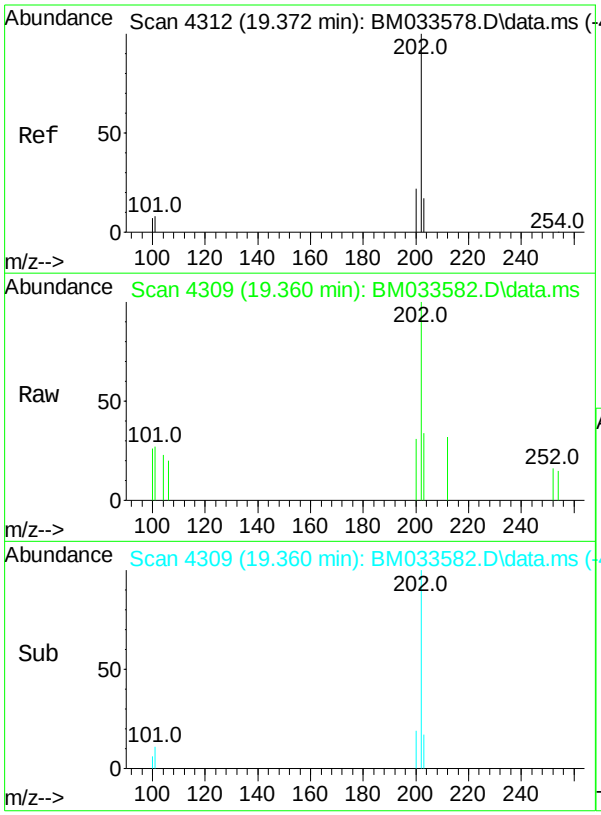
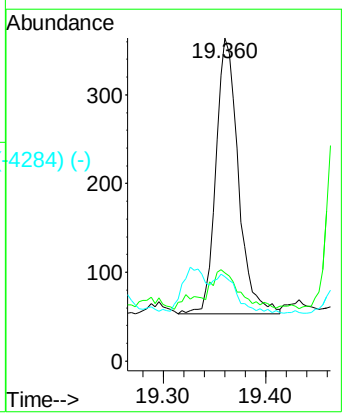


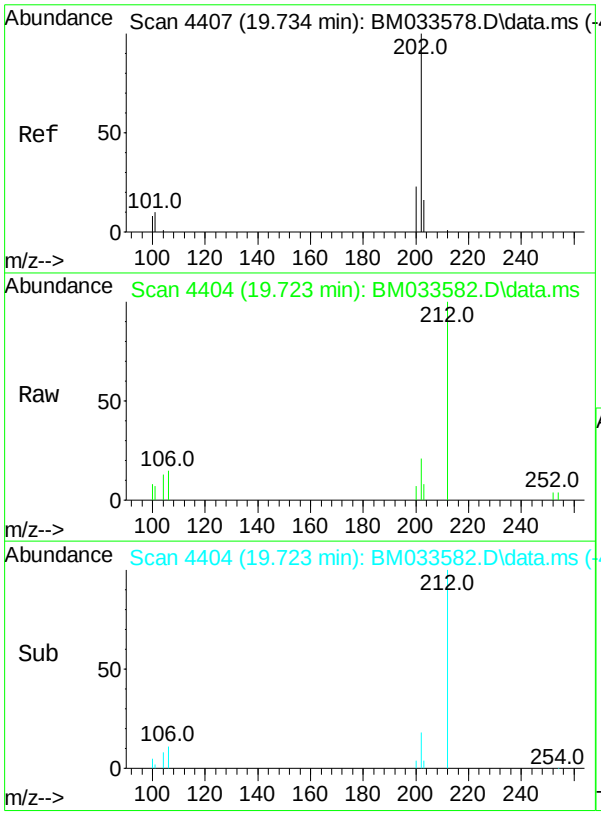


#19
Fluoranthene
Concen: 0.073 ng/ul
RT: 19.360 min Scan# 4309
Delta R.T. -0.004 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:202 Resp: 469

Ion	Ratio	Lower	Upper
202	100		
101	27.2	9.2	13.8#
100	26.1	7.2	10.8#





#20
Pyrene
Concen: 0.052 ng/ul
RT: 19.723 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:202 Resp: 35

Ion	Ratio	Lower	Upper
202	100		
101	31.9	9.3	13.9
100	39.3	7.8	11.6

Instrument :
BNA_M
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C00V0

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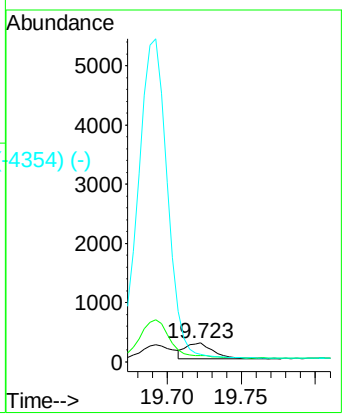
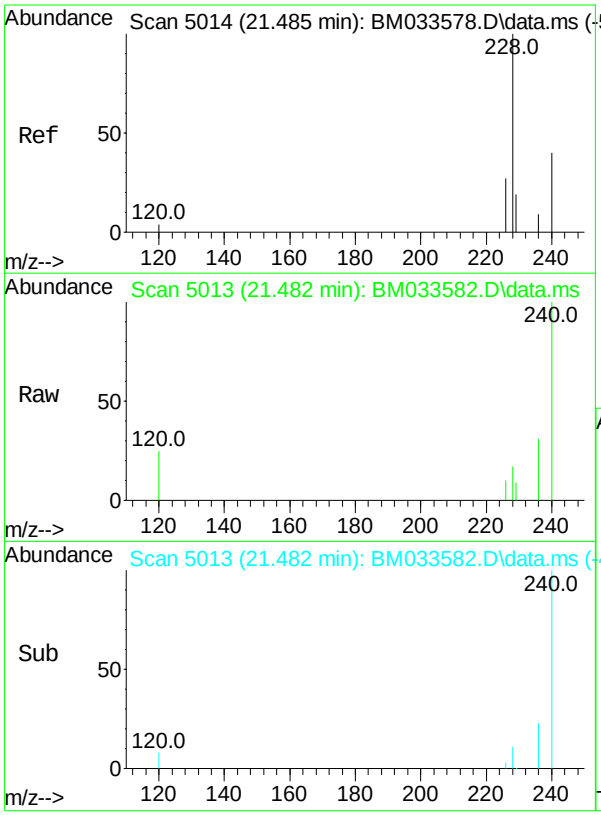
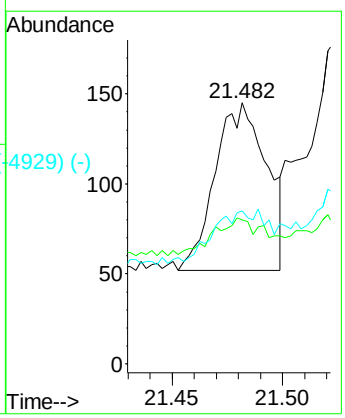


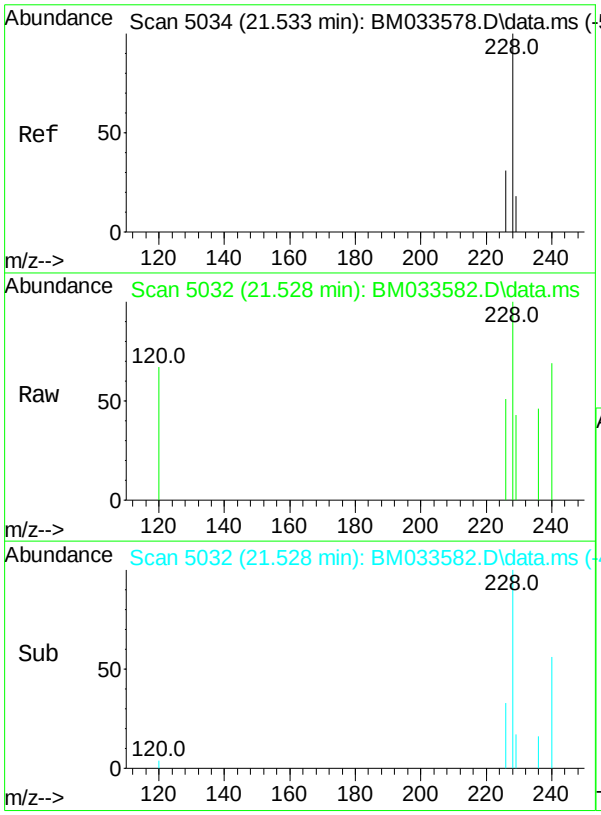


#21
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.482 min Scan# 5013
Delta R.T. 0.004 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:228 Resp: 151

Ion	Ratio	Lower	Upper
228	100		
229	55.2	17.3	25.9#
226	58.6	23.2	34.8#

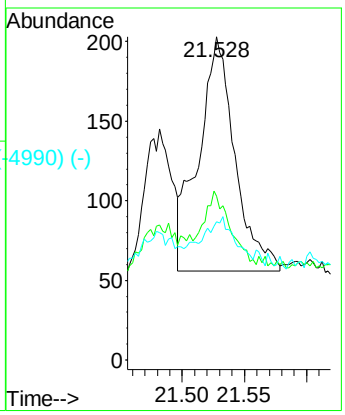




#22
Chrysene
Concen: 0.046 ng/ul m
RT: 21.528 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:228 Resp: 30

Ion	Ratio	Lower	Upper
228	100		
226	50.7	25.8	38.8
229	42.9	16.7	25.1



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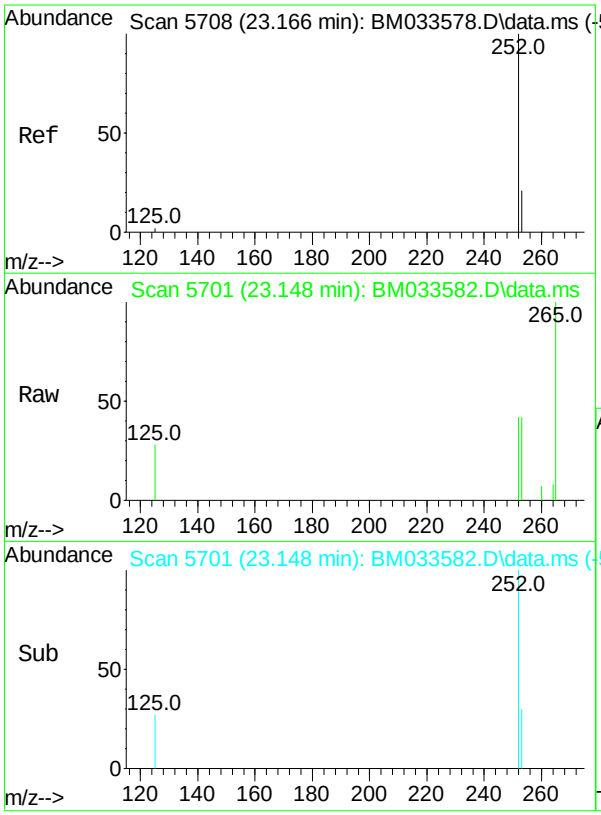
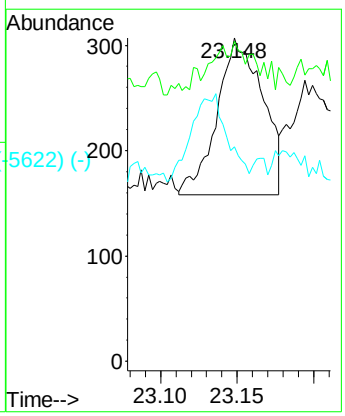
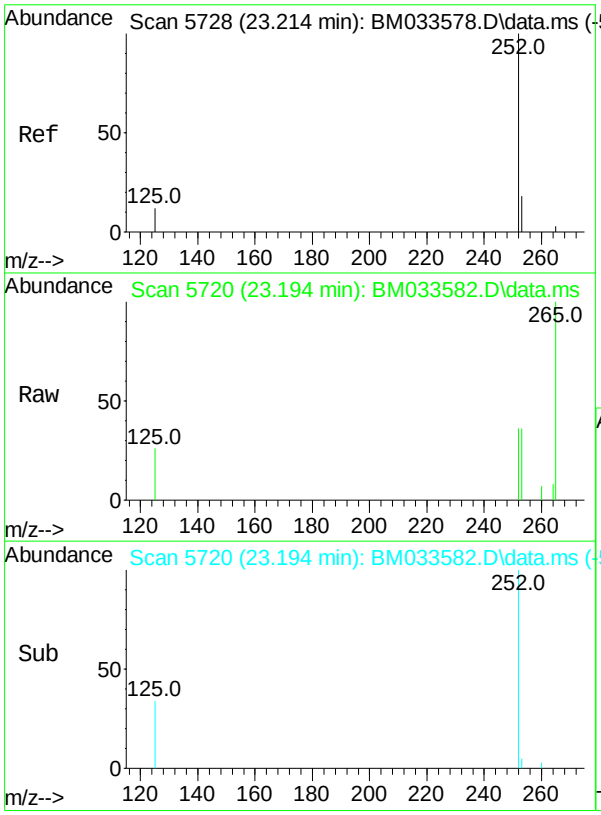


#24
Benzo(b)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.148 min Scan# 5701
Delta R.T. -0.008 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:252 Resp: 309

Ion	Ratio	Lower	Upper
252	100		
253	99.0	0.0	64.2#
125	66.4	0.0	28.8#

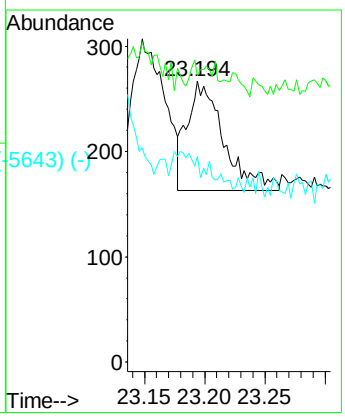




#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.194 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:252 Resp: 22

Ion	Ratio	Lower	Upper
252	100		
253	101.9	26.8	40.2
125	73.0	12.0	18.0



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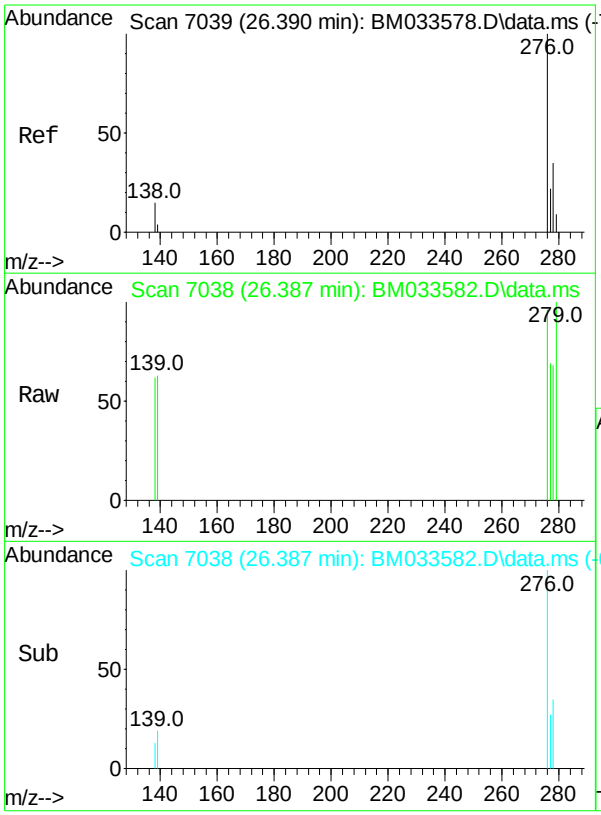
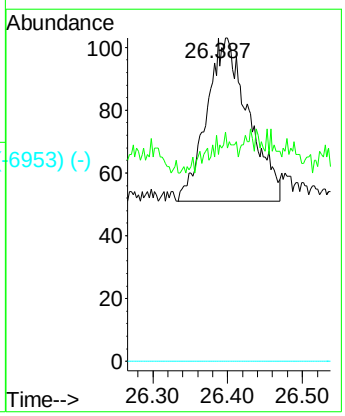
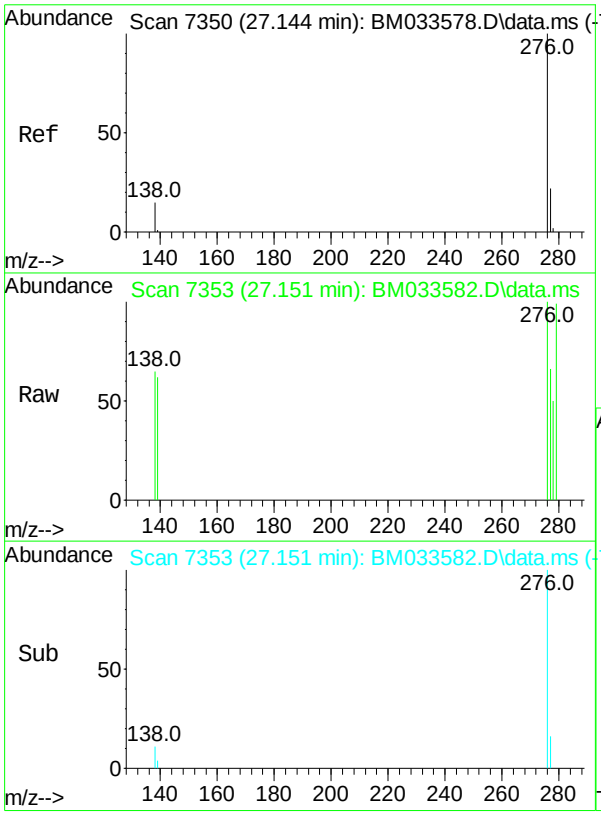


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.387 min Scan# 7038
Delta R.T. 0.007 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:276 Resp: 203

Ion	Ratio	Lower	Upper
276	100		
138	10.3	15.8	23.6#
227	0.0	0.0	0.0

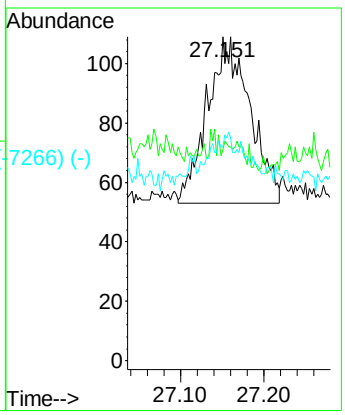




#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul m
RT: 27.151 min Scan#
Delta R.T. 0.012 min
Lab File: BM033582.D
Acq: 22 Dec 2021 19:16

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	65.1	17.4	26.0
277	66.1	22.6	33.8



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