Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032090.D
Acq On : 04 Sep 2021 23:24
Operator : CG/JU
Sample : M3517-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:39:09 AM

Quant Time: Sep 06 04:18:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.448	152	1479	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.203	136	4796	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.095	164	1847	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.851	188	3530	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.064	240	2744	0.400	ng/ul	#-0.01
23) Perylene-d12	23.175	264	3975	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	7022	4.323	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1609	0.217	ng/ul	-0.01
18) Fluoranthene-d10	18.888	212	3273	0.407	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	16.893	178	291	0.027	ng/ul#	66
16) Anthracene	16.980	178	216	0.023	ng/ul#	40
19) Fluoranthene	18.922	202	298	0.025	ng/ul#	50
20) Pyrene	19.281	202	368m	0.030	ng/ul	
21) Benzo(a)anthracene	21.054	228	288	0.029	ng/ul#	66
22) Chrysene	21.100	228	334	0.029	ng/ul#	69
24) Benzo(b)fluoranthene	22.552	252	505	0.028	ng/ul#	10
26) Benzo(a)pyrene	23.081	252	361	0.023	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	25.252	276	493	0.023	ng/ul#	68
29) Benzo(g,h,i)perylene	25.879	276	494	0.026	ng/ul#	34

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

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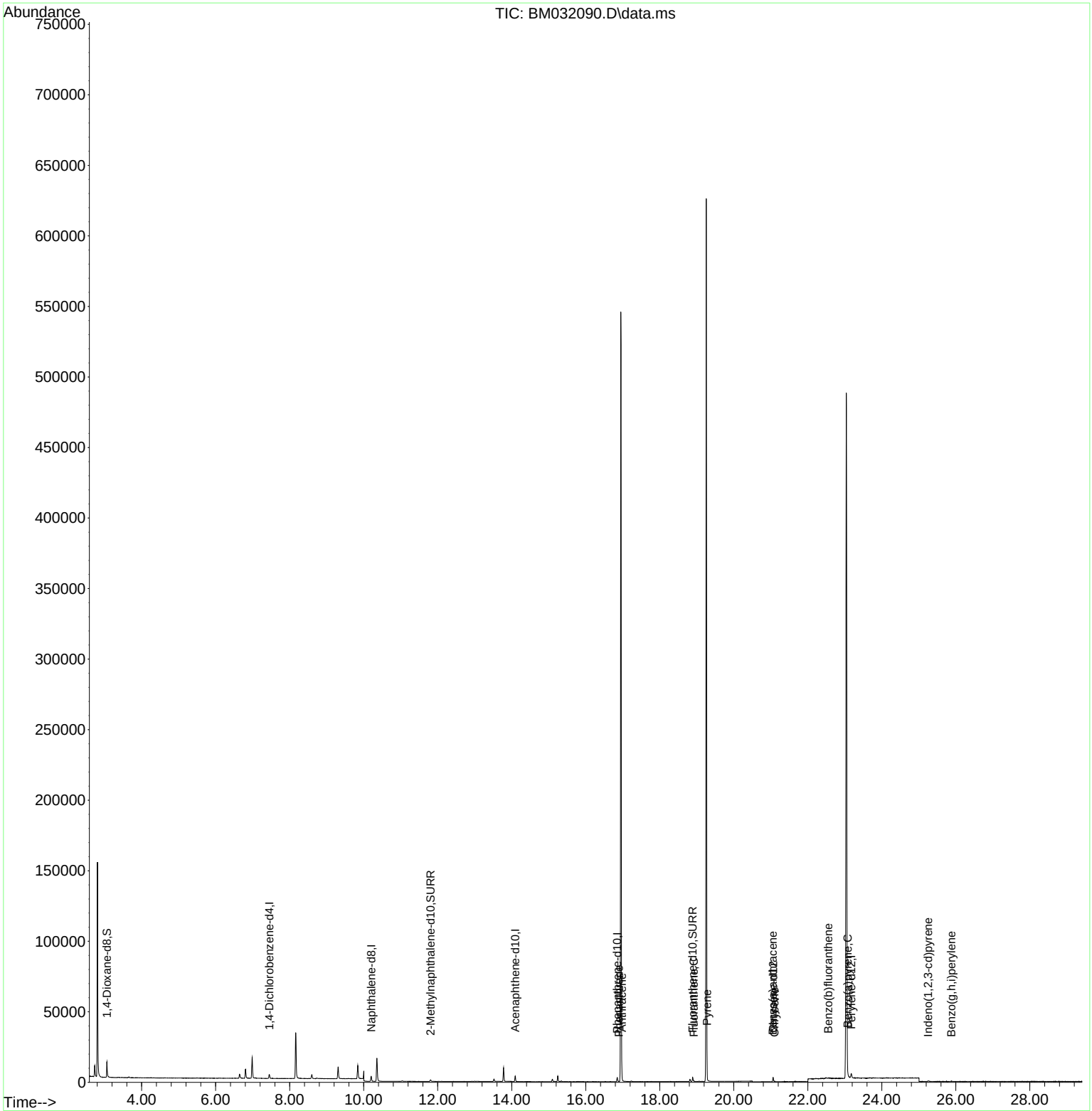
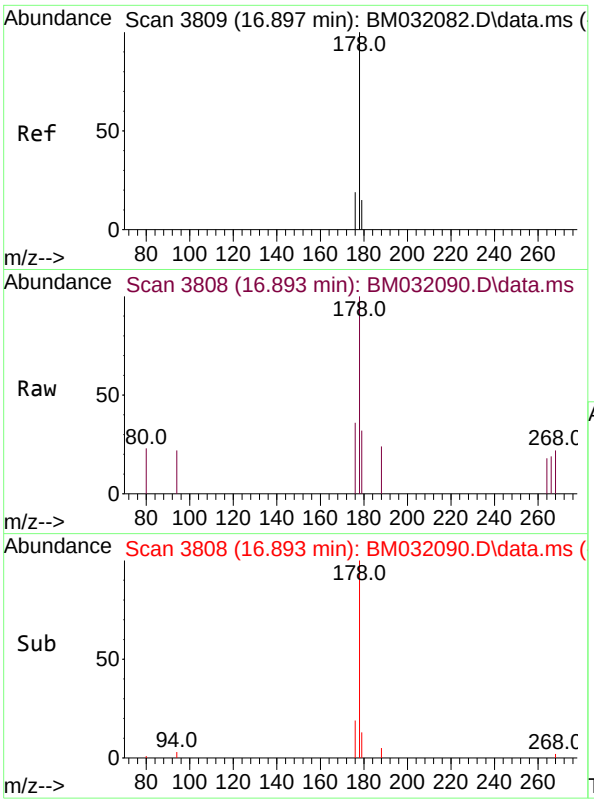
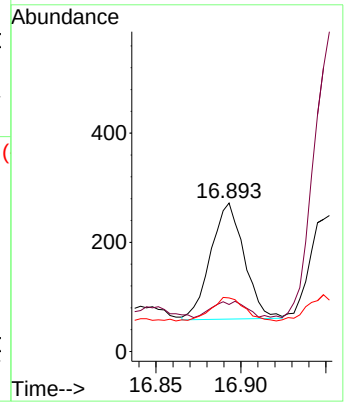




#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:178 Resp: 291

Ion	Ratio	Lower	Upper
178	100		
179	31.6	13.3	19.9#
176	36.0	16.7	25.1#



Instrument :
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ClientSampleId :
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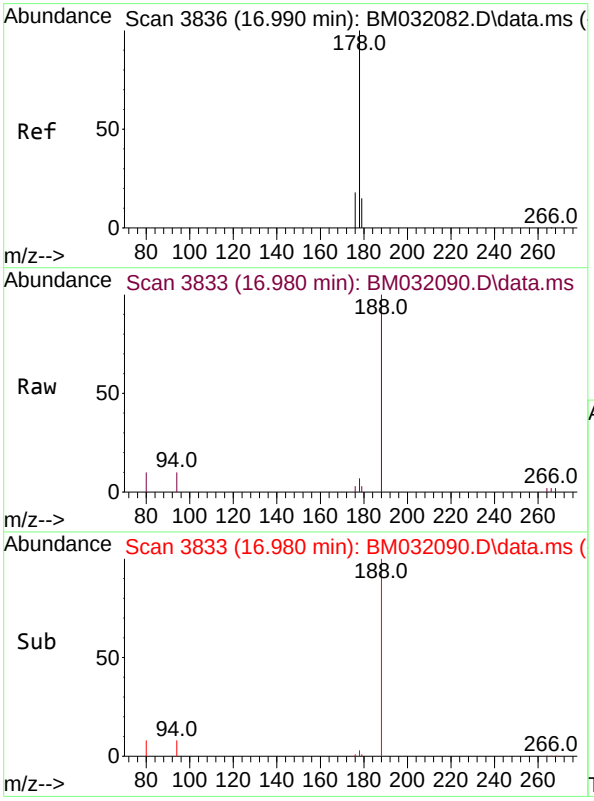
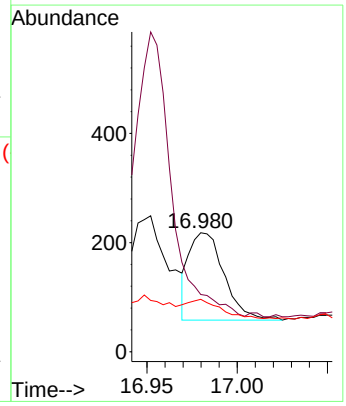
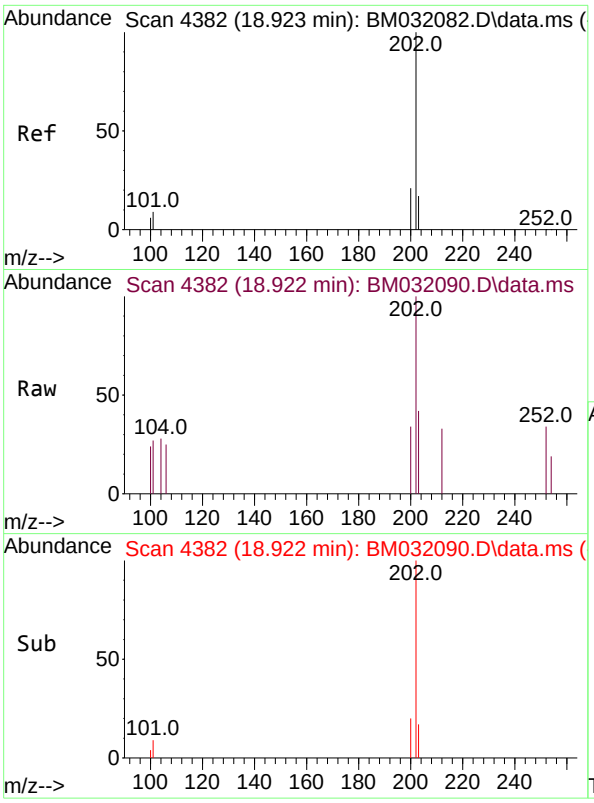


#16
Anthracene
Concen: 0.023 ng/ul
RT: 16.980 min Scan# 3833
Delta R.T. -0.028 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:178 Resp: 216

Ion	Ratio	Lower	Upper
178	100		
179	48.2	14.3	21.5#
176	44.0	15.8	23.8#

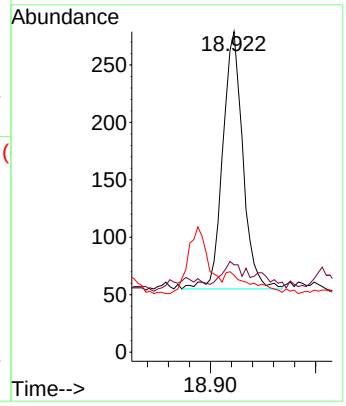


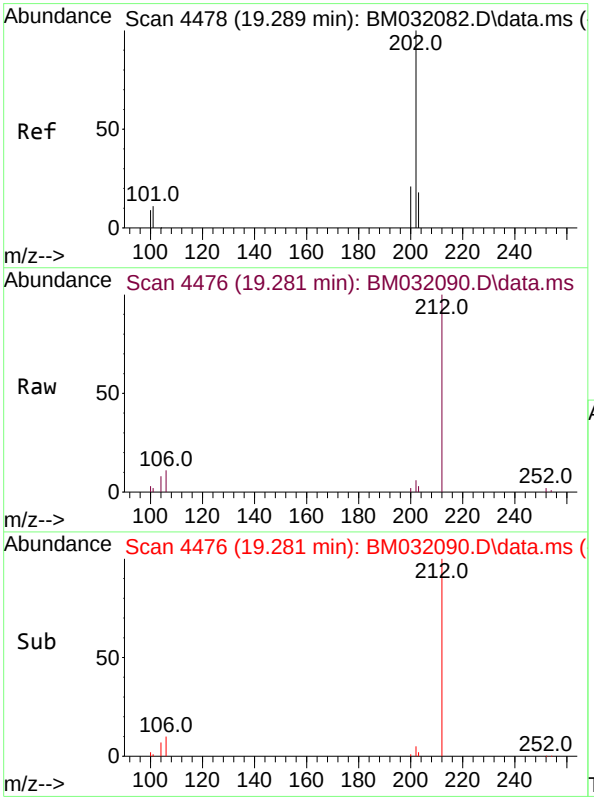


#19
Fluoranthene
Concen: 0.025 ng/ul
RT: 18.922 min Scan# 4382
Delta R.T. -0.012 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:202 Resp: 298

Ion	Ratio	Lower	Upper
202	100		
101	27.2	7.2	10.8#
100	24.0	5.8	8.6#

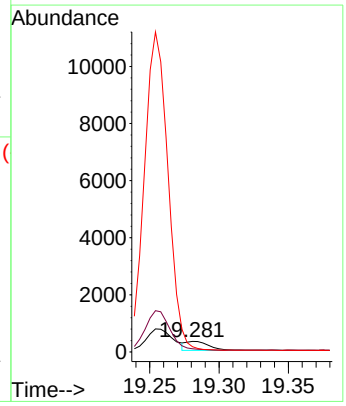




#20
Pyrene
Concen: 0.030 ng/ul m
RT: 19.281 min Scan# 4476
Delta R.T. -0.019 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:202 Resp: 368

Ion	Ratio	Lower	Upper
202	100		
101	30.1	8.2	12.4#
100	49.6	7.0	10.6#



Instrument :
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ClientSampleId :
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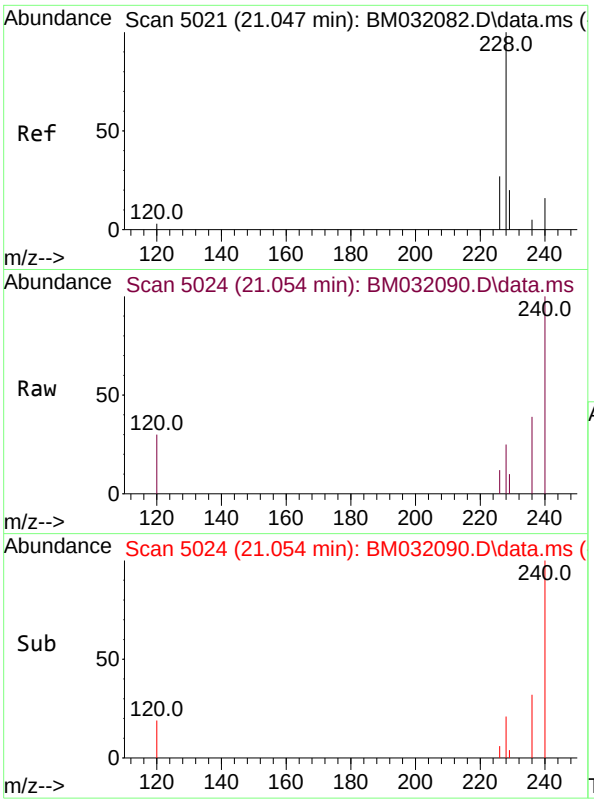
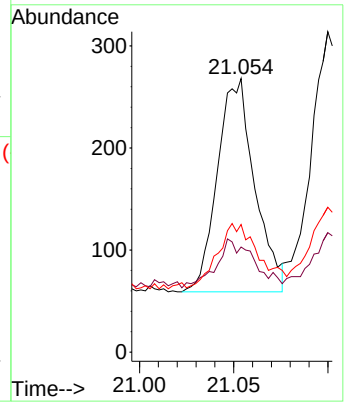
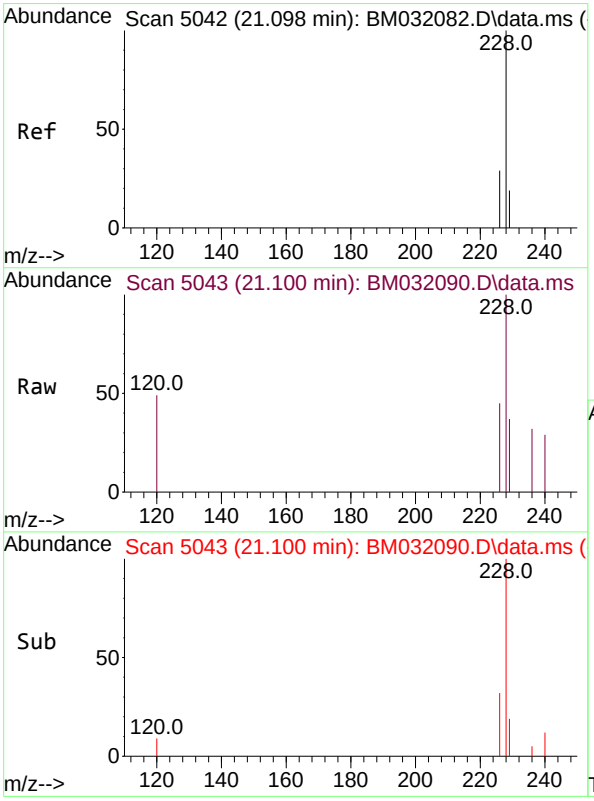


#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.054 min Scan# 5024
Delta R.T. -0.005 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:228 Resp: 288

Ion	Ratio	Lower	Upper
228	100		
229	38.4	17.1	25.7#
226	46.6	23.1	34.7#

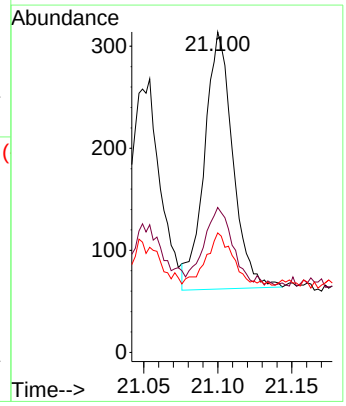




#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.100 min Scan# 5043
Delta R.T. -0.010 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:228 Resp: 334

Ion	Ratio	Lower	Upper
228	100		
226	45.2	24.2	36.2#
229	37.3	16.3	24.5#



Instrument :
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ClientSampleId :
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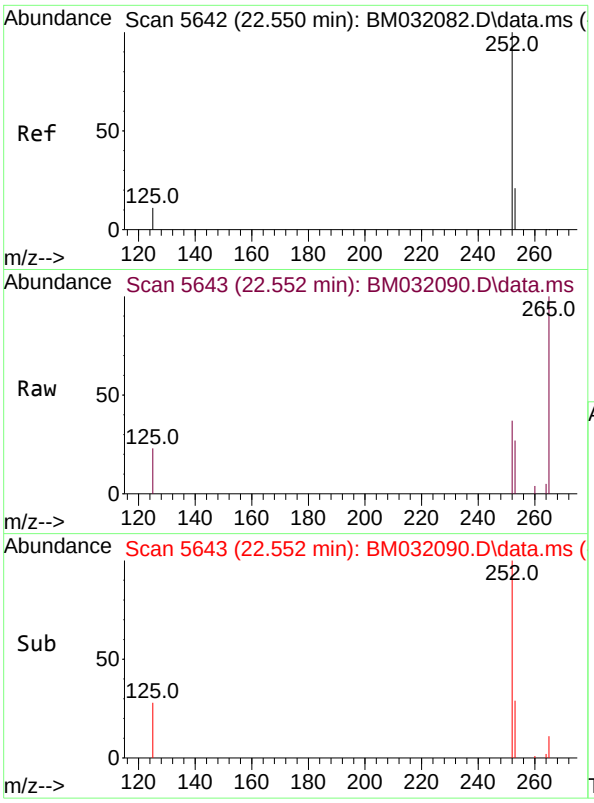
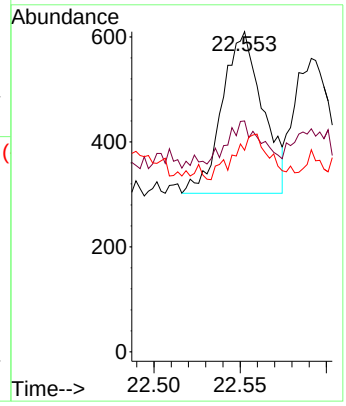


#24
Benzo(b)fluoranthene
Concen: 0.028 ng/ul
RT: 22.552 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:252 Resp: 505

Ion	Ratio	Lower	Upper
252	100		
253	72.1	0.0	61.0#
125	63.0	0.0	28.4#



Instrument :
BNA_M
ClientSampleId :
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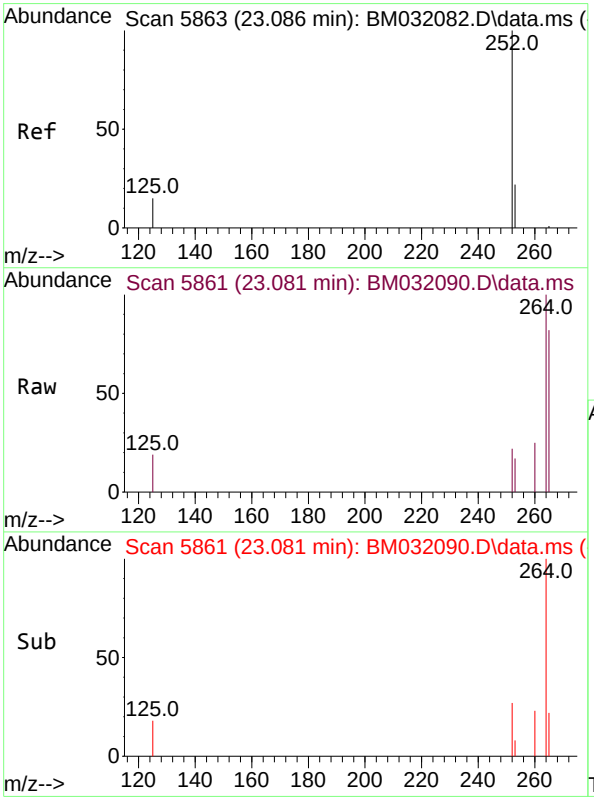
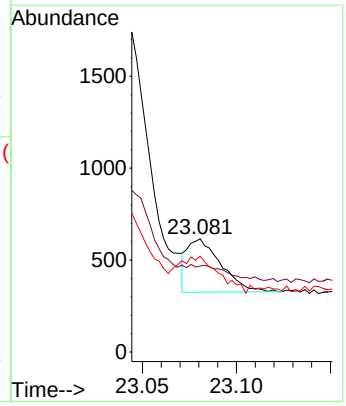
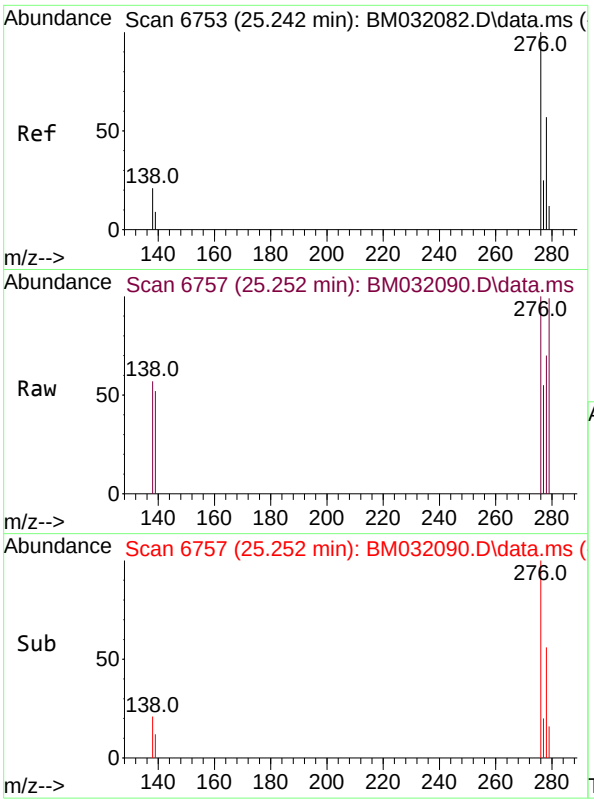


#26
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.025 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:252 Resp: 361

Ion	Ratio	Lower	Upper
252	100		
253	76.0	28.8	43.2#
125	84.6	13.9	20.9#

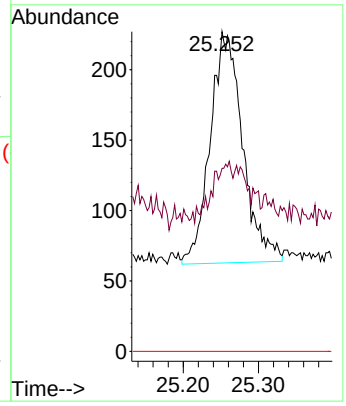




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 25.252 min Scan# 6757
Delta R.T. -0.020 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:276 Resp: 493

Ion	Ratio	Lower	Upper
276	100		
138	3.7	14.1	21.1#
227	0.0	0.0	0.0



Instrument :
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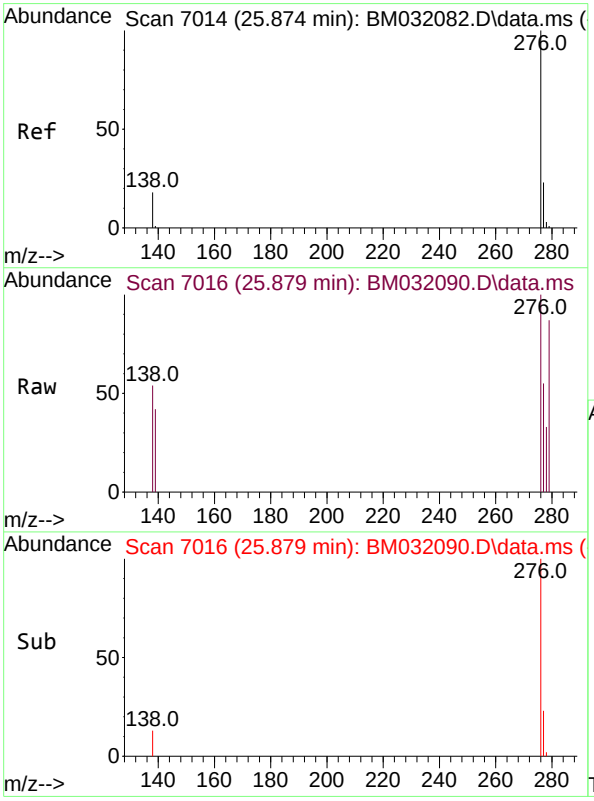

#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 25.879 min Scan# 7016
Delta R.T. -0.025 min
Lab File: BM032090.D
Acq: 04 Sep 2021 23:24

Tgt Ion:276 Resp: 494

Ion	Ratio	Lower	Upper
276	100		
138	54.4	14.5	21.7#
277	54.8	21.2	31.8#