Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032087.D
Acq On : 04 Sep 2021 21:33
Operator : CG/JU
Sample : M3518-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B42

Manual Integrations APPROVED
mohammad
9/7/2021 11:39:07 AM

Quant Time: Sep 06 04:09:18 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	1949	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.203	136	6510	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.095	164	2461	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.851	188	5050	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.062	240	4846	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	6149	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	11773	5.500	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	2352	0.233	ng/ul	-0.02
18) Fluoranthene-d10	18.888	212	4614	0.325	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.253	128	789	0.046	ng/ul#	85
7) 2-Methylnaphthalene	11.881	142	518	0.043	ng/ul	94
8) 1-Methylnaphthalene	12.101	142	396	0.033	ng/ul	96
10) Acenaphthylene	13.810	152	297	0.030	ng/ul#	49
15) Phenanthrene	16.893	178	761	0.050	ng/ul#	83
19) Fluoranthene	18.919	202	1300	0.062	ng/ul#	79
20) Pyrene	19.285	202	1223	0.057	ng/ul#	77
21) Benzo(a)anthracene	21.045	228	713	0.040	ng/ul#	78
22) Chrysene	21.098	228	1175	0.058	ng/ul#	85
24) Benzo(b)fluoranthene	22.550	252	2100m	0.074	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	754m	0.026	ng/ul	
26) Benzo(a)pyrene	23.081	252	1002	0.041	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	25.247	276	1007	0.030	ng/ul#	90
29) Benzo(g,h,i)perylene	25.877	276	1057	0.035	ng/ul#	53

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
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Instrument :
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ClientSampleId :
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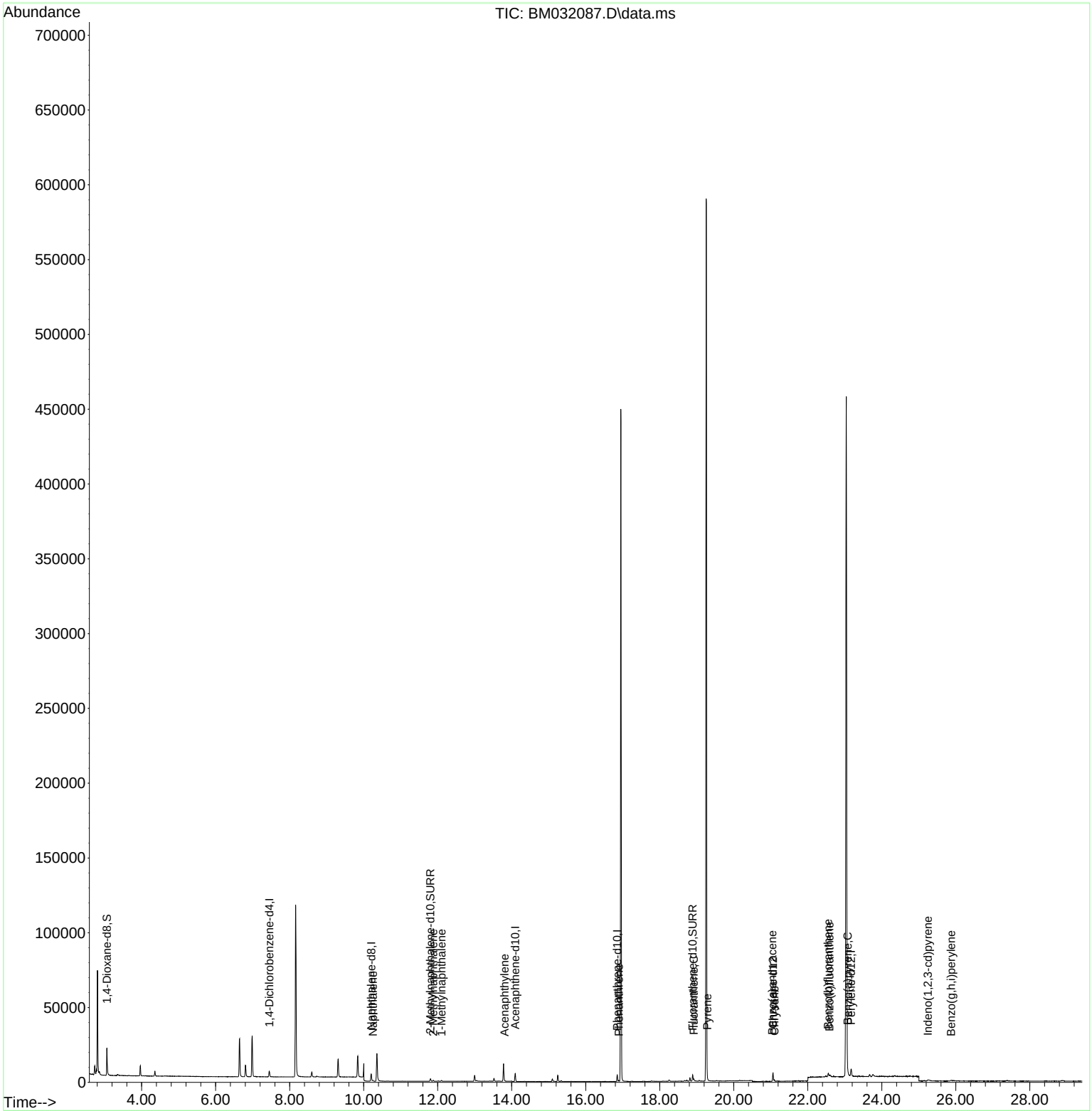
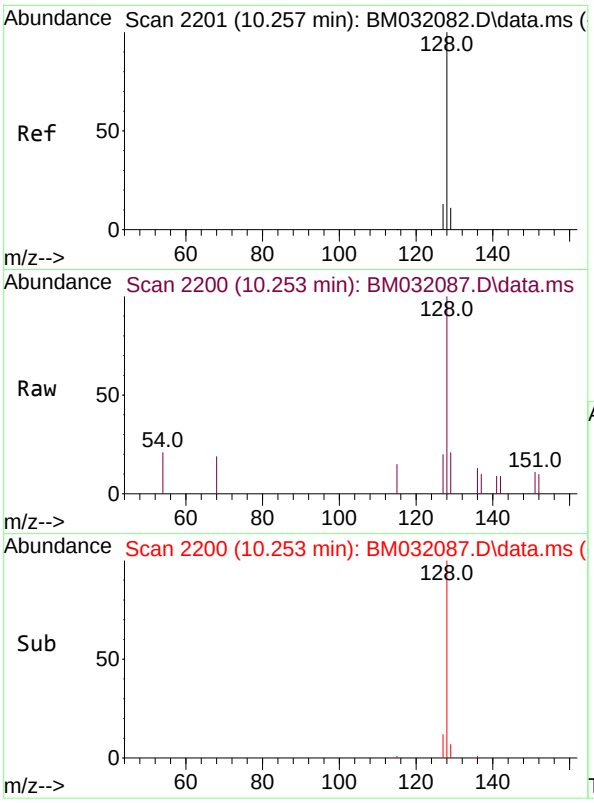
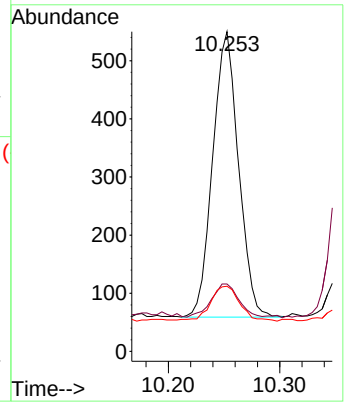




#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:128 Resp: 789

Ion	Ratio	Lower	Upper
128	100		
129	21.1	10.9	16.3#
127	20.4	12.4	18.6#



Instrument :
BNA_M
ClientSampleId :
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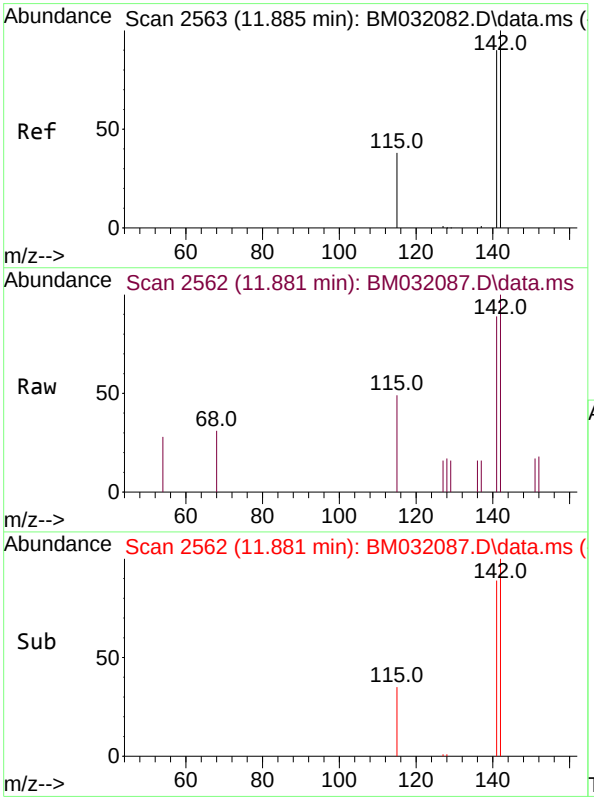
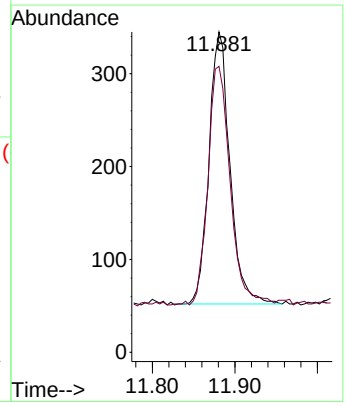
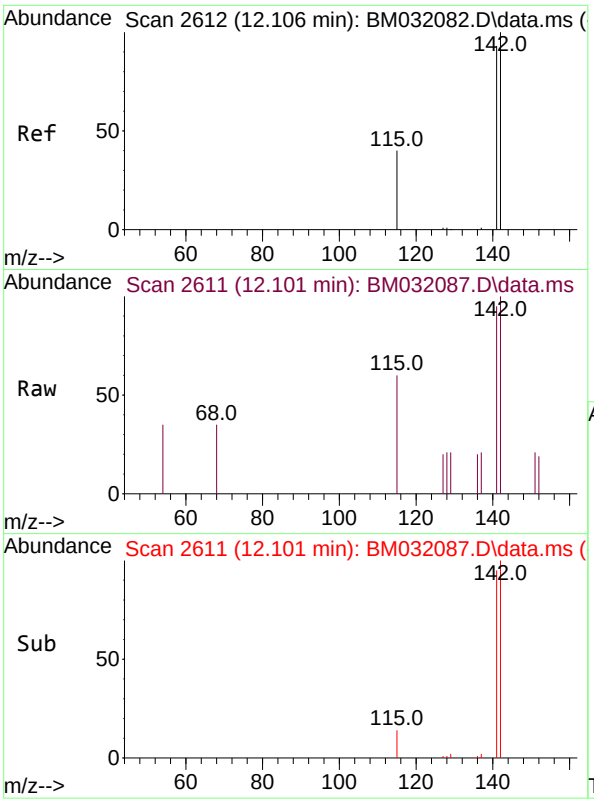


#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.018 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:142 Resp: 518

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.3	105.5

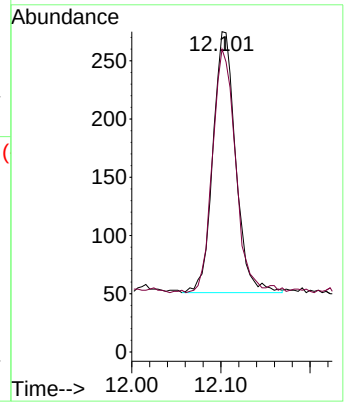




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:142 Resp: 396

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.2	108.2



Instrument :
BNA_M
ClientSampleId :
C0B42

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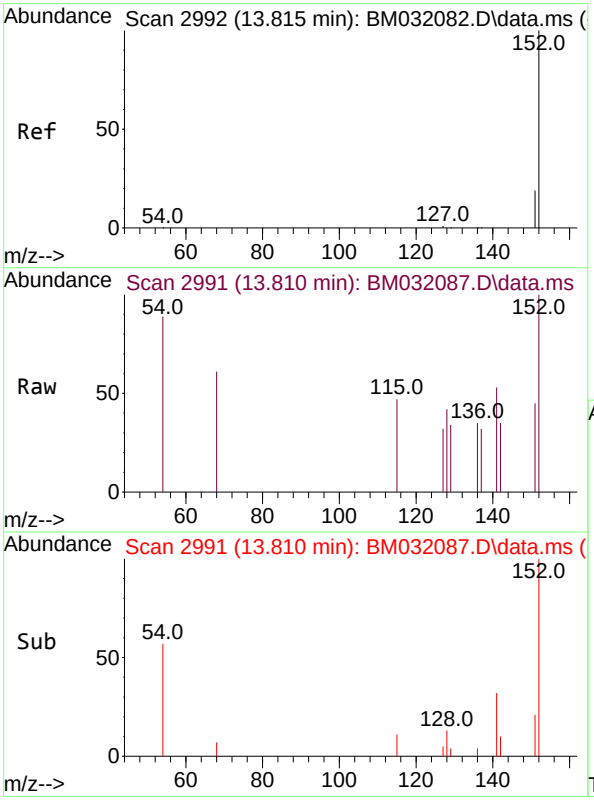
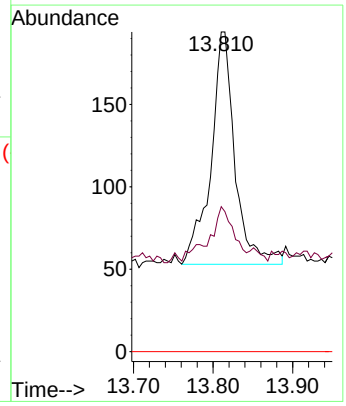
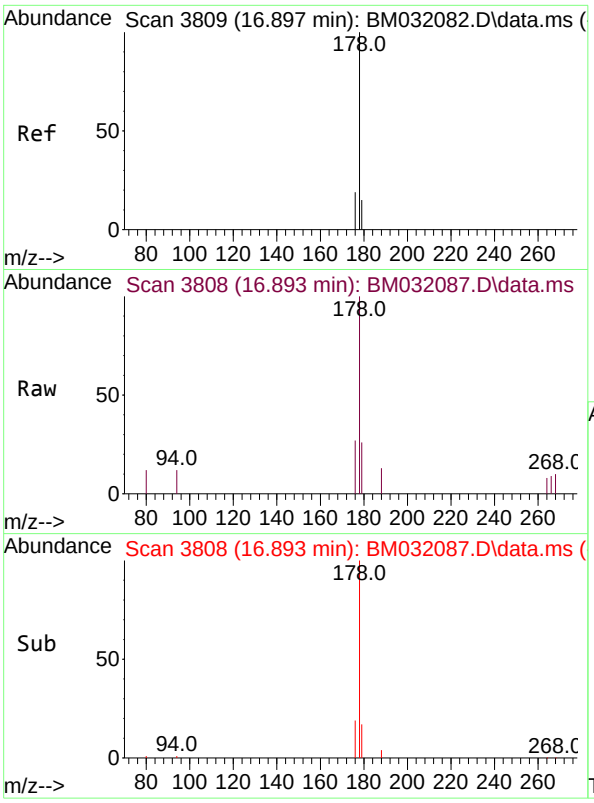


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.810 min Scan# 2991
Delta R.T. -0.014 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:152 Resp: 297

Ion	Ratio	Lower	Upper
152	100		
151	45.4	17.0	25.4#
153	0.0	0.0	0.0

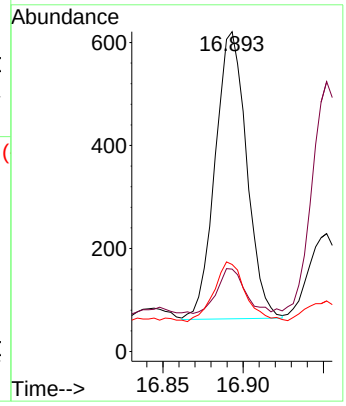




#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:178 Resp: 761

Ion	Ratio	Lower	Upper
178	100		
179	25.8	13.3	19.9#
176	27.2	16.7	25.1#



Instrument :
BNA_M
ClientSampleId :
C0B42

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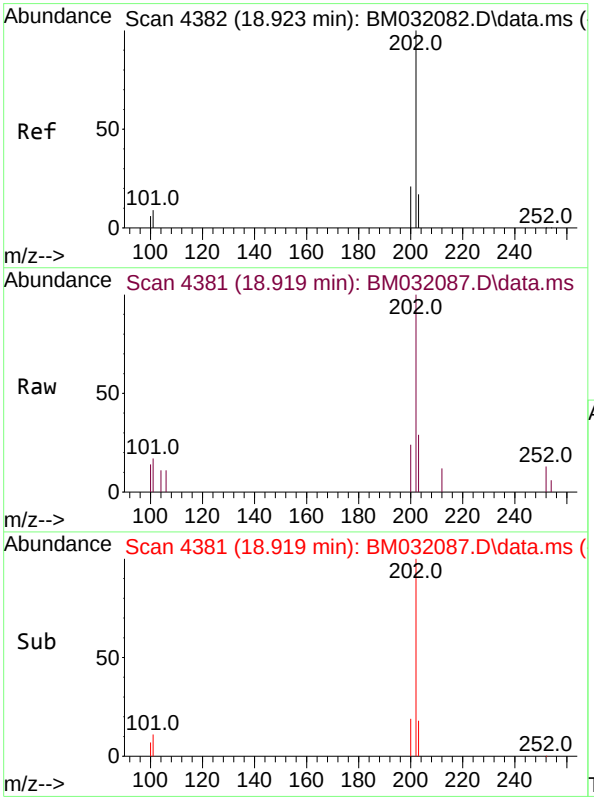
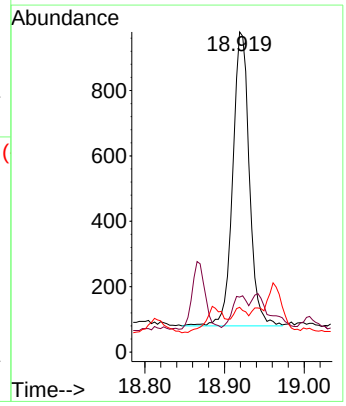
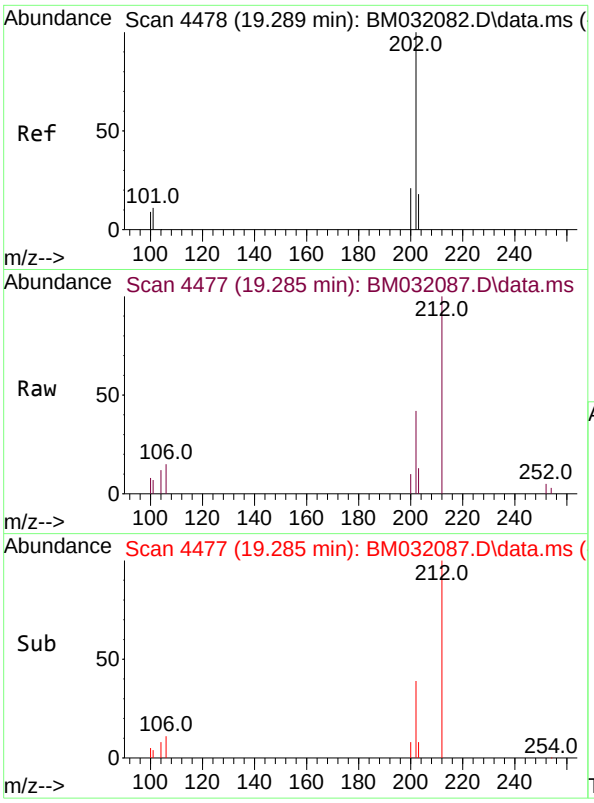


#19
Fluoranthene
Concen: 0.062 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.015 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:202 Resp: 1300

Ion	Ratio	Lower	Upper
202	100		
101	17.2	7.2	10.8#
100	14.0	5.8	8.6#

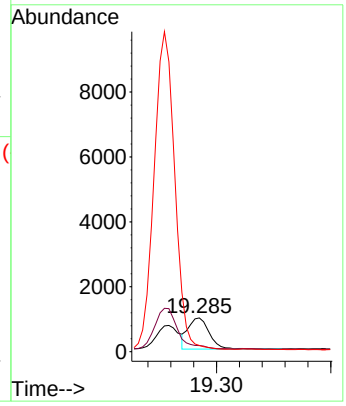




#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:202 Resp: 1223

Ion	Ratio	Lower	Upper
202	100		
101	17.9	8.2	12.4#
100	18.4	7.0	10.6#



Instrument :
BNA_M
ClientSampleId :
C0B42

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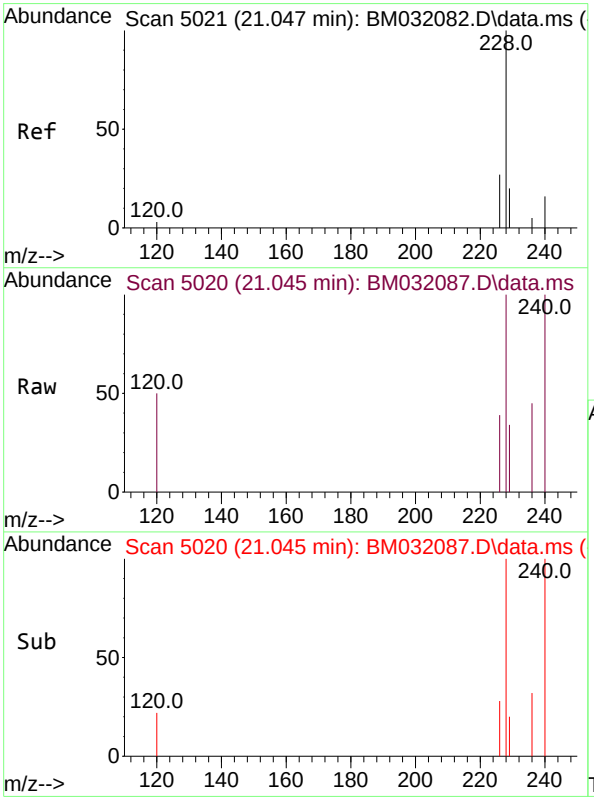
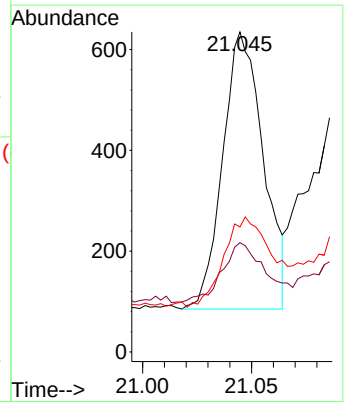
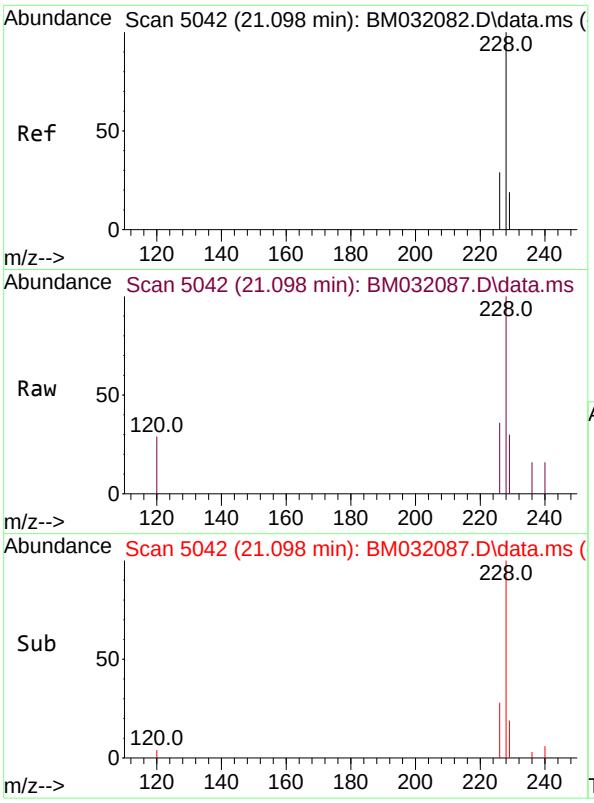


#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:228 Resp: 713

Ion	Ratio	Lower	Upper
228	100		
229	34.2	17.1	25.7#
226	39.1	23.1	34.7#

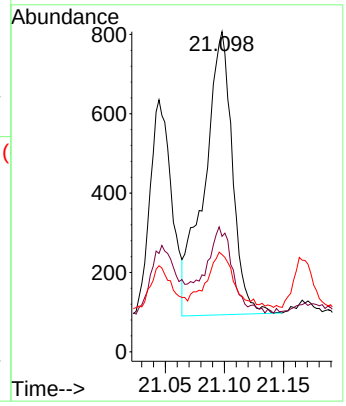


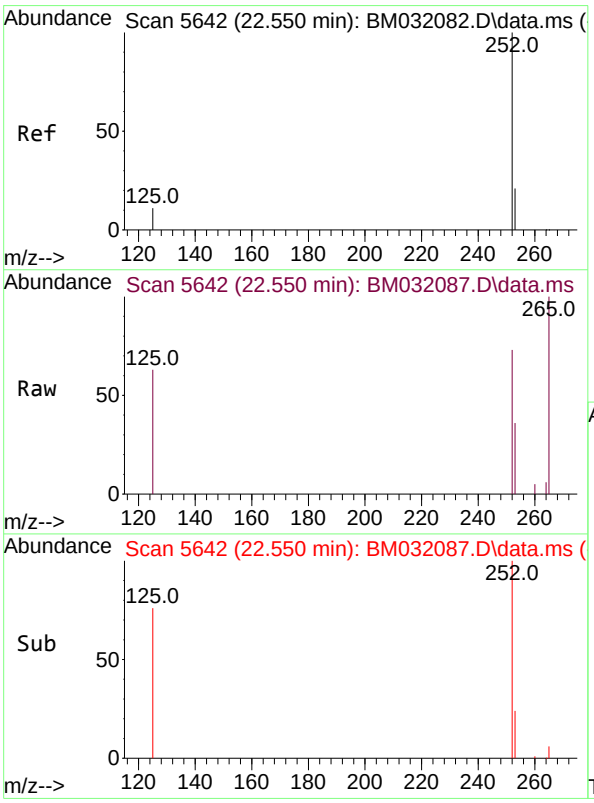


#22
Chrysene
Concen: 0.058 ng/ul
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:228 Resp: 1175

Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.2	36.2
229	30.4	16.3	24.5#

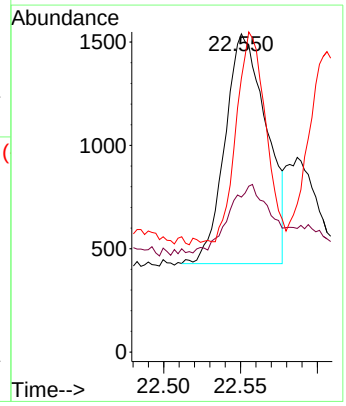




#24
Benzo(b)fluoranthene
Concen: 0.074 ng/ul m
RT: 22.550 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:252 Resp: 2100

Ion	Ratio	Lower	Upper
252	100		
253	48.7	0.0	61.0
125	86.0	0.0	28.4#



Instrument :
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ClientSampleId :
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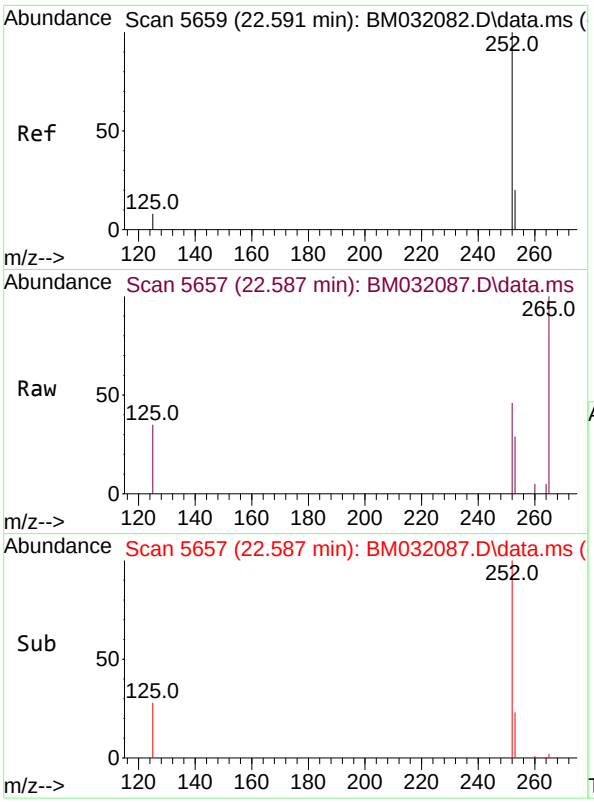
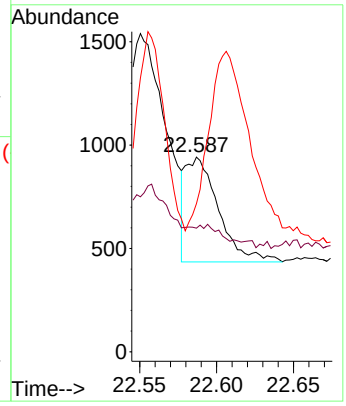
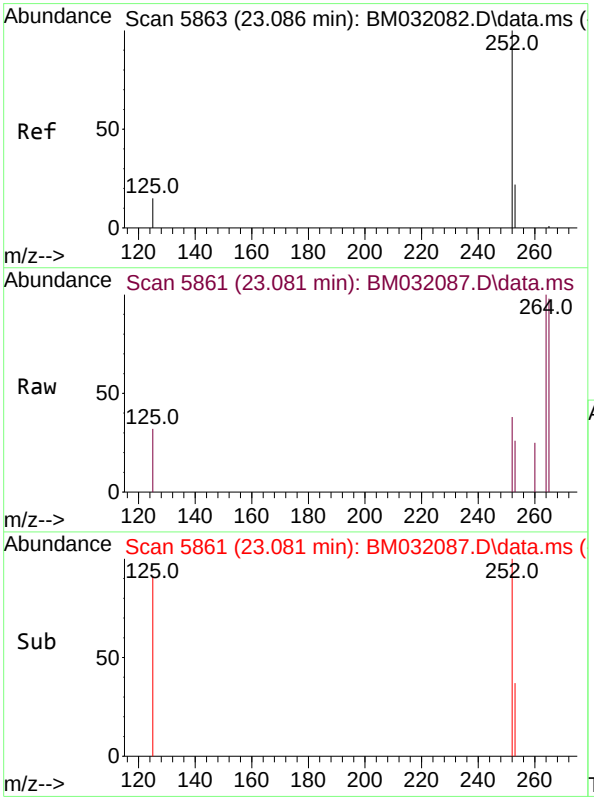


#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:252 Resp: 754

Ion	Ratio	Lower	Upper
252	100		
253	63.5	25.2	37.8#
125	76.1	11.0	16.4#

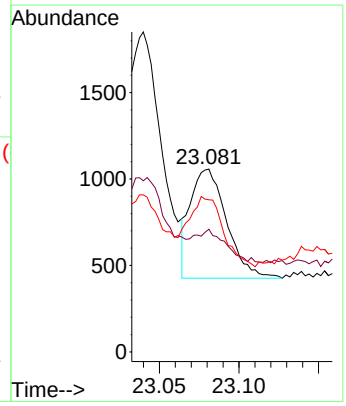




#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:252 Resp: 1002

Ion	Ratio	Lower	Upper
252	100		
253	67.1	28.8	43.2#
125	83.2	13.9	20.9#



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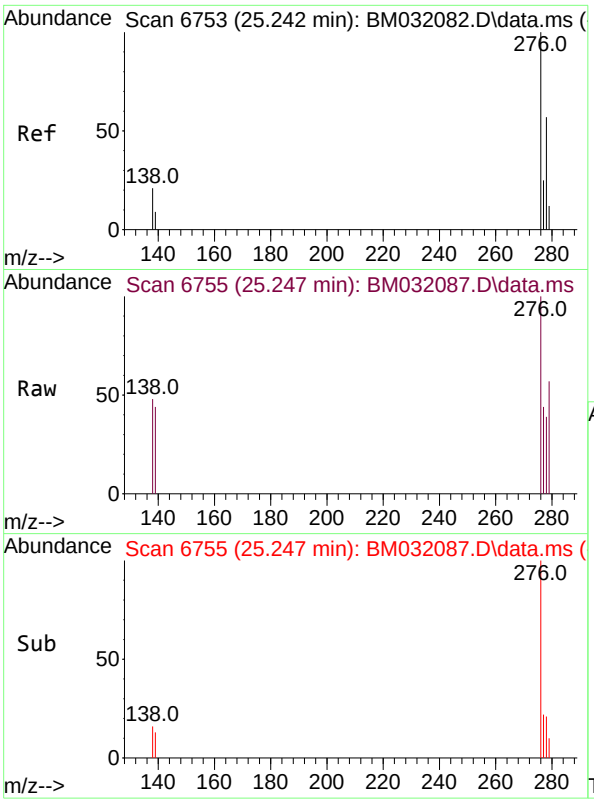
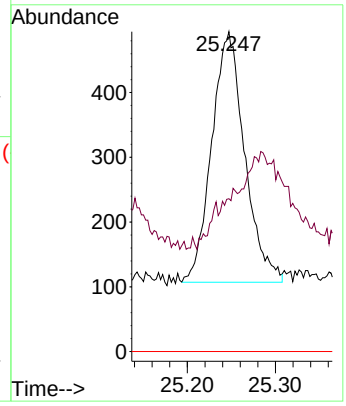


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.024 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:276 Resp: 1007

Ion	Ratio	Lower	Upper
276	100		
138	13.2	14.1	21.1#
227	0.0	0.0	0.0



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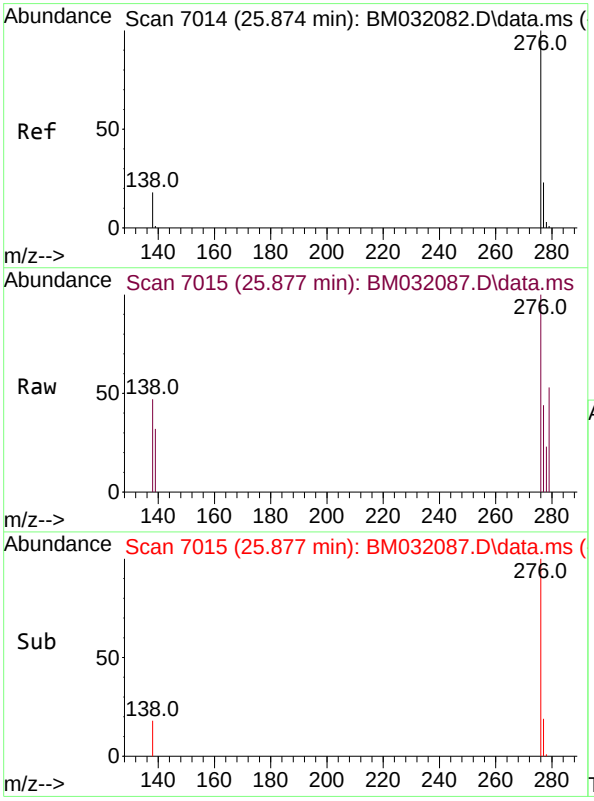

#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 25.877 min Scan# 7015
Delta R.T. -0.027 min
Lab File: BM032087.D
Acq: 04 Sep 2021 21:33

Tgt Ion:276 Resp: 1057

Ion	Ratio	Lower	Upper
276	100		
138	47.4	14.5	21.7#
277	43.5	21.2	31.8#