Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032595.D
Acq On : 19 Oct 2021 21:48
Operator : CG/JU
Sample : M4181-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B55

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Quant Time: Oct 20 02:57:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6386	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	19342	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9506	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	16960	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.126	240	12061	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	13198	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	33508	4.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	8560	0.33	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	14071	0.37	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	8118	0.14	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	6529	0.17	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	6304	0.17	ng/ul	99
15) Phenanthrene	16.991	178	5743	0.10	ng/ul	97
19) Fluoranthene	19.004	202	2578	0.04	ng/ul#	87
20) Pyrene	19.366	202	2461	0.04	ng/ul#	85
21) Benzo(a)anthracene	21.109	228	1252	0.03	ng/ul#	82
22) Chrysene	21.159	228	1726	0.03	ng/ul#	85
24) Benzo(b)fluoranthene	22.631	252	1794m	0.03	ng/ul	
26) Benzo(a)pyrene	23.169	252	1043	0.02	ng/ul#	1
29) Benzo(g,h,i)perylene	26.028	276	1119	0.02	ng/ul#	51

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

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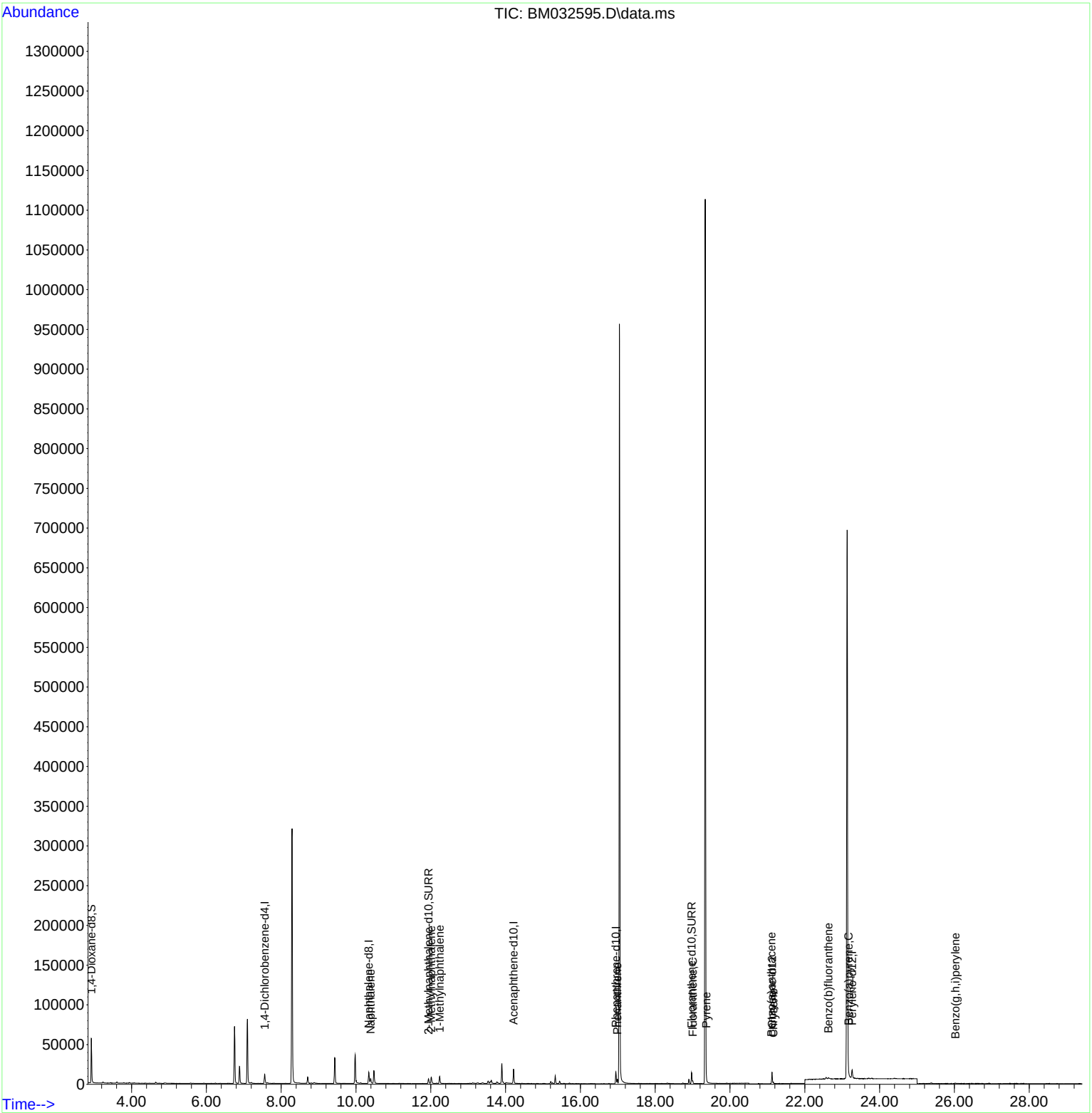
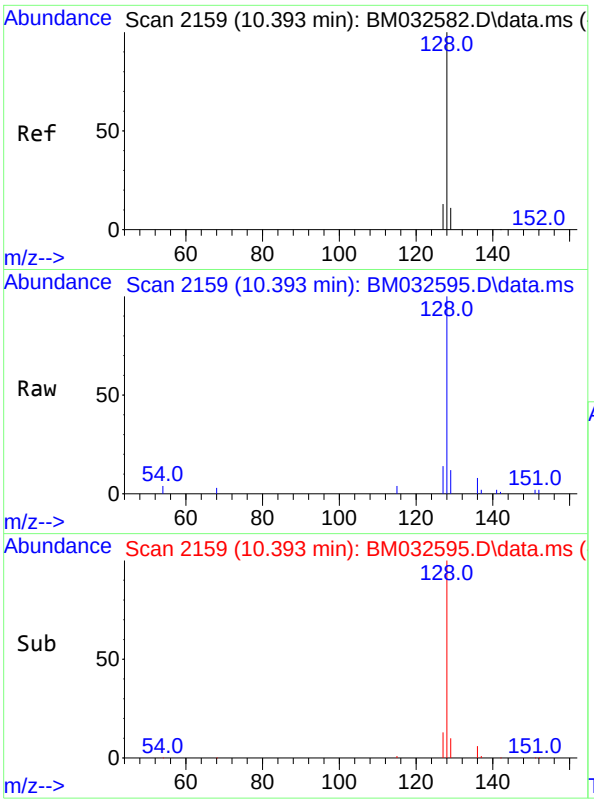
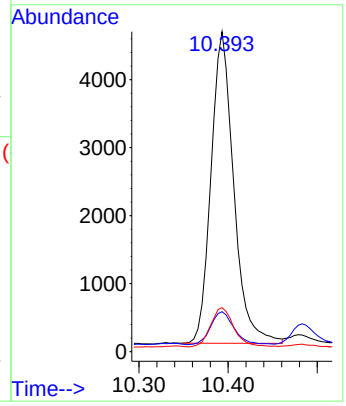


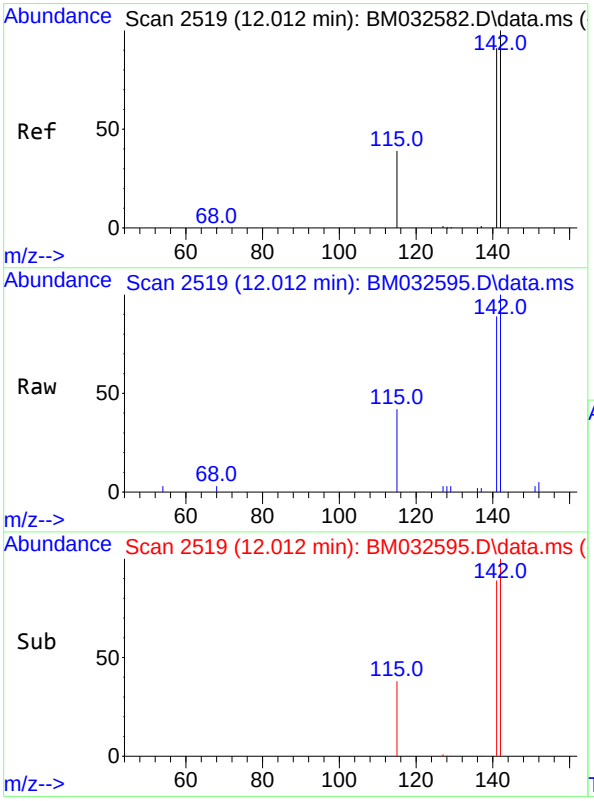


#5
Naphthalene
Concen: 0.14 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:128 Resp: 8118

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	13.8	11.1	16.7

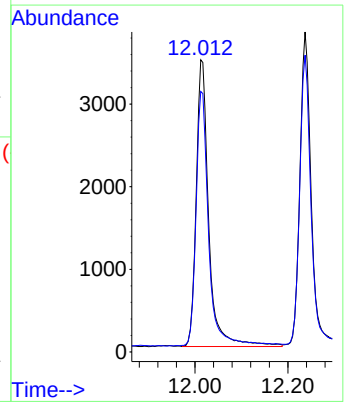




#7
2-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:142 Resp: 6529

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.2



Instrument :
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ClientSampleId :
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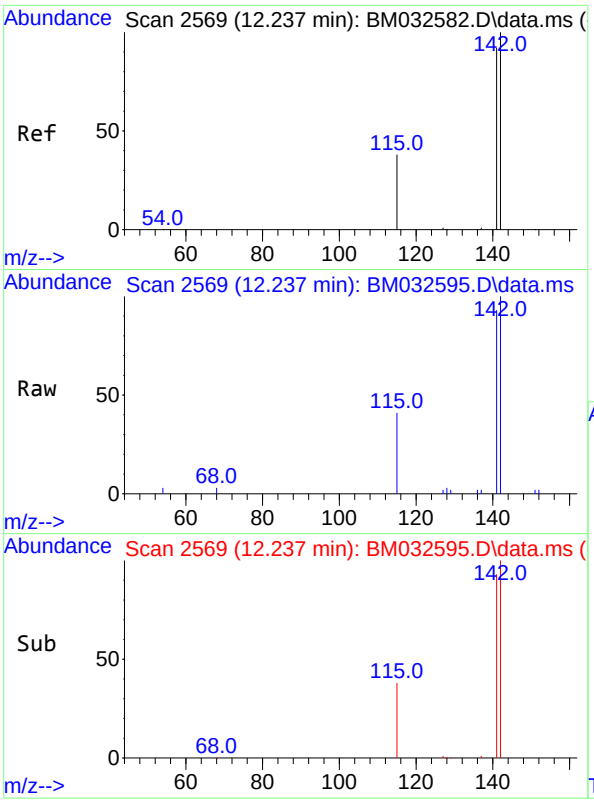
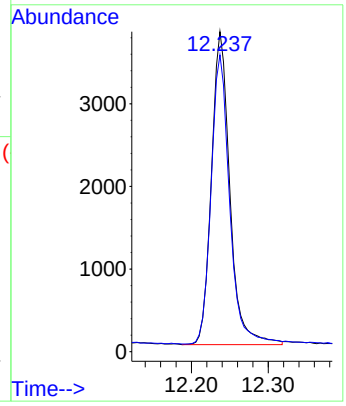


#8
1-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:142 Resp: 6304

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3



Instrument :
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ClientSampleId :
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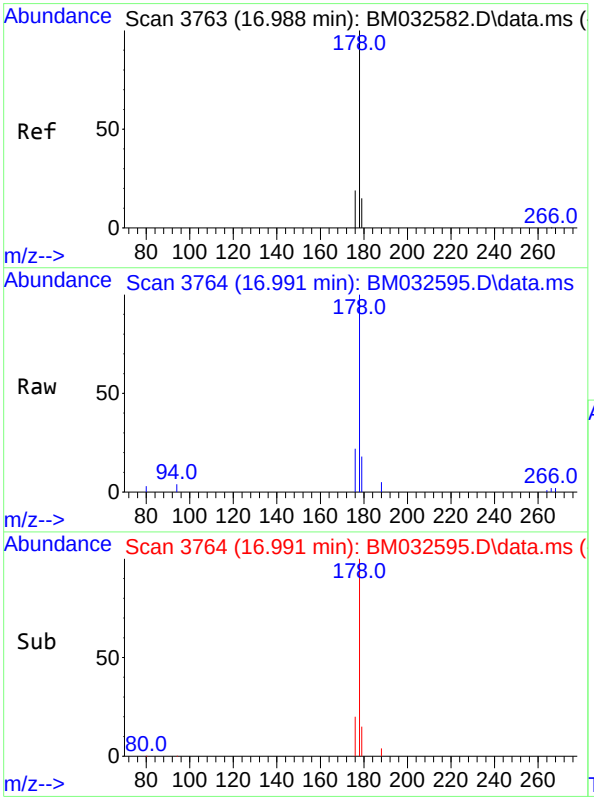
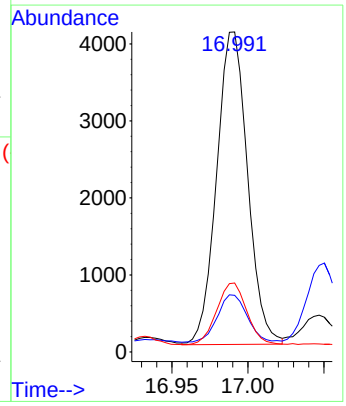
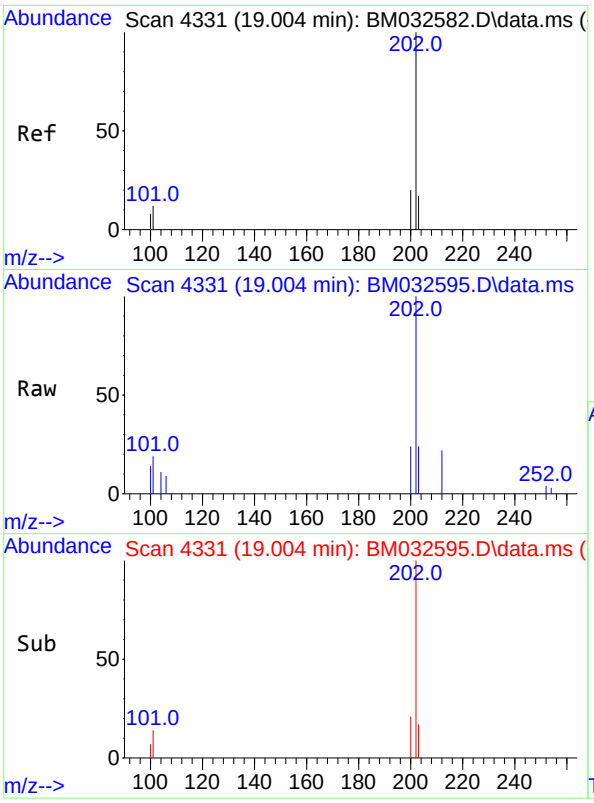


#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. 0.004 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:178 Resp: 5743

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.9	19.3
176	21.5	16.1	24.1

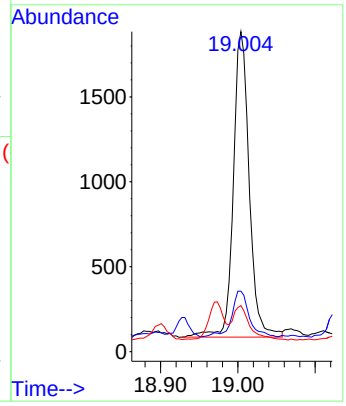




#19
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:202 Resp: 2578

Ion	Ratio	Lower	Upper
202	100		
101	18.9	10.6	16.0#
100	14.4	7.8	11.8#



Instrument :
BNA_M
ClientSampleId :
C0B55

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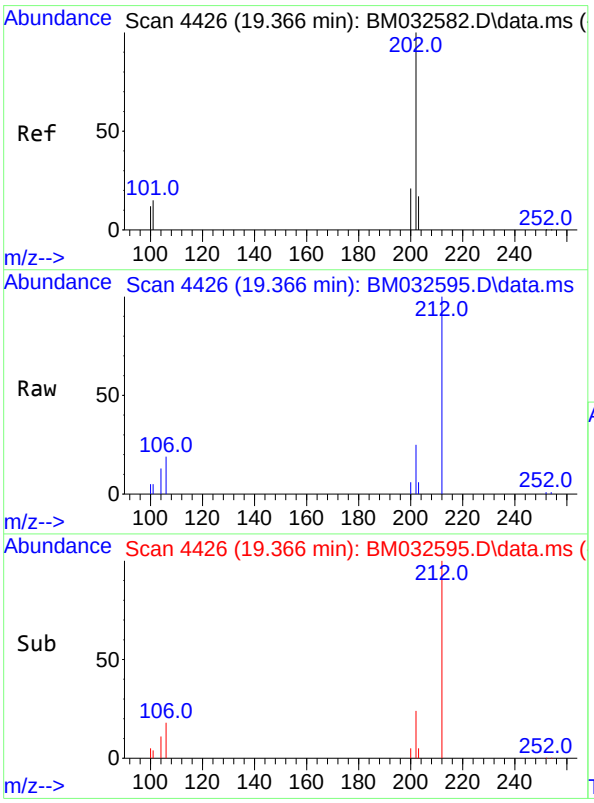
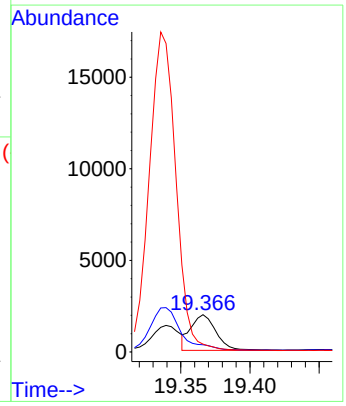
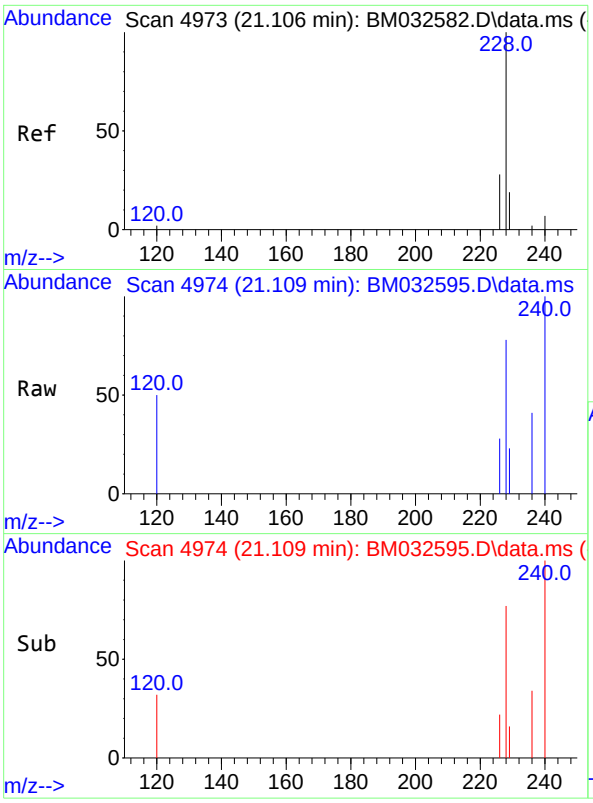


#20
Pyrene
Concen: 0.04 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:202 Resp: 2461

Ion	Ratio	Lower	Upper
202	100		
101	19.4	12.3	18.5#
100	21.2	10.1	15.1#

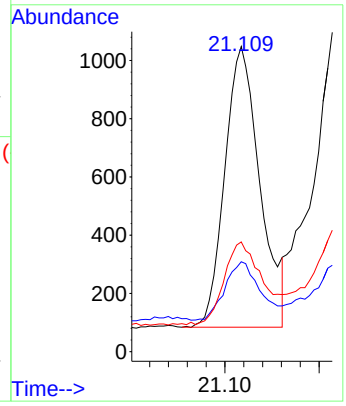




#21
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. 0.003 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:228 Resp: 1252

Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.9	23.9#
226	36.0	22.4	33.6#



Instrument :
BNA_M
ClientSampleId :
C0B55

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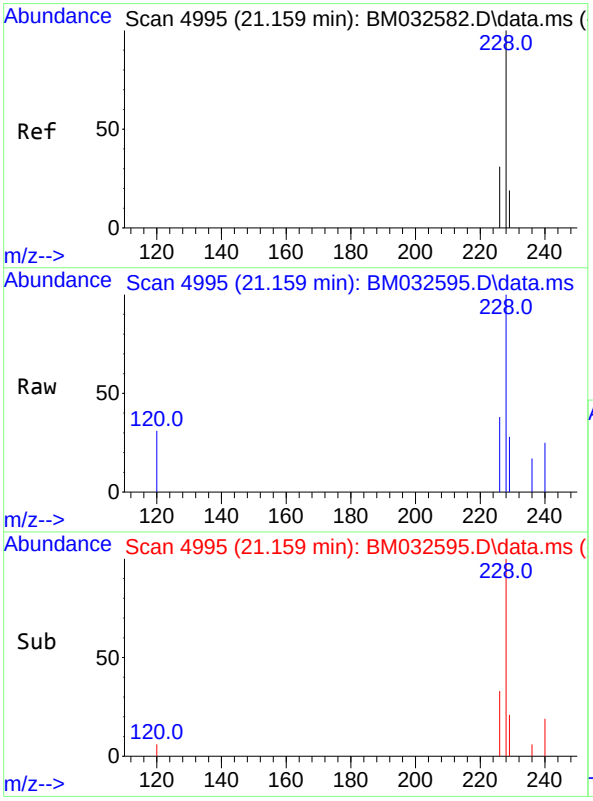
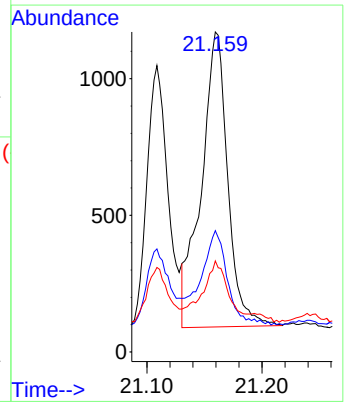
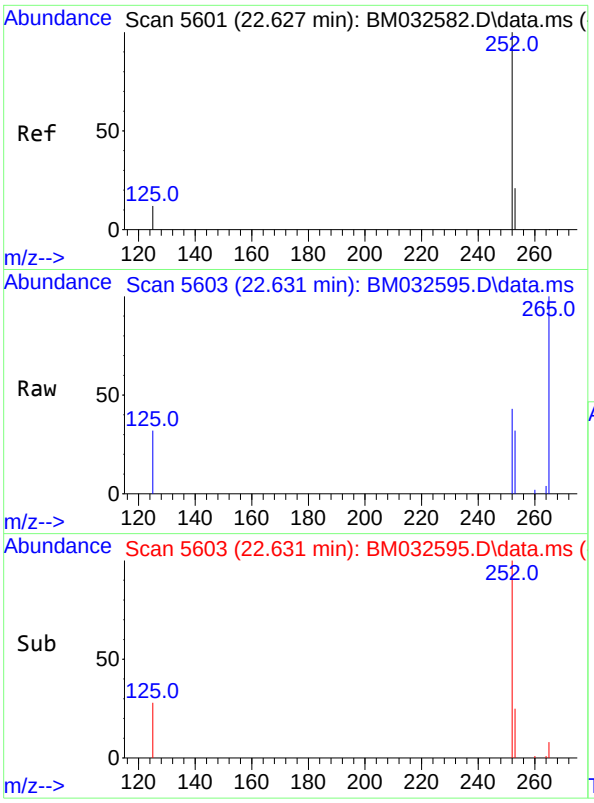


#22
Chrysene
Concen: 0.03 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:228 Resp: 1726

Ion	Ratio	Lower	Upper
228	100		
226	37.9	25.1	37.7#
229	28.4	15.7	23.5#

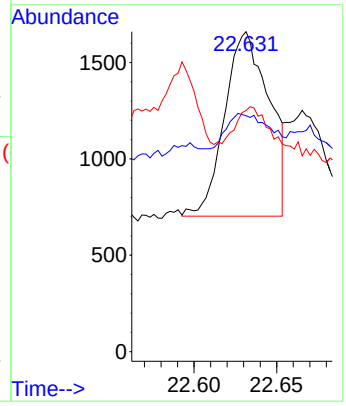




#24
Benzo(b)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.631 min Scan# 5603
Delta R.T. 0.005 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:252 Resp: 1794

Ion	Ratio	Lower	Upper
252	100		
253	73.7	0.0	53.8#
125	75.4	0.0	35.6#



Instrument :
BNA_M
ClientSampleId :
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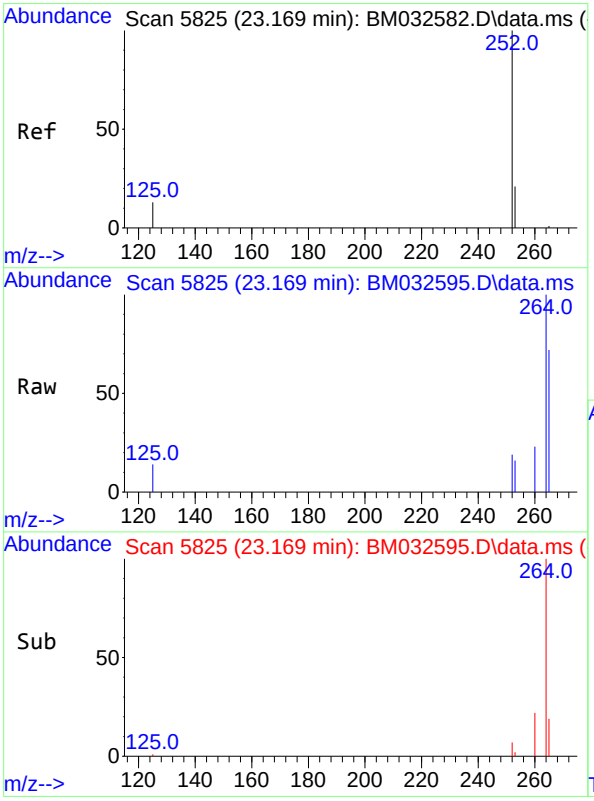
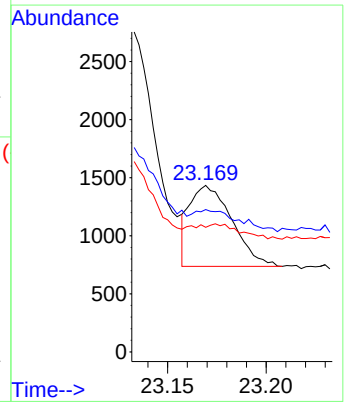
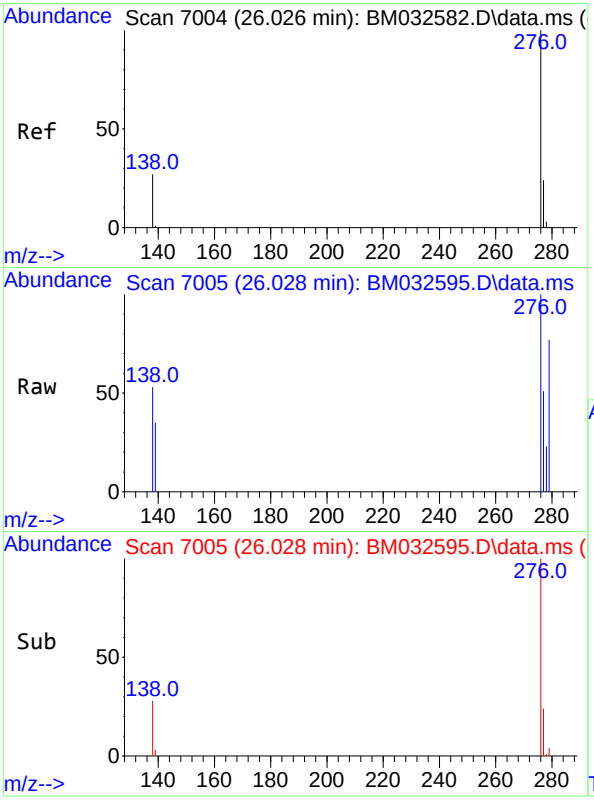


#26
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:252 Resp: 1043

Ion	Ratio	Lower	Upper
252	100		
253	85.5	23.6	35.4#
125	74.8	17.1	25.7#

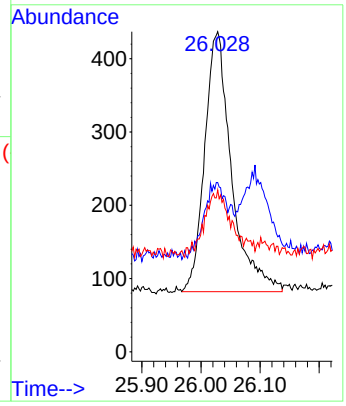




#29
Benzo(g,h,i)perylene
Concen: 0.02 ng/ul
RT: 26.028 min Scan# 7005
Delta R.T. 0.003 min
Lab File: BM032595.D
Acq: 19 Oct 2021 21:48

Tgt Ion:276 Resp: 1119

Ion	Ratio	Lower	Upper
276	100		
138	52.9	22.6	33.8#
277	50.6	19.9	29.9#



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