Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031505.D
Acq On : 06 Aug 2021 05:57
Operator : CG/JU
Sample : M3162-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEX0

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Quant Time: Aug 06 06:46:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 01:41:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4956	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	3202	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	6030m	0.400	ng/ul	0.00
17) Chrysene-d12	21.161	240	4420	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	4635	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	8493	5.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	3547	0.425	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	7370	0.500	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.009	178	1058	0.055	ng/ul#	88
19) Fluoranthene	19.027	202	2390	0.127	ng/ul#	89
20) Pyrene	19.394	202	2149	0.112	ng/ul#	86
21) Benzo(a)anthracene	21.147	228	922	0.052	ng/ul#	86
22) Chrysene	21.198	228	1123	0.061	ng/ul#	88
24) Benzo(b)fluoranthene	22.674	252	1728m	0.083	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	568m	0.026	ng/ul	
26) Benzo(a)pyrene	23.222	252	870	0.048	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	25.456	276	727	0.031	ng/ul#	82
29) Benzo(g,h,i)perylene	26.103	276	749	0.037	ng/ul#	62

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

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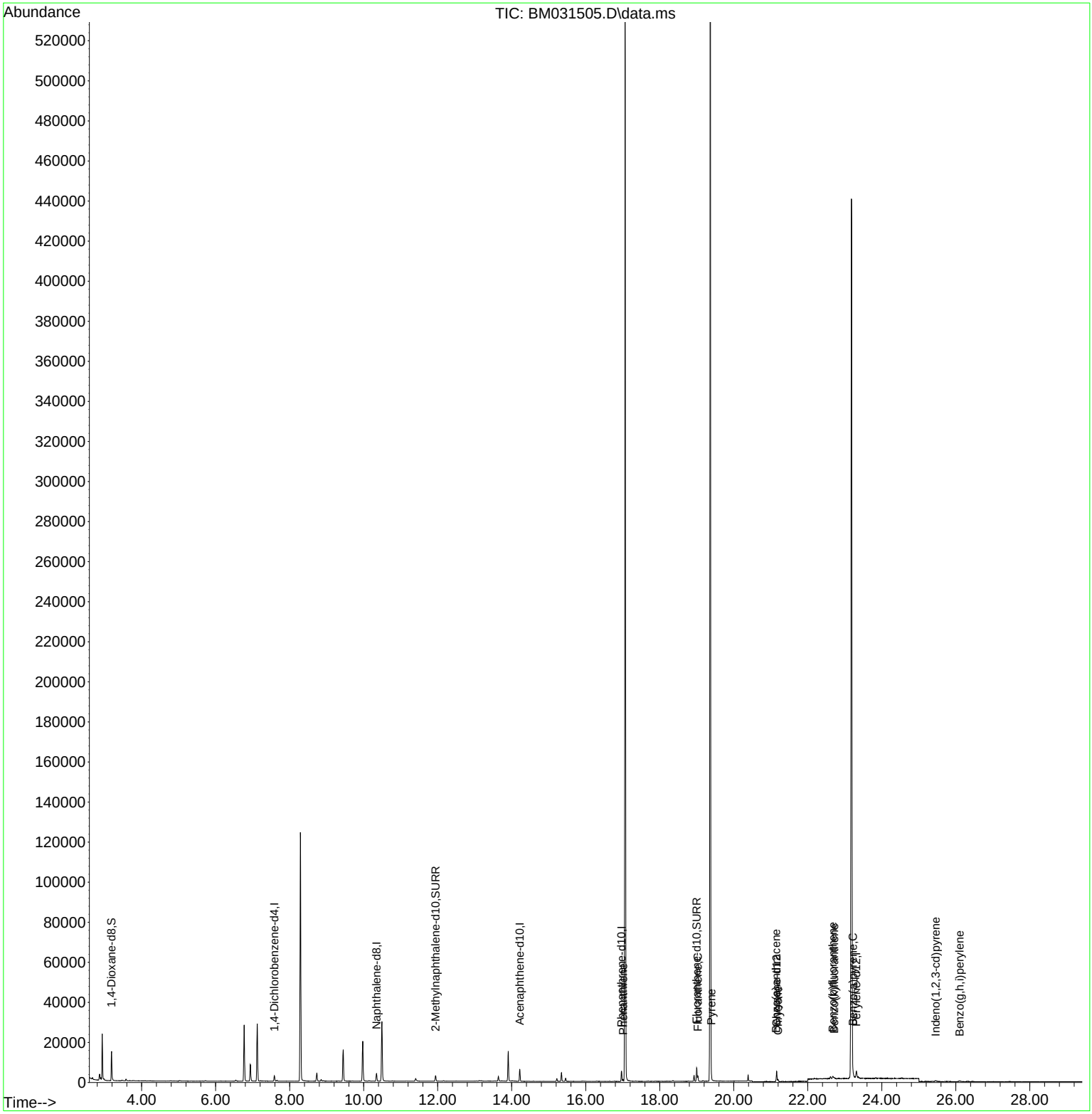
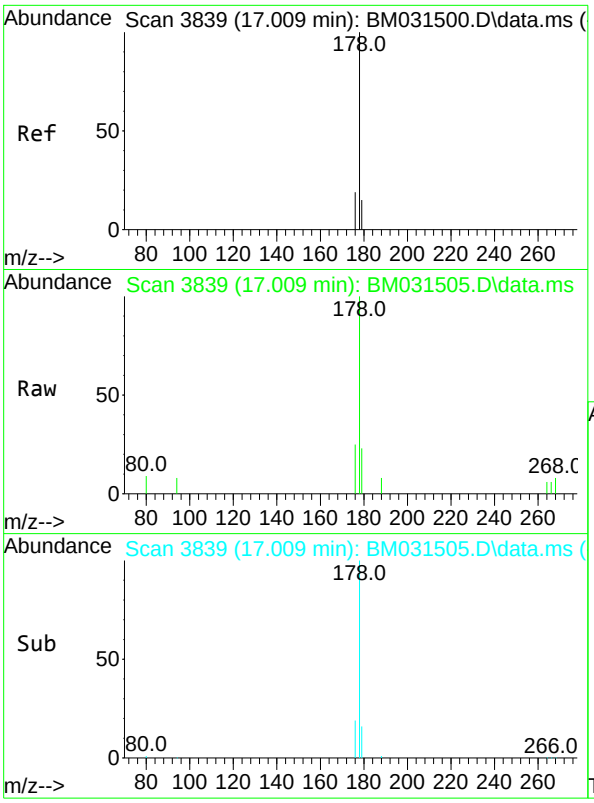
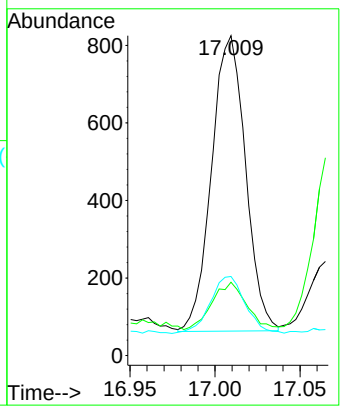




#15
Phenanthrene
Concen: 0.055 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:178 Resp: 1058

Ion	Ratio	Lower	Upper
178	100		
179	22.9	13.3	19.9#
176	24.7	16.2	24.4#



Instrument :
BNA_M
ClientSampleId :
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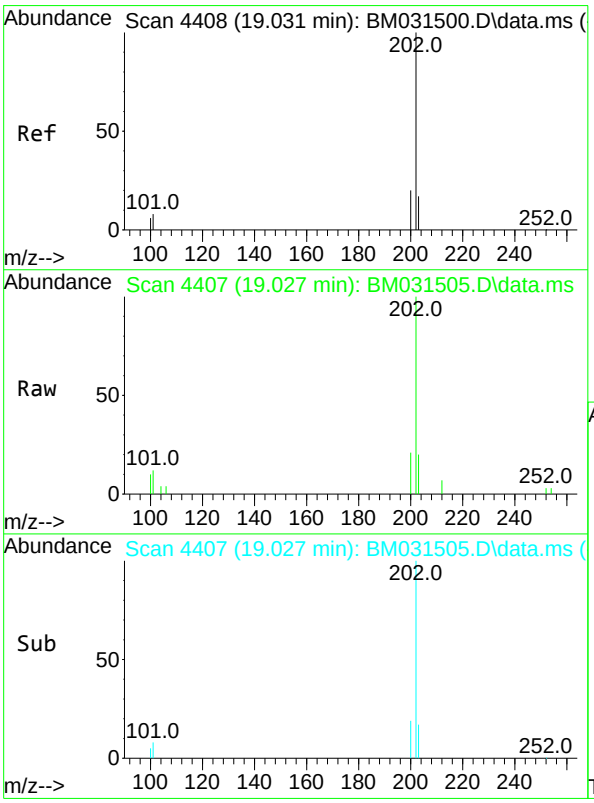
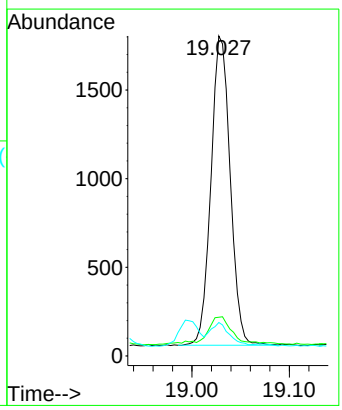
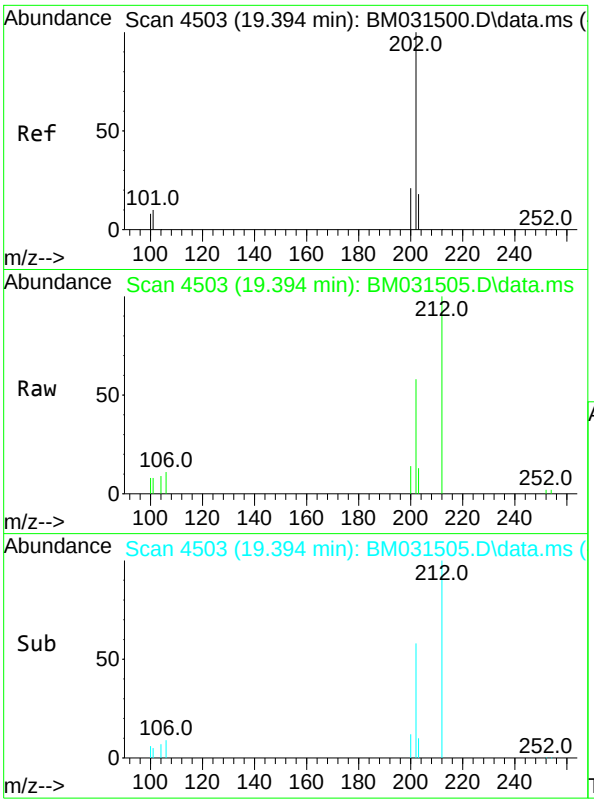


#19
Fluoranthene
Concen: 0.127 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.008 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:202 Resp: 2390

Ion	Ratio	Lower	Upper
202	100		
101	12.1	6.6	10.0#
100	10.5	5.4	8.0#

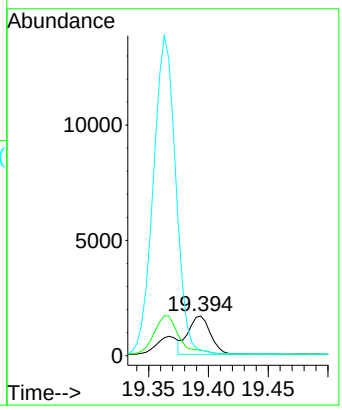




#20
Pyrene
Concen: 0.112 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:202 Resp: 2149

Ion	Ratio	Lower	Upper
202	100		
101	13.9	7.8	11.6#
100	14.1	6.6	10.0#



Instrument :
BNA_M
ClientSampleId :
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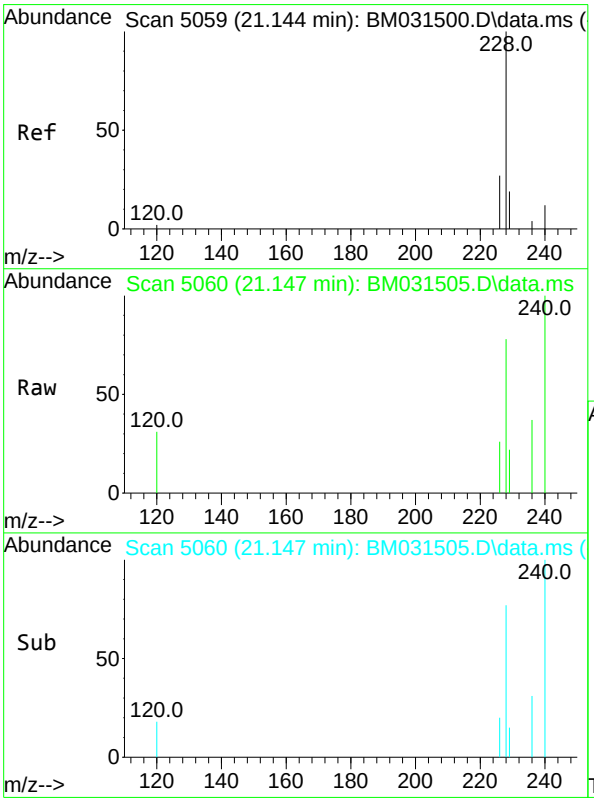
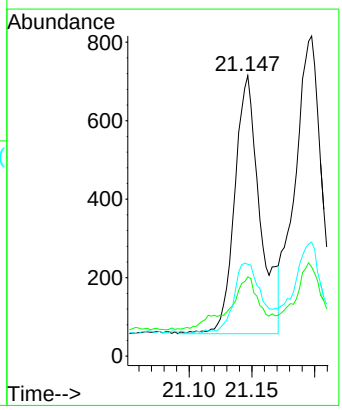
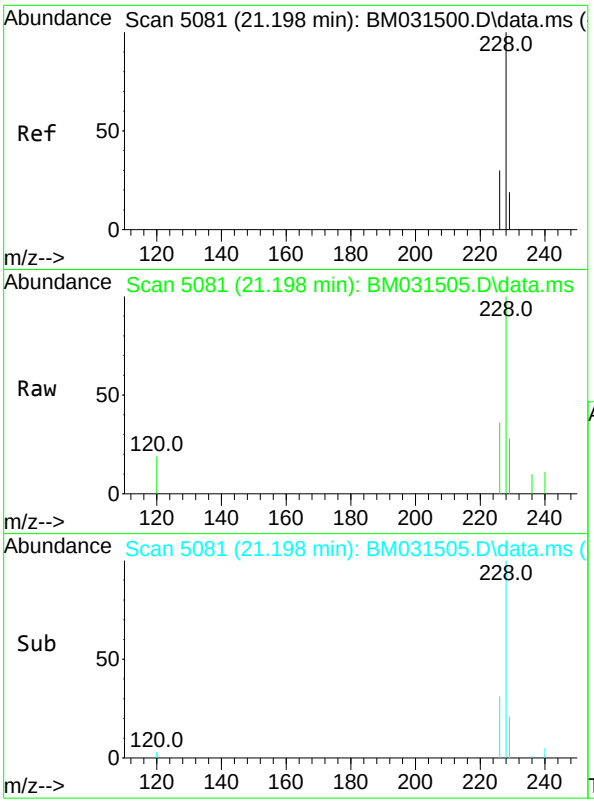


#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.002 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:228 Resp: 922

Ion	Ratio	Lower	Upper
228	100		
229	28.3	15.6	23.4#
226	32.7	21.7	32.5#

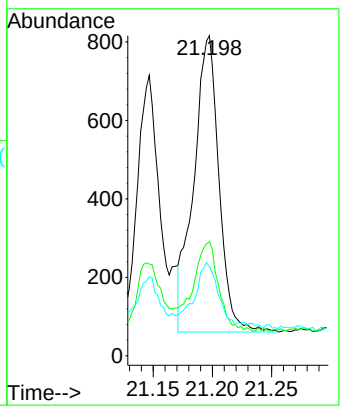




#22
Chrysene
Concen: 0.061 ng/ul
RT: 21.198 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:228 Resp: 1123

Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.7	37.1
229	27.8	16.2	24.2#



Instrument :
BNA_M
ClientSampleId :
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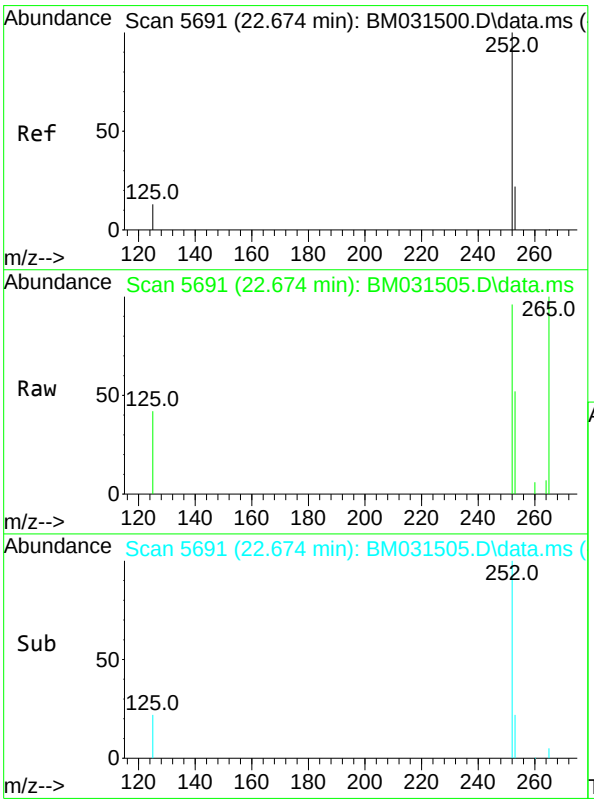
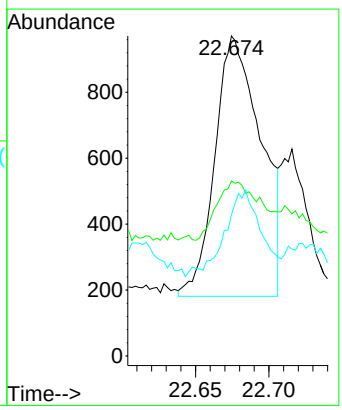
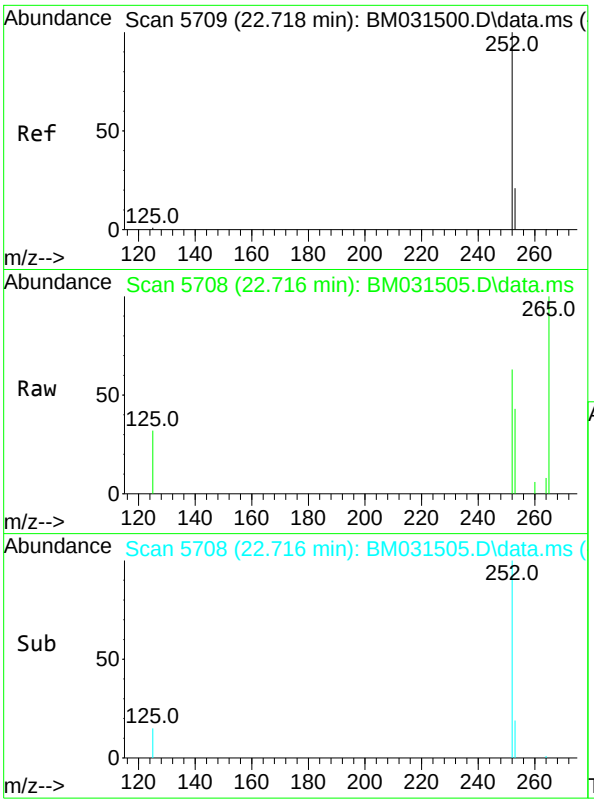


#24
Benzo(b)fluoranthene
Concen: 0.083 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:252 Resp: 1728

Ion	Ratio	Lower	Upper
252	100		
253	54.7	0.0	53.0#
125	44.2	0.0	22.8#

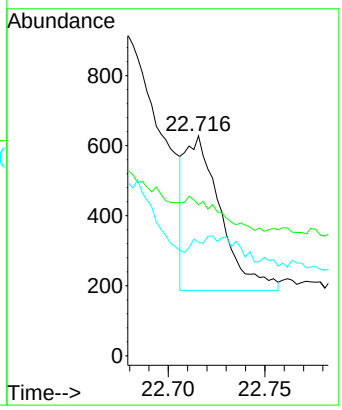


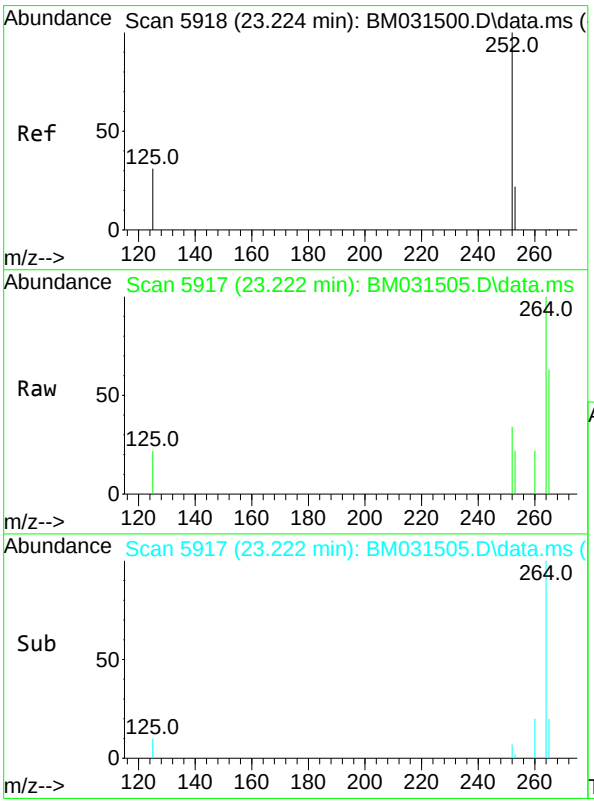


#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:252 Resp: 568

Ion	Ratio	Lower	Upper
252	100		
253	68.6	21.3	31.9#
125	51.6	8.8	13.2#

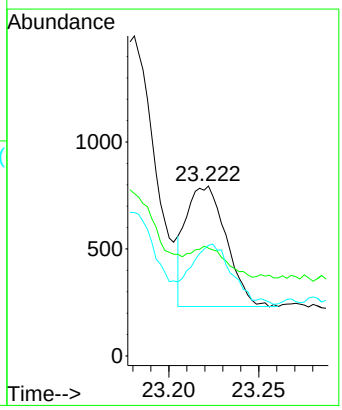




#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.007 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:252 Resp: 870

Ion	Ratio	Lower	Upper
252	100		
253	63.5	22.4	33.6#
125	65.1	13.0	19.4#



Instrument :
BNA_M
ClientSampleId :
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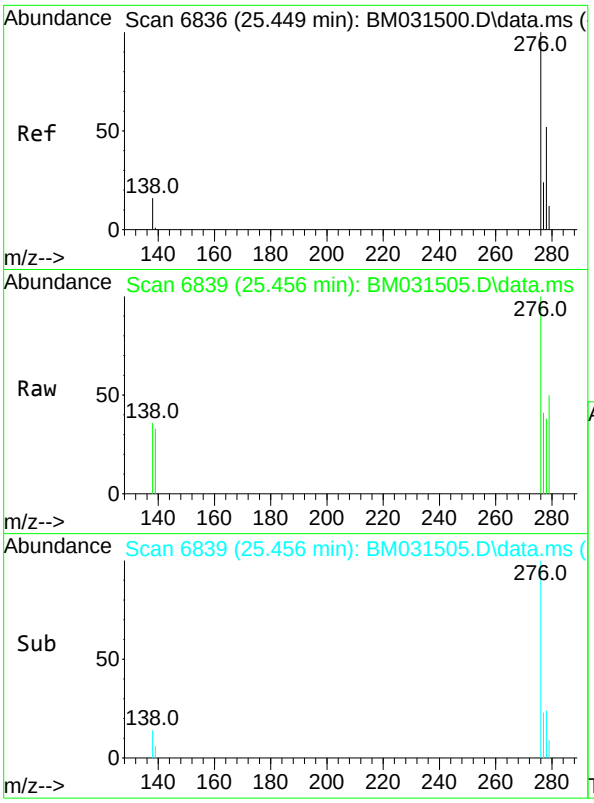
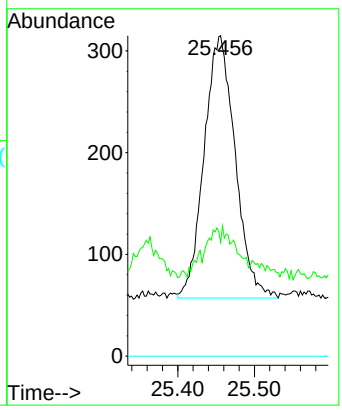
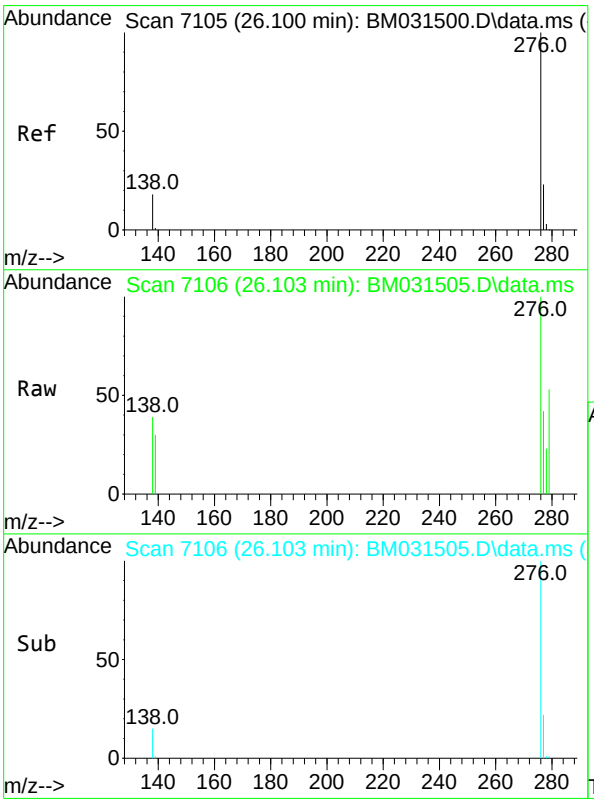


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.005 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:276 Resp: 727

Ion	Ratio	Lower	Upper
276	100		
138	11.6	15.8	23.8#
227	0.0	0.0	0.0

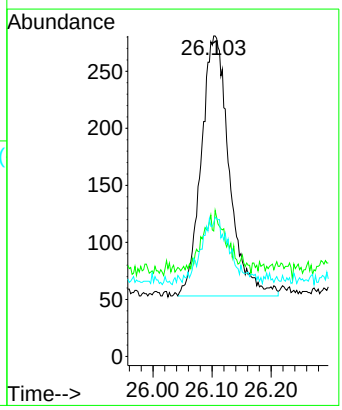




#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.007 min
Lab File: BM031505.D
Acq: 06 Aug 2021 05:57

Tgt Ion:276 Resp: 749

Ion	Ratio	Lower	Upper
276	100		
138	39.1	15.4	23.2#
277	41.6	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
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