Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
Data File : BN021317.D
Acq On : 23 Aug 2022 02:15
Operator : CG/JU
Sample : N4251-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGN70

Quant Time: Aug 23 04:05:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	2965	0.400	ng/ul		0.00
4) Naphthalene-d8	10.927	136	10042	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.749	164	5703	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.497	188	12233	0.400	ng/ul		0.00
17) Chrysene-d12	21.688	240	10218	0.400	ng/ul		0.00
23) Perylene-d12	24.219	264	10596	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.380	96	15736	4.114	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.517	152	3047	0.201	ng/ul		0.00
18) Fluoranthene-d10	19.524	212	7282	0.231	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	705	0.176	ng/ul	#	92
19) Fluoranthene	19.557	202	1737	0.036	ng/ul	#	89
20) Pyrene	19.919	202	1609	0.033	ng/ul	#	84
22) Chrysene	21.723	228	1780	0.039	ng/ul		94
24) Benzo(b)fluoranthene	23.445	252	4998	0.110	ng/ul		78
26) Benzo(a)pyrene	24.108	252	1572	0.037	ng/ul	#	67
27) Indeno(1,2,3-cd)pyrene	26.887	276	2252	0.045	ng/ul	#	92
29) Benzo(g,h,i)perylene	27.716	276	2746	0.055	ng/ul	#	89

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

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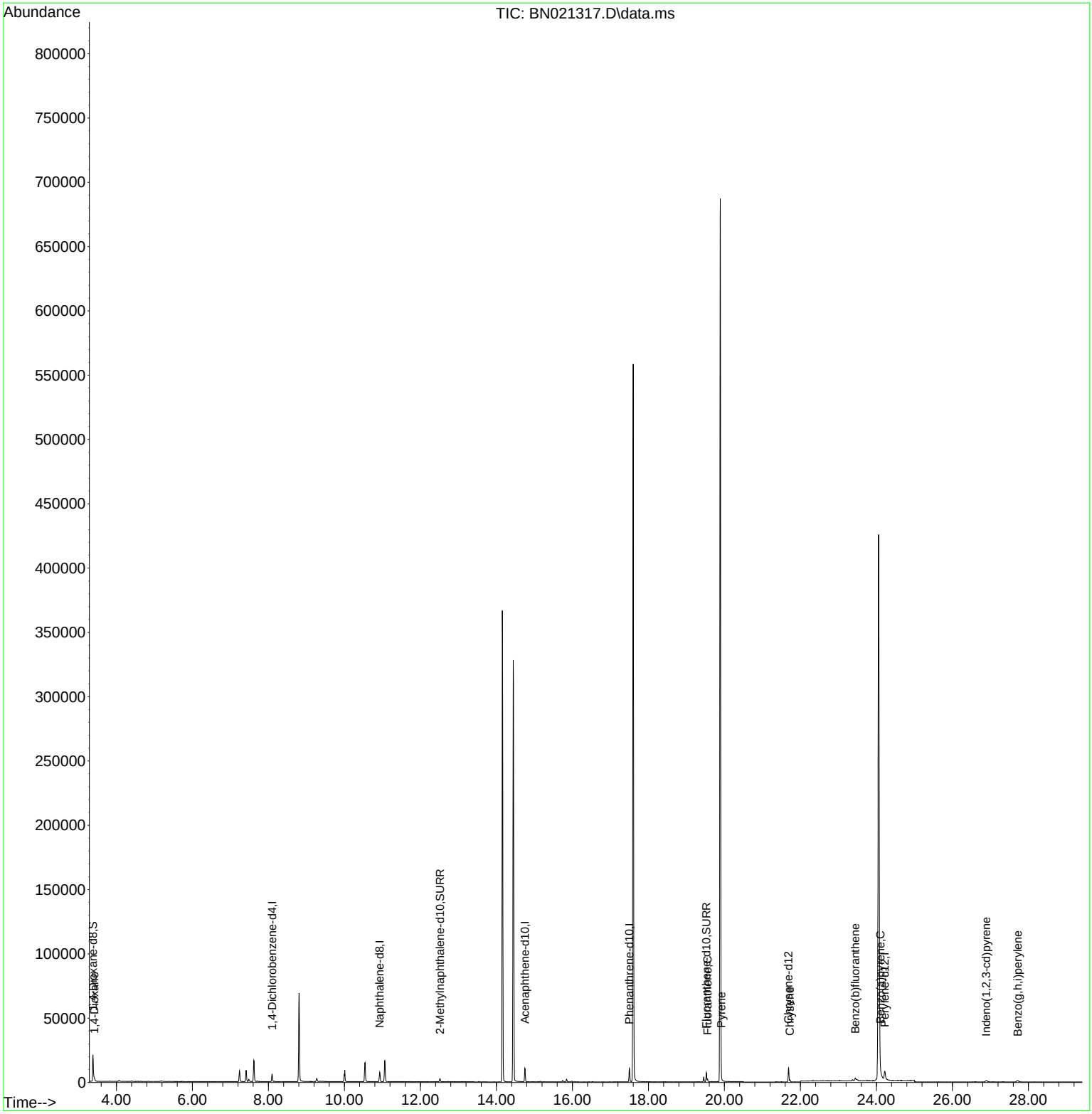
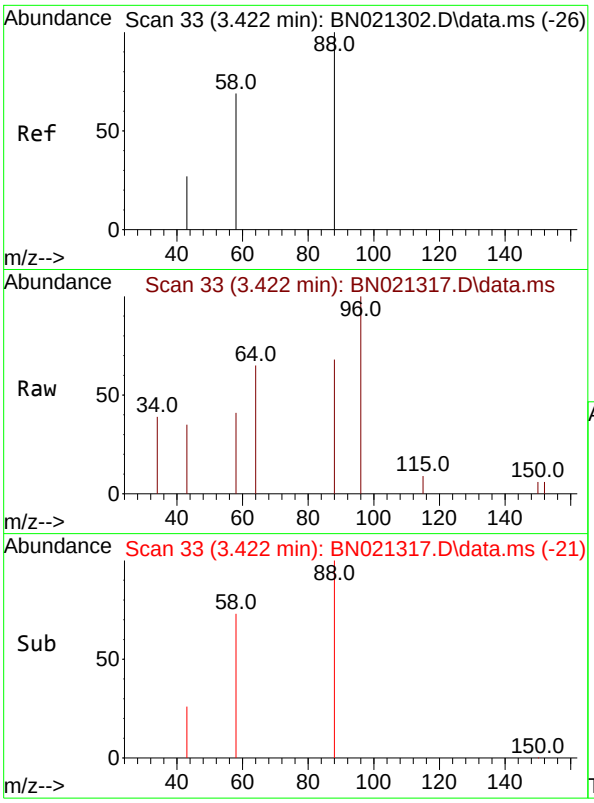


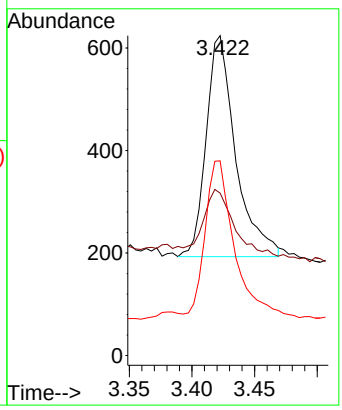


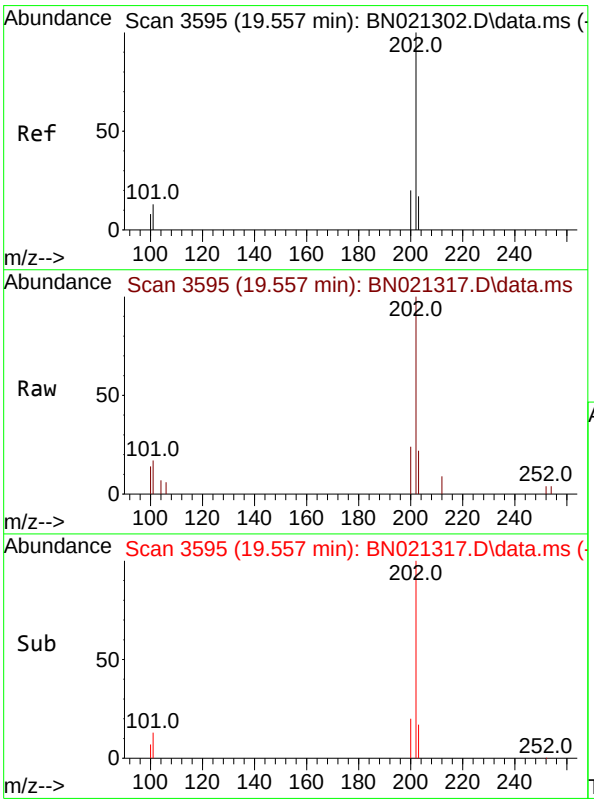
#2
1,4-Dioxane
Concen: 0.176 ng/ul
RT: 3.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Instrument :
BNA_N
ClientSampleId :
BGN70

Tgt Ion: 88 Resp: 705

Ion	Ratio	Lower	Upper
88	100		
43	50.8	31.4	47.0#
58	60.9	49.0	73.6

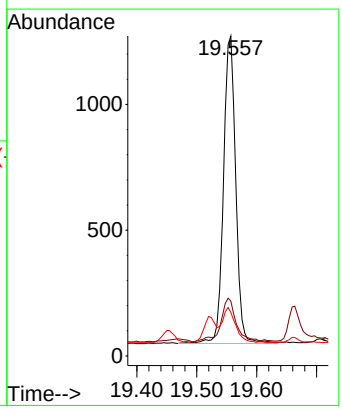


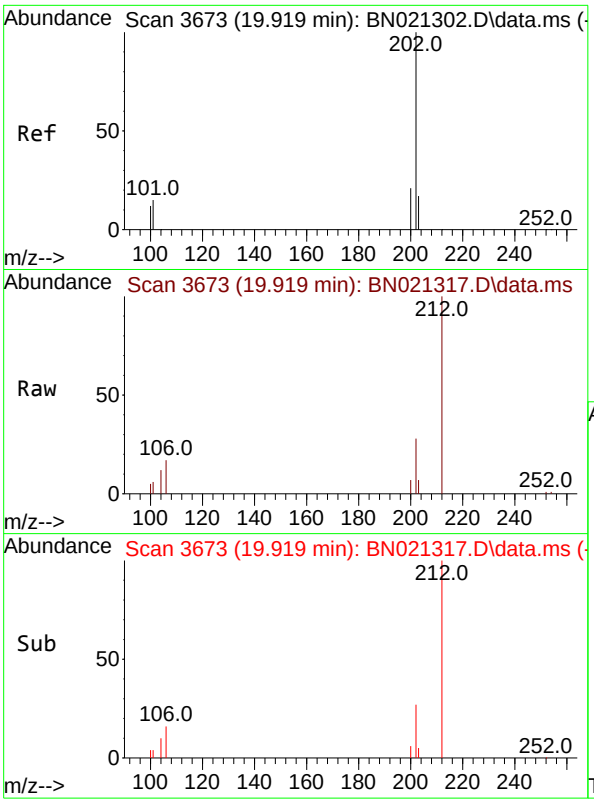


#19
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.557 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Tgt Ion:202 Resp: 1737

Ion	Ratio	Lower	Upper
202	100		
101	17.1	10.0	15.0#
100	13.6	8.0	12.0#



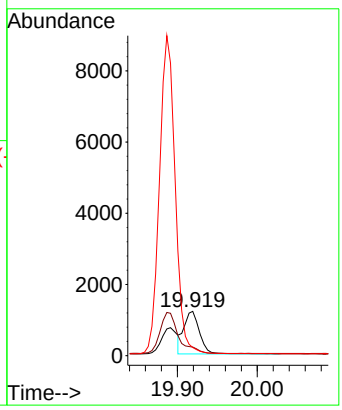


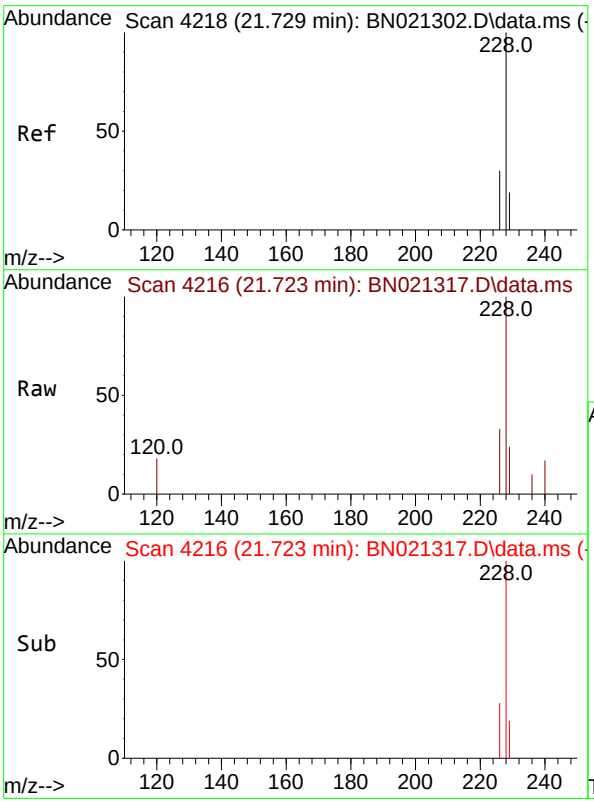
#20
Pyrene
Concen: 0.033 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Instrument :
BNA_N
ClientSampleId :
BGN70

Tgt Ion:202 Resp: 1609

Ion	Ratio	Lower	Upper
202	100		
101	19.6	11.3	16.9#
100	18.6	9.0	13.4#

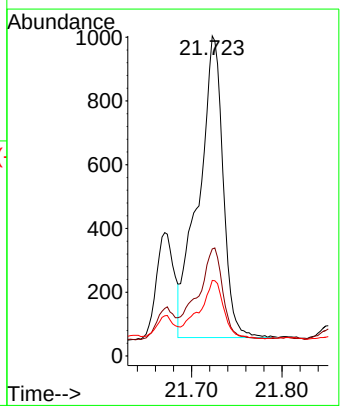


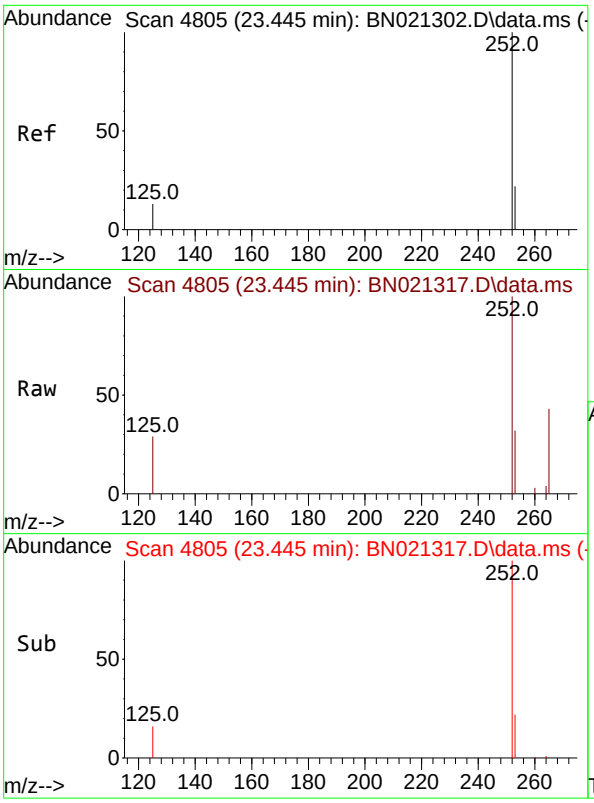


#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.723 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Tgt Ion:228 Resp: 1780

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.6	37.0
229	23.6	15.8	23.8



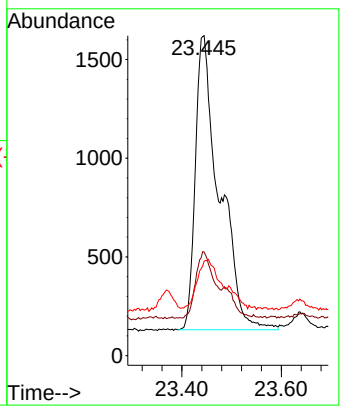


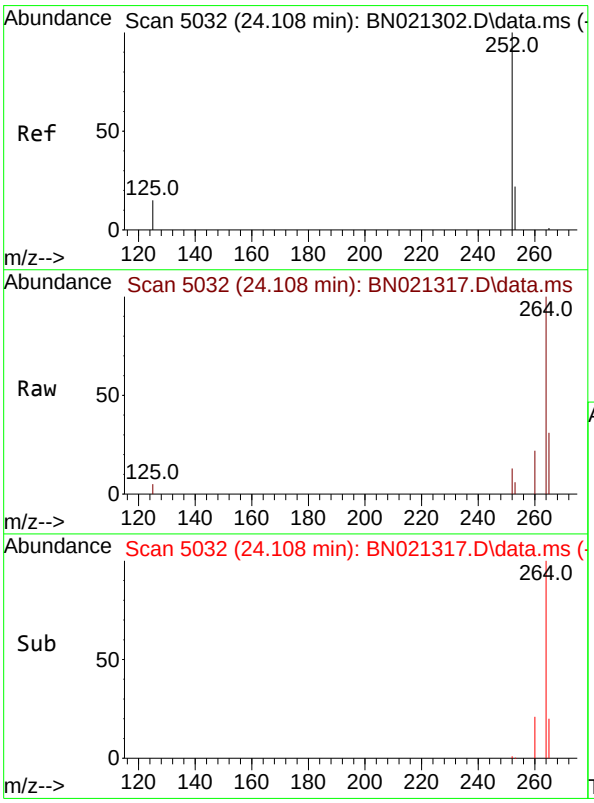
#24
Benzo(b)fluoranthene
Concen: 0.110 ng/ul
RT: 23.445 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Instrument :
BNA_N
ClientSampleId :
BGN70

Tgt Ion:252 Resp: 4998

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	50.8
125	29.5	0.0	30.0

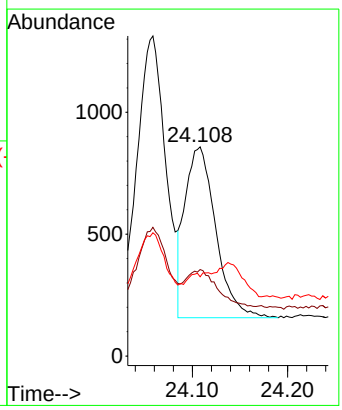


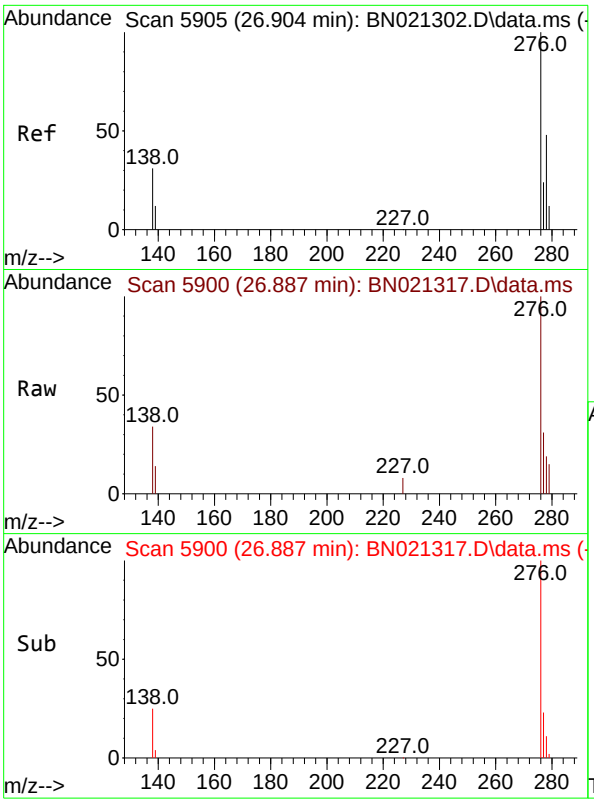


#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 24.108 min Scan# 5032
Delta R.T. -0.000 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Tgt Ion:252 Resp: 1572

Ion	Ratio	Lower	Upper
252	100		
253	41.4	22.1	33.1#
125	37.9	14.7	22.1#



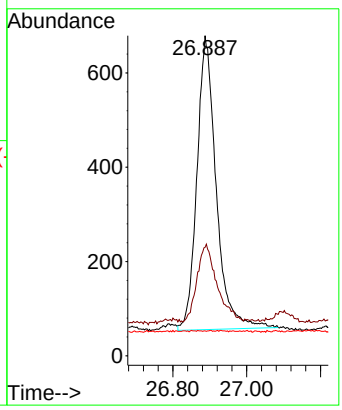


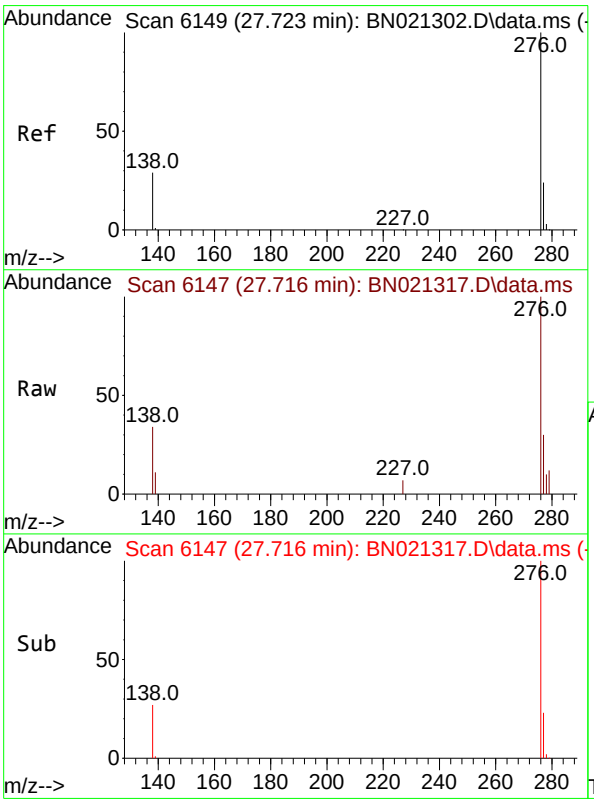
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.887 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Instrument :
BNA_N
ClientSampleId :
BGN70

Tgt Ion:276 Resp: 2252

Ion	Ratio	Lower	Upper
276	100		
138	27.9	26.1	39.1
227	0.1	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 27.716 min Scan# 6147
Delta R.T. -0.007 min
Lab File: BN021317.D
Acq: 23 Aug 2022 02:15

Tgt Ion:276 Resp: 2746

Ion	Ratio	Lower	Upper
276	100		
138	34.5	22.6	34.0#
277	29.8	20.2	30.2