Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
Data File : BN021325.D
Acq On : 23 Aug 2022 12:04
Operator : CG/JU
Sample : N4181-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X3C28

Quant Time: Aug 23 12:32:10 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	2632	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	7992	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4216	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	8918	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	7564	0.400	ng/ul	# 0.00
23) Perylene-d12	24.220	264	6047	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2098	0.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4287	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.525	212	8492	0.364	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	19500	0.771	ng/ul	97
10) Acenaphthylene	14.472	152	14357	0.660	ng/ul	98
11) Acenaphthene	14.809	153	11436	0.686	ng/ul	98
12) Fluorene	15.795	166	15351	0.825	ng/ul	99
14) Pentachlorophenol	17.143	266	1591	1.615	ng/ul	99
15) Phenanthrene	17.540	178	21482	0.650	ng/ul	99
16) Anthracene	17.633	178	10889	0.411	ng/ul	99
20) Pyrene	19.915	202	48551	1.353	ng/ul	96
21) Benzo(a)anthracene	21.671	228	19294	0.736	ng/ul	99
22) Chrysene	21.723	228	32400	0.961	ng/ul	98
25) Benzo(k)fluoranthene	23.492	252	13258	0.474	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.888	276	22080	0.768	ng/ul	90
29) Benzo(g,h,i)perylene	27.713	276	27482	0.963	ng/ul	98

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

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Acq On : 23 Aug 2022 12:04
Operator : CG/JU
Sample : N4181-03
Misc :
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Instrument :
BNA_N
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X3C28

Quant Time: Aug 23 12:32:10 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
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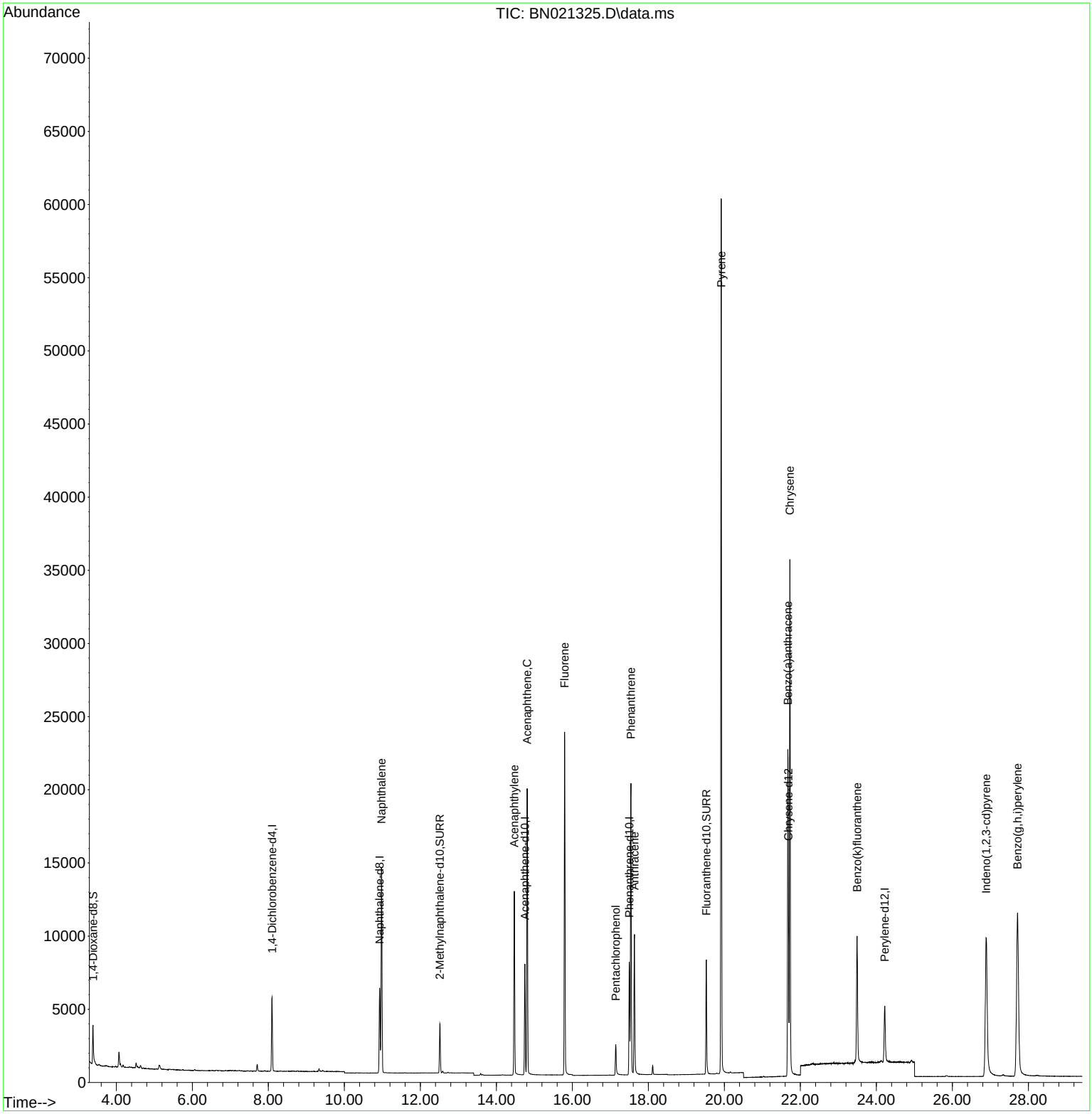
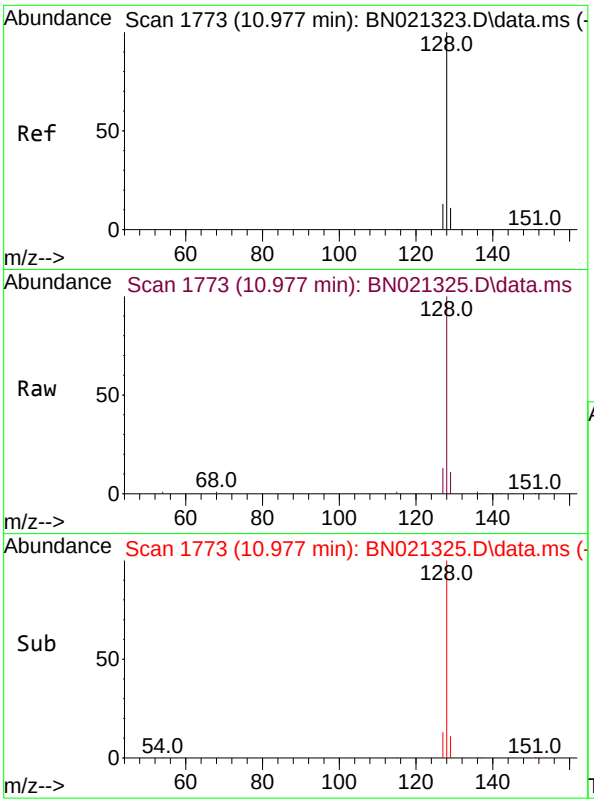


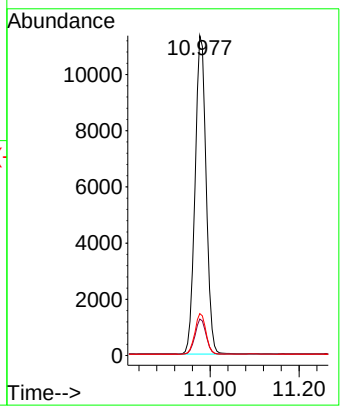


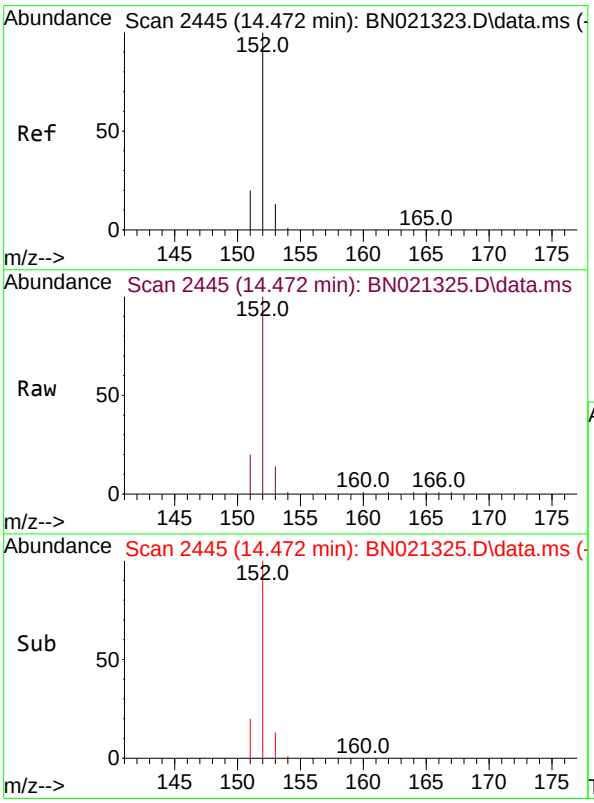
#5
Naphthalene
Concen: 0.771 ng/ul
RT: 10.977 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:128 Resp: 19500

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.1	11.6	17.4

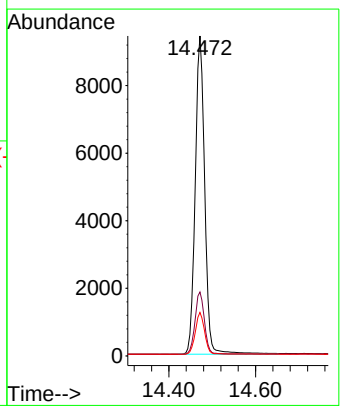


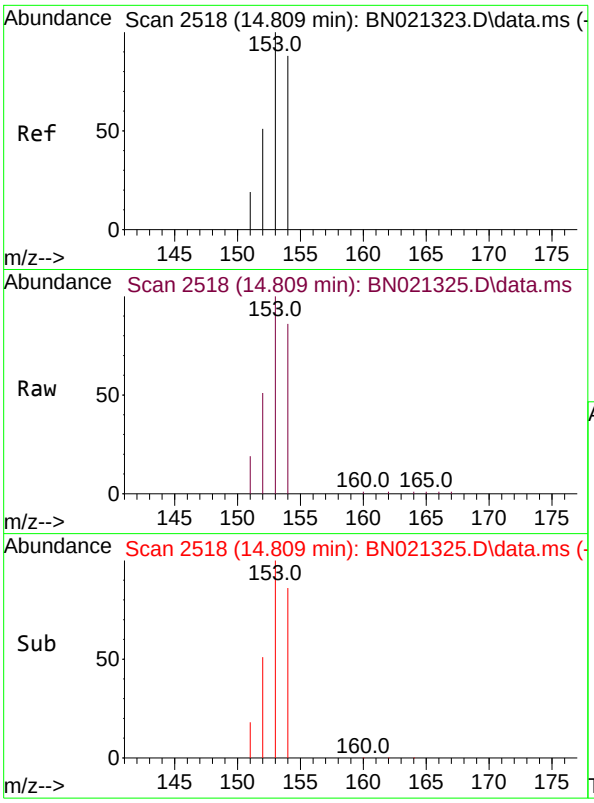


#10
Acenaphthylene
Concen: 0.660 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:152 Resp: 14357

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.6	11.2	16.8





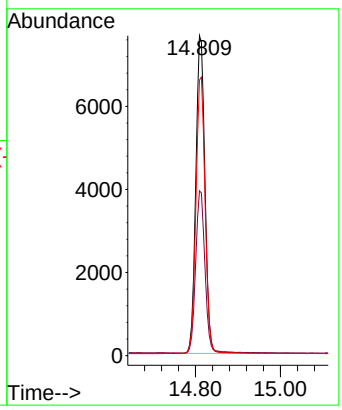
#11
Acenaphthene
Concen: 0.686 ng/ul
RT: 14.809 min Scan# 2

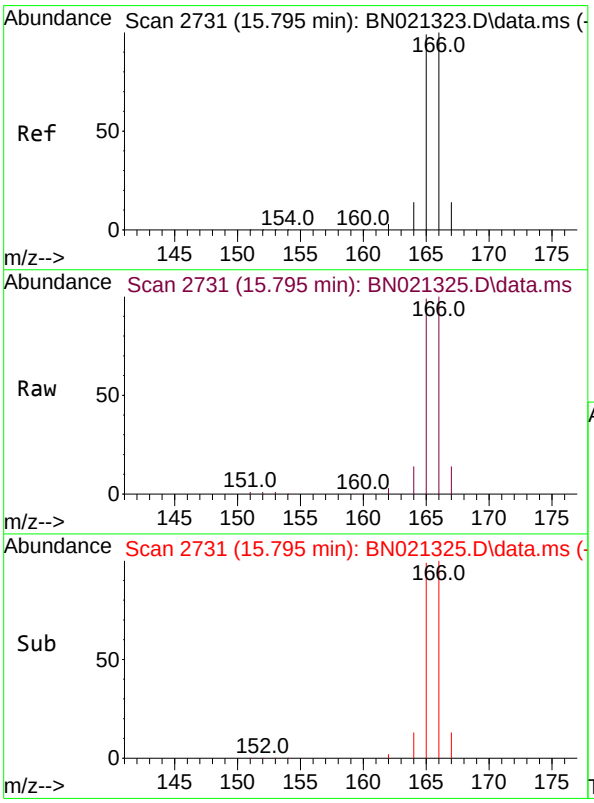
Instrument :
BNA_N
ClientSampleId :
X3C28

Delta R.T. -0.004 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:153 Resp: 11436

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.2	60.4
154	86.1	70.7	106.1

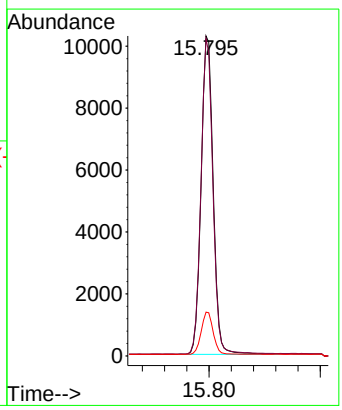


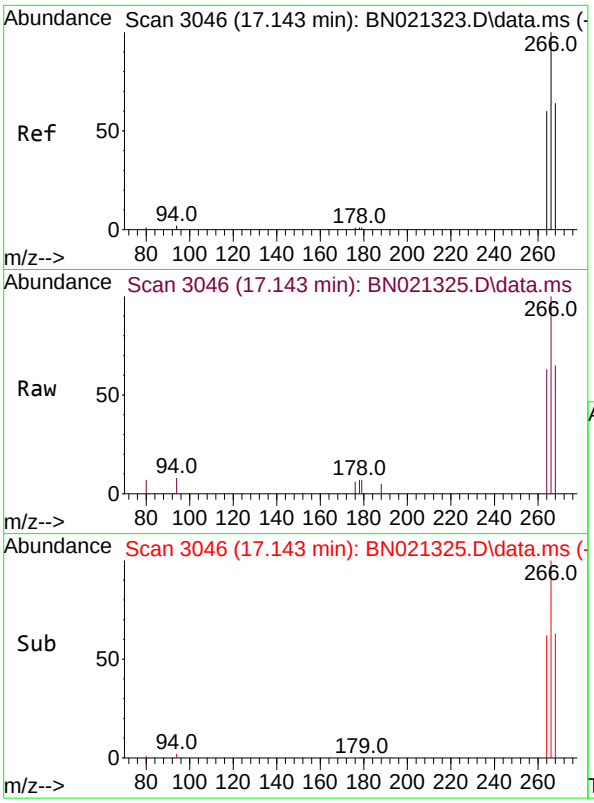


#12
Fluorene
Concen: 0.825 ng/ul
RT: 15.795 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:166 Resp: 15351

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.7	11.8	17.6



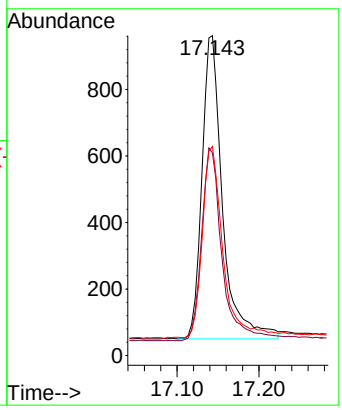


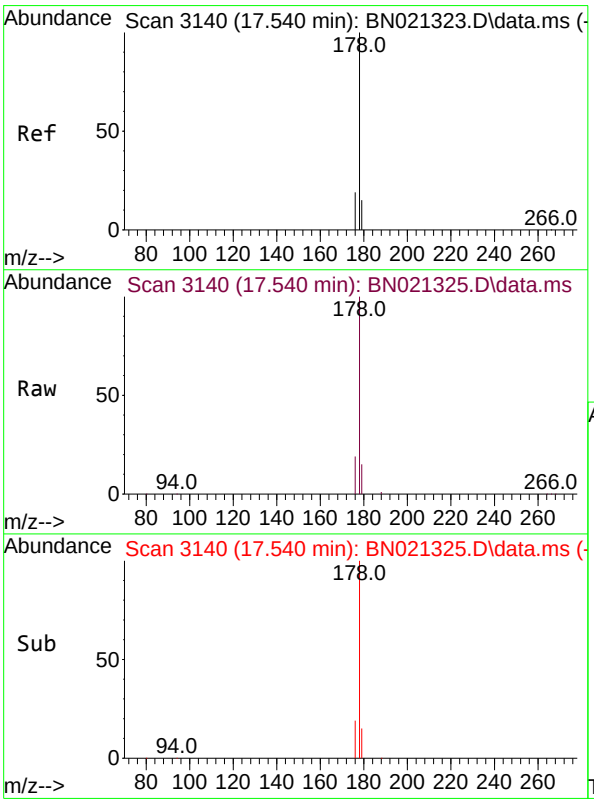
#14
Pentachlorophenol
Concen: 1.615 ng/ul
RT: 17.143 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:266 Resp: 1591

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.8
268	63.2	50.6	75.8

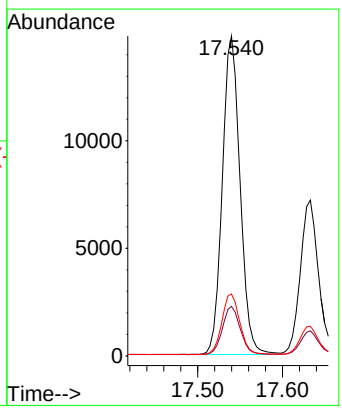


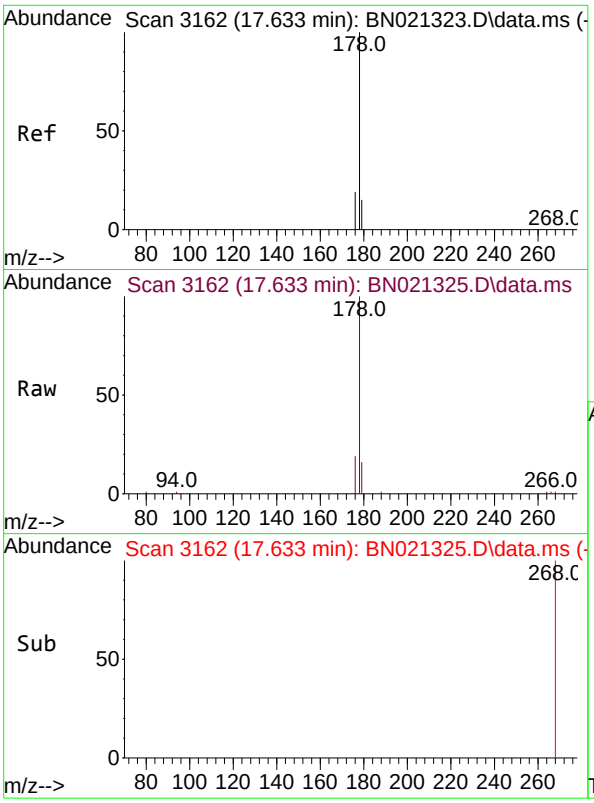


#15
Phenanthrene
Concen: 0.650 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:178 Resp: 21482

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.3	15.9	23.9



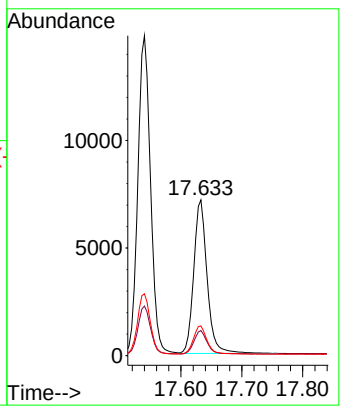


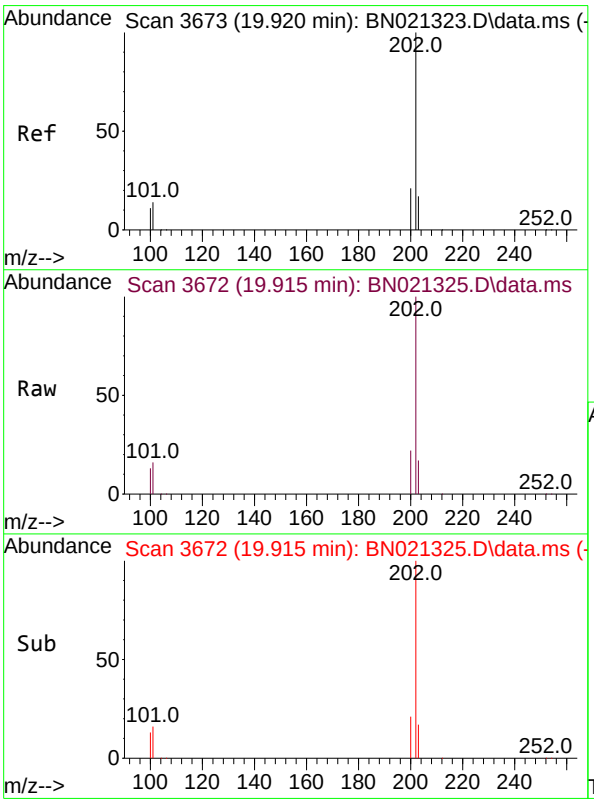
#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:178 Resp: 10889

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.0	15.9	23.9

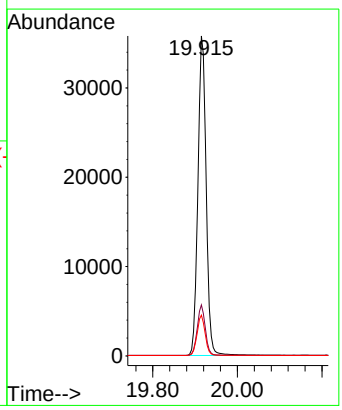


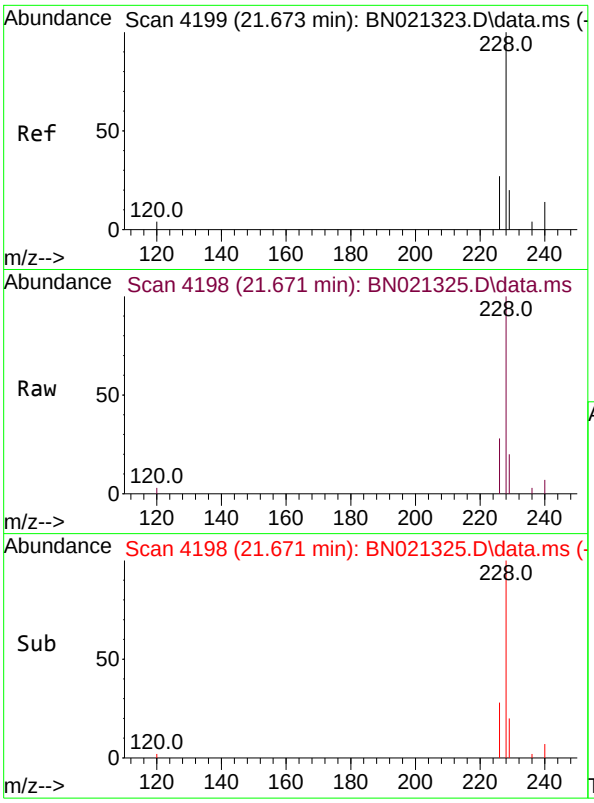


#20
Pyrene
Concen: 1.353 ng/ul
RT: 19.915 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:202 Resp: 48551

Ion	Ratio	Lower	Upper
202	100		
101	15.9	11.3	16.9
100	12.7	9.0	13.4



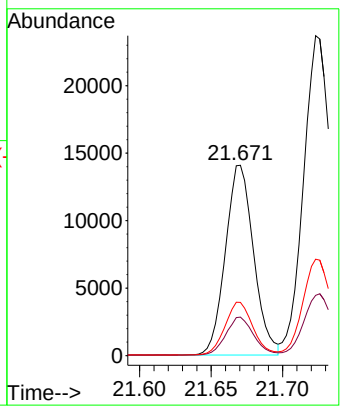


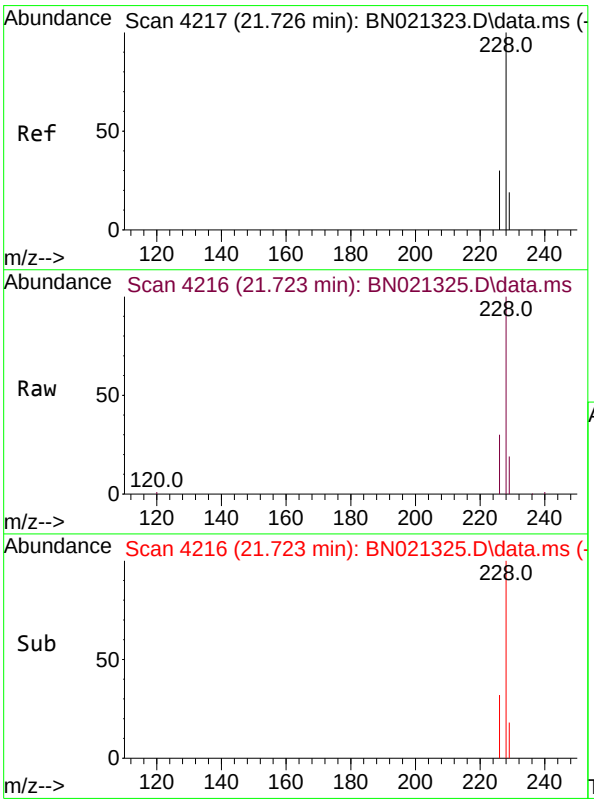
#21
Benzo(a)anthracene
Concen: 0.736 ng/ul
RT: 21.671 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:228 Resp: 19294

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.9	21.9	32.9

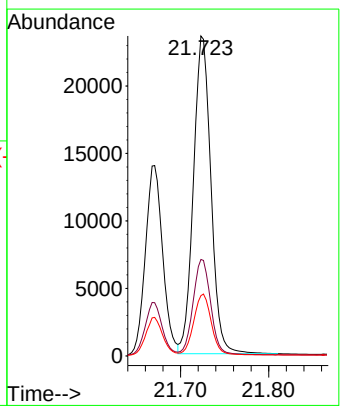


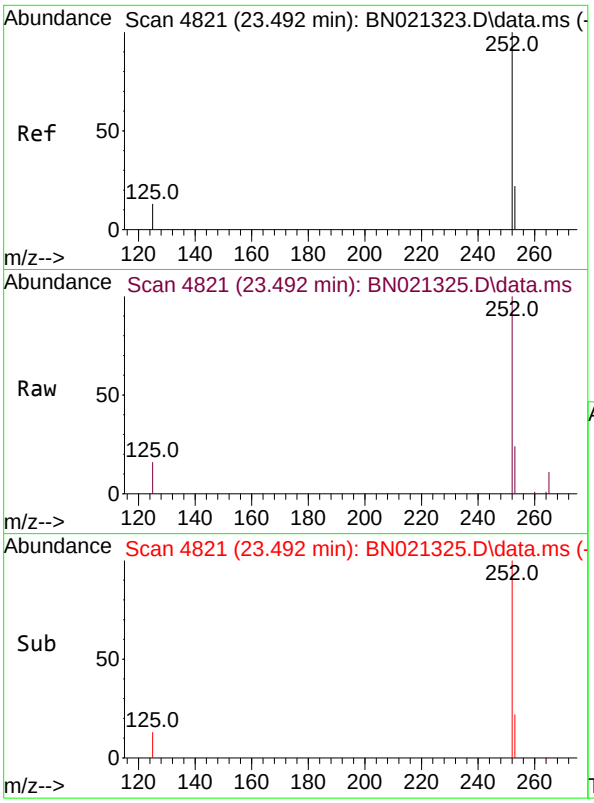


#22
Chrysene
Concen: 0.961 ng/ul
RT: 21.723 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:228 Resp: 32400

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	18.8	15.8	23.8



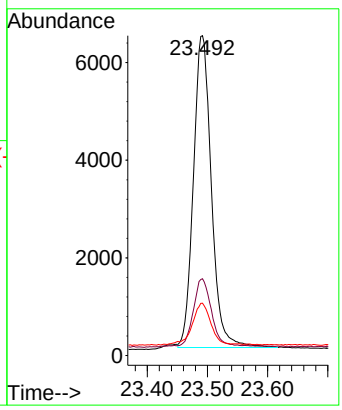


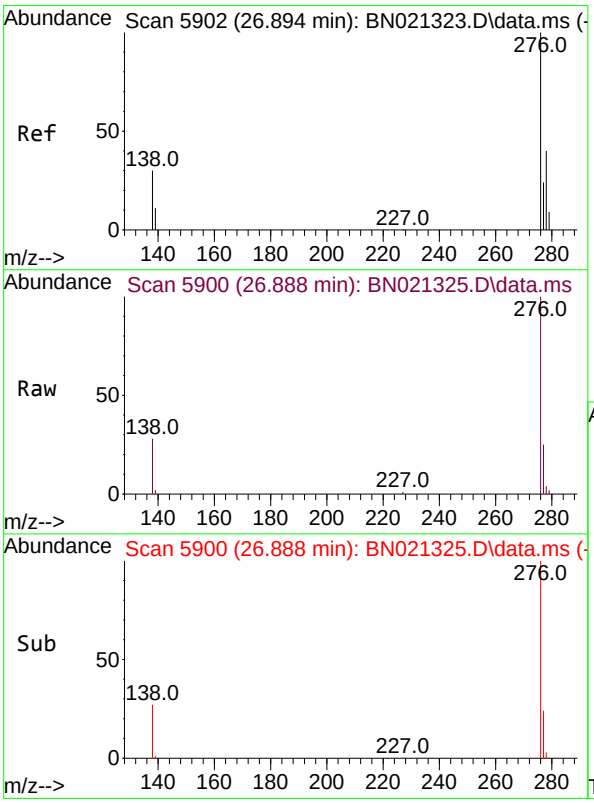
#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul
RT: 23.492 min Scan# 48
Delta R.T. -0.006 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:252 Resp: 13258

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.6	31.0
125	16.4	11.8	17.6

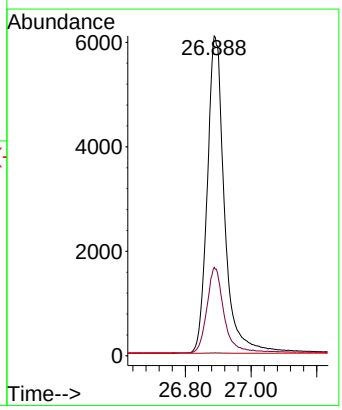


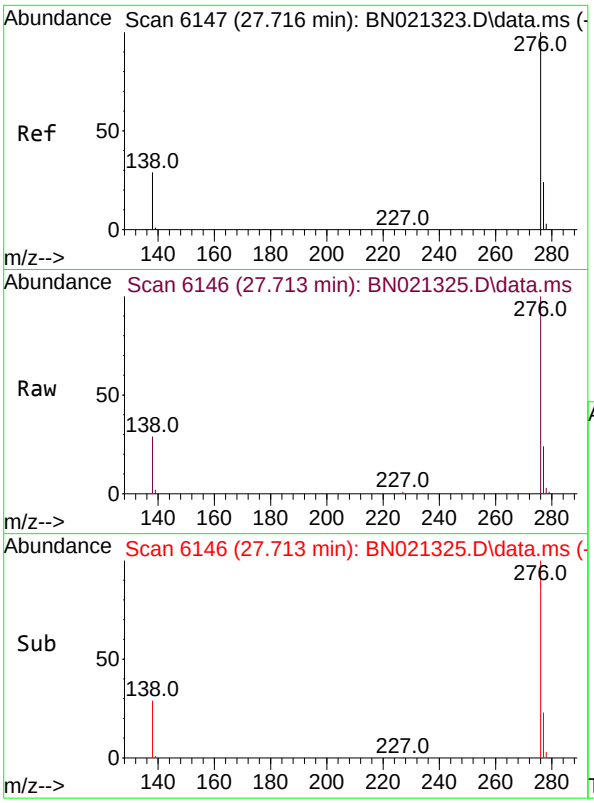


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.768 ng/ul
RT: 26.888 min Scan# 5900
Delta R.T. -0.017 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Tgt Ion:276 Resp: 22080

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.1	39.1
227	0.1	0.1	0.1





#29
Benzo(g,h,i)perylene
Concen: 0.963 ng/ul
RT: 27.713 min Scan# 61
Delta R.T. -0.010 min
Lab File: BN021325.D
Acq: 23 Aug 2022 12:04

Instrument :
BNA_N
ClientSampleId :
X3C28

Tgt Ion:276 Resp: 27482

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	34.0
277	23.8	20.2	30.2