Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
Data File : BN021326.D
Acq On : 23 Aug 2022 13:01
Operator : CG/JU
Sample : N4181-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X3C33

Quant Time: Aug 23 13:28:24 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	8.093	152	2789	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8861	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	10107	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	9493	0.400	ng/ul	# 0.00
23) Perylene-d12	24.225	264	8221	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1394	0.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	3484	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	10363	0.354	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	22995	0.820	ng/ul	97
10) Acenaphthylene	14.472	152	8547	0.353	ng/ul	99
11) Acenaphthene	14.814	153	8626	0.465	ng/ul	99
12) Fluorene	15.799	166	7711	0.372	ng/ul	99
14) Pentachlorophenol	17.143	266	498	0.446	ng/ul	98
15) Phenanthrene	17.540	178	16230	0.433	ng/ul	100
16) Anthracene	17.633	178	12303	0.410	ng/ul	99
19) Fluoranthene	19.557	202	21587	0.480	ng/ul	99
20) Pyrene	19.919	202	28123	0.624	ng/ul	98
21) Benzo(a)anthracene	21.673	228	19202	0.584	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	21148	0.599	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.904	276	30977	0.793	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.924	278	24345	0.758	ng/ul	94
29) Benzo(g,h,i)perylene	27.726	276	12178	0.314	ng/ul	97

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

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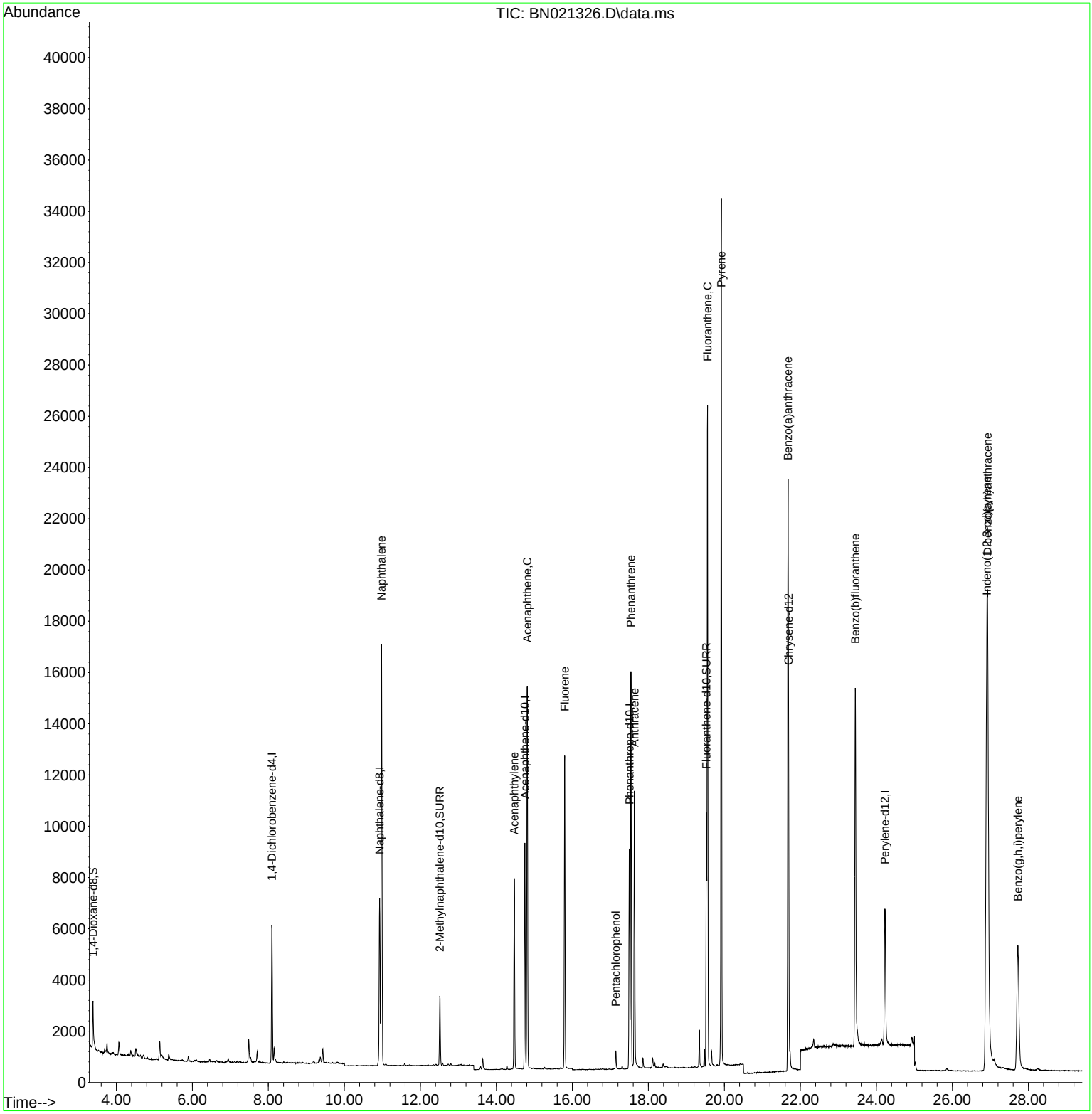
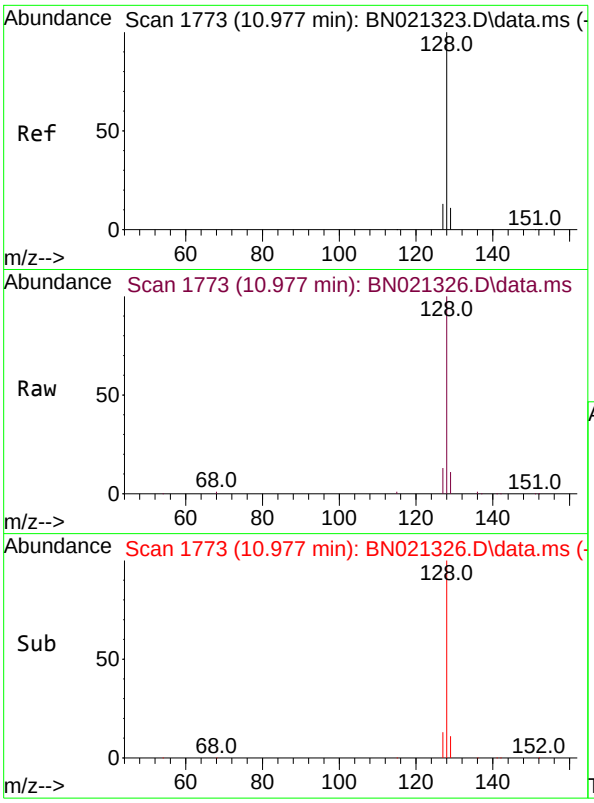


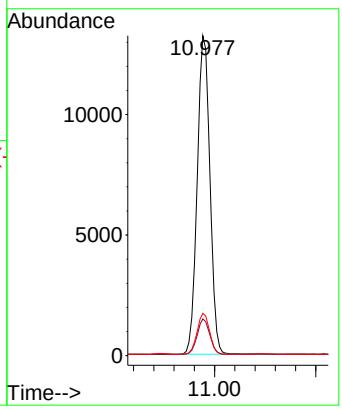


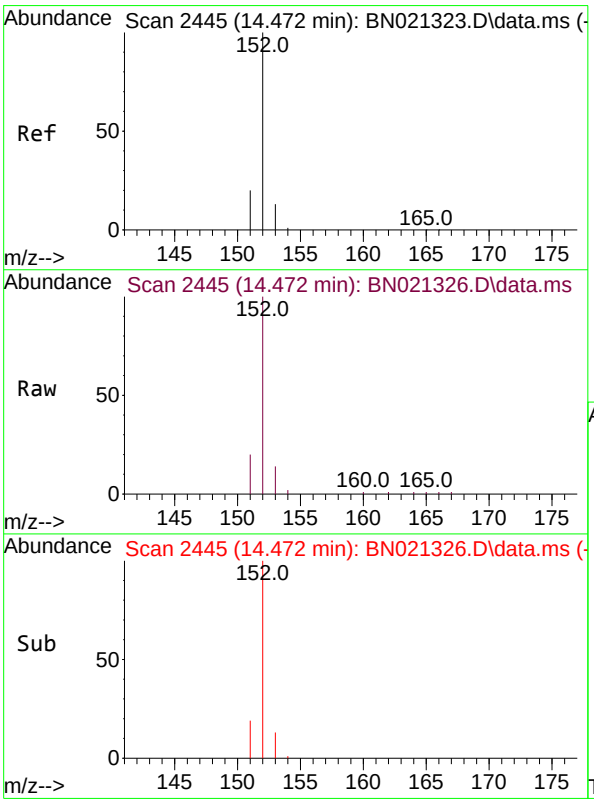
#5
Naphthalene
Concen: 0.820 ng/ul
RT: 10.977 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:128 Resp: 22995

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.2	11.6	17.4

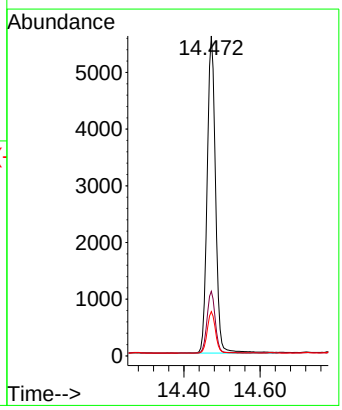


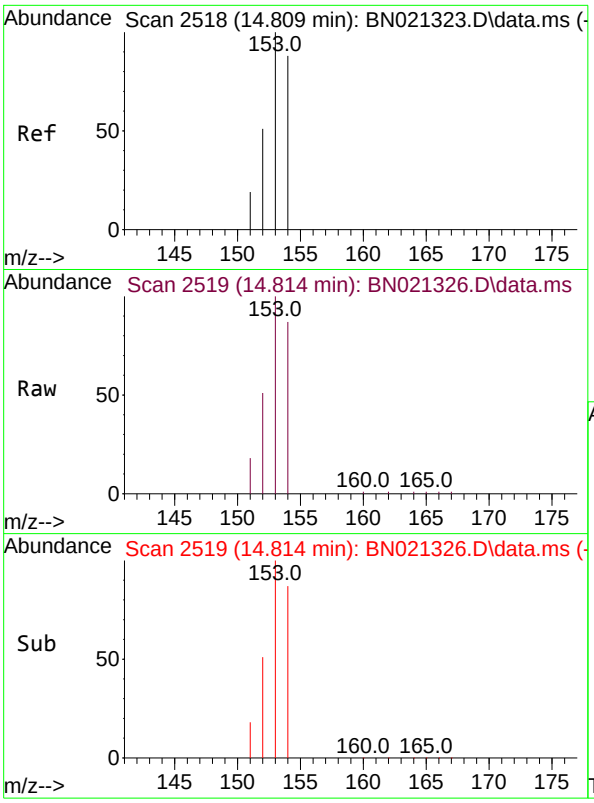


#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:152 Resp: 8547

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	13.8	11.2	16.8



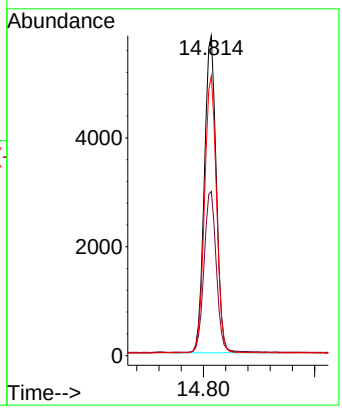


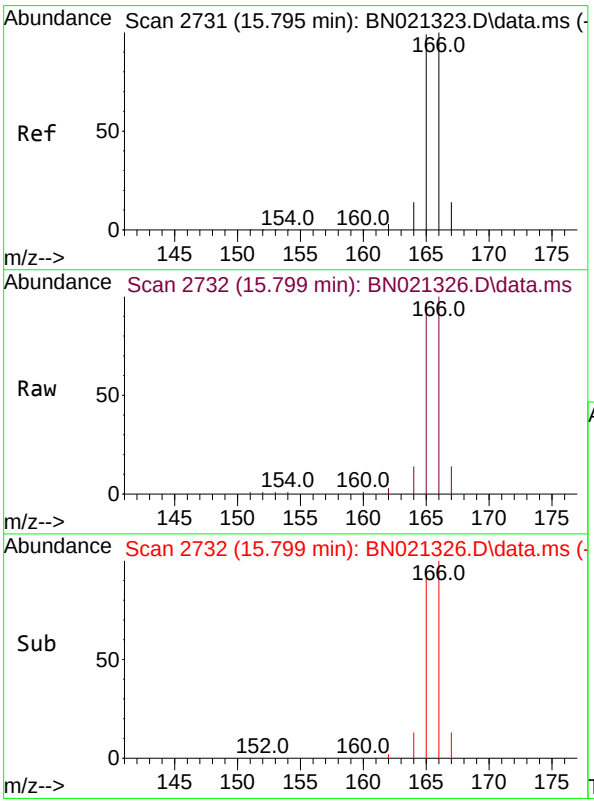
#11
Acenaphthene
Concen: 0.465 ng/ul
RT: 14.814 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:153 Resp: 8626

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.2	60.4
154	87.4	70.7	106.1

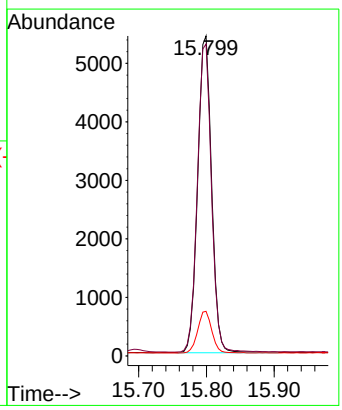


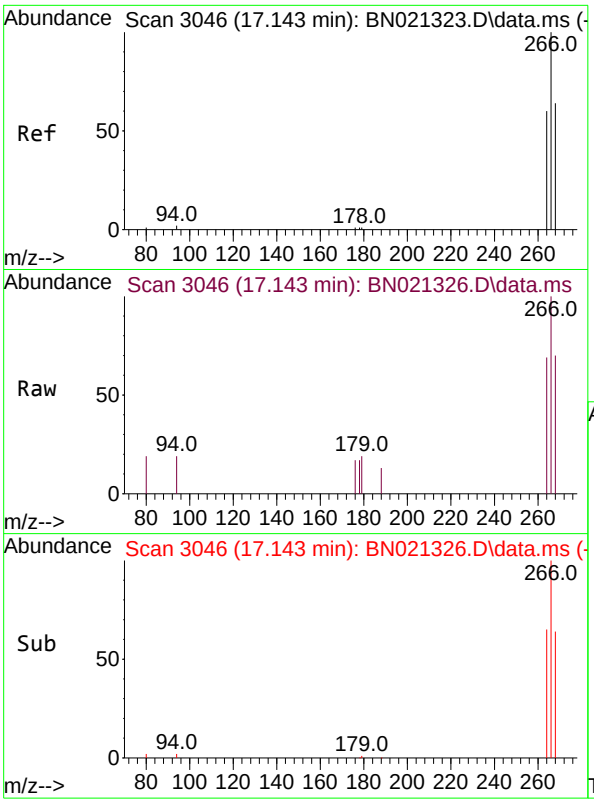


#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.799 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:166 Resp: 7711

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.9	11.8	17.6



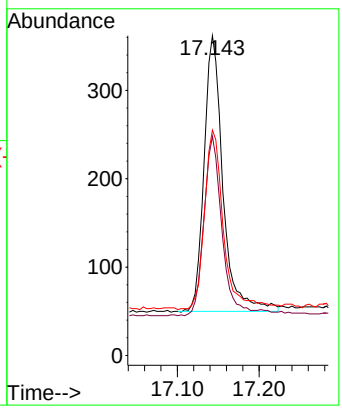


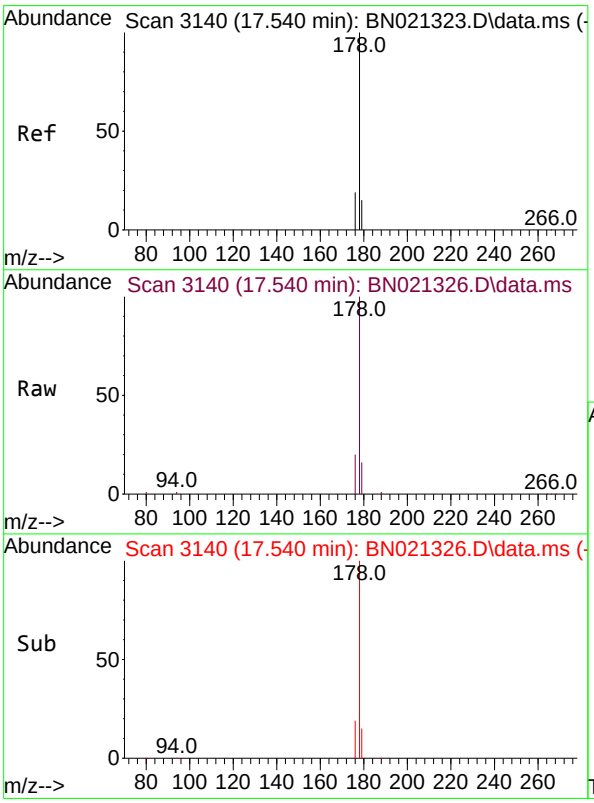
#14
Pentachlorophenol
Concen: 0.446 ng/ul
RT: 17.143 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:266 Resp: 498

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.8	74.8
268	64.9	50.6	75.8

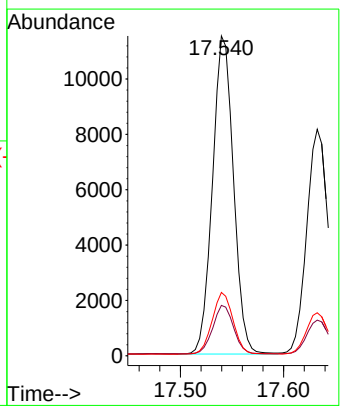


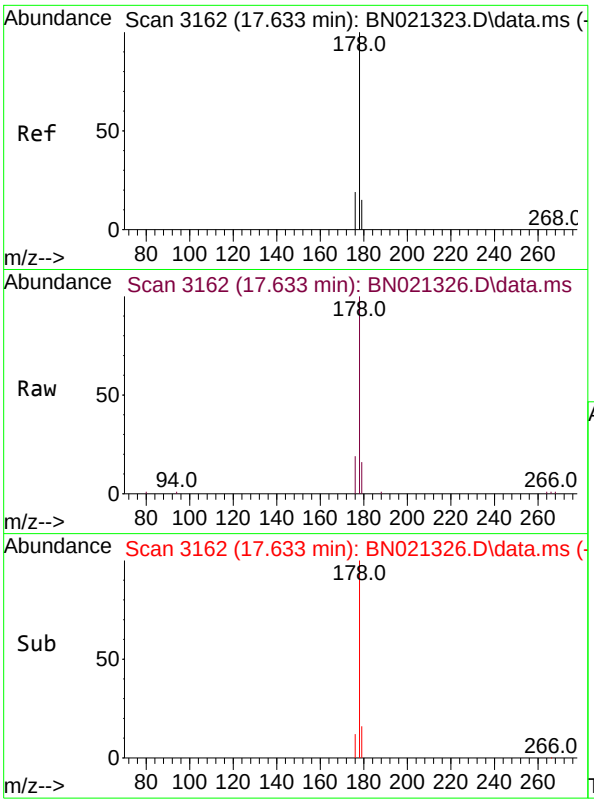


#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:178 Resp: 16230

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.8	15.9	23.9



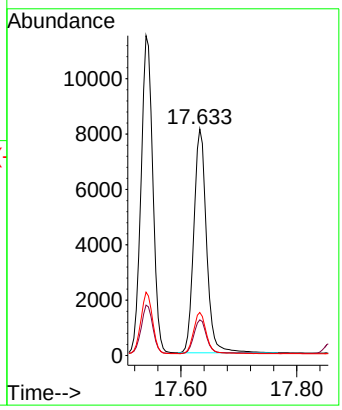


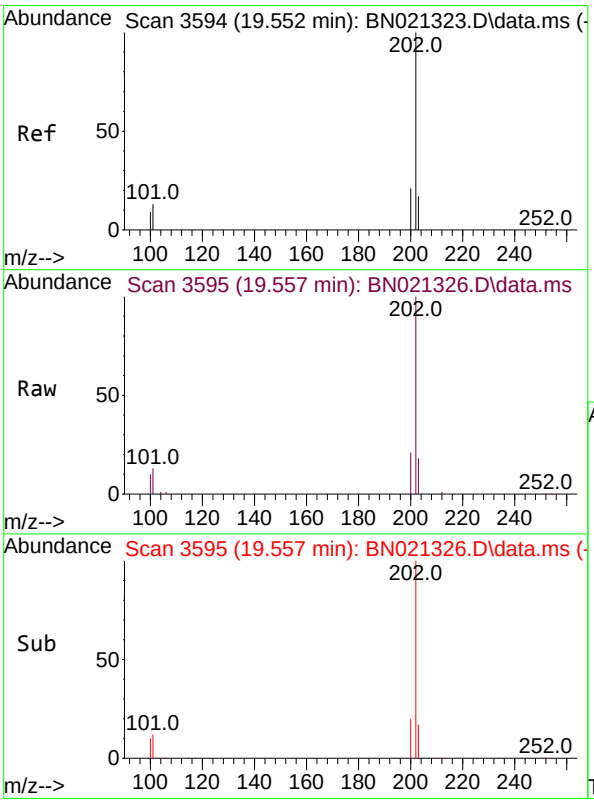
#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:178 Resp: 12303

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.1	15.9	23.9

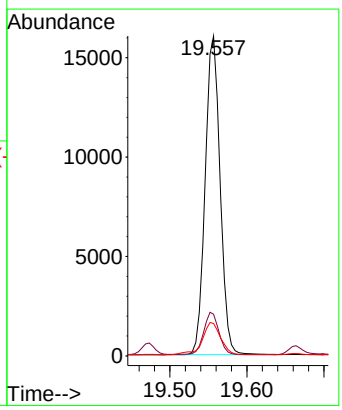


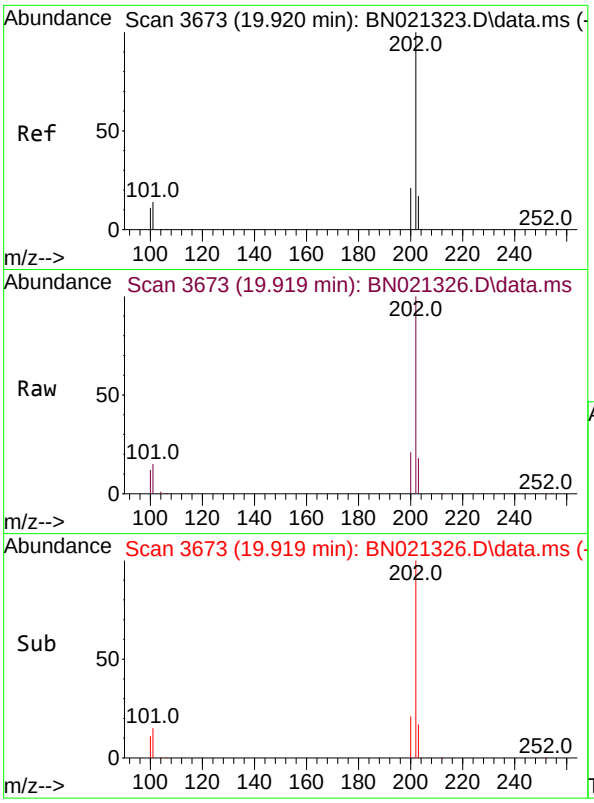


#19
Fluoranthene
Concen: 0.480 ng/ul
RT: 19.557 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:202 Resp: 21587

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.1	8.0	12.0



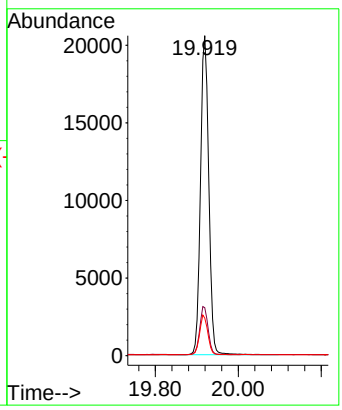


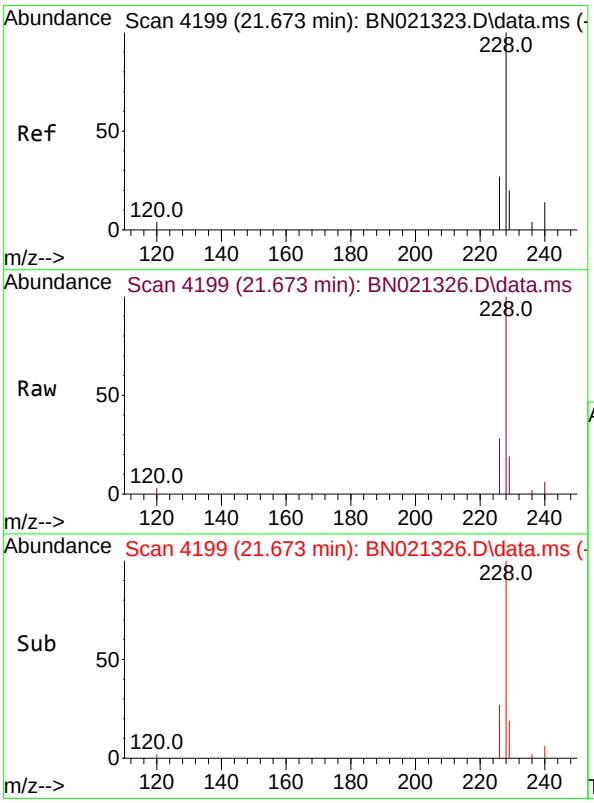
#20
Pyrene
Concen: 0.624 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:202 Resp: 28123

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	11.7	9.0	13.4

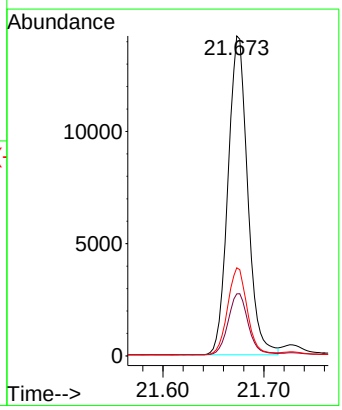


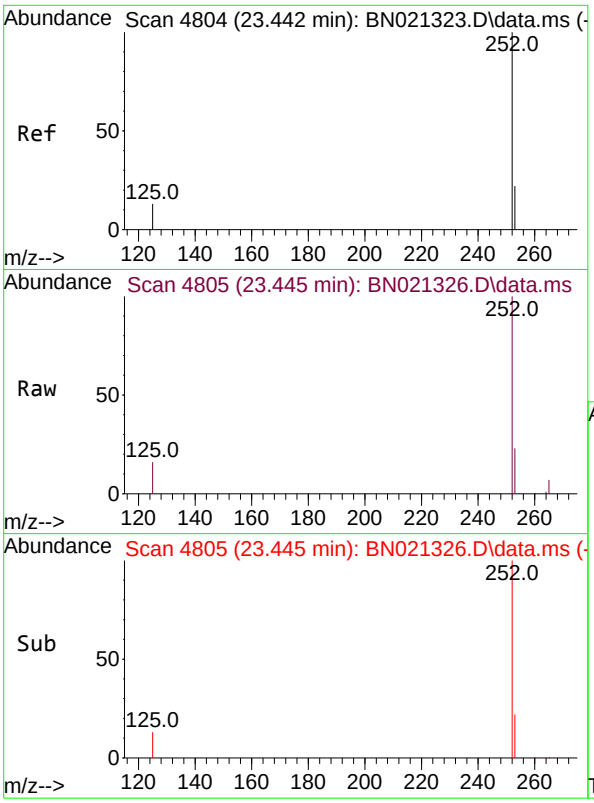


#21
Benzo(a)anthracene
Concen: 0.584 ng/ul
RT: 21.673 min Scan# 4199
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:228 Resp: 19202

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.0	24.0
226	27.5	21.9	32.9



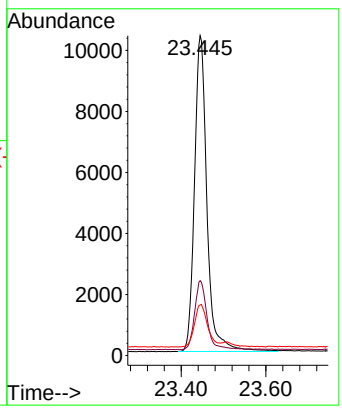


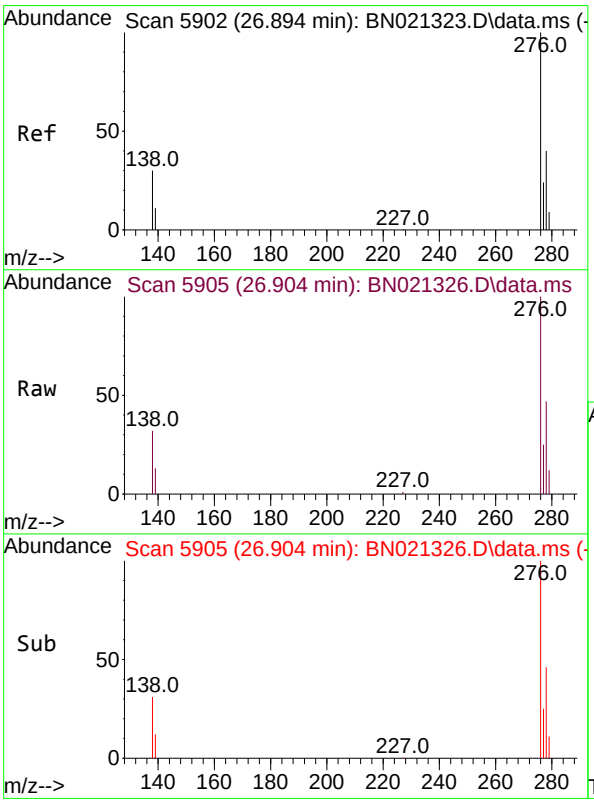
#24
Benzo(b)fluoranthene
Concen: 0.599 ng/ul
RT: 23.445 min Scan# 48
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:252 Resp: 21148

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	50.8
125	15.8	0.0	30.0

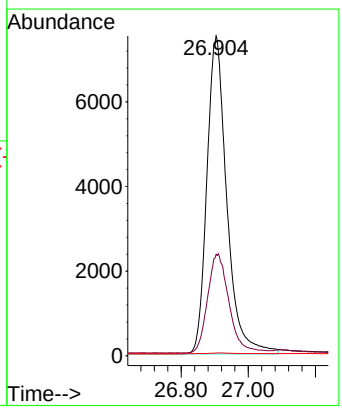


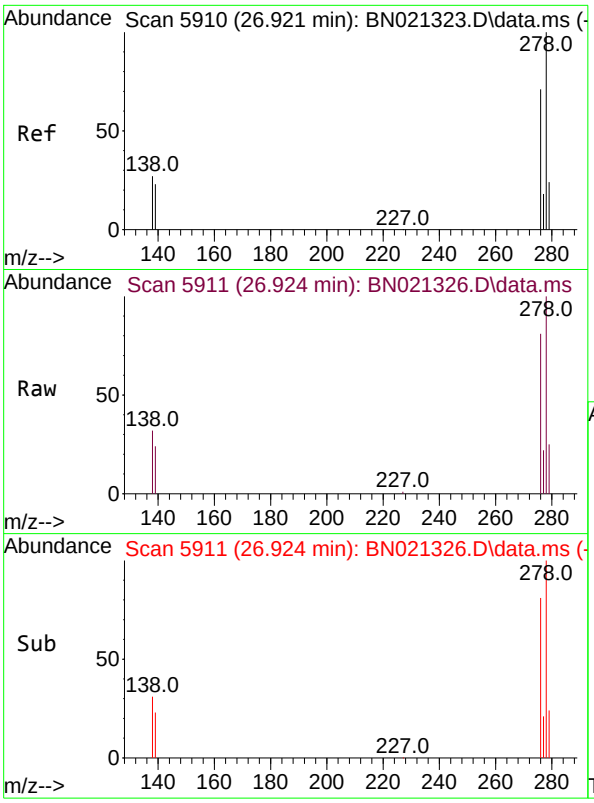


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.793 ng/ul
RT: 26.904 min Scan# 5905
Delta R.T. -0.000 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:276 Resp: 30977

Ion	Ratio	Lower	Upper
276	100		
138	33.7	26.1	39.1
227	0.3	0.1	0.1#



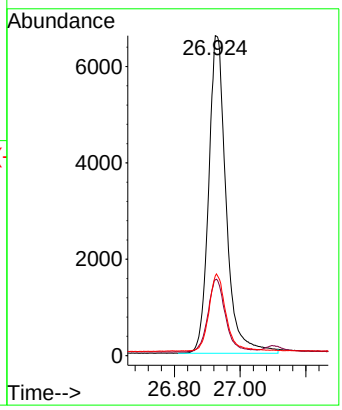


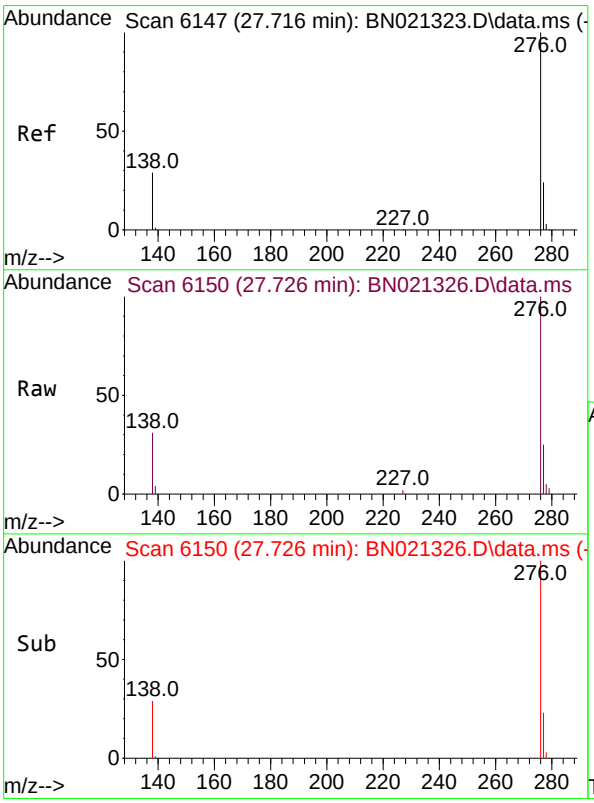
#28
Dibenzo(a,h)anthracene
Concen: 0.758 ng/ul
RT: 26.924 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Instrument :
BNA_N
ClientSampleId :
X3C33

Tgt Ion:278 Resp: 24345

Ion	Ratio	Lower	Upper
278	100		
139	23.7	18.3	27.5
279	24.9	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.726 min Scan# 6150
Delta R.T. 0.003 min
Lab File: BN021326.D
Acq: 23 Aug 2022 13:01

Tgt Ion:276 Resp: 12178

Ion	Ratio	Lower	Upper
276	100		
138	30.7	22.6	34.0
277	25.0	20.2	30.2