Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090922\
Data File : BN021658.D
Acq On : 09 Sep 2022 13:22
Operator : CG/JU
Sample : PB147557BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS557

Quant Time: Sep 10 03:58:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 14:04:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	4850	0.400	ng/ul		0.00
4) Naphthalene-d8	10.894	136	15451	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.721	164	8568	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.468	188	16887	0.400	ng/ul		0.00
17) Chrysene-d12	21.659	240	10388	0.400	ng/ul	#	0.00
23) Perylene-d12	24.173	264	6690	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.368	96	3729	0.625	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.484	152	7546	0.308	ng/ul		0.00
18) Fluoranthene-d10	19.497	212	13560	0.351	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	10016	1.637	ng/ul	#	87
5) Naphthalene	10.944	128	13581	0.312	ng/ul		98
7) 2-Methylnaphthalene	12.555	142	8711	0.308	ng/ul		98
8) 1-Methylnaphthalene	12.775	142	9148	0.315	ng/ul		99
10) Acenaphthylene	14.439	152	11665	0.324	ng/ul		99
11) Acenaphthene	14.782	153	9456	0.310	ng/ul		99
12) Fluorene	15.767	166	10586	0.310	ng/ul		100
14) Pentachlorophenol	17.118	266	1401	0.428	ng/ul		99
15) Phenanthrene	17.510	178	17062	0.320	ng/ul		99
16) Anthracene	17.603	178	13795	0.312	ng/ul		99
19) Fluoranthene	19.525	202	17574	0.362	ng/ul		97
20) Pyrene	19.887	202	17147	0.358	ng/ul	#	94
21) Benzo(a)anthracene	21.641	228	11434	0.329	ng/ul		99
22) Chrysene	21.697	228	13535	0.357	ng/ul		99
24) Benzo(b)fluoranthene	23.398	252	11481	0.354	ng/ul		96
25) Benzo(k)fluoranthene	23.451	252	10608	0.337	ng/ul		97
26) Benzo(a)pyrene	24.062	252	9390	0.382	ng/ul		95
27) Indeno(1,2,3-cd)pyrene	26.821	276	10157	0.367	ng/ul	#	96
28) Dibenzo(a,h)anthracene	26.847	278	8034	0.342	ng/ul		96
29) Benzo(g,h,i)perylene	27.639	276	9279	0.364	ng/ul		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090922\
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Quant Time: Sep 10 03:58:06 2022
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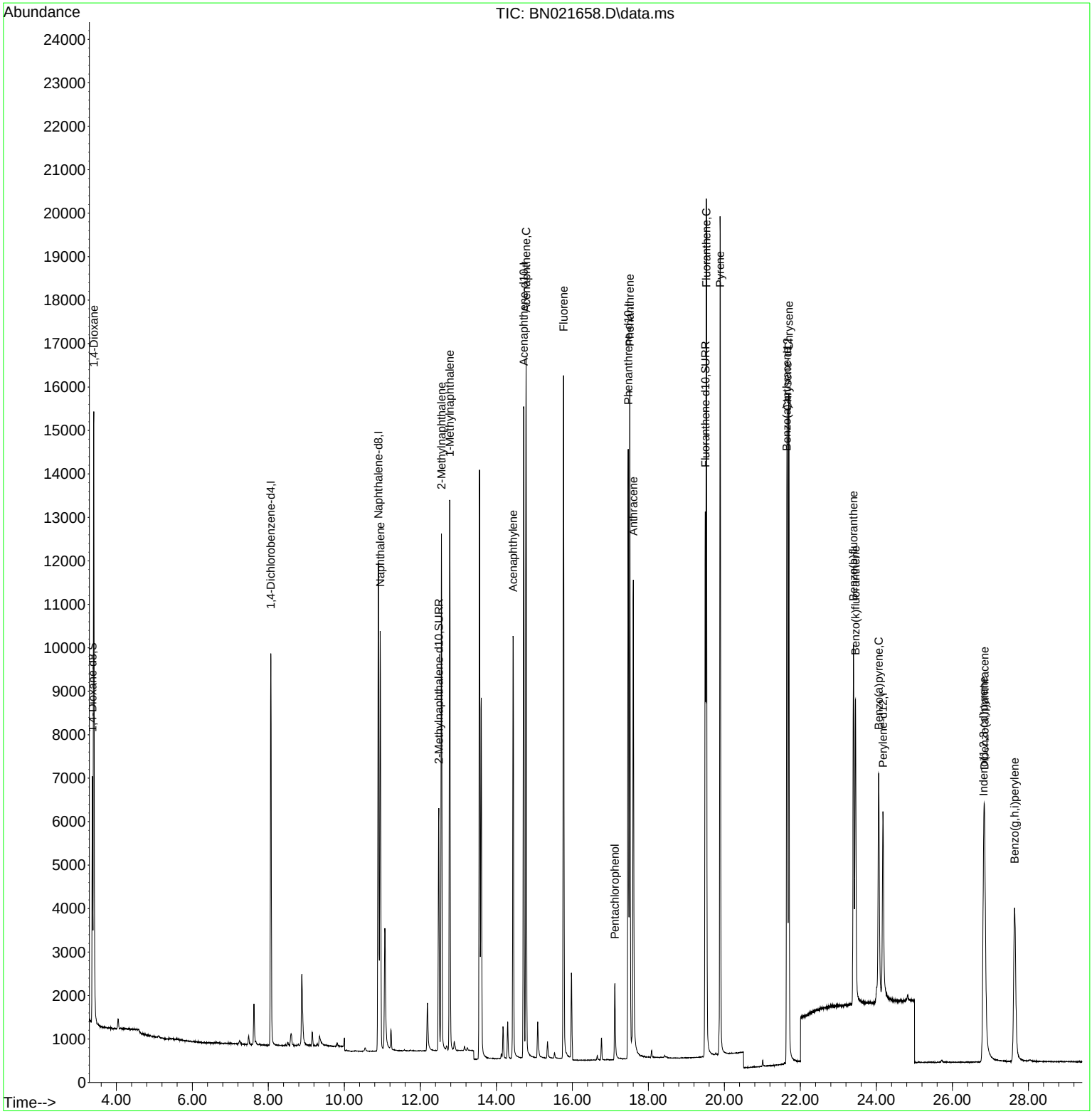
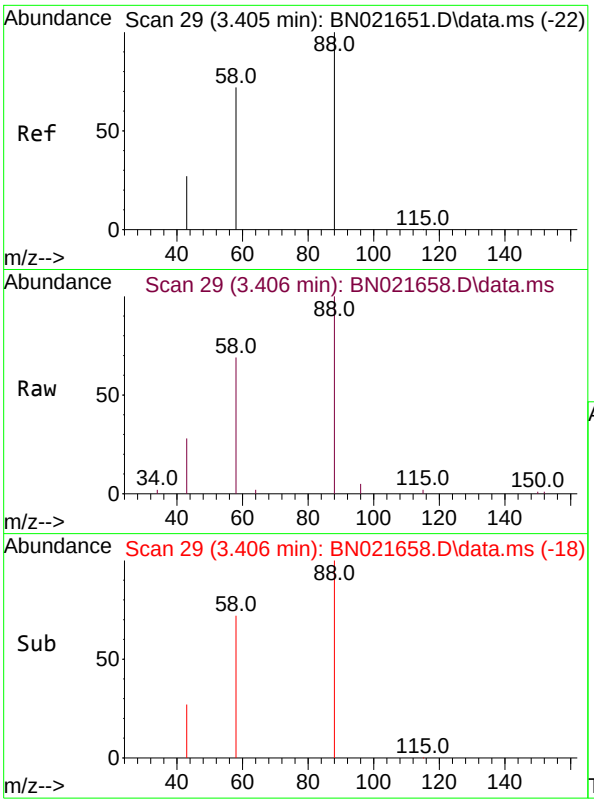
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 14:04:47 2022
Response via : Initial Calibration



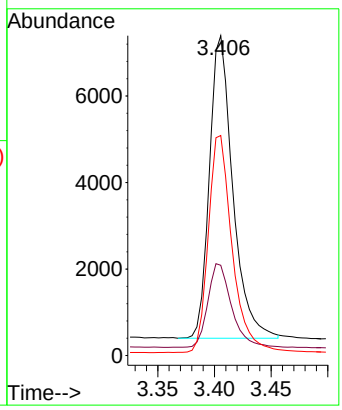


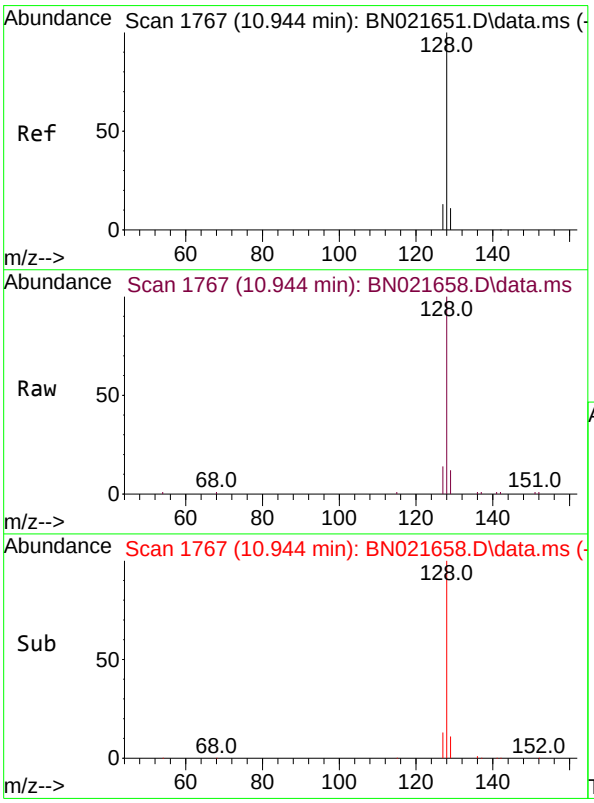
#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 3.406 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion: 88 Resp: 10016

Ion	Ratio	Lower	Upper
88	100		
43	28.2	31.4	47.0#
58	68.8	49.0	73.6

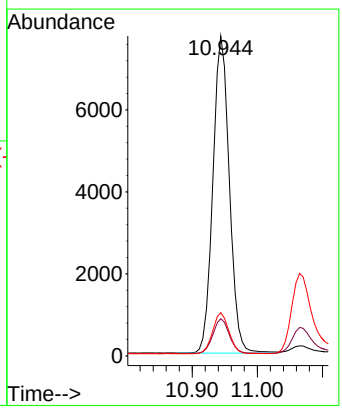


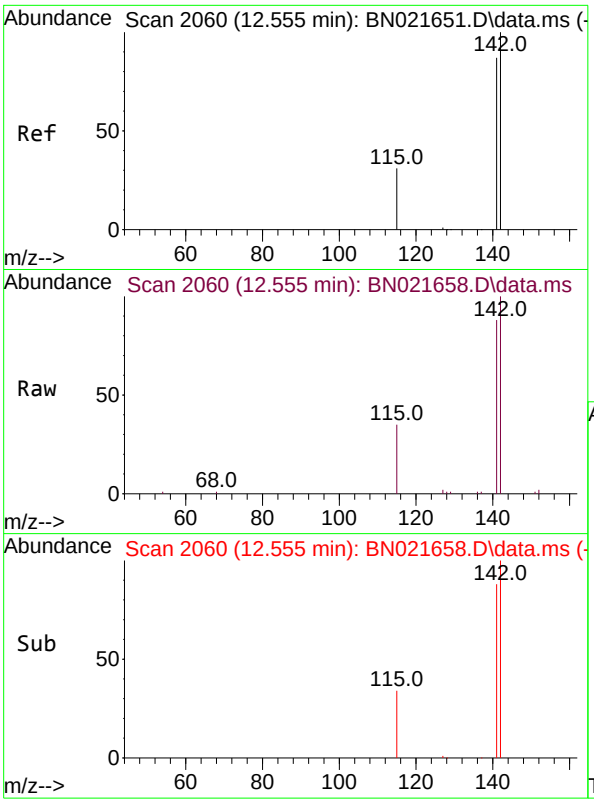


#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:128 Resp: 13581

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.5	11.6	17.4



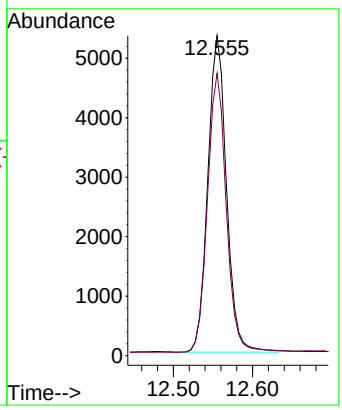


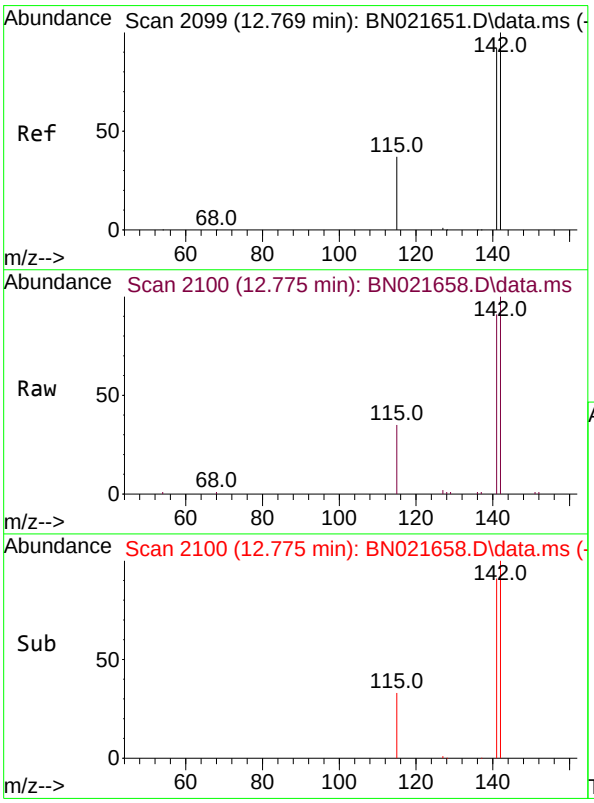
#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.555 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:142 Resp: 8711

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.2

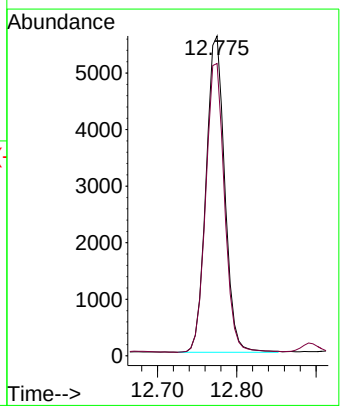


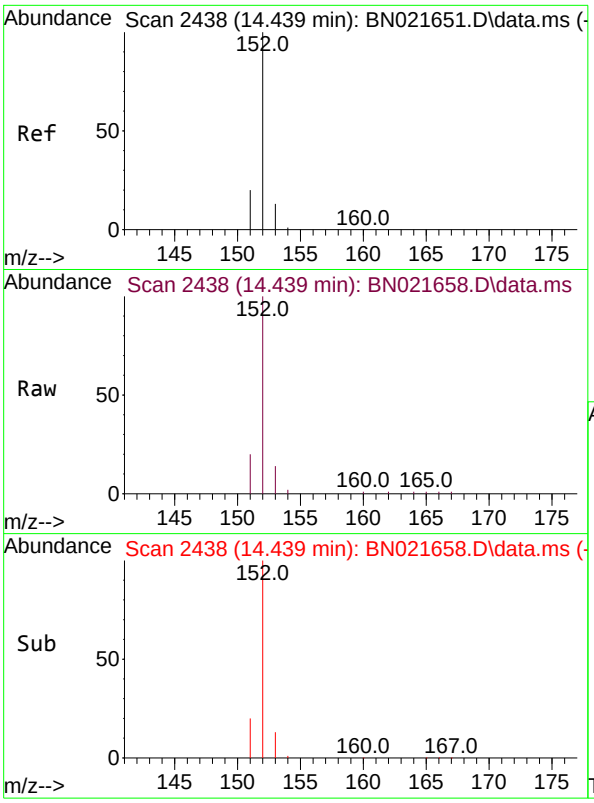


#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:142 Resp: 9148

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



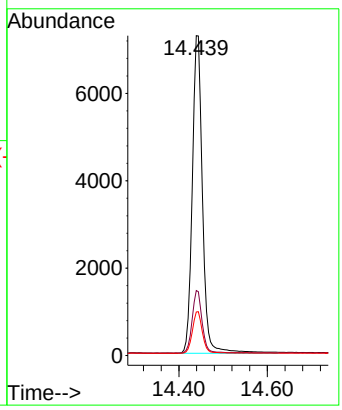


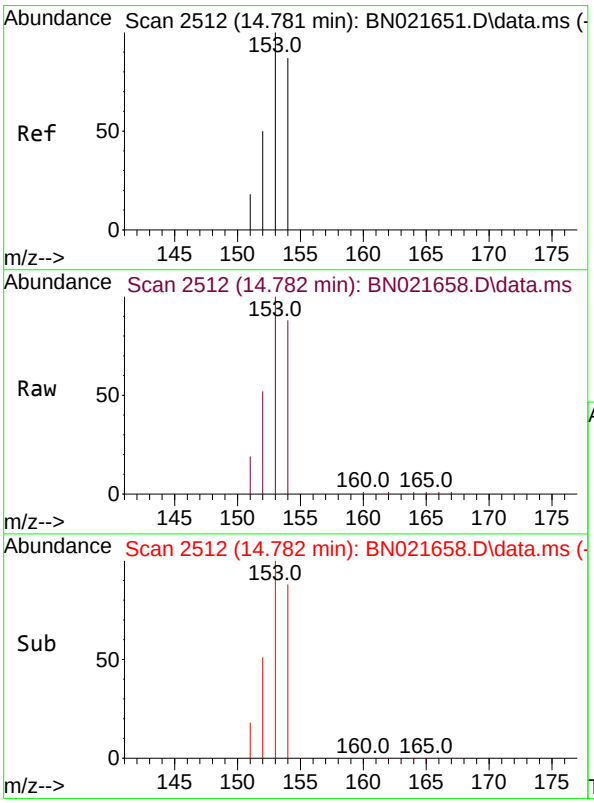
#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.439 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:152 Resp: 11665

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.6	11.2	16.8

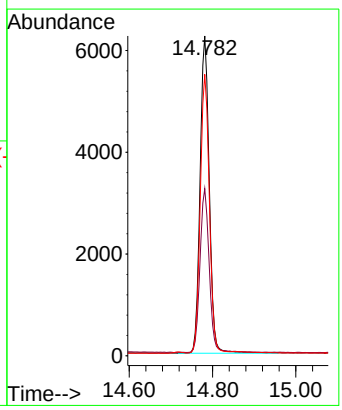


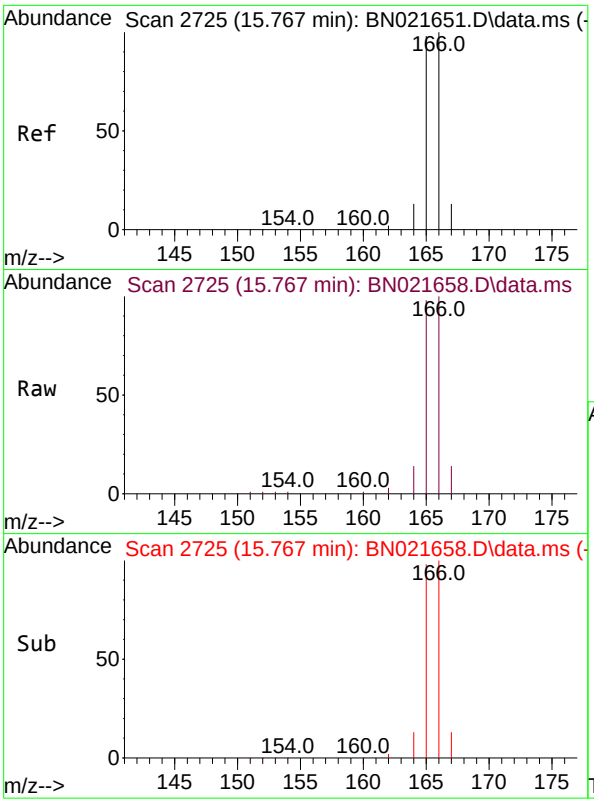


#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.782 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:153 Resp: 9456

Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.2	60.4
154	88.0	70.7	106.1



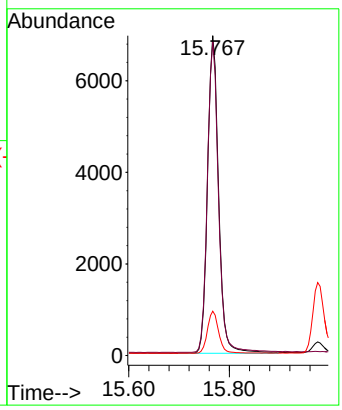


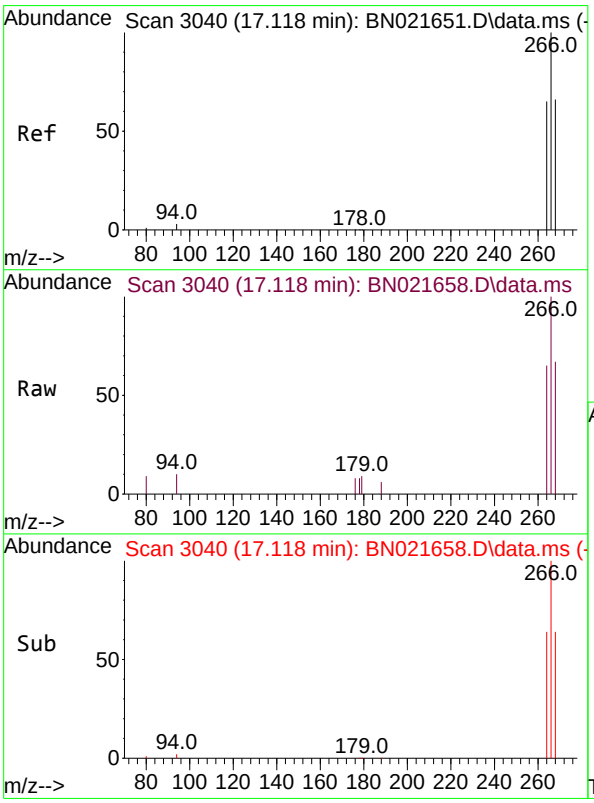
#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.767 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:166 Resp: 10586

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.9	11.8	17.6

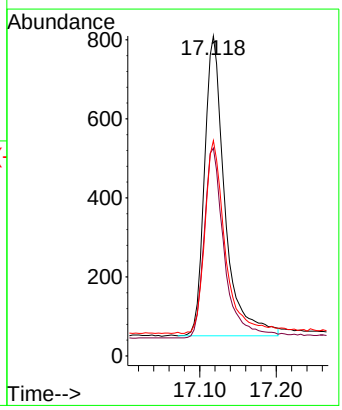


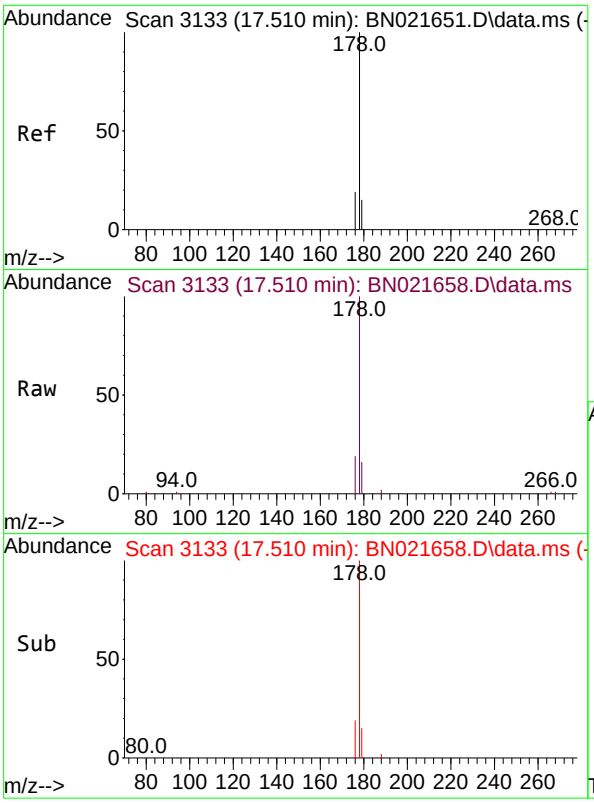


#14
Pentachlorophenol
Concen: 0.428 ng/ul
RT: 17.118 min Scan# 3040
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:266 Resp: 1401

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	64.2	50.6	75.8



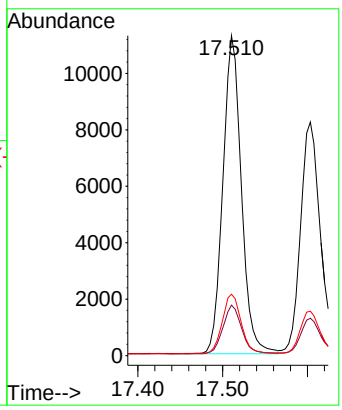


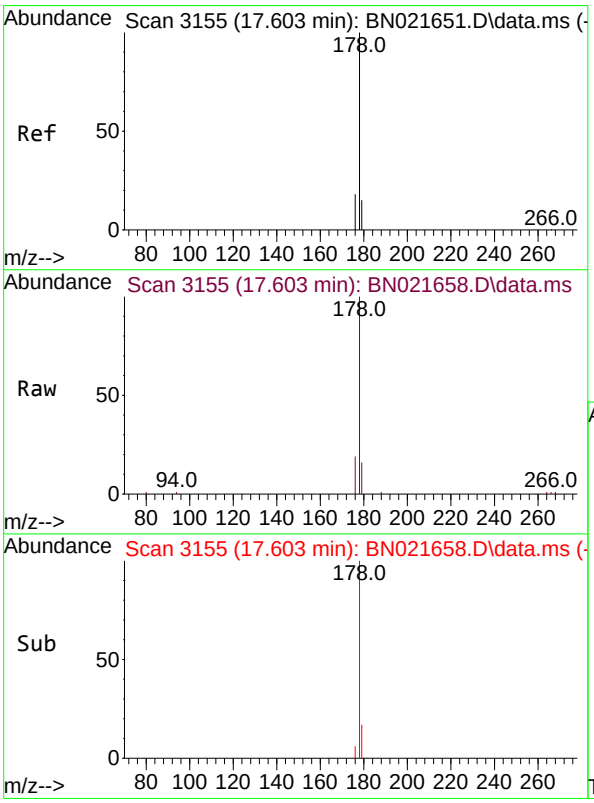
#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.510 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:178 Resp: 17062

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

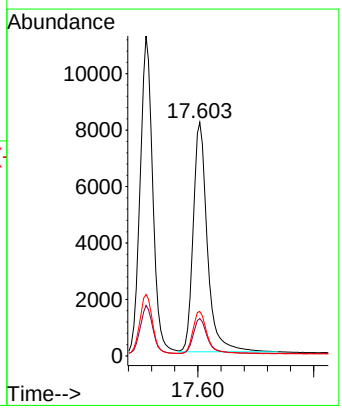


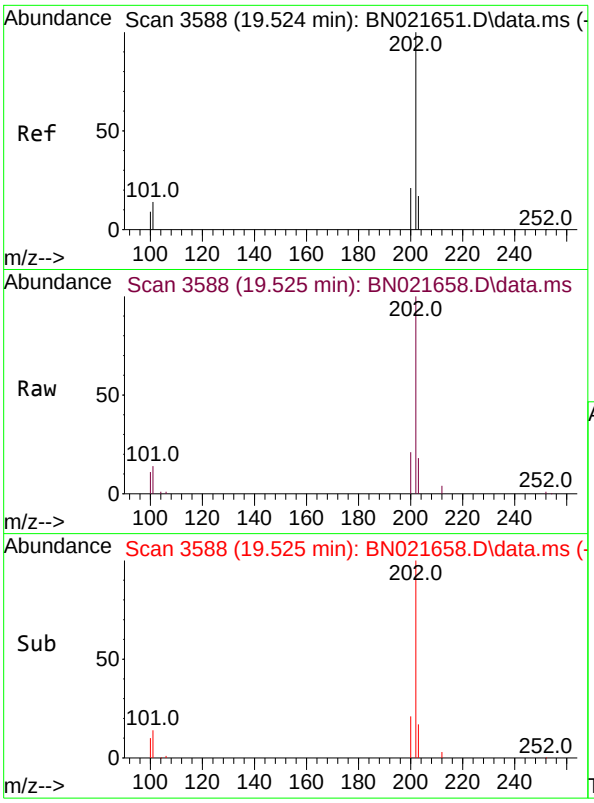


#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.603 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:178 Resp: 13795

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.0	15.9	23.9



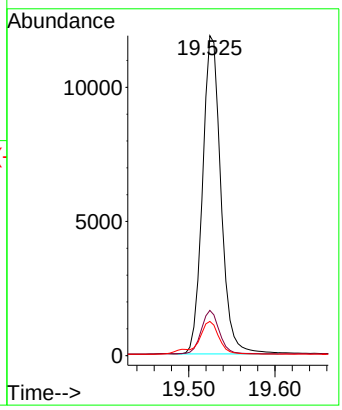


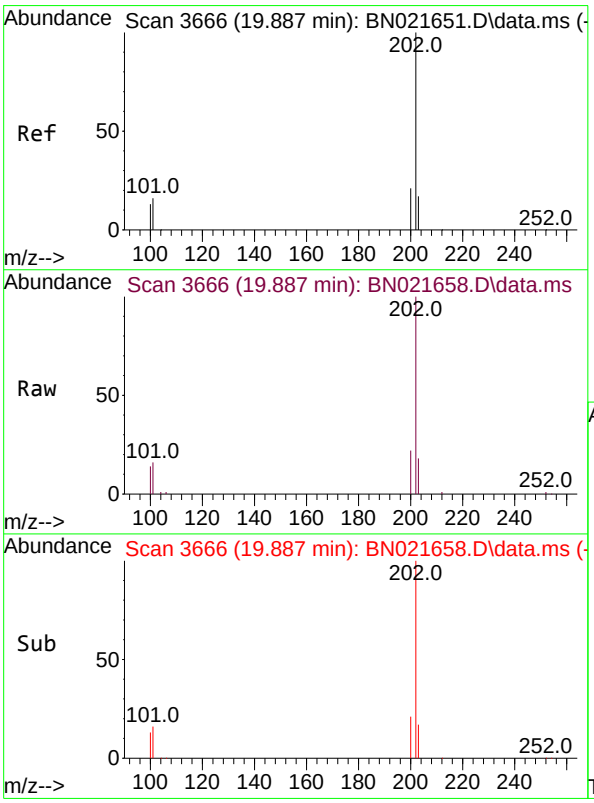
#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.525 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:202 Resp: 17574

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.0	15.0
100	10.7	8.0	12.0

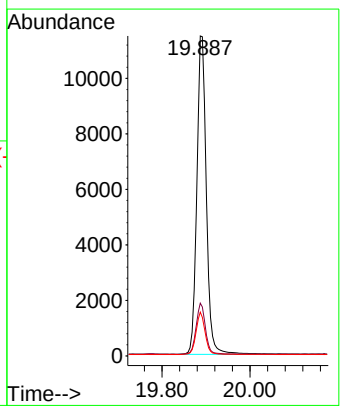


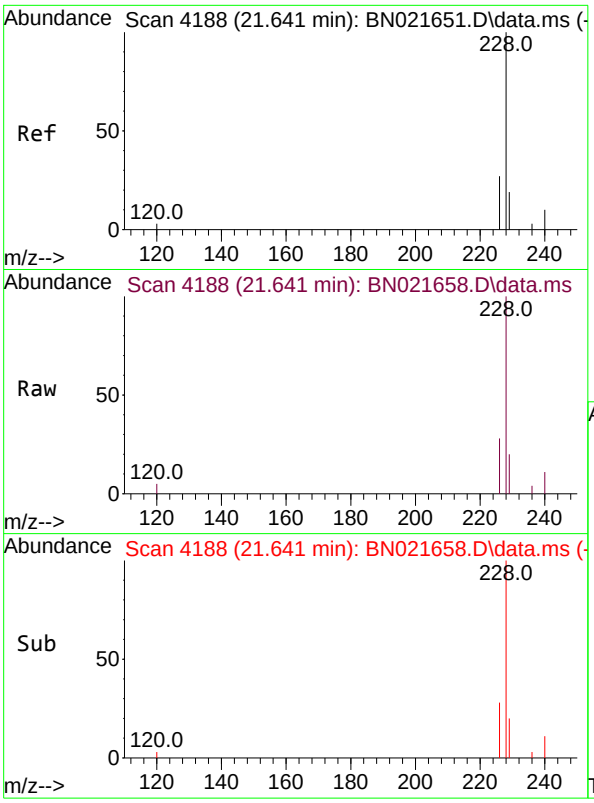


#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.887 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:202 Resp: 17147

Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.3	16.9
100	13.7	9.0	13.4#



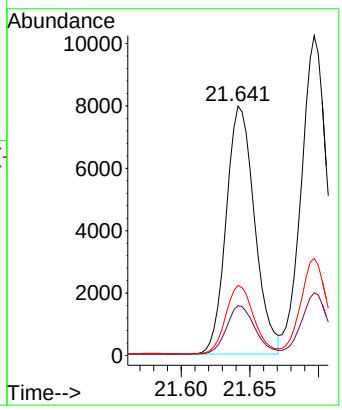


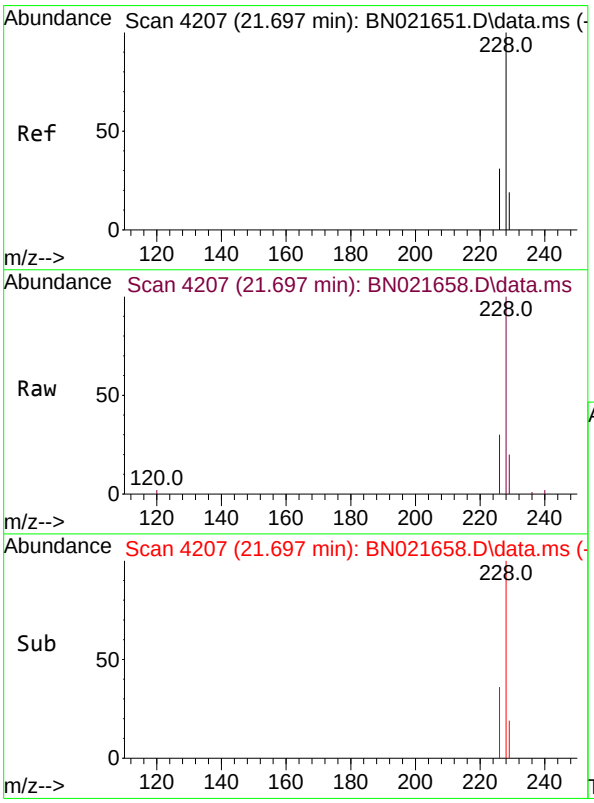
#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.641 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:228 Resp: 11434

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	28.2	21.9	32.9

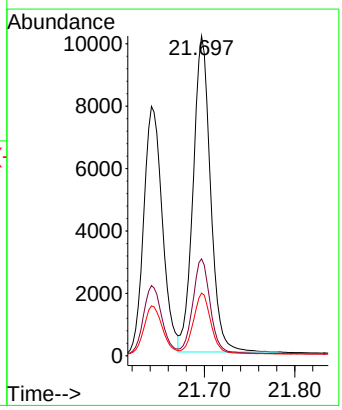


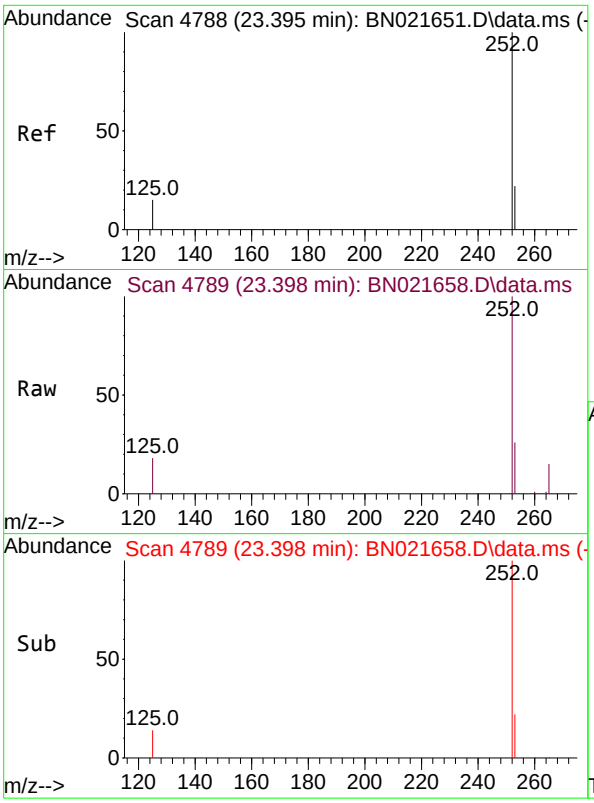


#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:228 Resp: 13535

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.6	15.8	23.8



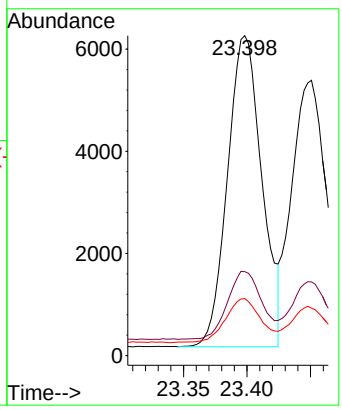


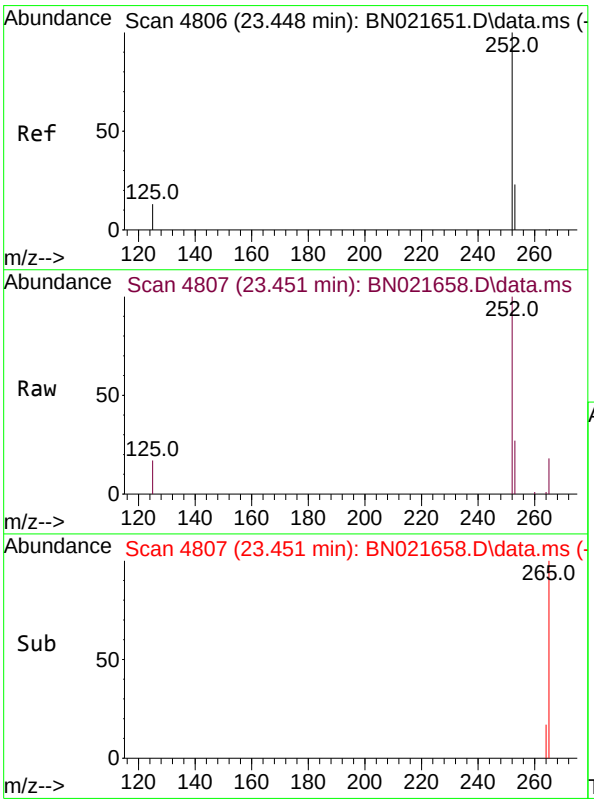
#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.398 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:252 Resp: 11481

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	50.8
125	17.8	0.0	30.0

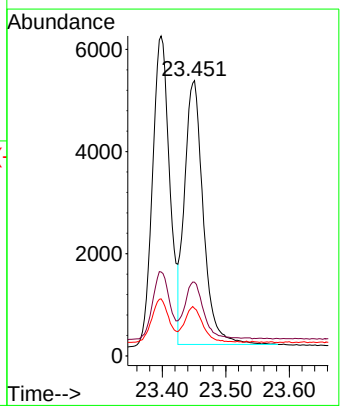


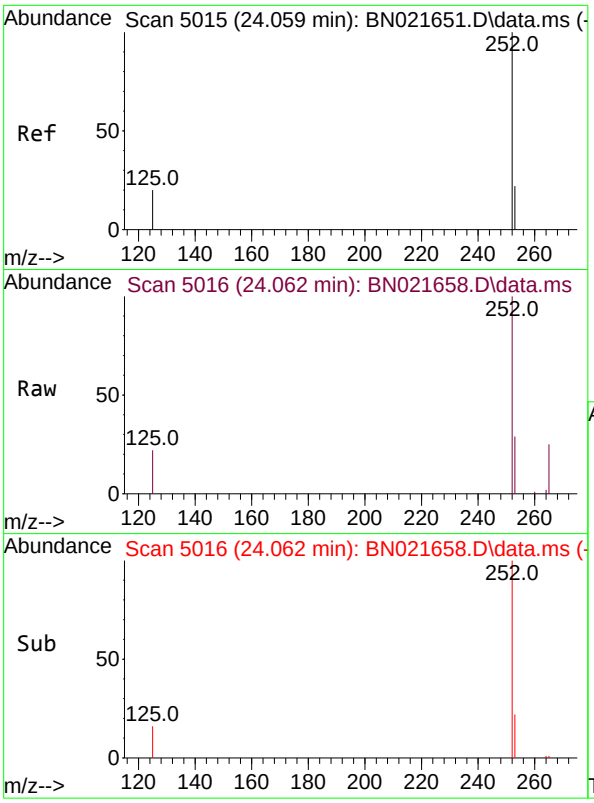


#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:252 Resp: 10608

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.6	31.0
125	17.2	11.8	17.6



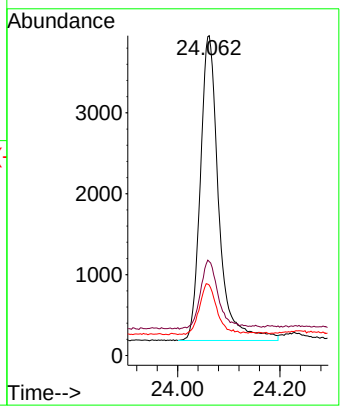


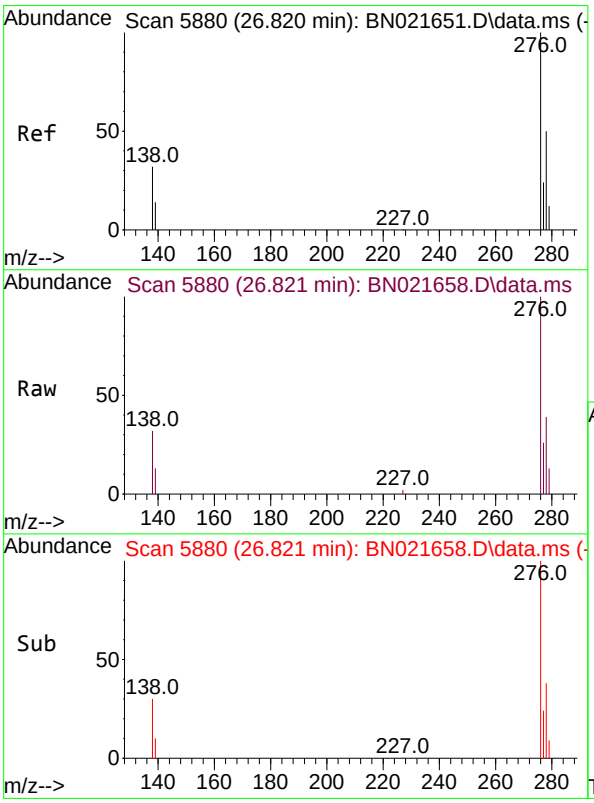
#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 24.062 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:252 Resp: 9390

Ion	Ratio	Lower	Upper
252	100		
253	29.4	22.1	33.1
125	22.0	14.7	22.1

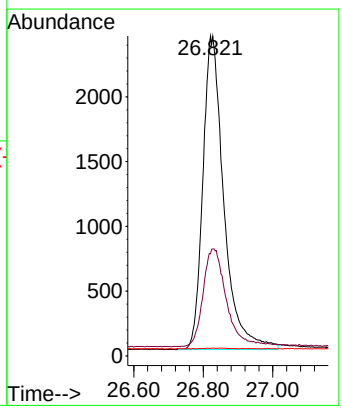


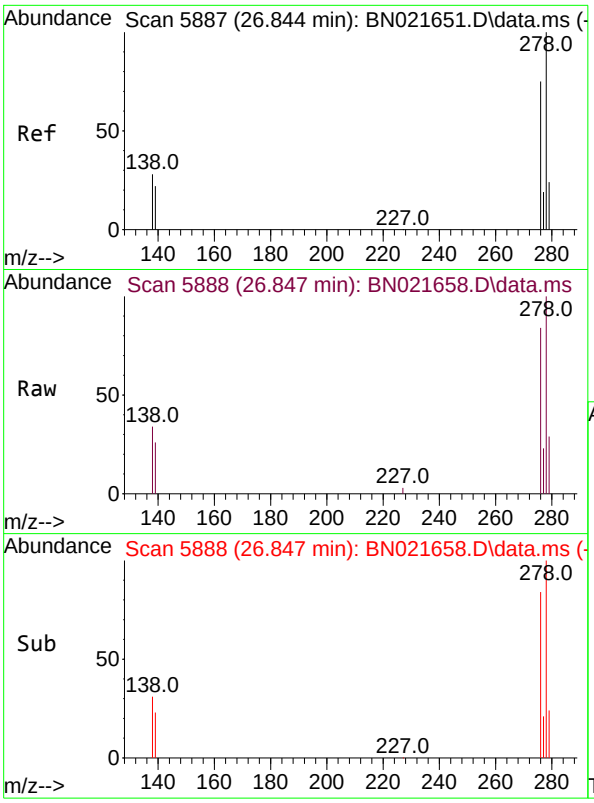


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.821 min Scan# 5880
Delta R.T. -0.010 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:276 Resp: 10157

Ion	Ratio	Lower	Upper
276	100		
138	34.7	26.1	39.1
227	0.1	0.1	0.1#



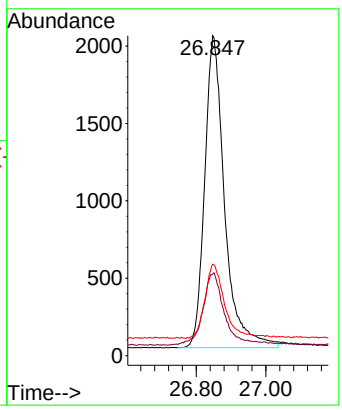


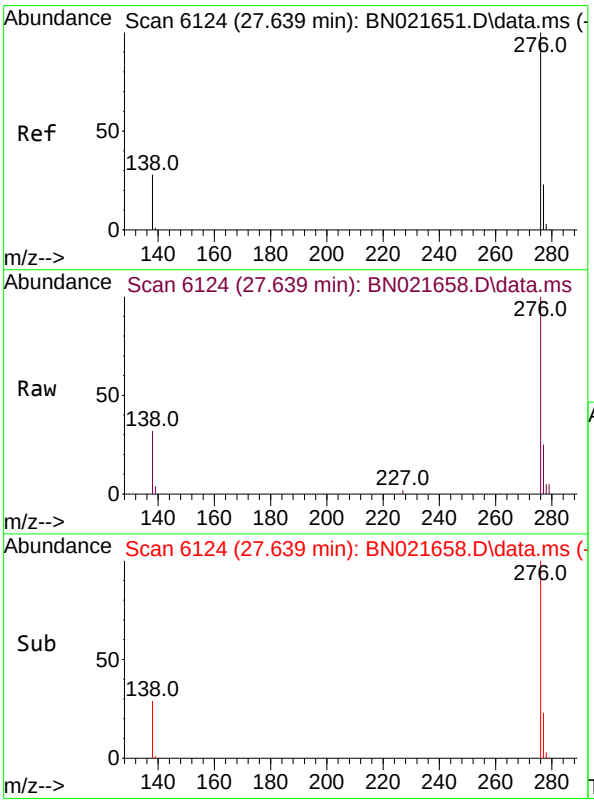
#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 26.847 min Scan# 58
Delta R.T. -0.003 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Instrument :
BNA_N
ClientSampleId :
SLCS557

Tgt Ion:278 Resp: 8034

Ion	Ratio	Lower	Upper
278	100		
139	25.5	18.3	27.5
279	28.6	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 27.639 min Scan# 6124
Delta R.T. 0.000 min
Lab File: BN021658.D
Acq: 09 Sep 2022 13:22

Tgt Ion:276 Resp: 9279

Ion	Ratio	Lower	Upper
276	100		
138	31.9	22.6	34.0
277	25.4	20.2	30.2