Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026955.D
Acq On : 18 Aug 2023 11:51
Operator : MA/JU
Sample : 03970-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Quant Time: Aug 18 12:19:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	4454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12970	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	8263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	18631	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	16630	0.400	ng/ul	0.00
23) Perylene-d12	24.196	264	17510	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2465	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	5938	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15865	0.302	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.477	88	5550	1.028	ng/ul	96
5) Naphthalene	10.982	128	8939	0.244	ng/ul	97
7) 2-Methylnaphthalene	12.577	142	6109	0.275	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	6695	0.288	ng/ul	99
10) Acenaphthylene	14.458	152	9819	0.212	ng/ul	99
11) Acenaphthene	14.791	153	7651	0.239	ng/ul	98
12) Fluorene	15.776	166	8674	0.239	ng/ul	98
15) Phenanthrene	17.519	178	38054	0.622	ng/ul	100
16) Anthracene	17.607	178	14316	0.259	ng/ul	98
19) Fluoranthene	19.524	202	80775	1.169	ng/ul	100
20) Pyrene	19.887	202	73310	0.995	ng/ul	99
21) Benzo(a)anthracene	21.632	228	44396	0.671	ng/ul	100
22) Chrysene	21.691	228	44679	0.684	ng/ul	98
24) Benzo(b)fluoranthene	23.407	252	64054	0.967	ng/ul	98
25) Benzo(k)fluoranthene	23.456	252	32142	0.492	ng/ul#	94
26) Benzo(a)pyrene	24.082	252	41488	0.694	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.887	276	41329	0.529	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.911	278	19417	0.312	ng/ul	96
29) Benzo(g,h,i)perylene	27.722	276	38988	0.599	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
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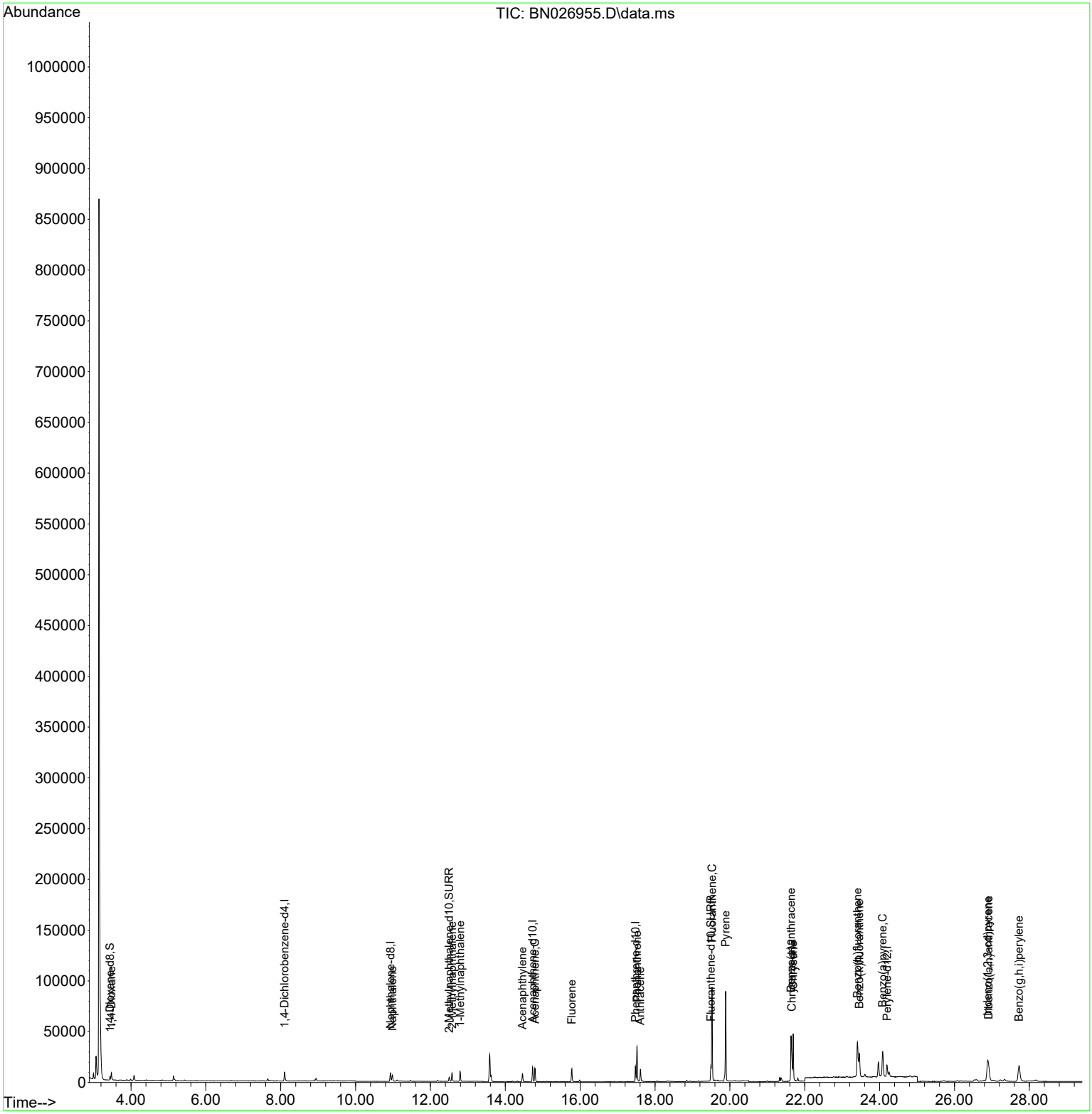
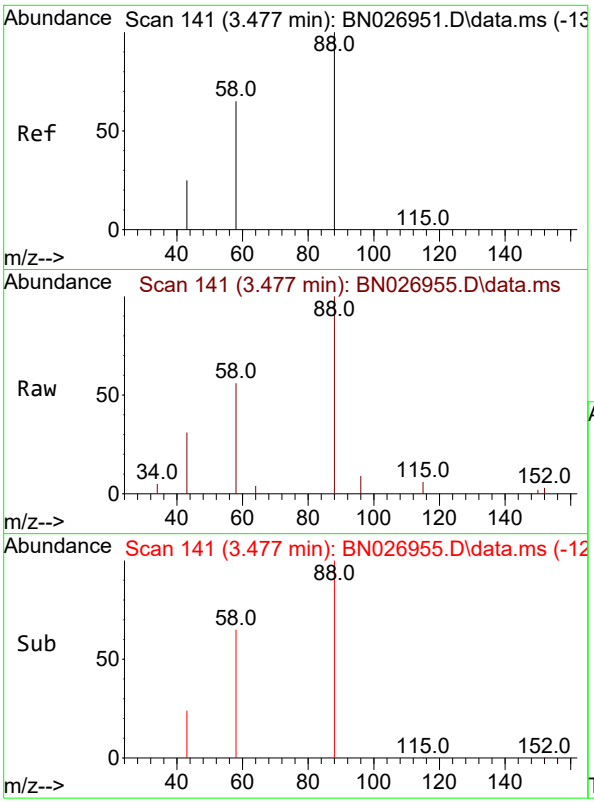
Quant Time: Aug 18 12:19:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration



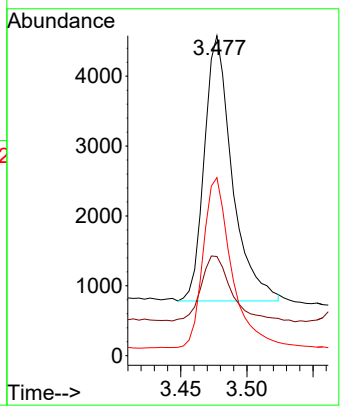


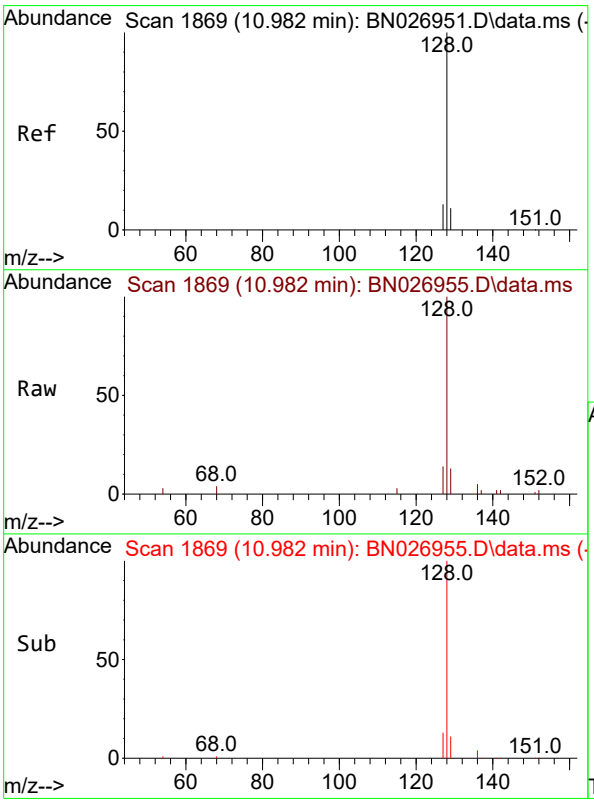
#2
1,4-Dioxane
Concen: 1.028 ng/ul
RT: 3.477 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion: 88 Resp: 5550

Ion	Ratio	Lower	Upper
88	100		
43	31.0	28.0	42.0
58	55.7	46.0	69.0

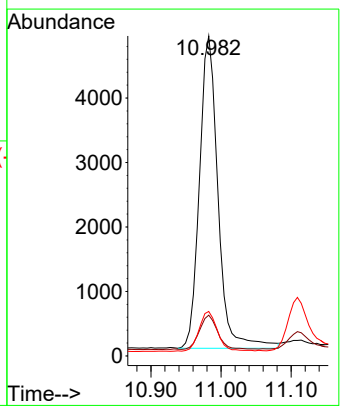


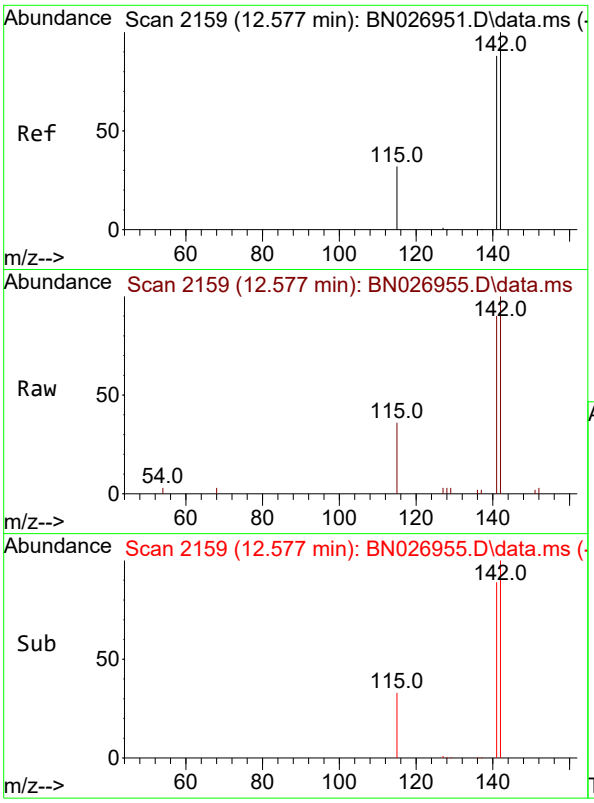


#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:128 Resp: 8939

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.2	13.8
127	13.9	10.5	15.7



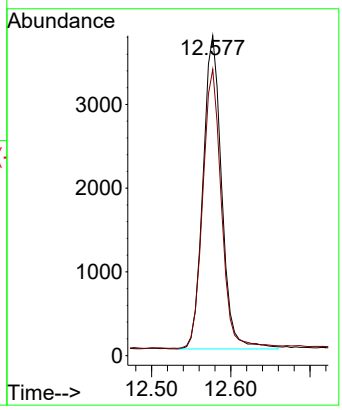


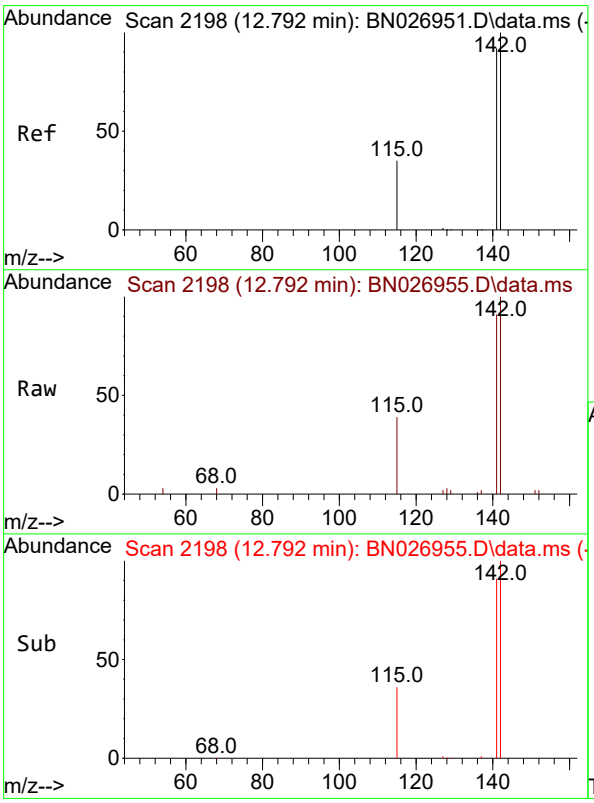
#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.577 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:142 Resp: 6109

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.9	106.3

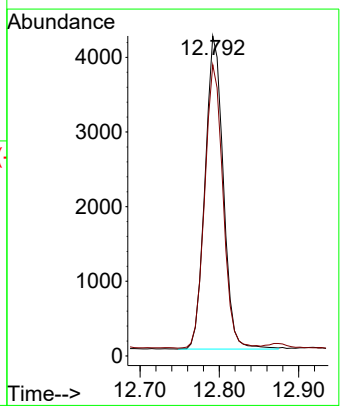


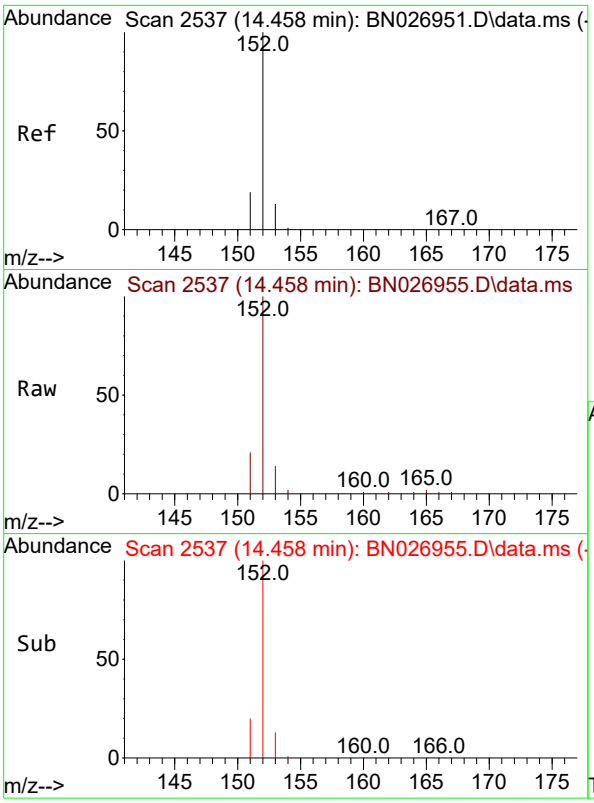


#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:142 Resp: 6695

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



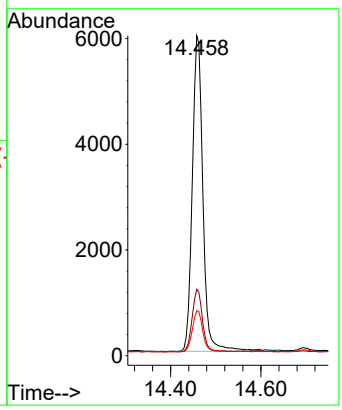


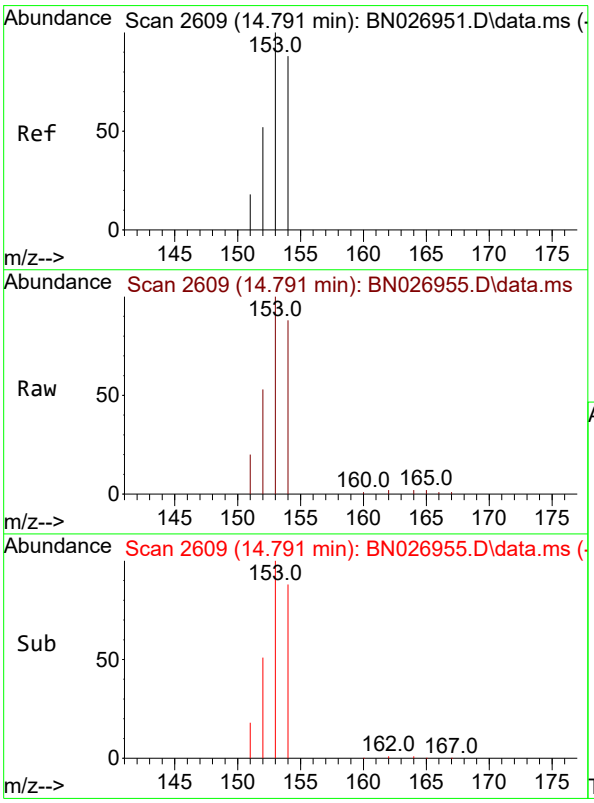
#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.458 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:152 Resp: 9819

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	14.0	11.0	16.6

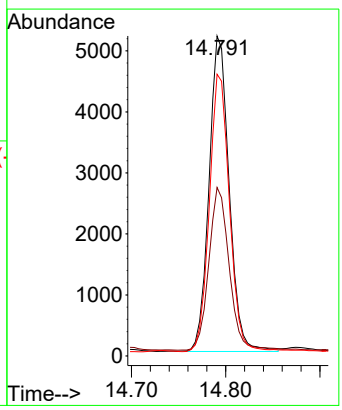


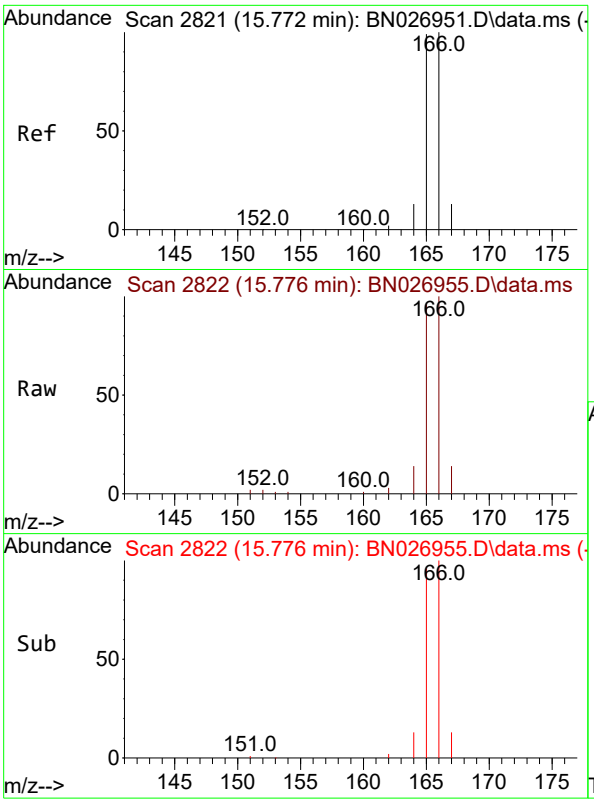


#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.009 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:153 Resp: 7651

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.1	61.7
154	88.1	71.6	107.4



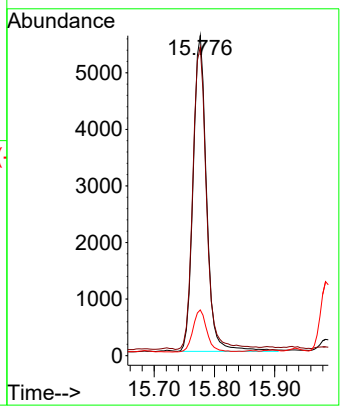


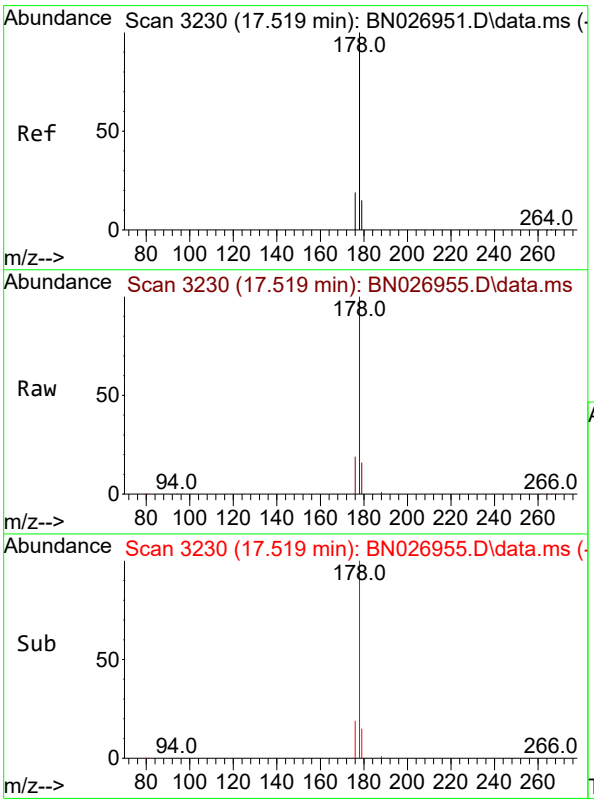
#12
Fluorene
Concen: 0.239 ng/ul
RT: 15.776 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:166 Resp: 8674

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.1	118.7
167	14.3	11.4	17.0

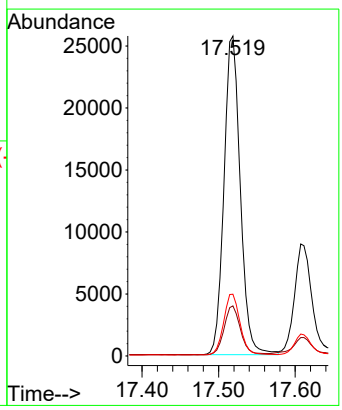


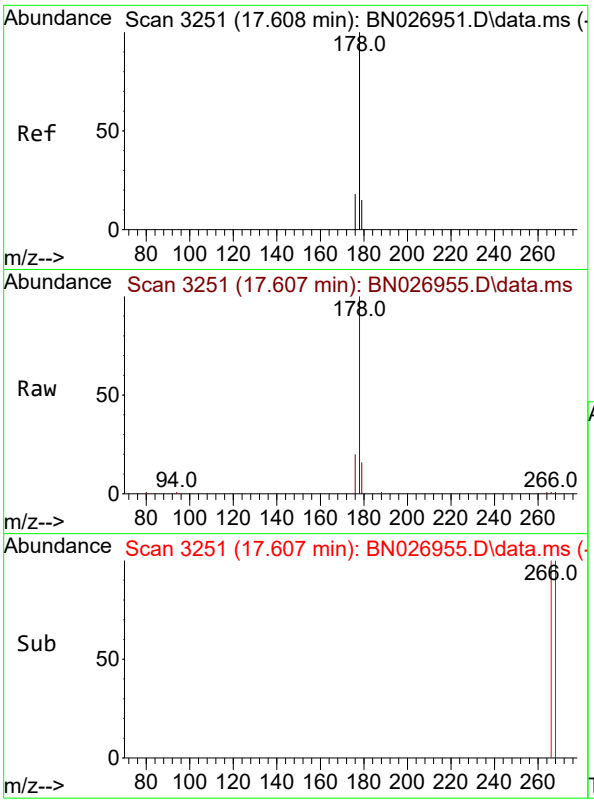


#15
Phenanthrene
Concen: 0.622 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.004 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:178 Resp: 38054

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.3	15.4	23.2



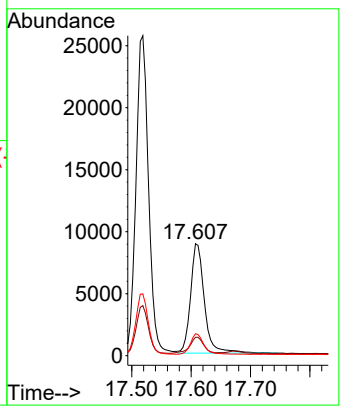


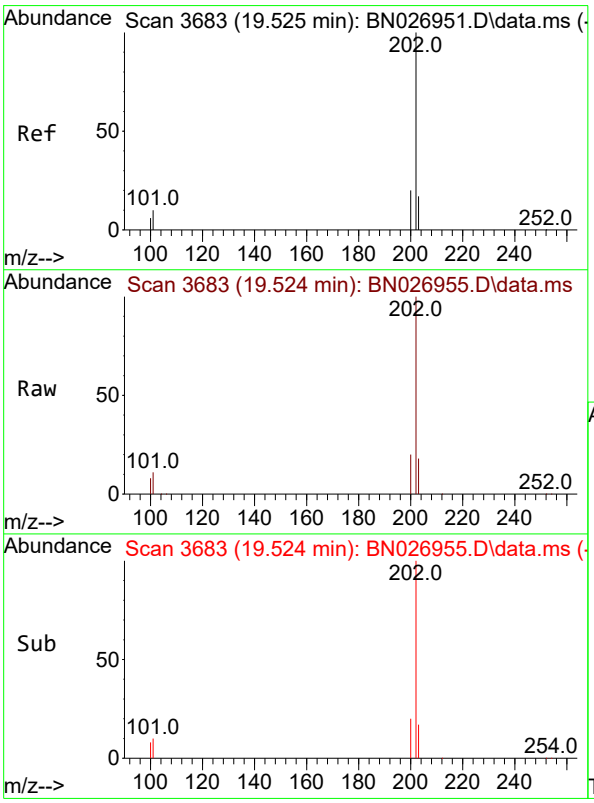
#16
Anthracene
Concen: 0.259 ng/ul
RT: 17.607 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:178 Resp: 14316

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	19.5	15.0	22.6

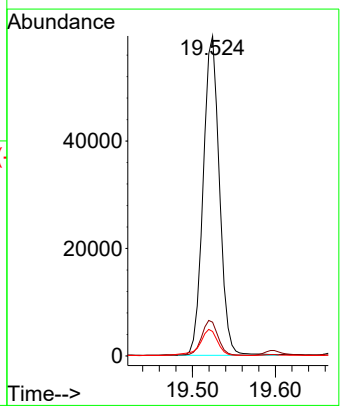


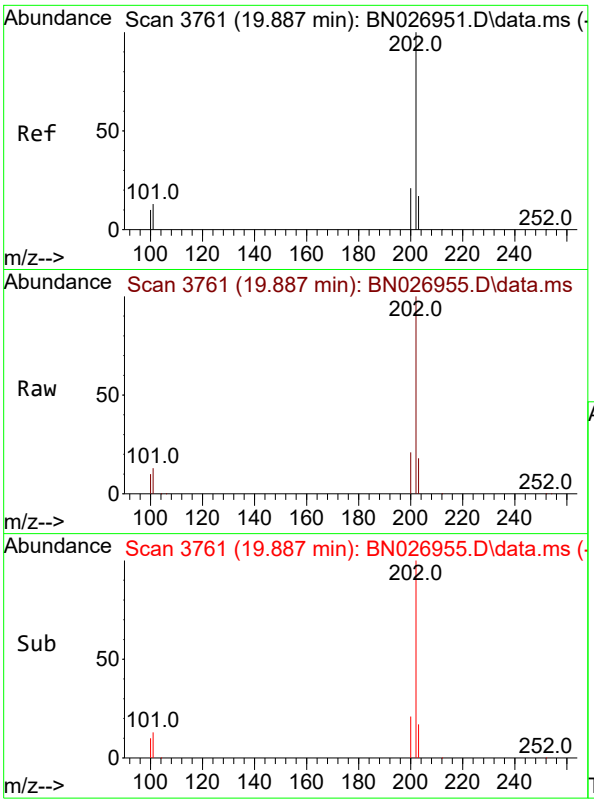


#19
Fluoranthene
Concen: 1.169 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:202 Resp: 80775

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
100	7.7	6.2	9.2



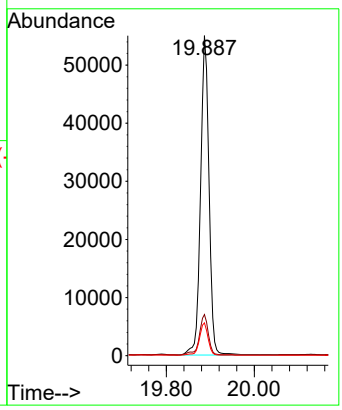


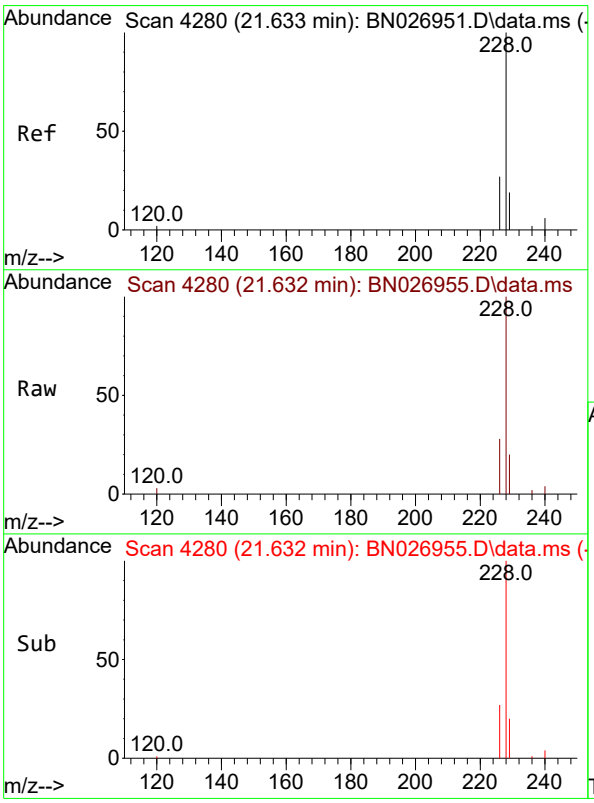
#20
Pyrene
Concen: 0.995 ng/ul
RT: 19.887 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:202 Resp: 73310

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.7	16.1
100	10.2	8.5	12.7

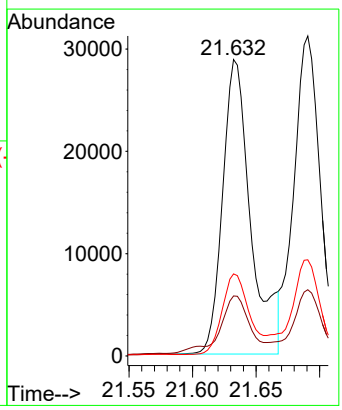


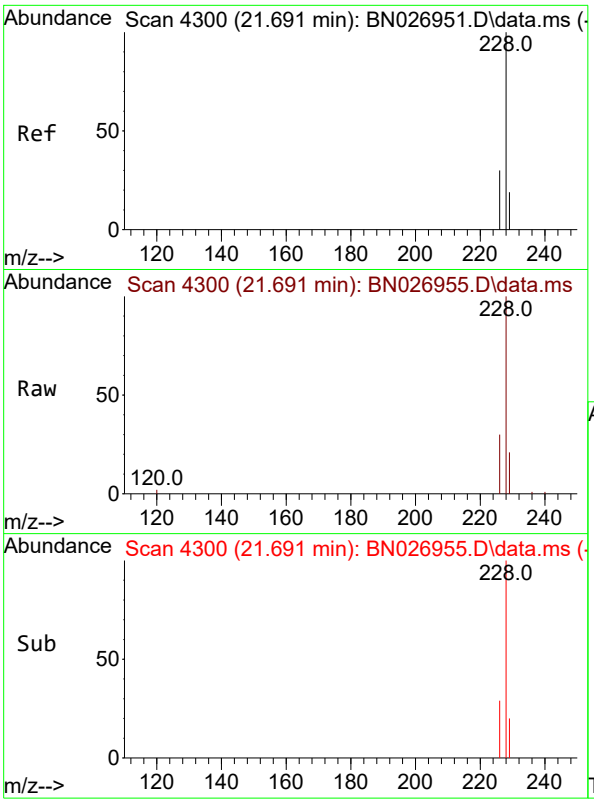


#21
Benzo(a)anthracene
Concen: 0.671 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.009 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:228 Resp: 44396

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	27.7	22.2	33.2



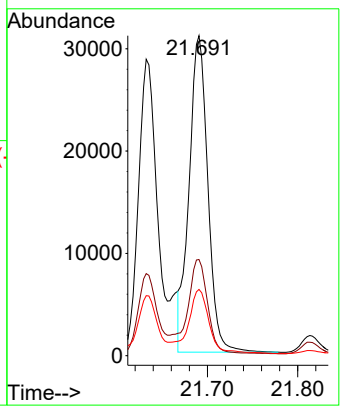


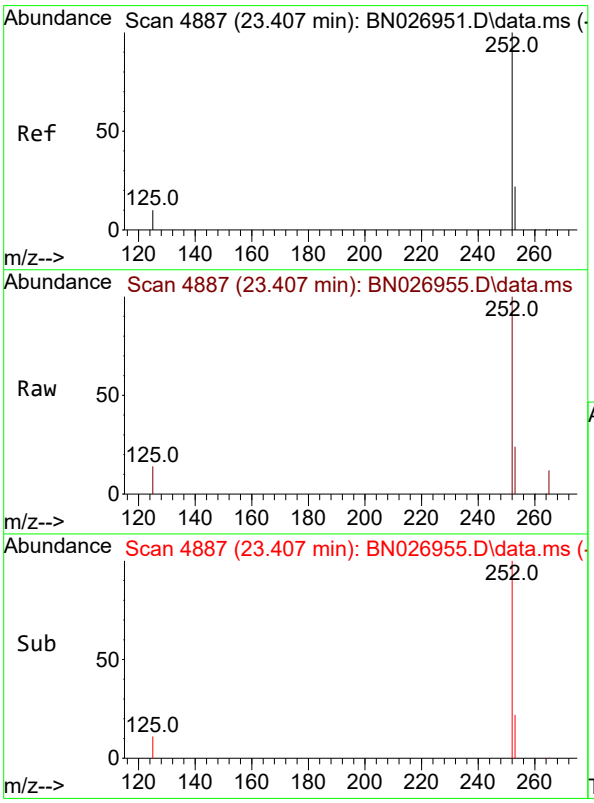
#22
Chrysene
Concen: 0.684 ng/ul
RT: 21.691 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:228 Resp: 44679

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	20.7	15.8	23.6

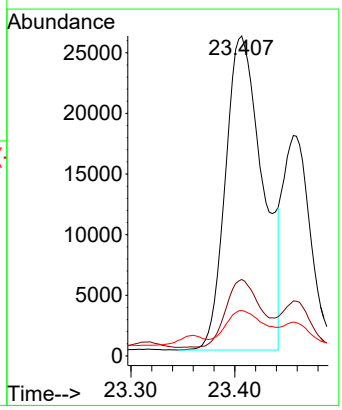


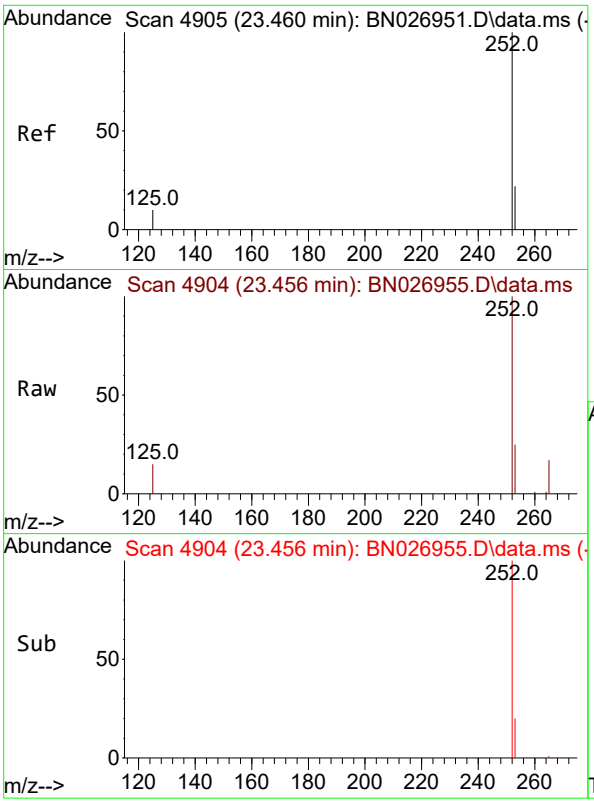


#24
Benzo(b)fluoranthene
Concen: 0.967 ng/ul
RT: 23.407 min Scan# 4887
Delta R.T. -0.015 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:252 Resp: 64054

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	46.8
125	14.2	0.0	25.2



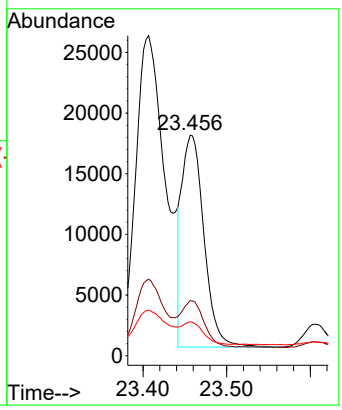


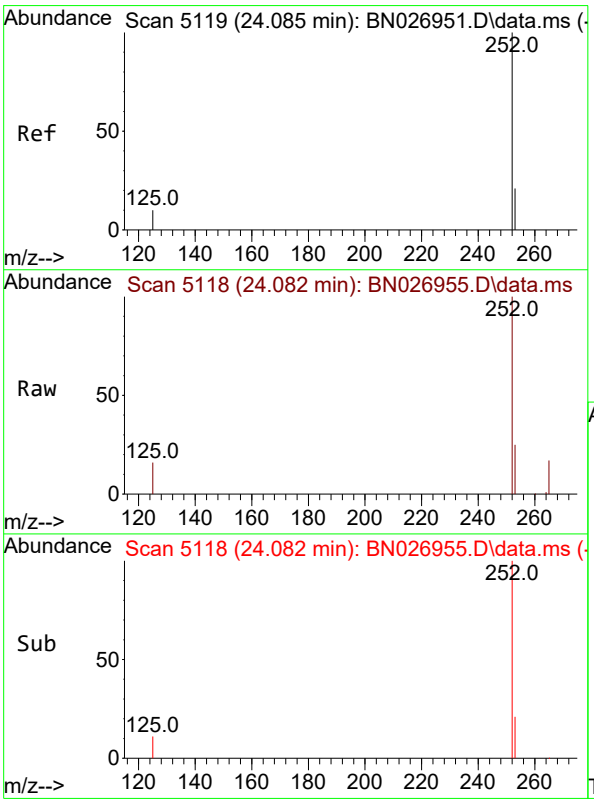
#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 23.456 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:252 Resp: 32142

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	15.4	9.9	14.9#

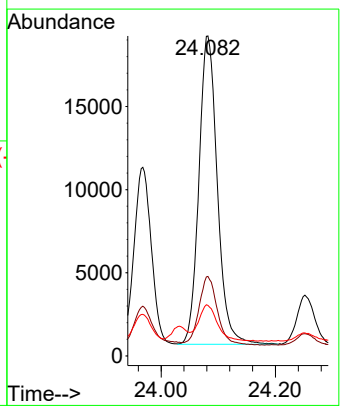


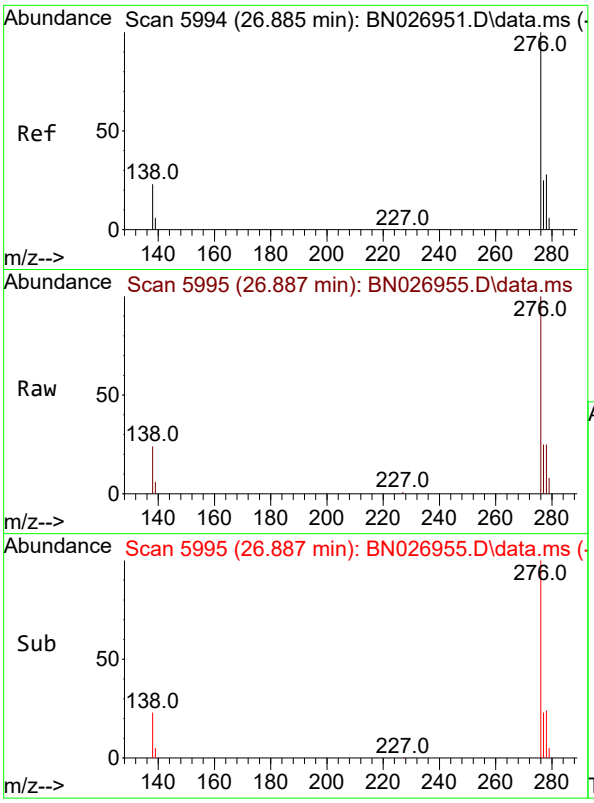


#26
Benzo(a)pyrene
Concen: 0.694 ng/ul
RT: 24.082 min Scan# 5118
Delta R.T. -0.018 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:252 Resp: 41488

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.6
125	15.8	11.4	17.0



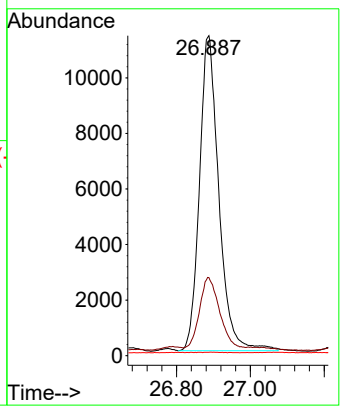


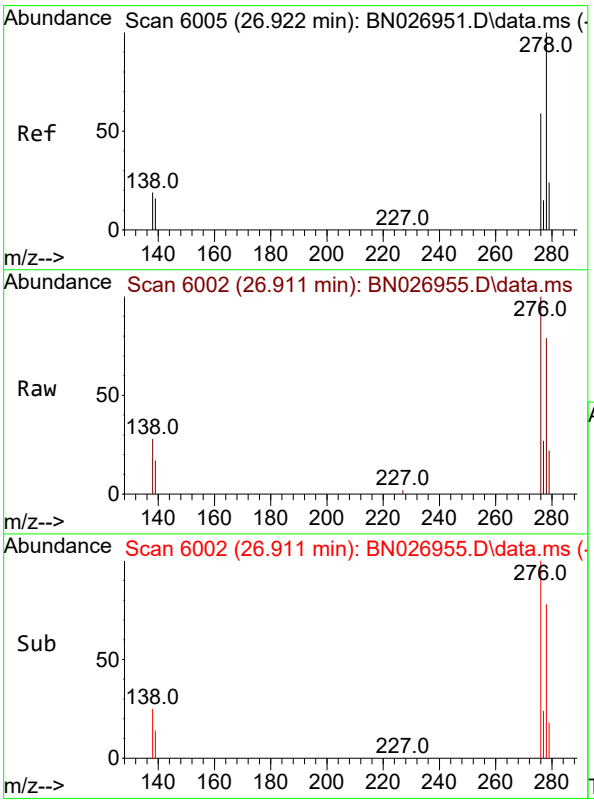
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.529 ng/ul
RT: 26.887 min Scan# 5
Delta R.T. -0.020 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:276 Resp: 41329

Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.6	32.4
227	0.1	0.0	0.0#

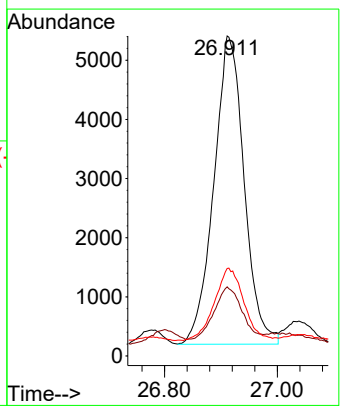


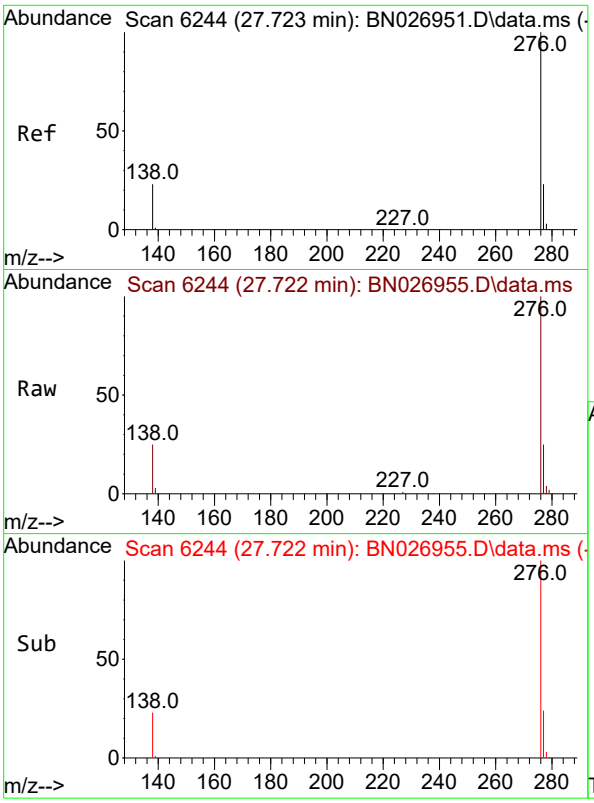


#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.027 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Tgt Ion:278 Resp: 19417

Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.7	23.5
279	27.3	20.2	30.4





#29
Benzo(g,h,i)perylene
Concen: 0.599 ng/ul
RT: 27.722 min Scan# 6
Delta R.T. -0.024 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

Instrument :
BNA_N
ClientSampleId :
A48H5MSD

Tgt Ion:276 Resp: 38988

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	25.1	19.8	29.8