Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Quant Time: Jun 28 00:27:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	8093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	25247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.266	164	13853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.116	188	1297985	0.400	ng/ul	0.09
17) Chrysene-d12	21.339	240	85	0.400	ng/ul	# 0.11
23) Perylene-d12	23.613	264	69	0.400	ng/ul	# 0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	14285	1.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	8455	0.223	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.441	128	3080	0.046	ng/ul#	88
7) 2-Methylnaphthalene	12.069	142	1371	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.289	142	1035	0.023	ng/ul	94
10) Acenaphthylene	13.984	152	8816	0.153	ng/ul	95
11) Acenaphthene	14.326	153	5129	0.115	ng/ul	97
12) Fluorene	15.321	166	5655	0.106	ng/ul#	98
19) Fluoranthene	19.239	202	4618	14.267	ng/ul#	70
21) Benzo(a)anthracene	21.371	228	10127	33.010	ng/ul#	21
22) Chrysene	21.371	228	10222	30.357	ng/ul#	25
24) Benzo(b)fluoranthene	22.940	252	21499	71.717	ng/ul#	26
26) Benzo(a)pyrene	23.487	252	28697	137.587	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.940	276	3614	11.066	ng/ul#	34
28) Dibenzo(a,h)anthracene	25.940	278	14184	58.455	ng/ul#	35
29) Benzo(g,h,i)perylene	26.581	276	1602	6.158	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
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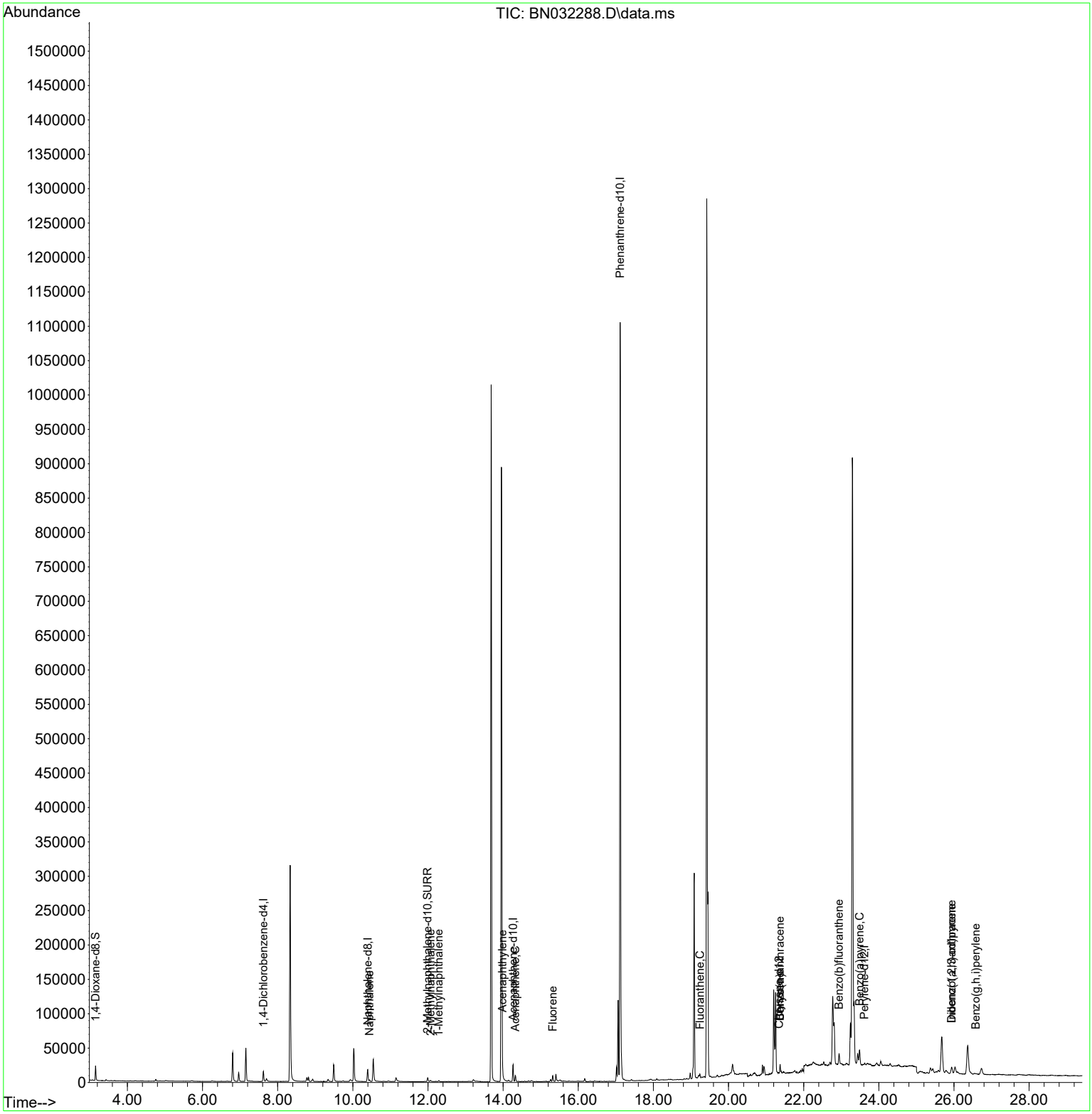
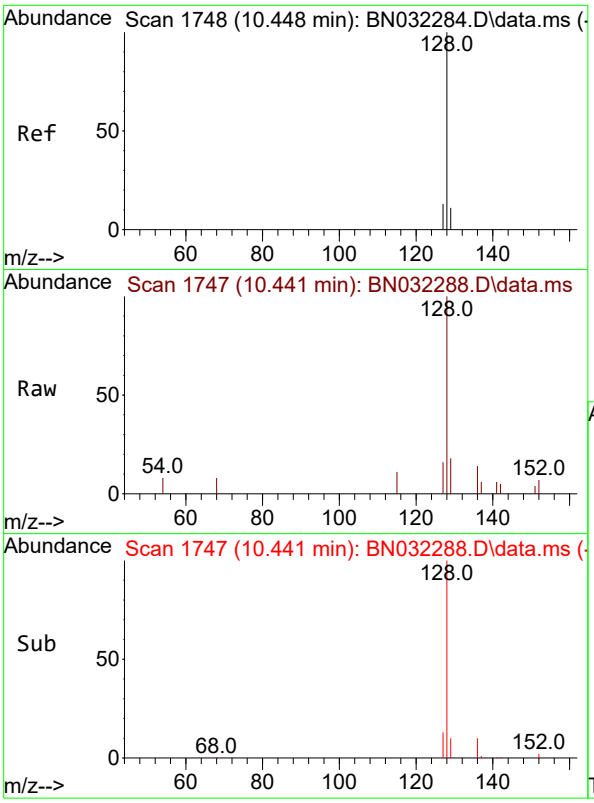


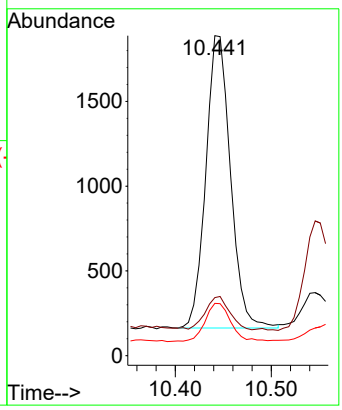


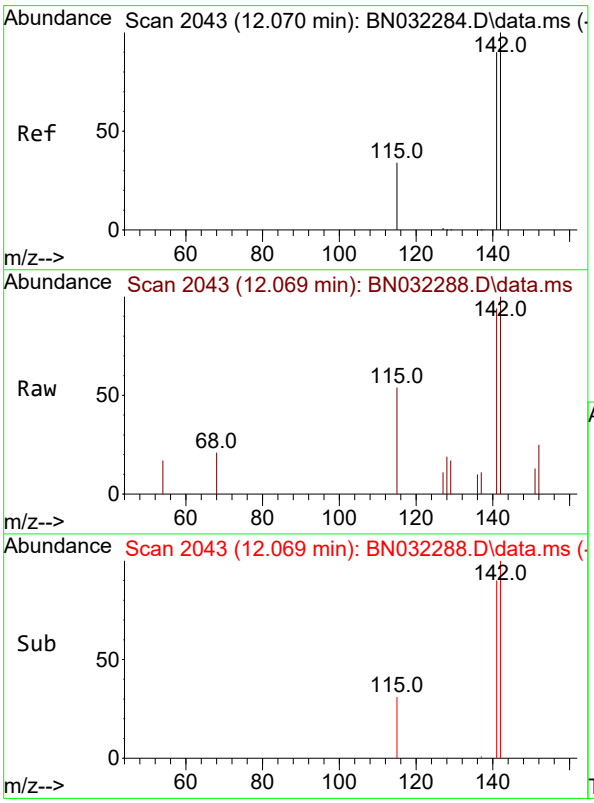
#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.441 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:128 Resp: 3080

Ion	Ratio	Lower	Upper
128	100		
129	18.1	9.2	13.8#
127	16.3	10.8	16.2#

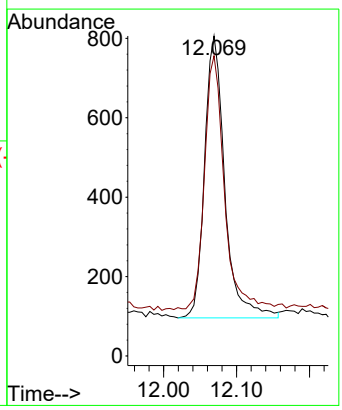


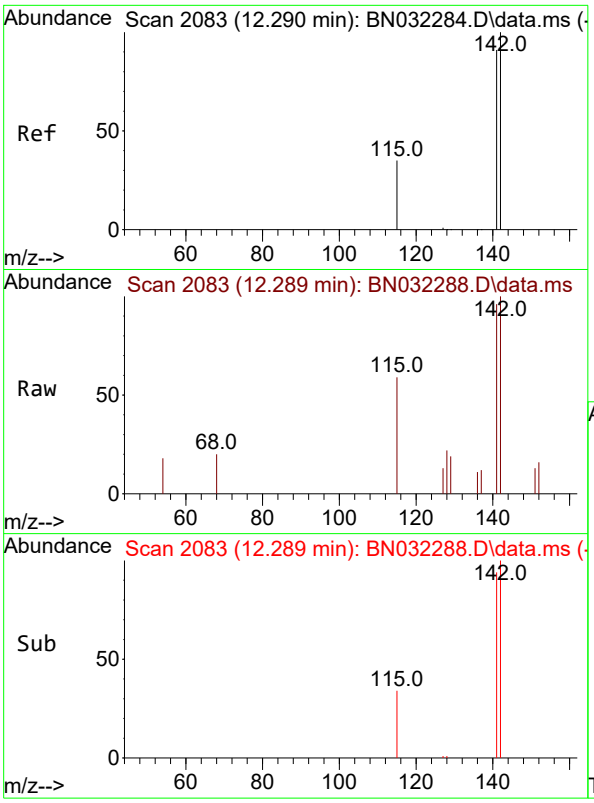


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:142 Resp: 1371

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.2



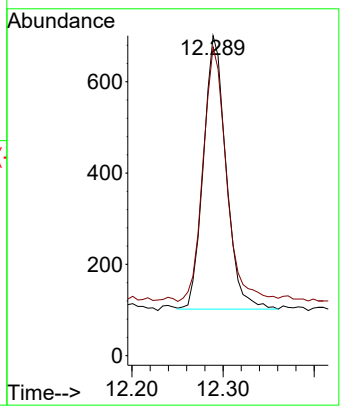


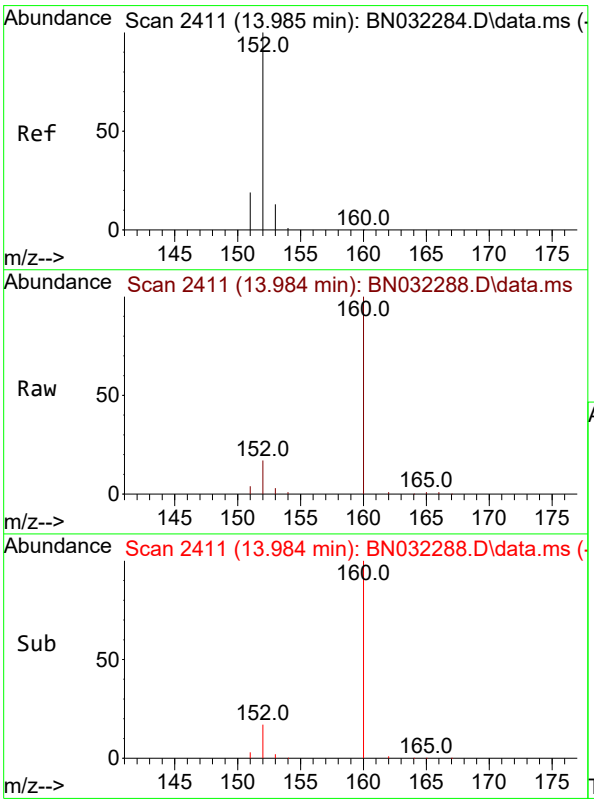
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.289 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:142 Resp: 1035

Ion	Ratio	Lower	Upper
142	100		
141	97.1	73.4	110.0

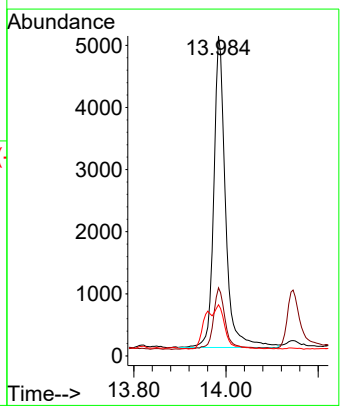


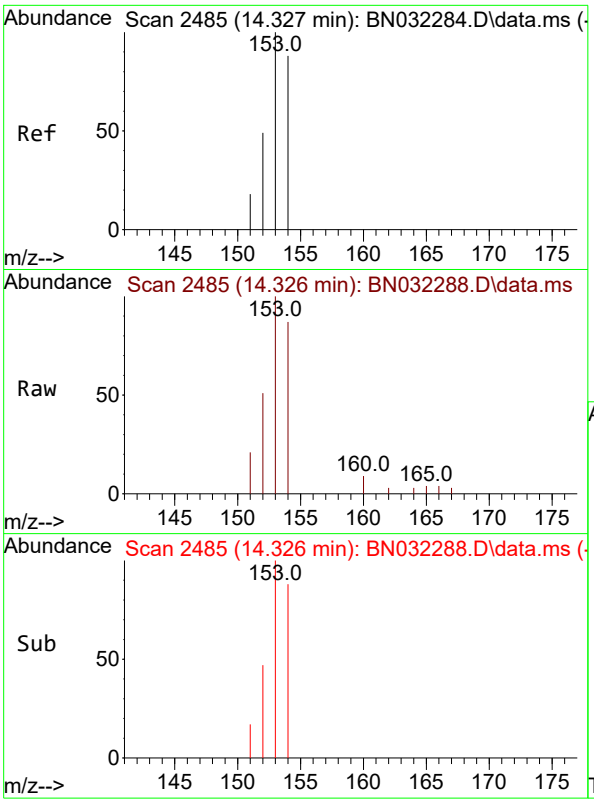


#10
Acenaphthylene
Concen: 0.153 ng/ul
RT: 13.984 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:152 Resp: 8816

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	16.0	10.9	16.3



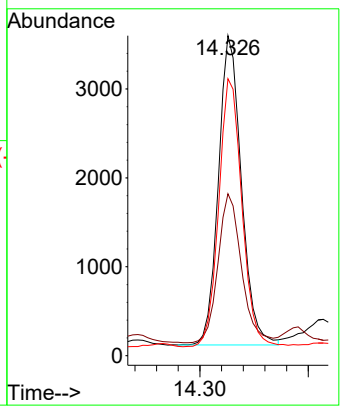


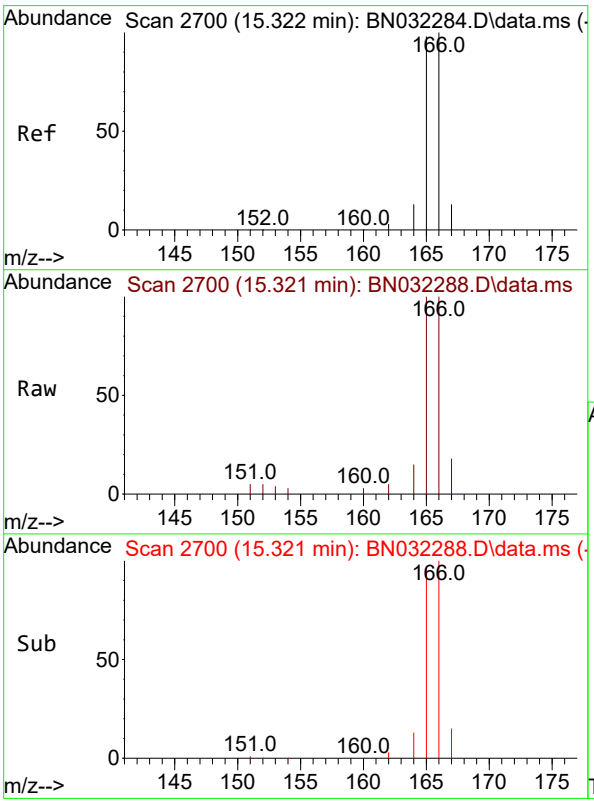
#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.326 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:153 Resp: 5129

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.5	59.3
154	86.5	71.7	107.5

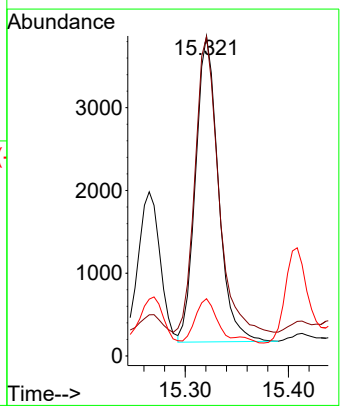


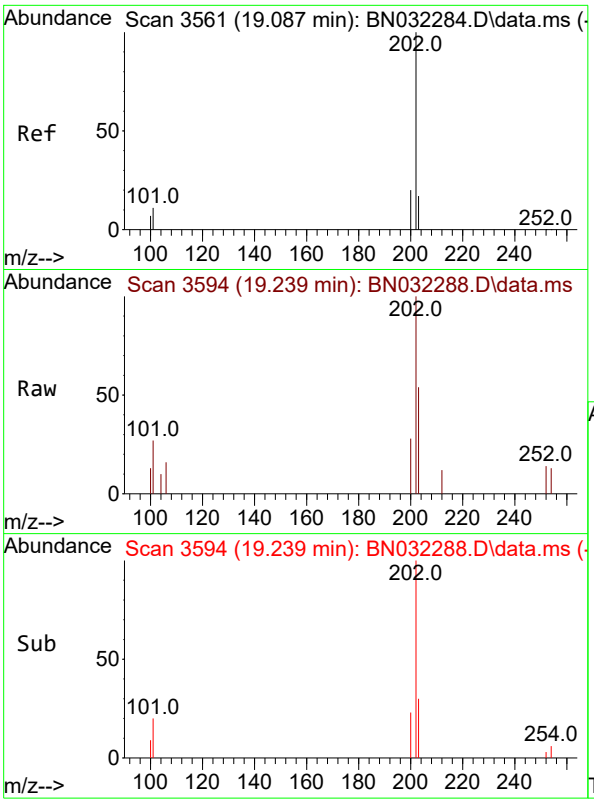


#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.321 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:166 Resp: 5655

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.6
167	17.9	11.0	16.6#



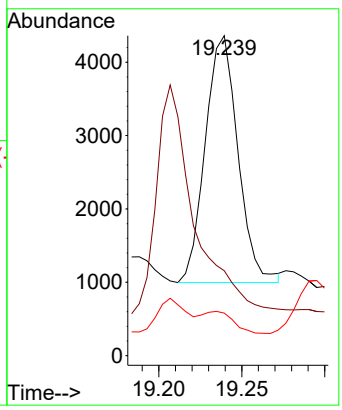


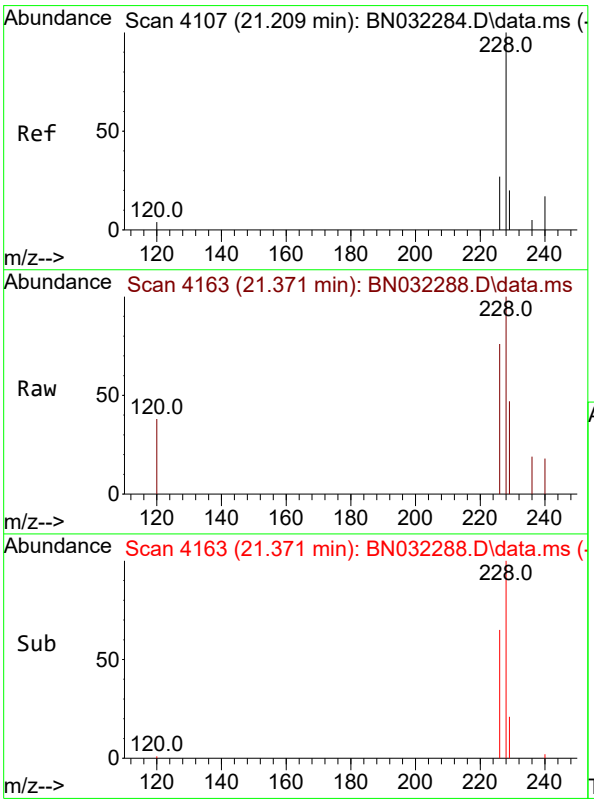
#19
Fluoranthene
Concen: 14.267 ng/ul
RT: 19.239 min Scan# 3
Delta R.T. 0.147 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:202 Resp: 4618

Ion	Ratio	Lower	Upper
202	100		
101	26.5	8.8	13.2#
100	13.3	6.4	9.6#

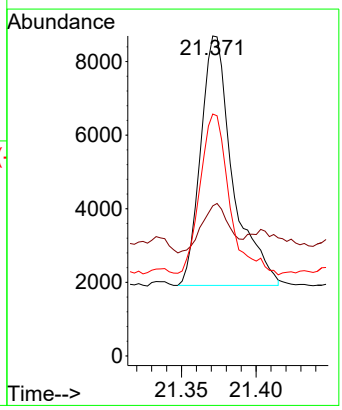


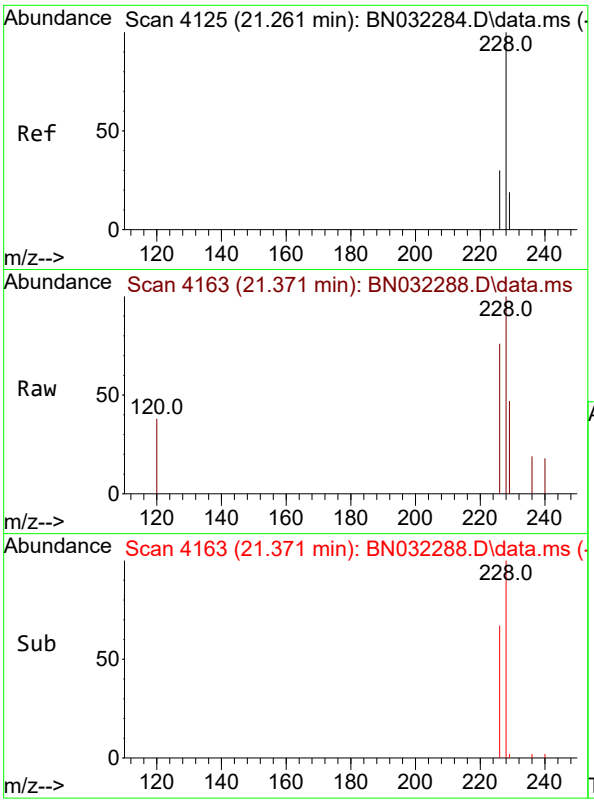


#21
Benzo(a)anthracene
Concen: 33.010 ng/ul
RT: 21.371 min Scan# 4163
Delta R.T. 0.156 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:228 Resp: 10127

Ion	Ratio	Lower	Upper
228	100		
229	46.9	15.7	23.5#
226	75.6	21.8	32.8#



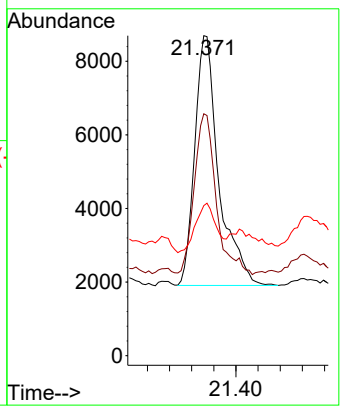


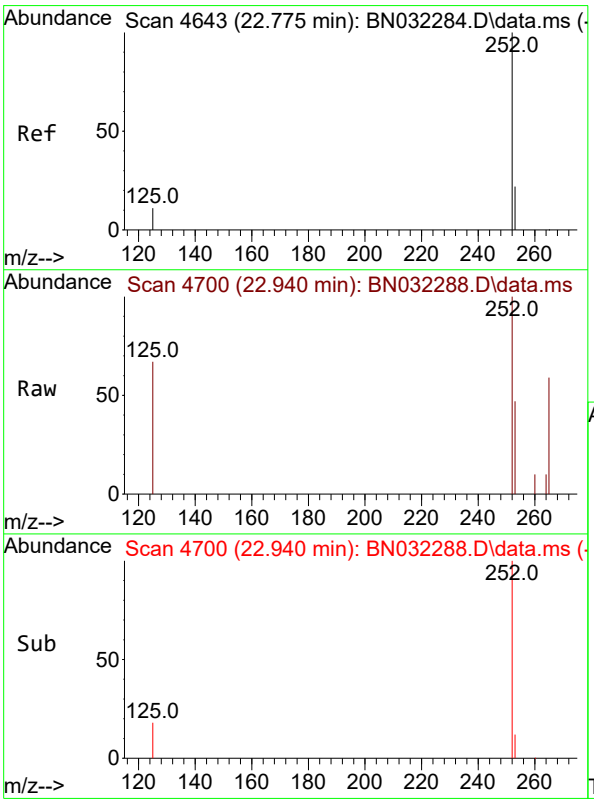
#22
Chrysene
Concen: 30.357 ng/ul
RT: 21.371 min Scan# 4
Delta R.T. 0.104 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:228 Resp: 10222

Ion	Ratio	Lower	Upper
228	100		
226	75.6	23.6	35.4#
229	46.9	15.7	23.5#

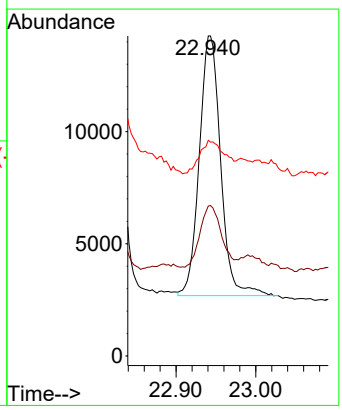


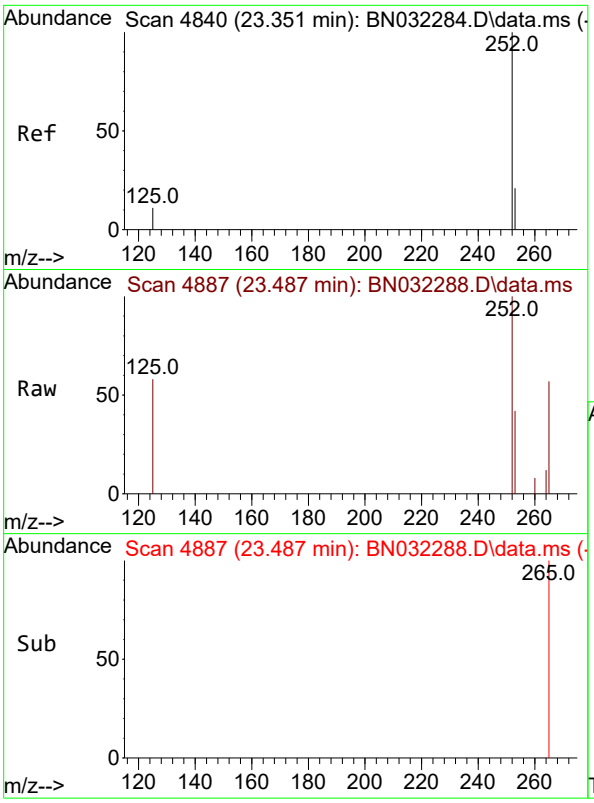


#24
Benzo(b)fluoranthene
Concen: 71.717 ng/ul
RT: 22.940 min Scan# 4700
Delta R.T. 0.157 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:252 Resp: 21499

Ion	Ratio	Lower	Upper
252	100		
253	46.9	0.0	50.2
125	67.4	0.0	32.0#



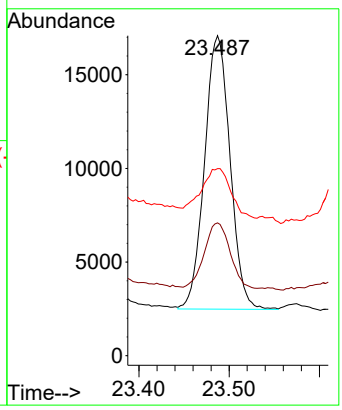


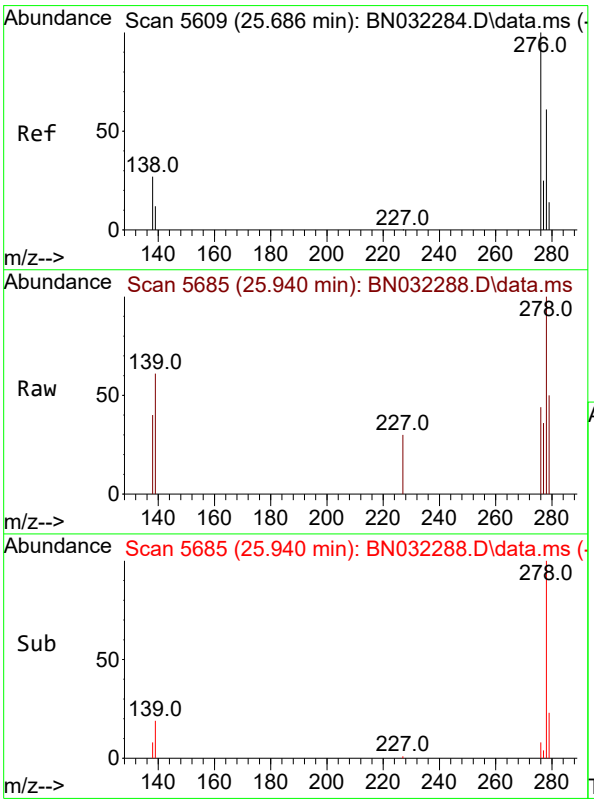
#26
Benzo(a)pyrene
Concen: 137.587 ng/ul
RT: 23.487 min Scan# 4
Delta R.T. 0.127 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:252 Resp: 28697

Ion	Ratio	Lower	Upper
252	100		
253	41.5	22.2	33.2#
125	58.4	16.4	24.6#

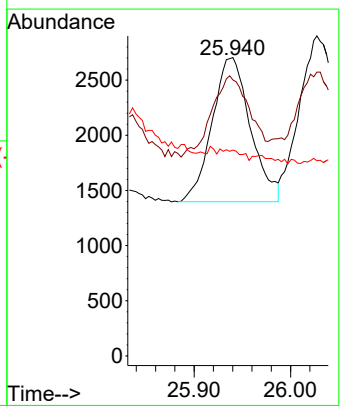


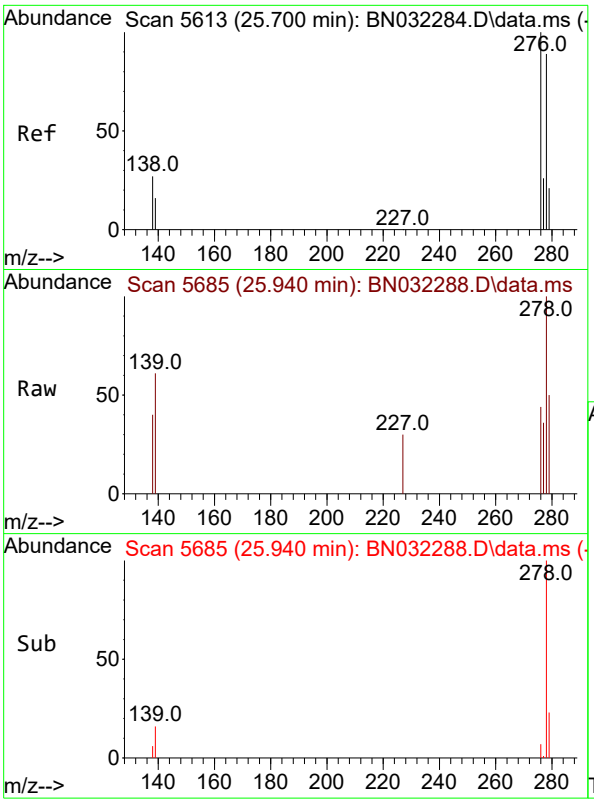


#27
Indeno(1,2,3-cd)pyrene
Concen: 11.066 ng/ul
RT: 25.940 min Scan# 5685
Delta R.T. 0.240 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:276 Resp: 3614

Ion	Ratio	Lower	Upper
276	100		
138	60.7	21.3	31.9#
227	0.0	0.1	0.1#



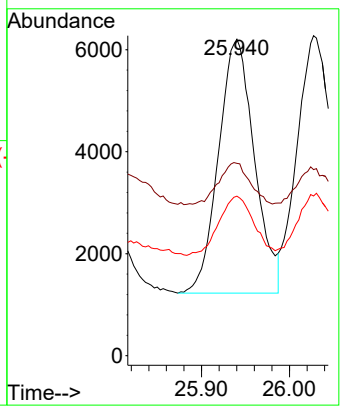


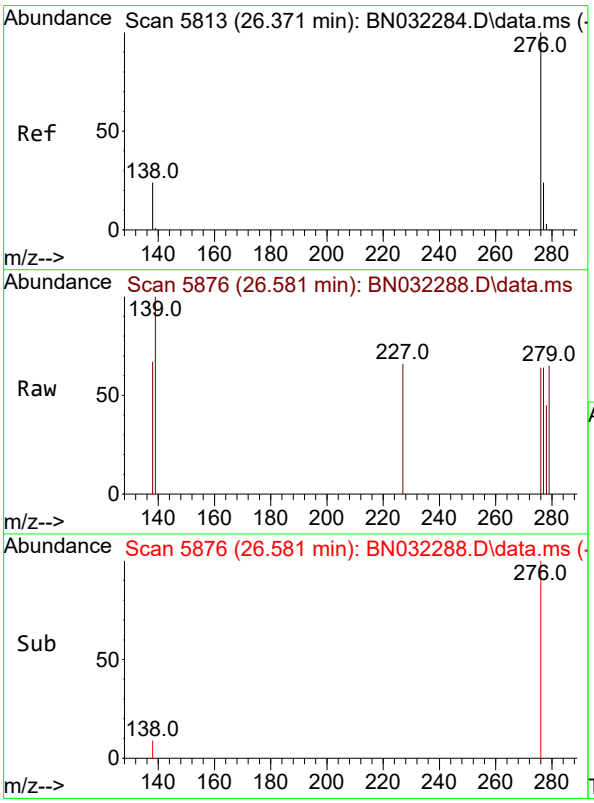
#28
Dibenzo(a,h)anthracene
Concen: 58.455 ng/ul
RT: 25.940 min Scan# 5
Delta R.T. 0.230 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Instrument :
BNA_N
ClientSampleId :
A4B78

Tgt Ion:278 Resp: 14184

Ion	Ratio	Lower	Upper
278	100		
139	60.7	15.9	23.9#
279	50.4	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 6.158 ng/ul
RT: 26.581 min Scan# 5876
Delta R.T. 0.200 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

Tgt Ion:276 Resp: 1602

Ion	Ratio	Lower	Upper
276	100		
138	105.0	19.8	29.6#
277	100.5	19.8	29.6#