Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033145.D
Acq On : 31 Jul 2024 23:52
Operator : MA/JU
Sample : P3378-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Quant Time: Aug 01 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	2836	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.240	136	9729	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.134	164	5719	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.992	188	654161	0.400	ng/ul	0.05
17) Chrysene-d12	21.140	240	10966	0.400	ng/ul	-0.01
23) Perylene-d12	23.311	264	15100	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	14333	3.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.873	152	3321	0.209	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	8559	0.276	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.284	128	109934	4.400	ng/ul#	92
7) 2-Methylnaphthalene	11.950	142	6095	0.360	ng/ul	96
8) 1-Methylnaphthalene	12.159	142	8656	0.473	ng/ul	100
11) Acenaphthene	14.194	153	12795	0.727	ng/ul	99
12) Fluorene	15.193	166	6718	0.327	ng/ul	99
19) Fluoranthene	18.981	202	2836	0.079	ng/ul#	65
20) Pyrene	19.335	202	1978	0.051	ng/ul#	34
24) Benzo(b)fluoranthene	22.665	252	1226	0.028	ng/ul#	1
25) Benzo(k)fluoranthene	22.665	252	1226	0.023	ng/ul#	1
26) Benzo(a)pyrene	23.153	252	2596	0.063	ng/ul#	49

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

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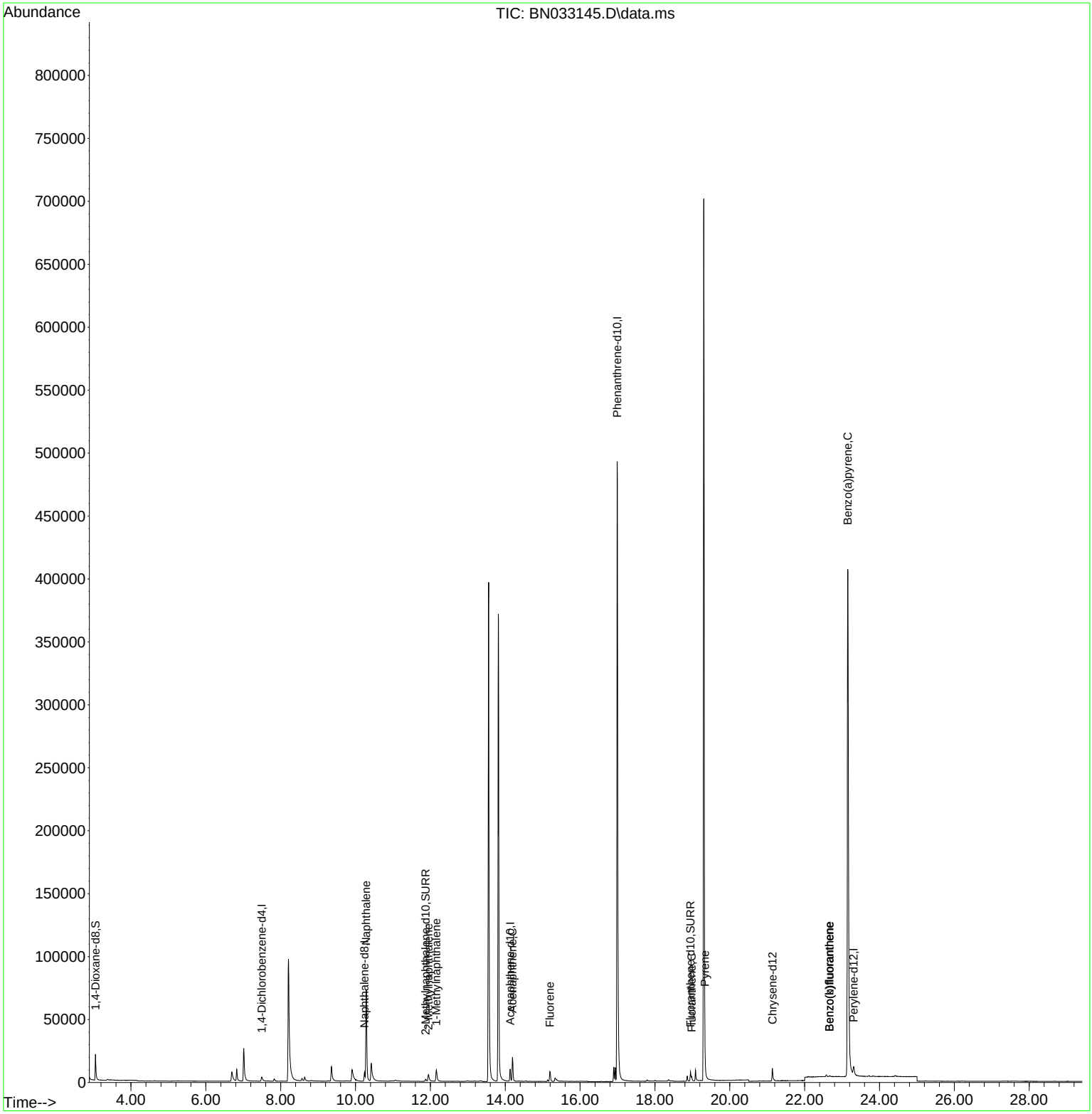
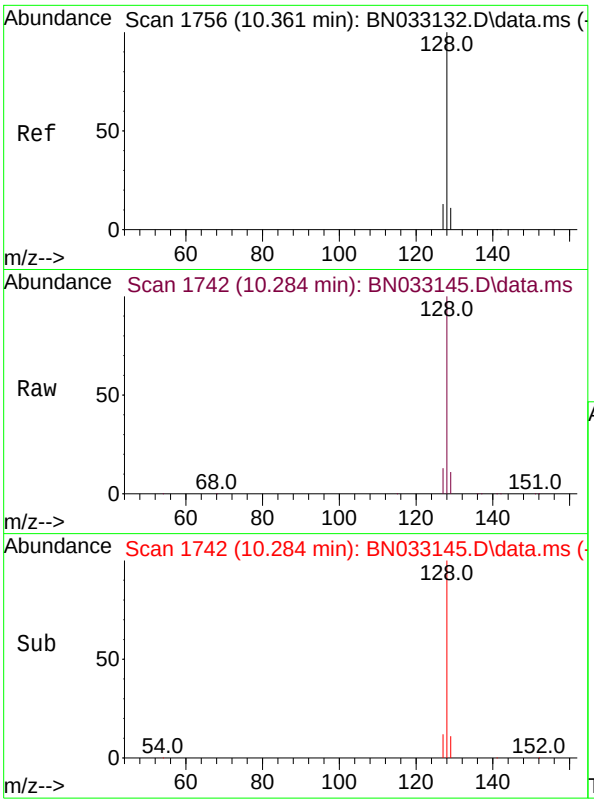


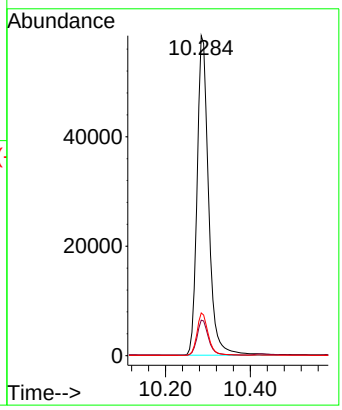


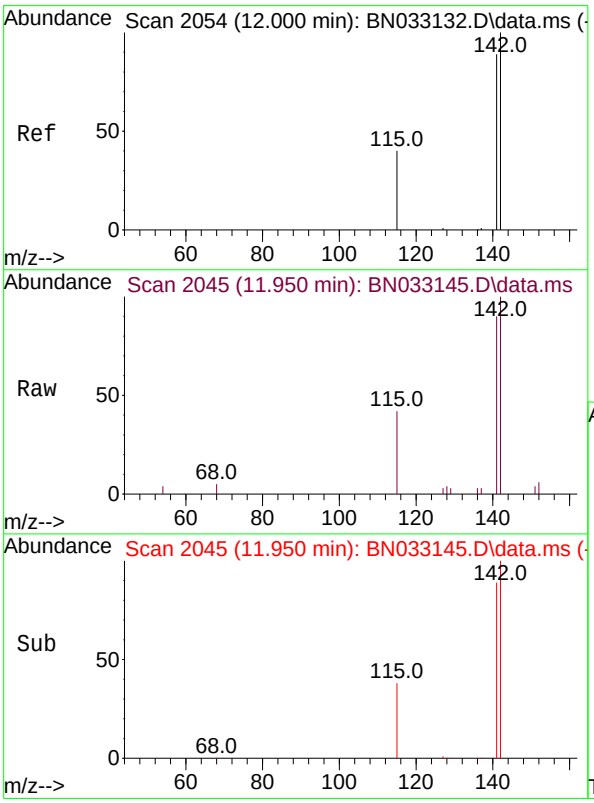
#5
Naphthalene
Concen: 4.400 ng/ul
RT: 10.284 min Scan# 1
Delta R.T. -0.093 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Tgt Ion:128 Resp: 109934

Ion	Ratio	Lower	Upper
128	100		
129	11.1	12.0	18.0#
127	13.3	12.7	19.1

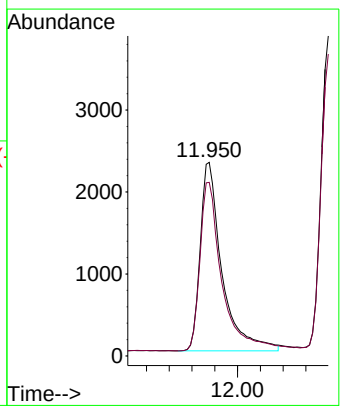


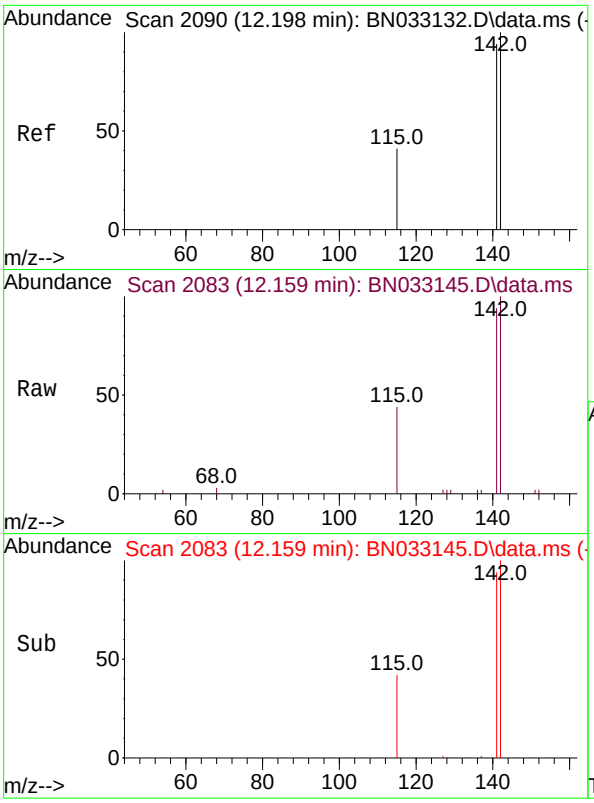


#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.055 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:142 Resp: 6095

Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.2	112.8



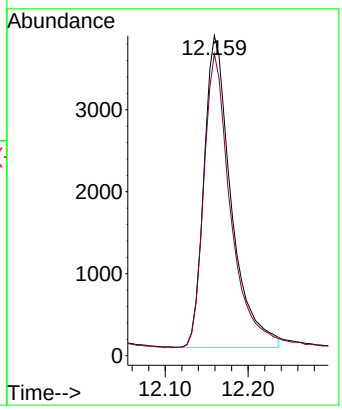


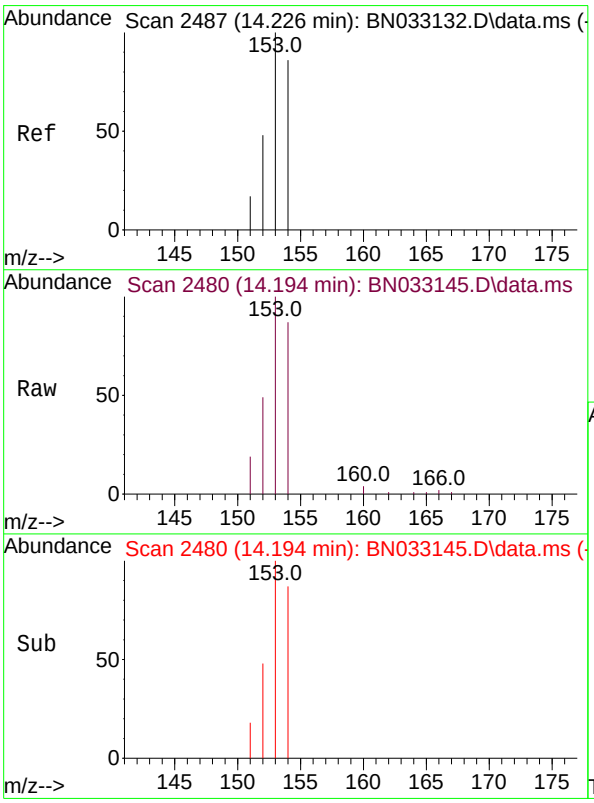
#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.159 min Scan# 2
Delta R.T. -0.038 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Tgt Ion:142 Resp: 8656

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.3	111.5

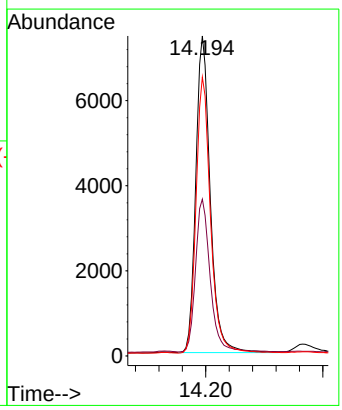


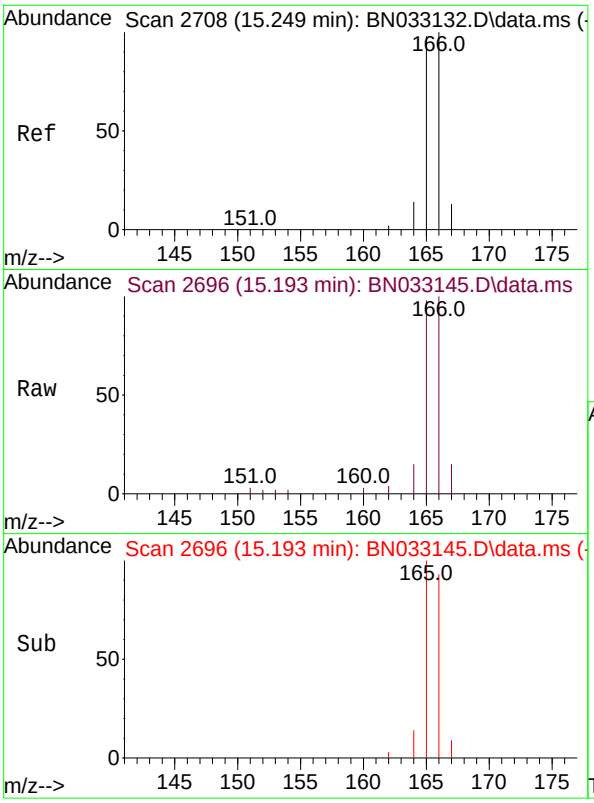


#11
Acenaphthene
Concen: 0.727 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.032 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:153 Resp: 12795

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.0	60.0
154	87.2	70.1	105.1



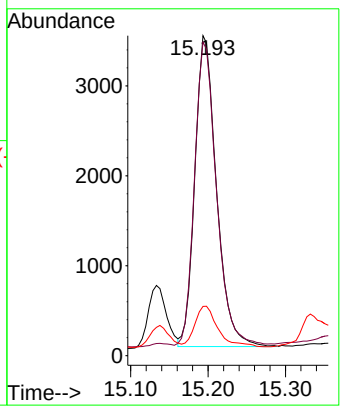


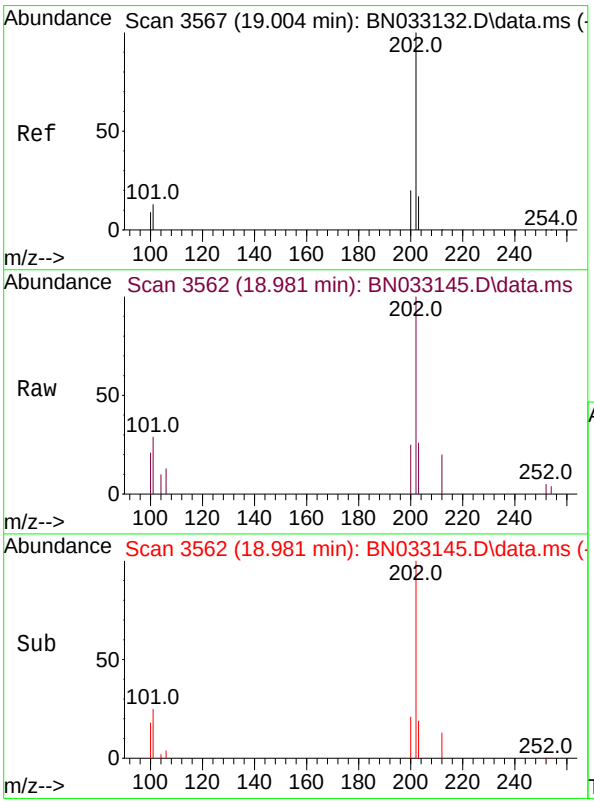
#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.193 min Scan# 2
Delta R.T. -0.055 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Tgt Ion:166 Resp: 6718

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.6	119.4
167	15.4	12.2	18.4

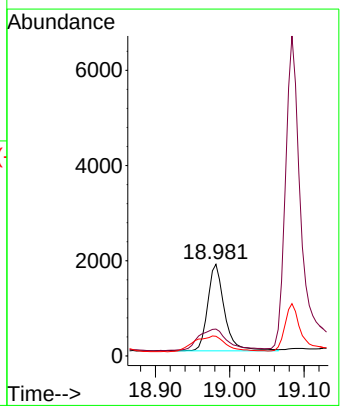


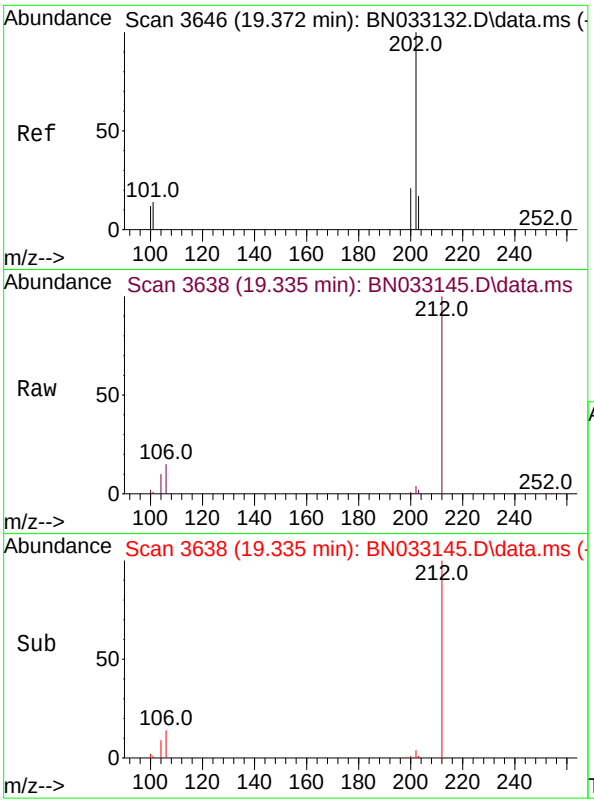


#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 18.981 min Scan# 3562
Delta R.T. -0.023 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:202 Resp: 2836

Ion	Ratio	Lower	Upper
202	100		
101	29.4	10.7	16.1#
100	21.5	8.3	12.5#



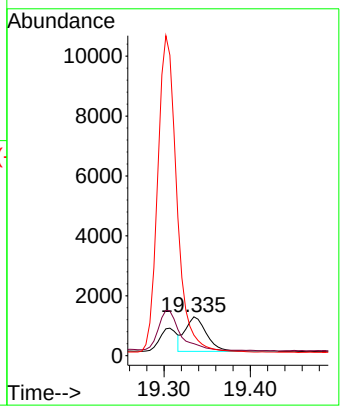


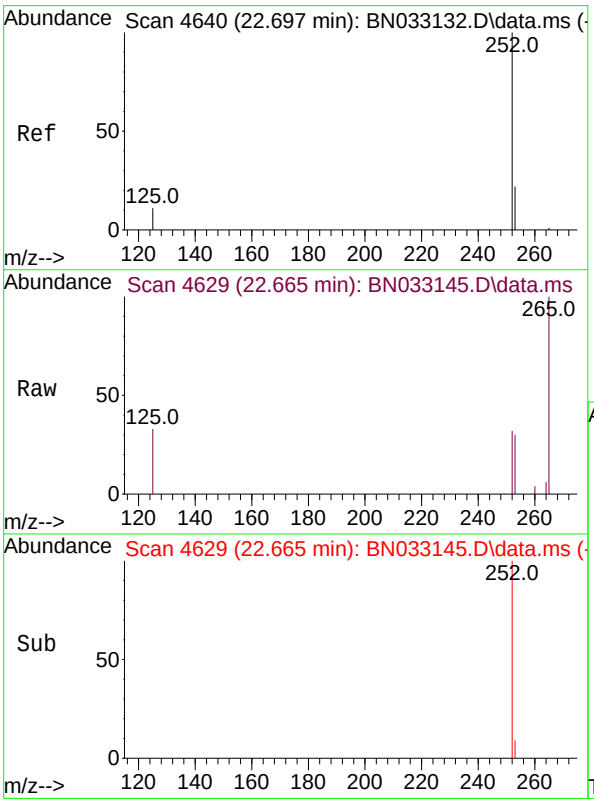
#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.335 min Scan# 3
Delta R.T. -0.037 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Tgt Ion:202 Resp: 1978

Ion	Ratio	Lower	Upper
202	100		
101	30.9	12.6	18.8#
100	53.0	9.9	14.9#

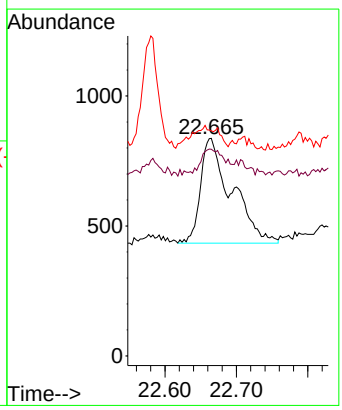


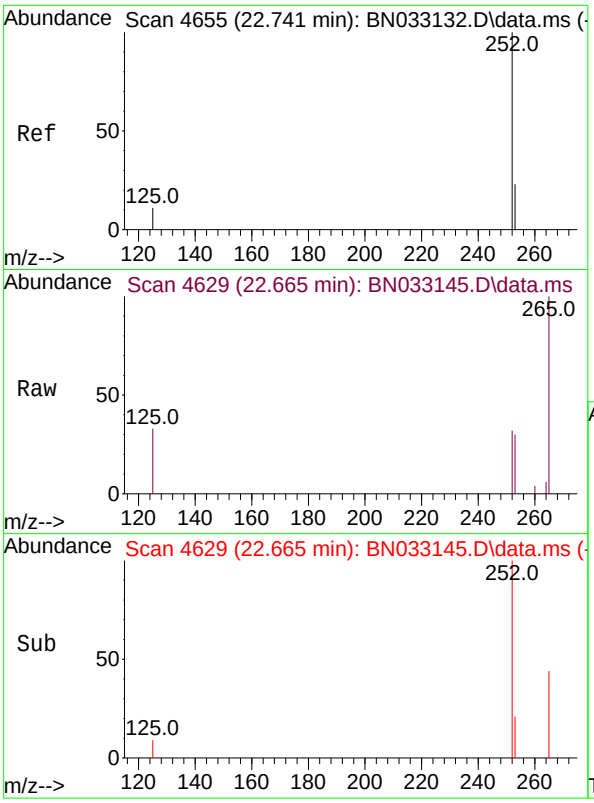


#24
Benzo(b)fluoranthene
Concen: 0.028 ng/ul
RT: 22.665 min Scan# 4629
Delta R.T. -0.017 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:252 Resp: 1226

Ion	Ratio	Lower	Upper
252	100		
253	95.0	0.0	60.6#
125	103.5	0.0	51.0#



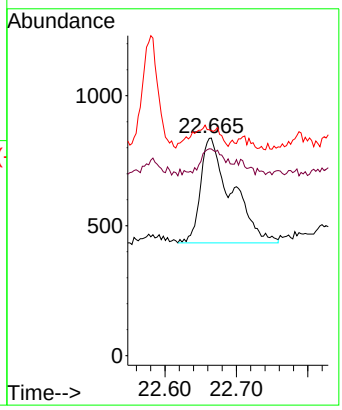


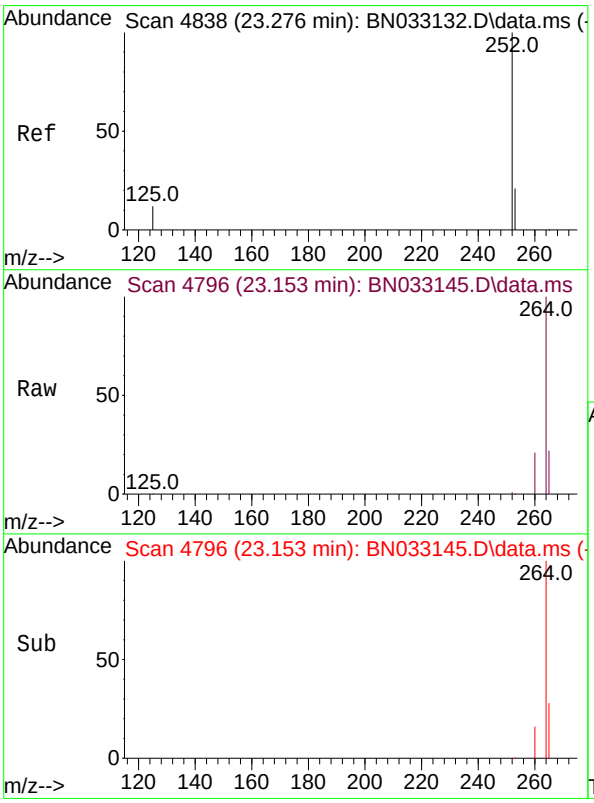
#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul
RT: 22.665 min Scan# 4
Delta R.T. -0.061 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
C0AZ7

Tgt Ion:252 Resp: 1226

Ion	Ratio	Lower	Upper
252	100		
253	95.0	24.9	37.3#
125	103.5	20.9	31.3#





#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.153 min Scan# 4796
Delta R.T. -0.096 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:252 Resp: 2596

Ion	Ratio	Lower	Upper
252	100		
253	62.6	27.5	41.3#
125	64.4	27.0	40.6#