Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Quant Time: Jul 26 01:18:54 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.508	152	4813	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.268	136	16615	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.152	164	13051	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.017	188	1491995	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	23.326	264	26915	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	20985	3.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	8126	0.300	ng/ul	-0.04
18) Fluoranthene-d10	18.963	212	22075	0.000	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.102	88	177	0.026	ng/ul#	1
5) Naphthalene	10.317	128	4957279	116.183	ng/ul#	93
7) 2-Methylnaphthalene	11.939	142	1304365	45.128	ng/ul	95
8) 1-Methylnaphthalene	12.165	142	975205	31.200	ng/ul	99
10) Acenaphthylene	13.875	152	100478	1.881	ng/ul#	95
11) Acenaphthene	14.222	153	3115013	77.534	ng/ul	97
12) Fluorene	15.216	166	2100639	44.860	ng/ul	97
15) Phenanthrene	17.055	178	1433822	0.358	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	5178	0.066	ng/ul#	1
25) Benzo(k)fluoranthene	22.677	252	5178	0.055	ng/ul#	1

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

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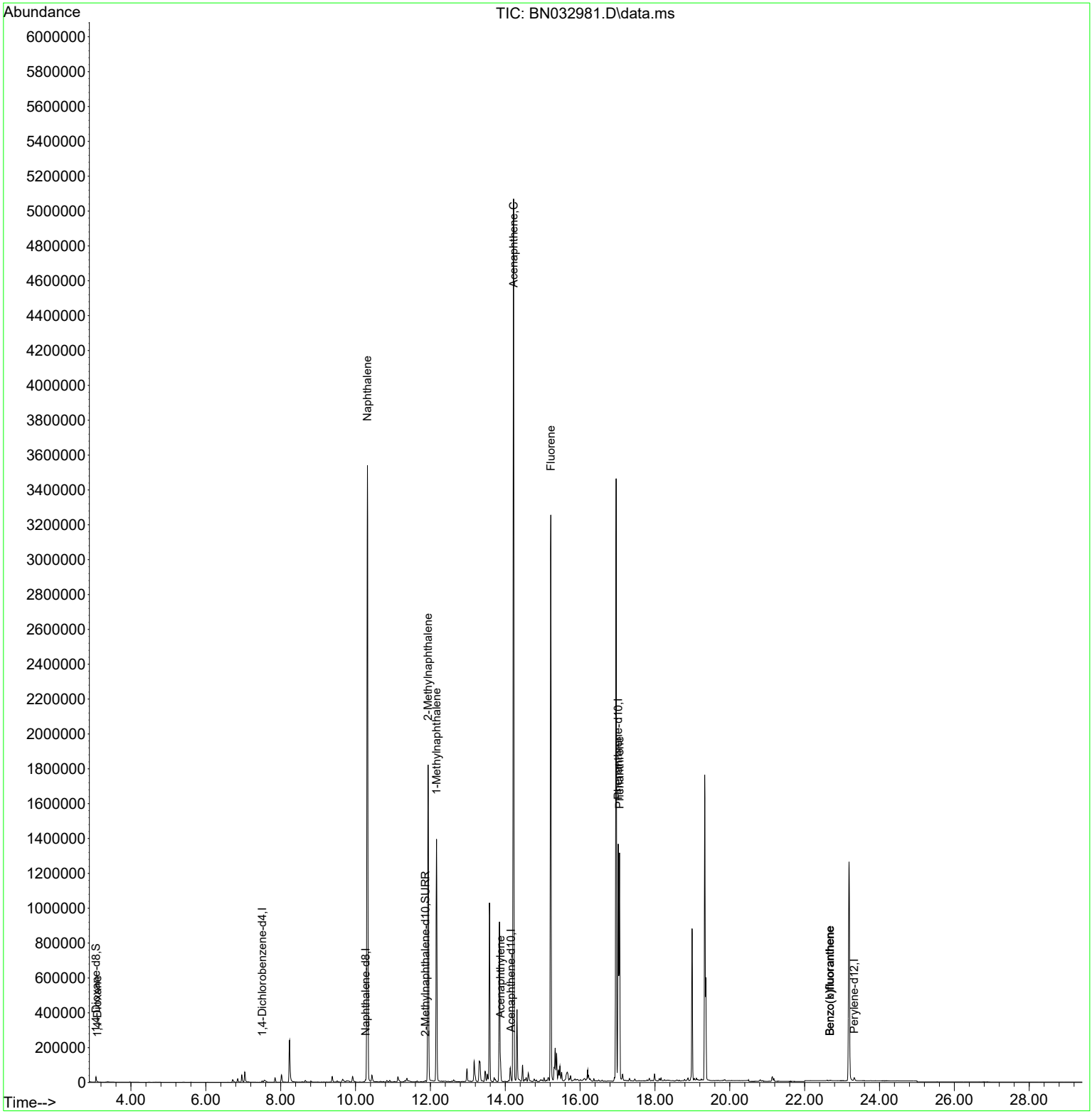
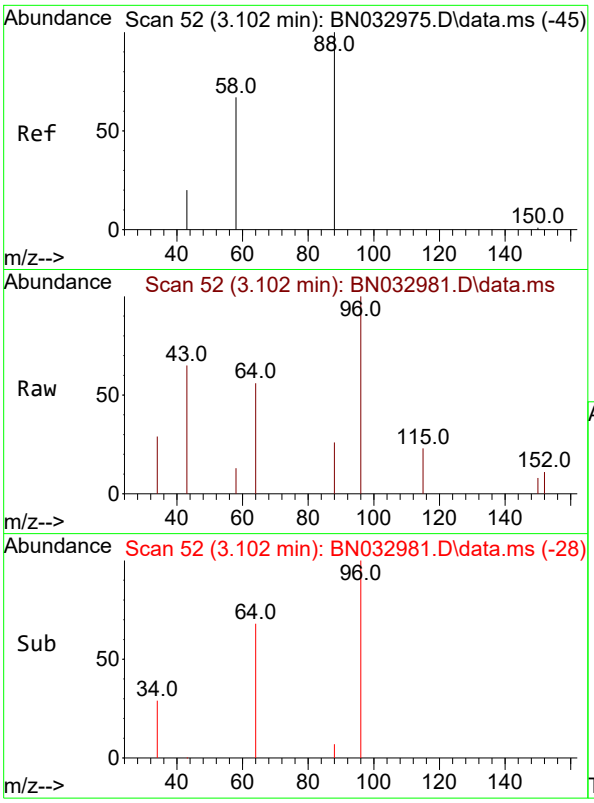


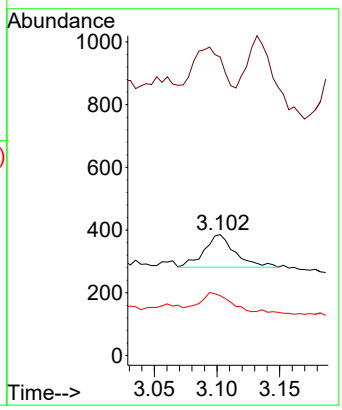


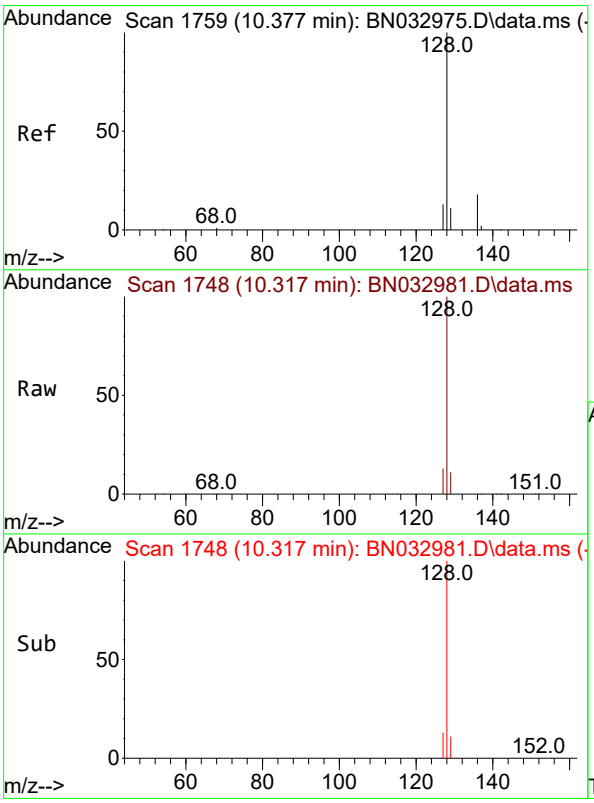
#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.102 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion: 88 Resp: 177

Ion	Ratio	Lower	Upper
88	100		
43	246.6	63.4	95.2#
58	49.5	49.4	74.0

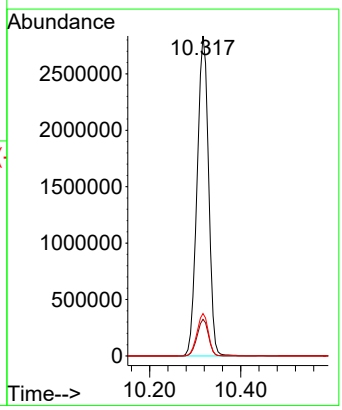


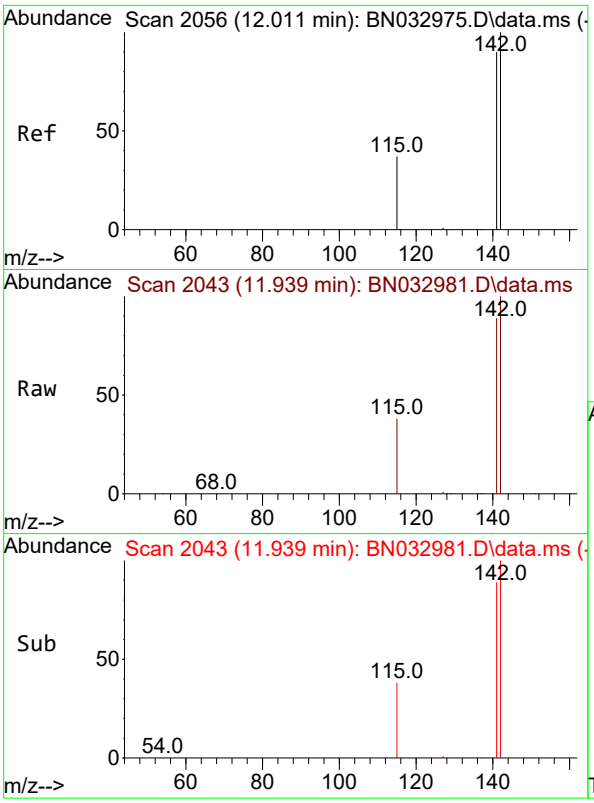


#5
Naphthalene
Concen: 116.183 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:128 Resp: 4957279

Ion	Ratio	Lower	Upper
128	100		
129	11.5	12.0	18.0#
127	13.3	12.7	19.1



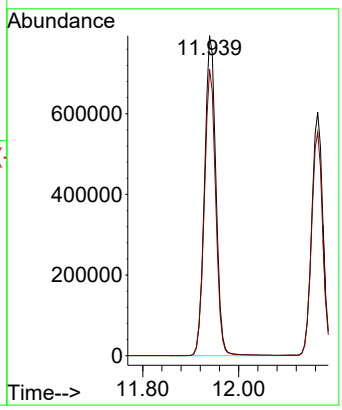


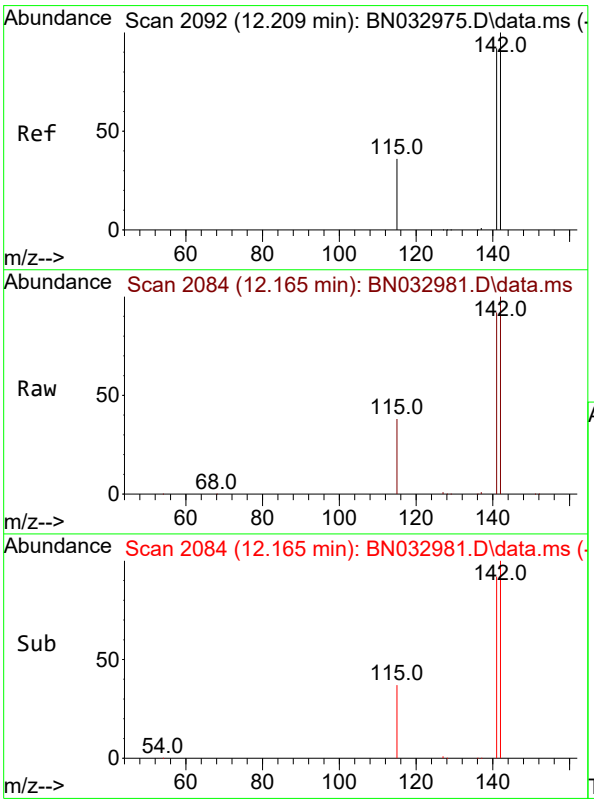
#7
2-Methylnaphthalene
Concen: 45.128 ng/ul
RT: 11.939 min Scan# 2
Delta R.T. -0.044 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion:142 Resp: 1304365

Ion	Ratio	Lower	Upper
142	100		
141	89.2	75.2	112.8

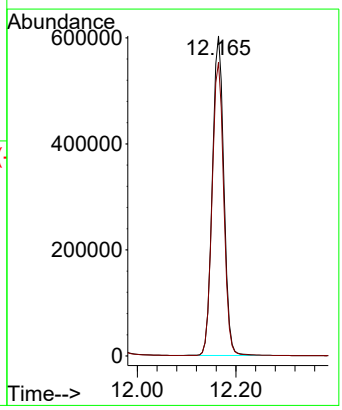


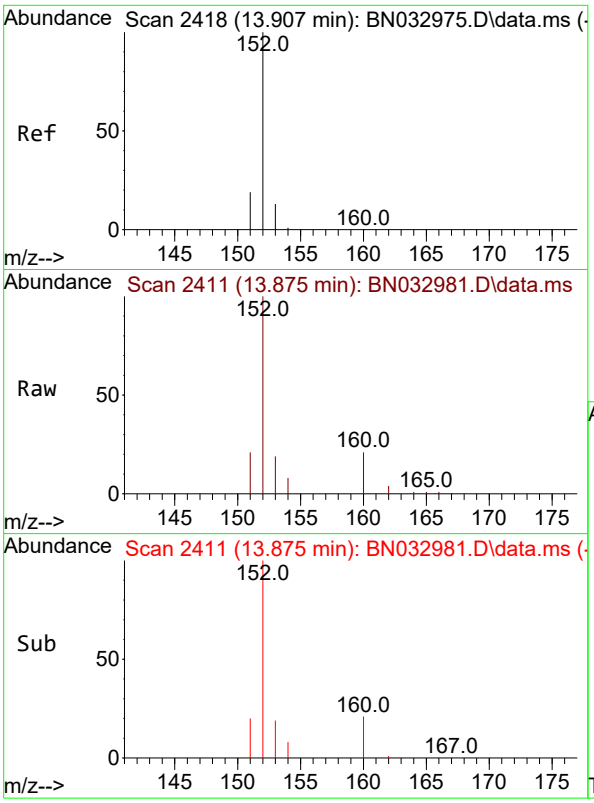


#8
1-Methylnaphthalene
Concen: 31.200 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:142 Resp: 975205

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.3	111.5



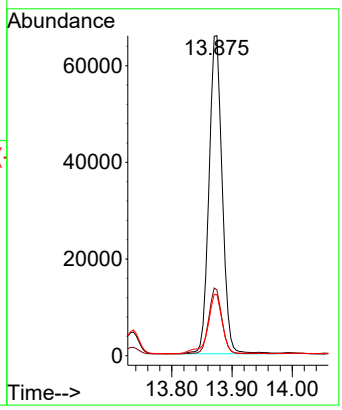


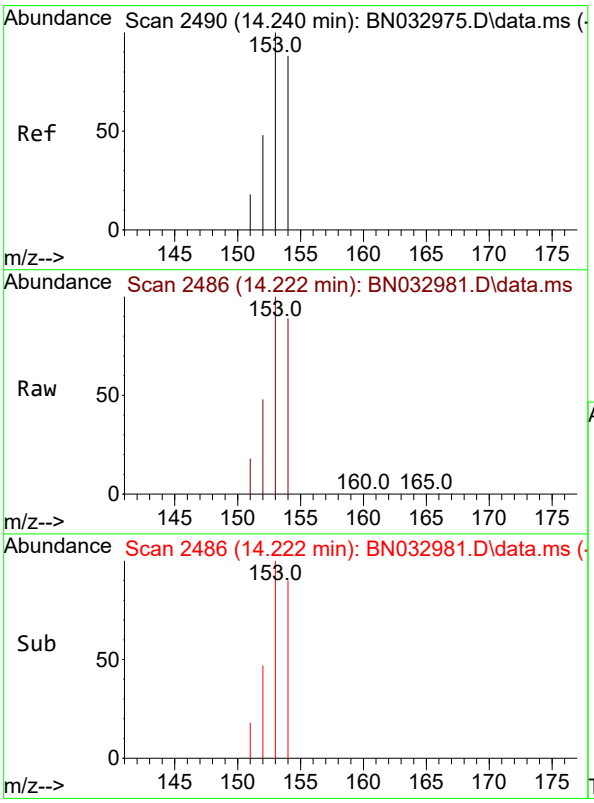
#10
Acenaphthylene
Concen: 1.881 ng/ul
RT: 13.875 min Scan# 24
Delta R.T. -0.023 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion:152 Resp: 100478

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	19.1	11.9	17.9#

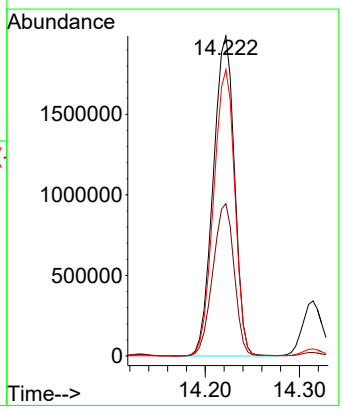


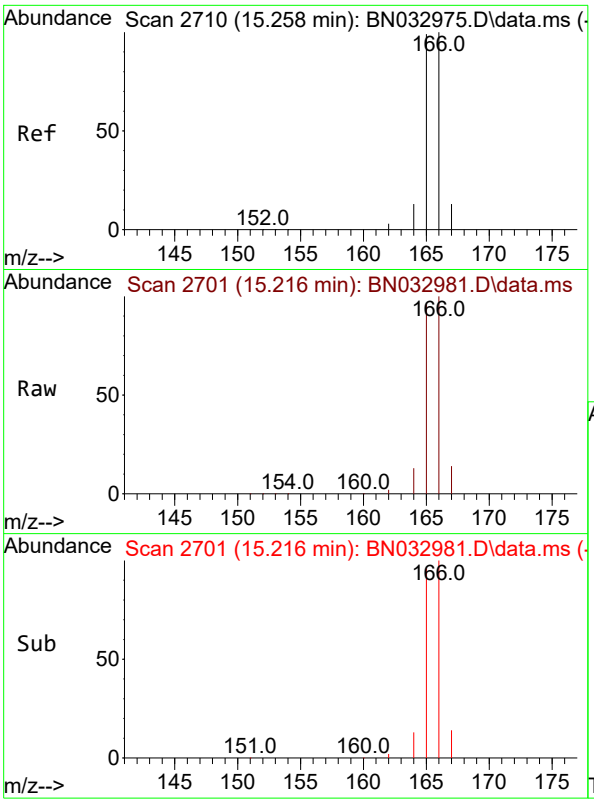


#11
Acenaphthene
Concen: 77.534 ng/ul
RT: 14.222 min Scan# 2486
Delta R.T. -0.014 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:153 Resp: 3115013

Ion	Ratio	Lower	Upper
153	100		
152	47.6	40.0	60.0
154	89.5	70.1	105.1



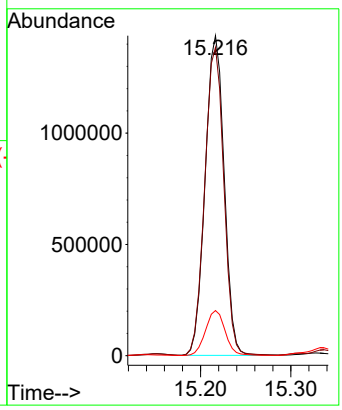


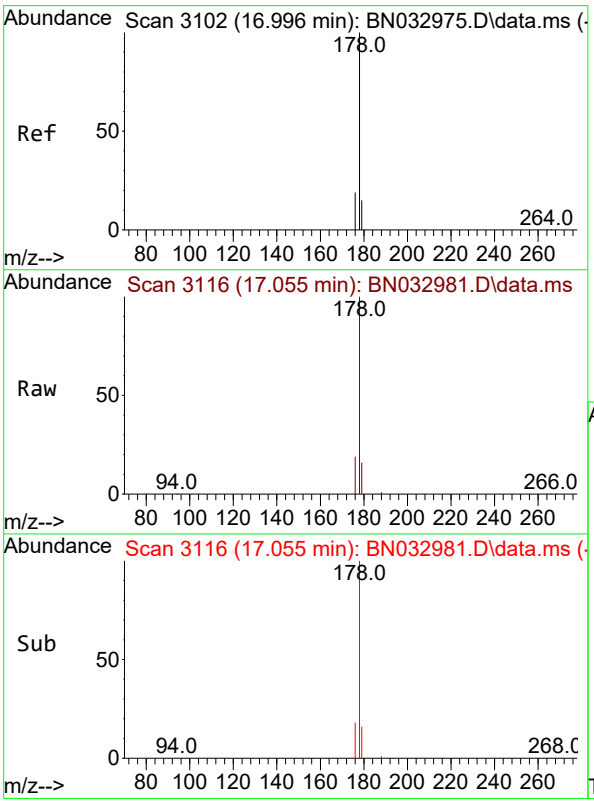
#12
Fluorene
Concen: 44.860 ng/ul
RT: 15.216 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion:166 Resp: 2100639

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.6	119.4
167	14.1	12.2	18.4

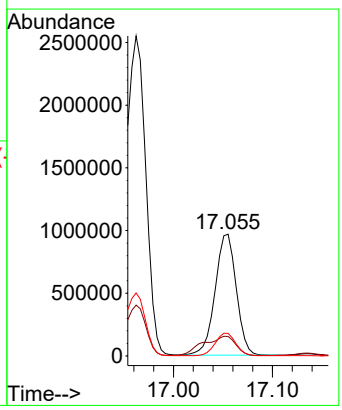


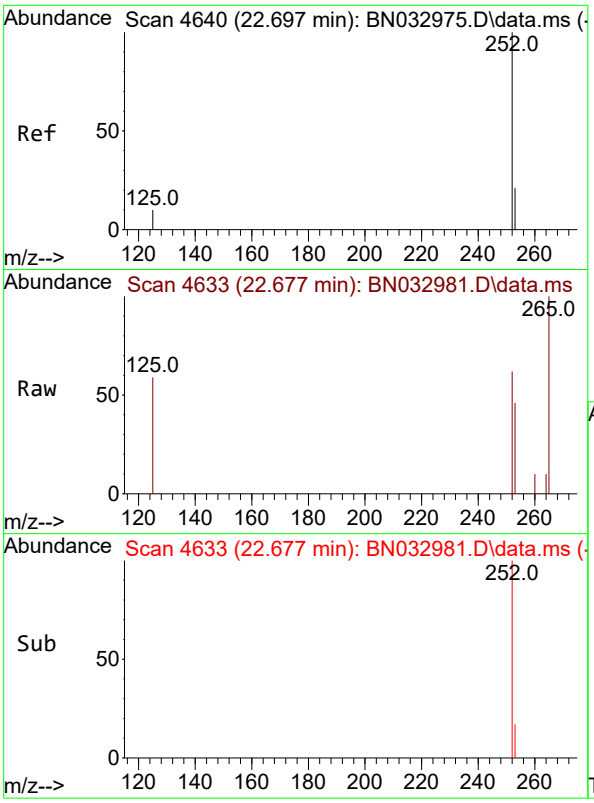


#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. 0.068 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:178 Resp: 1433822

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.7	20.5
176	18.6	15.9	23.9



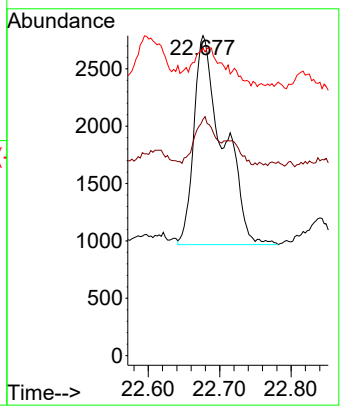


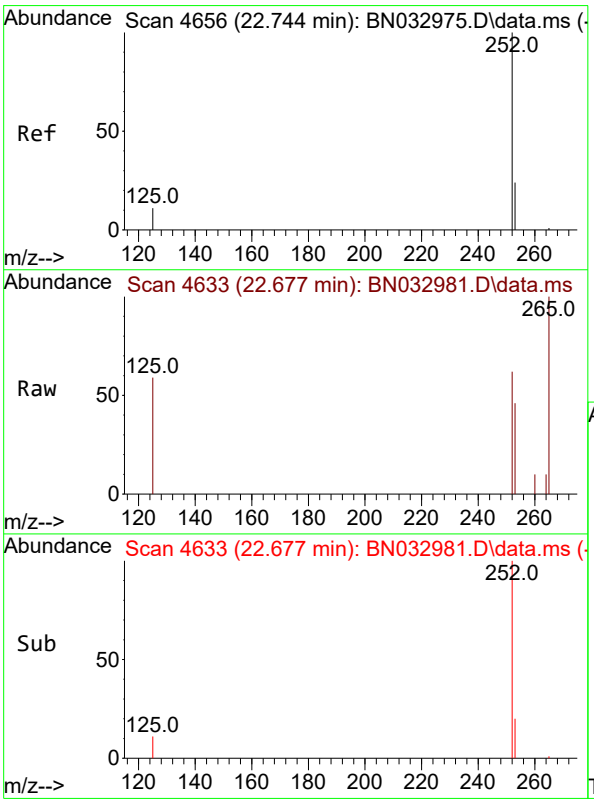
#24
Benzo(b)fluoranthene
Concen: 0.066 ng/ul
RT: 22.677 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion:252 Resp: 5178

Ion	Ratio	Lower	Upper
252	100		
253	73.9	0.0	60.6#
125	96.1	0.0	51.0#





#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul
RT: 22.677 min Scan# 4633
Delta R.T. -0.058 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:252 Resp: 5178

Ion	Ratio	Lower	Upper
252	100		
253	73.9	24.9	37.3#
125	96.1	20.9	31.3#