Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027935.D
Acq On : 28 Sep 2023 20:42
Operator : MA/JU
Sample : 04480-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBJZ7

Quant Time: Sep 29 04:00:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	1571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	6145	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	4421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	9607	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	8713	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	8694	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14210	7.181	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	7919	0.850	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	24658	0.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	699	0.339	ng/ul#	58
5) Naphthalene	10.828	128	1366	0.078	ng/ul#	81
7) 2-Methylnaphthalene	12.434	142	663	0.059	ng/ul	96
8) 1-Methylnaphthalene	12.654	142	378	0.033	ng/ul	96
20) Pyrene	19.752	202	3474	0.096	ng/ul#	1
24) Benzo(b)fluoranthene	23.246	252	867	0.022	ng/ul#	1
26) Benzo(a)pyrene	23.854	252	6508	0.209	ng/ul#	43

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

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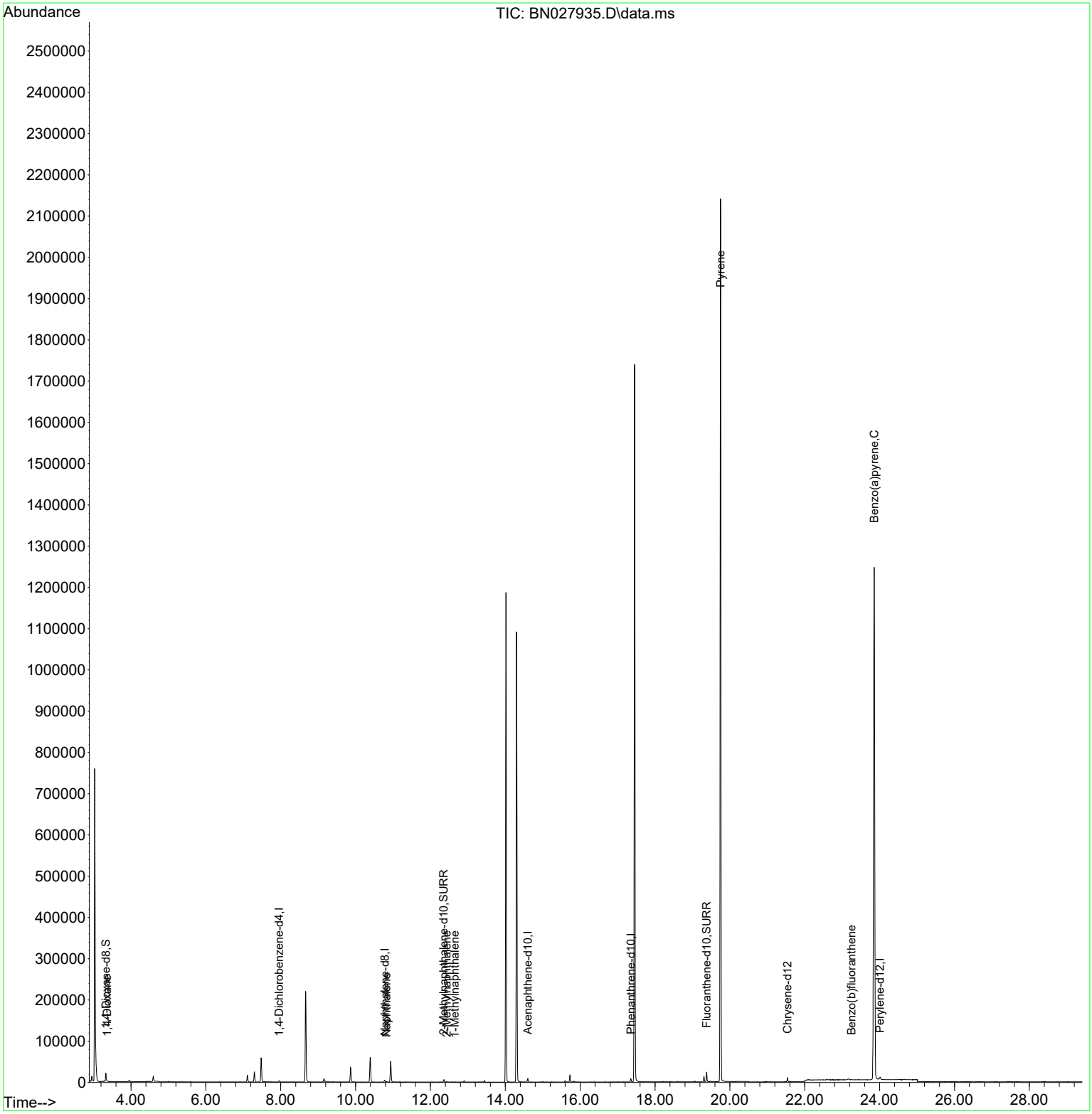
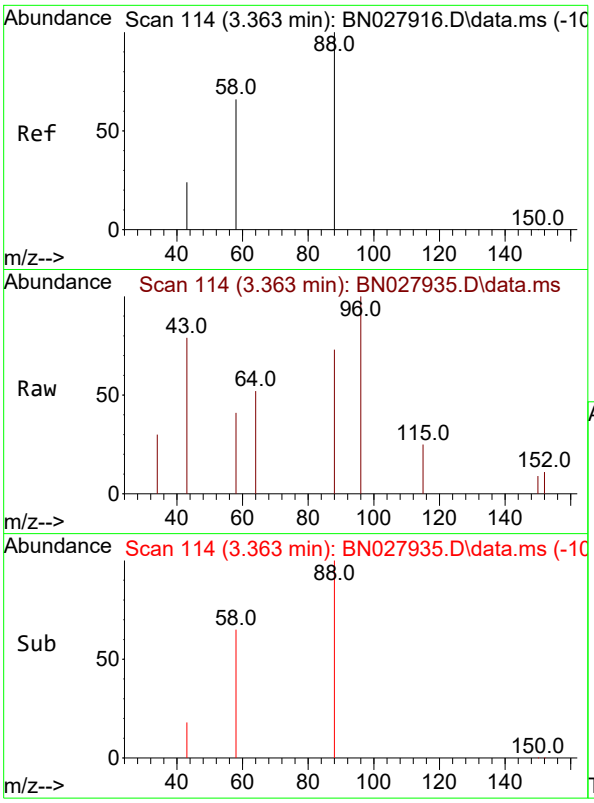


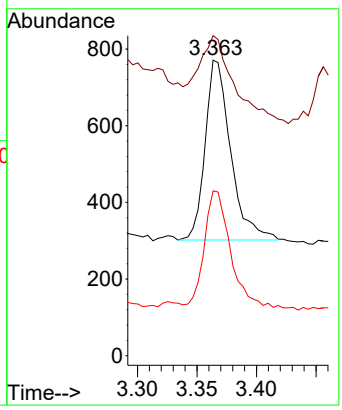


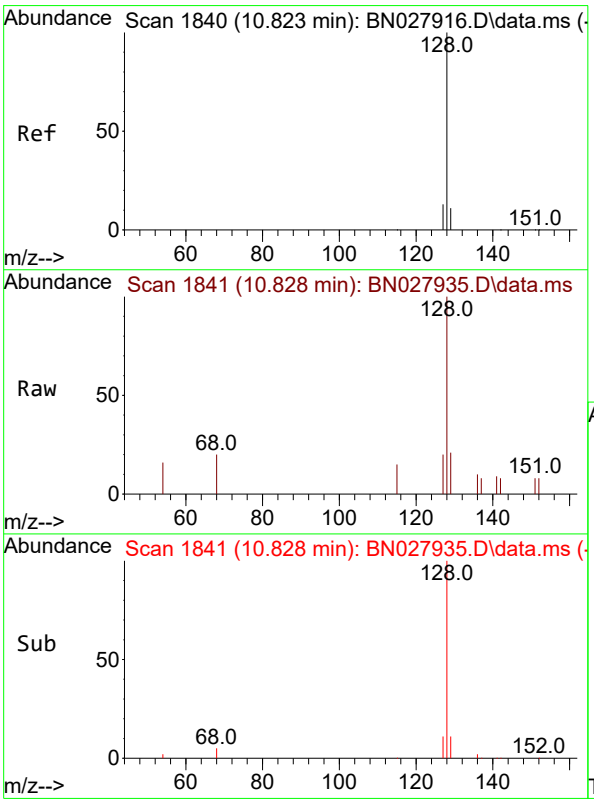
#2
1,4-Dioxane
Concen: 0.339 ng/ul
RT: 3.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Instrument :
BNA_N
ClientSampleId :
BBJZ7

Tgt Ion: 88 Resp: 699

Ion	Ratio	Lower	Upper
88	100		
43	108.3	39.6	59.4#
58	55.8	48.3	72.5

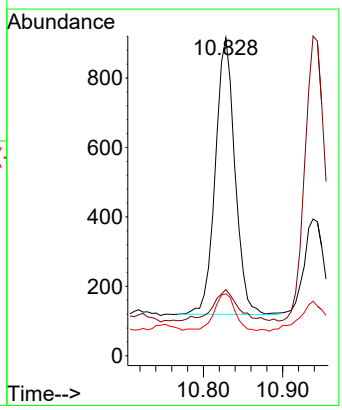


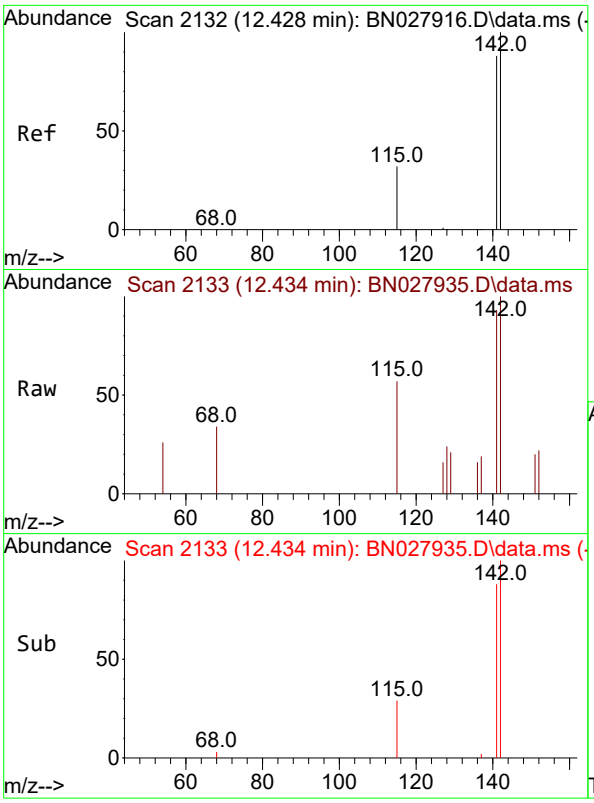


#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Tgt Ion:128 Resp: 1366

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.3	13.9#
127	19.5	10.7	16.1#



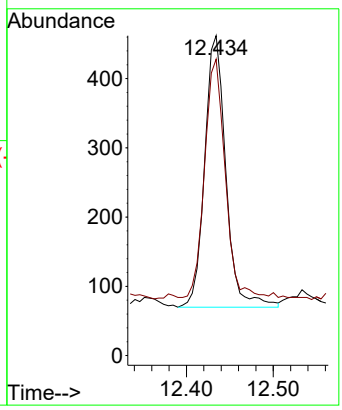


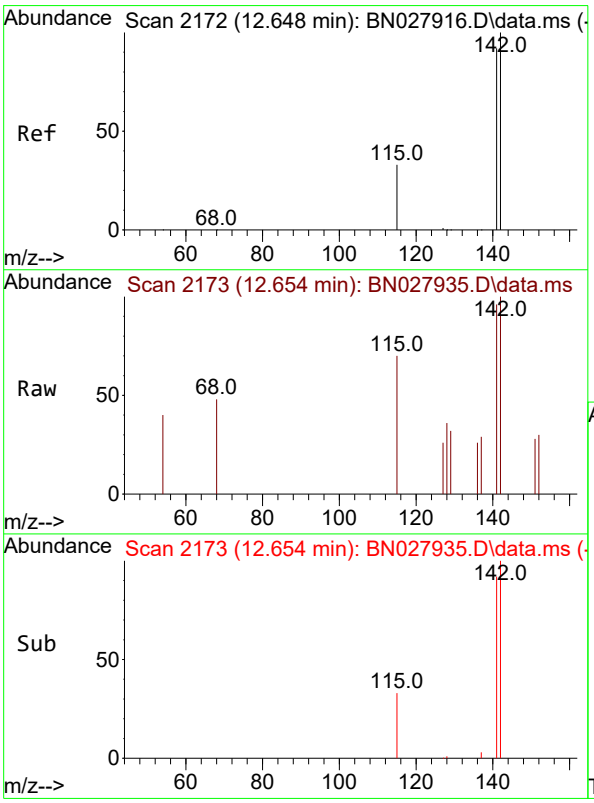
#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.434 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Instrument :
BNA_N
ClientSampleId :
BBJZ7

Tgt Ion:142 Resp: 663

Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.1	106.7

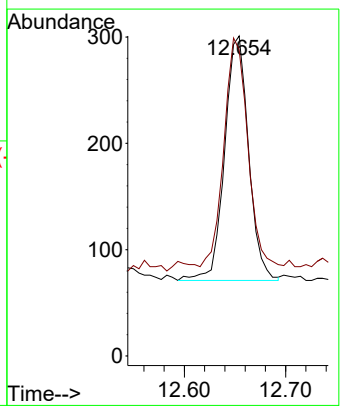


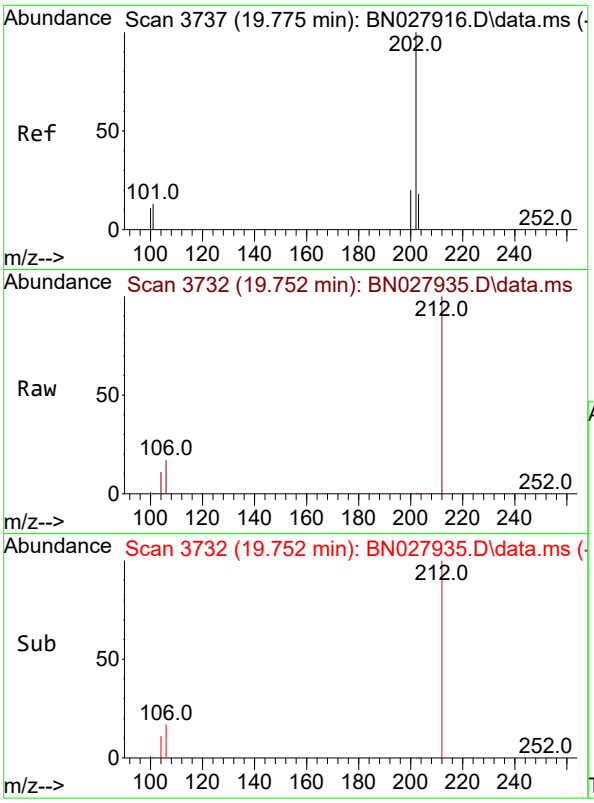


#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Tgt Ion:142 Resp: 378

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.8	109.2



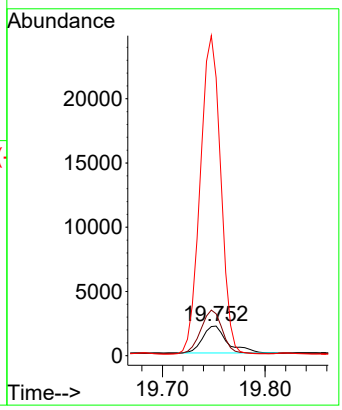


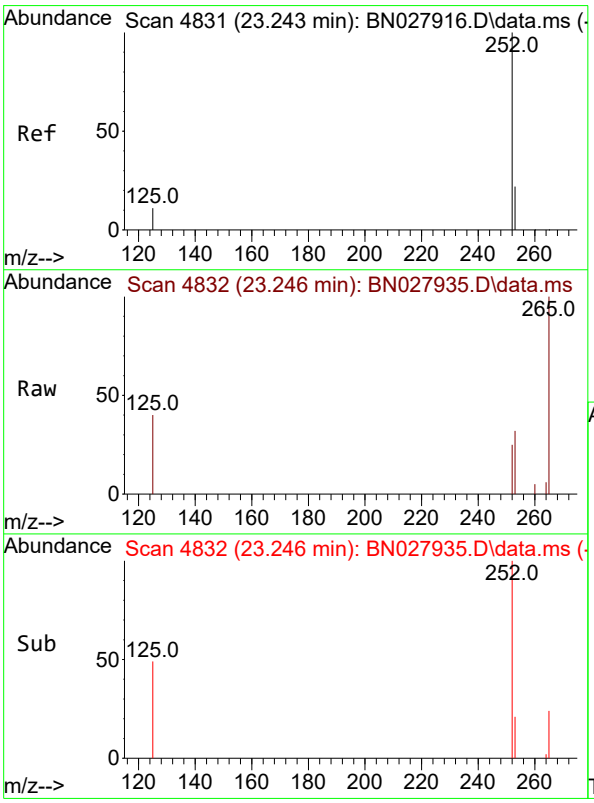
#20
Pyrene
Concen: 0.096 ng/ul
RT: 19.752 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Instrument :
BNA_N
ClientSampleId :
BBJZ7

Tgt Ion:202 Resp: 3474

Ion	Ratio	Lower	Upper
202	100		
101	141.4	11.4	17.0#
100	939.2	9.1	13.7#

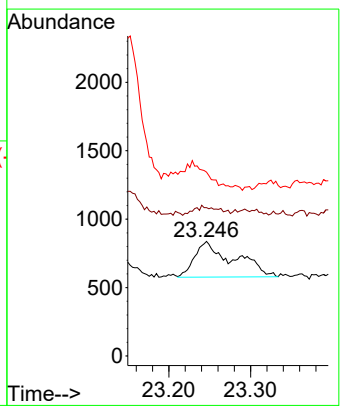


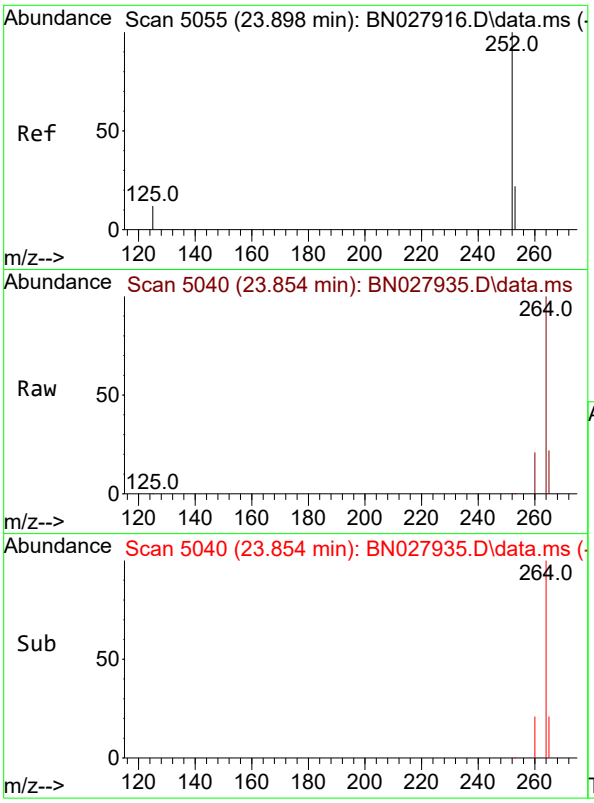


#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Tgt Ion:252 Resp: 867

Ion	Ratio	Lower	Upper
252	100		
253	129.5	0.0	50.2#
125	160.6	0.0	31.4#





#26
Benzo(a)pyrene
Concen: 0.209 ng/ul
RT: 23.854 min Scan# 5
Delta R.T. -0.041 min
Lab File: BN027935.D
Acq: 28 Sep 2023 20:42

Instrument :
BNA_N
ClientSampleId :
BBJZ7

Tgt Ion:252 Resp: 6508

Ion	Ratio	Lower	Upper
252	100		
253	52.8	21.9	32.9#
125	50.9	15.5	23.3#