Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021817.D
Acq On : 19 Sep 2022 23:50
Operator : CG/JU
Sample : N4595-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:28:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	22079	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.708	164	13250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	24848	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.644	240	15250	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	12408	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	31030	3.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	10998	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	21493	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	290458	34.630	ng/ul#	84
7) 2-Methylnaphthalene	12.544	142	865	0.021	ng/ul#	4
10) Acenaphthylene	14.439	152	1379	0.025	ng/ul#	11
14) Pentachlorophenol	17.109	266	111	0.023	ng/ul#	77
16) Anthracene	17.595	178	8717	0.134	ng/ul#	82
20) Pyrene	19.882	202	12529	0.178	ng/ul#	86
21) Benzo(a)anthracene	21.627	228	1738	0.034	ng/ul#	47
26) Benzo(a)pyrene	23.992	252	3572	0.078	ng/ul#	19

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

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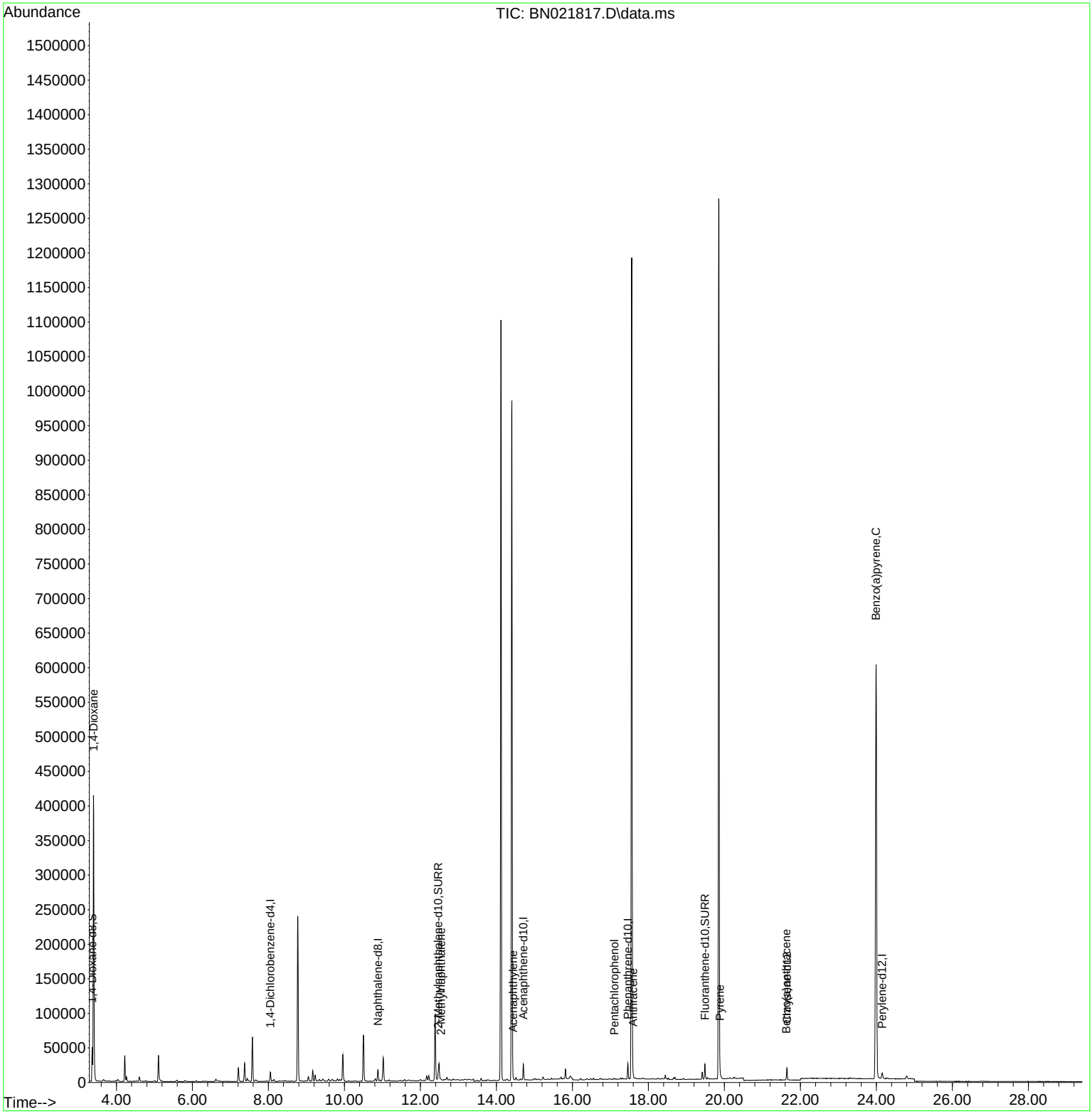
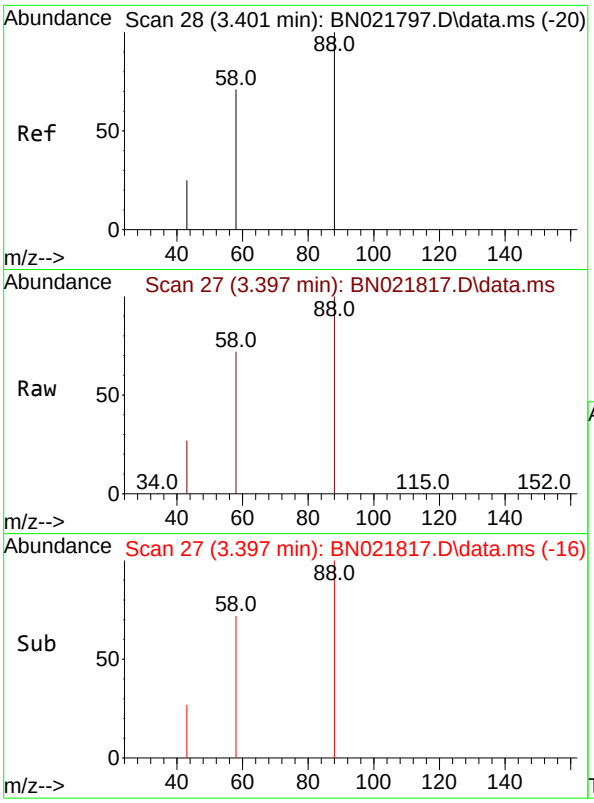


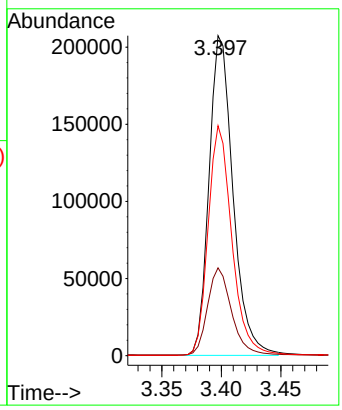


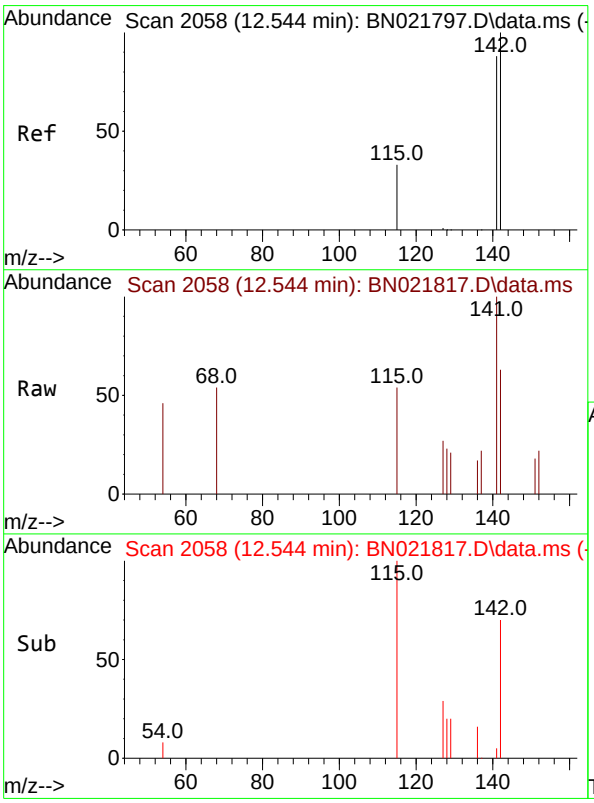
#2
1,4-Dioxane
Concen: 34.630 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 290458

Ion	Ratio	Lower	Upper
88	100		
43	27.5	31.4	47.0#
58	71.8	49.0	73.6

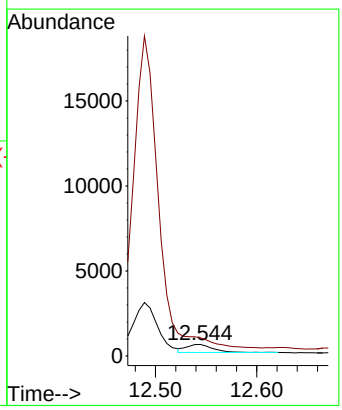


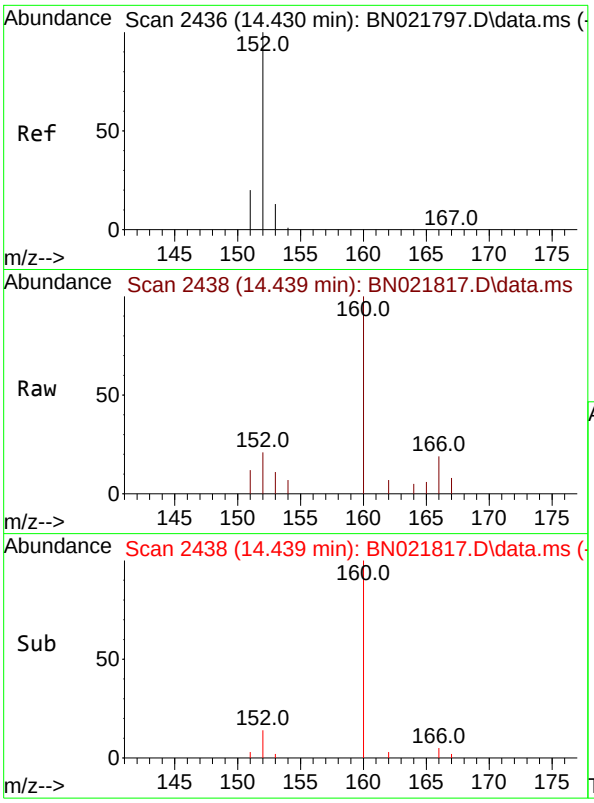


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Tgt Ion:142 Resp: 865

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.2	108.2#



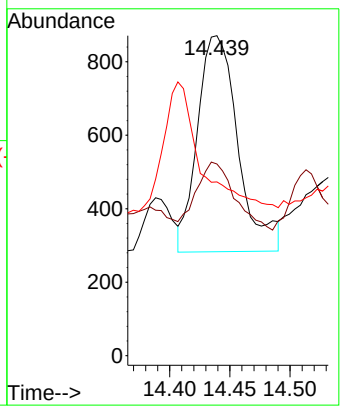


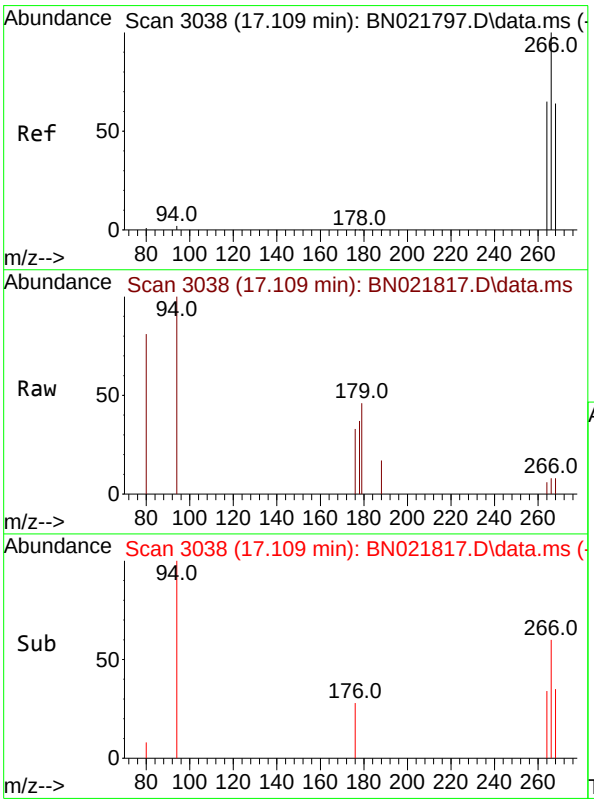
#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.439 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1379

Ion	Ratio	Lower	Upper
152	100		
151	59.9	16.9	25.3#
153	54.3	11.2	16.8#

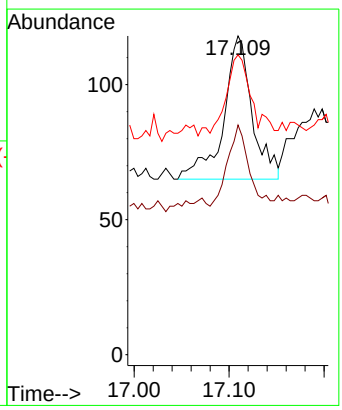


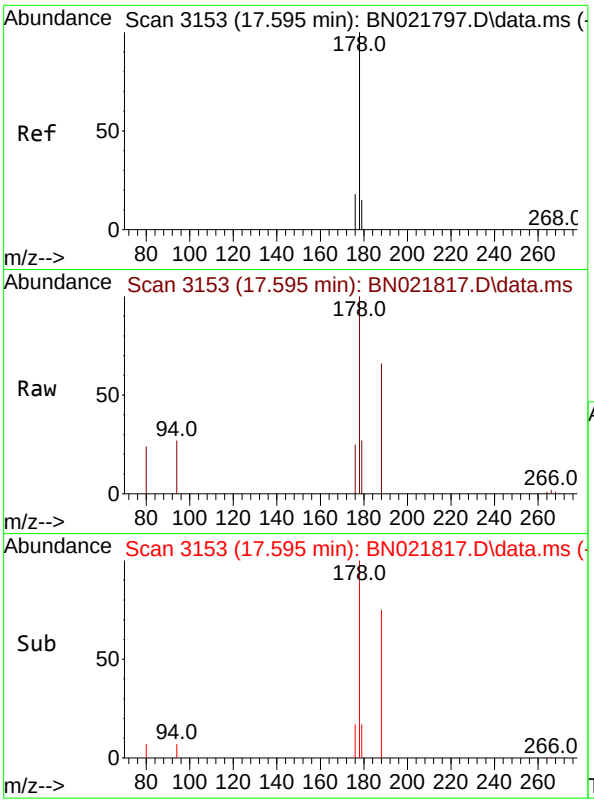


#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Tgt Ion:266 Resp: 111

Ion	Ratio	Lower	Upper
266	100		
264	41.4	49.8	74.8#
268	47.7	50.6	75.8#



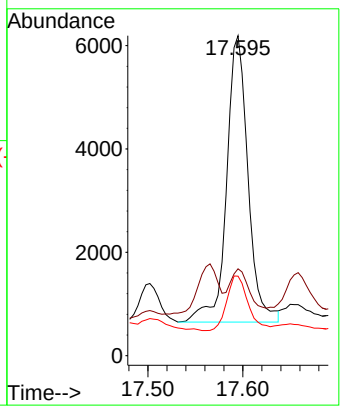


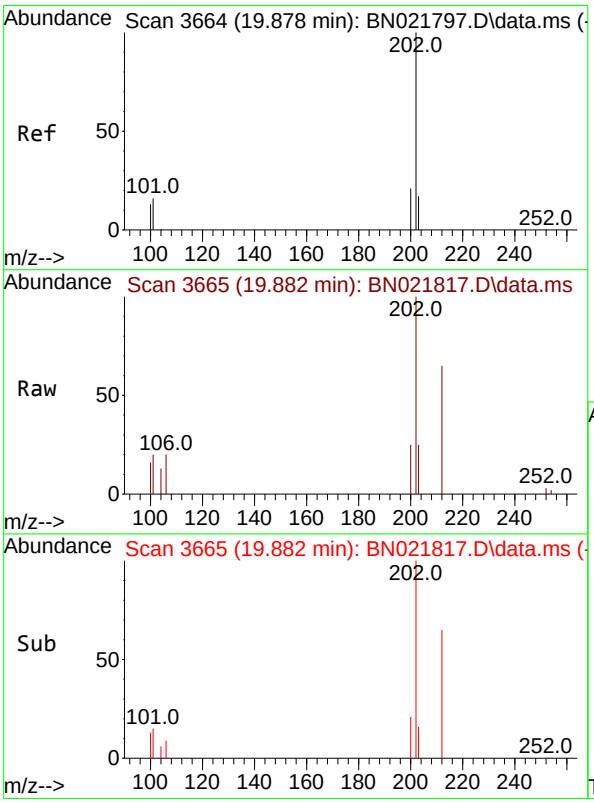
#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.595 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 8717

Ion	Ratio	Lower	Upper
178	100		
179	27.2	12.9	19.3#
176	24.9	15.9	23.9#

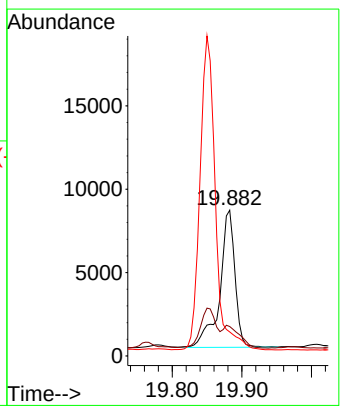


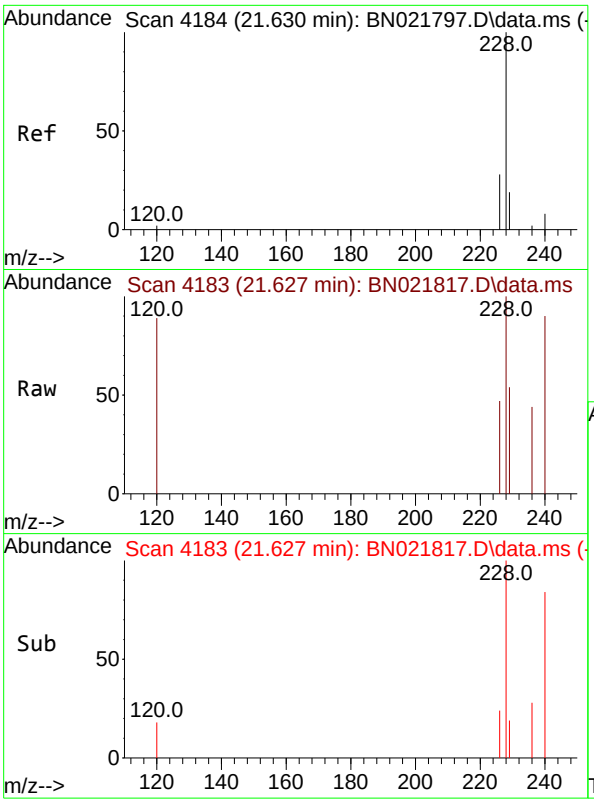


#20
Pyrene
Concen: 0.178 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Tgt Ion:202 Resp: 12529

Ion	Ratio	Lower	Upper
202	100		
101	20.2	11.3	16.9#
100	16.5	9.0	13.4#



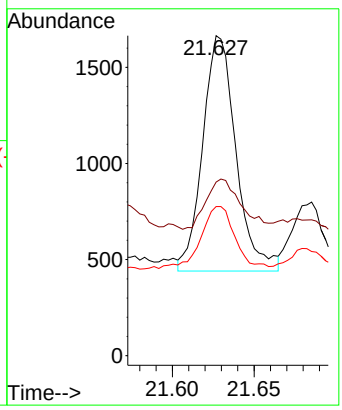


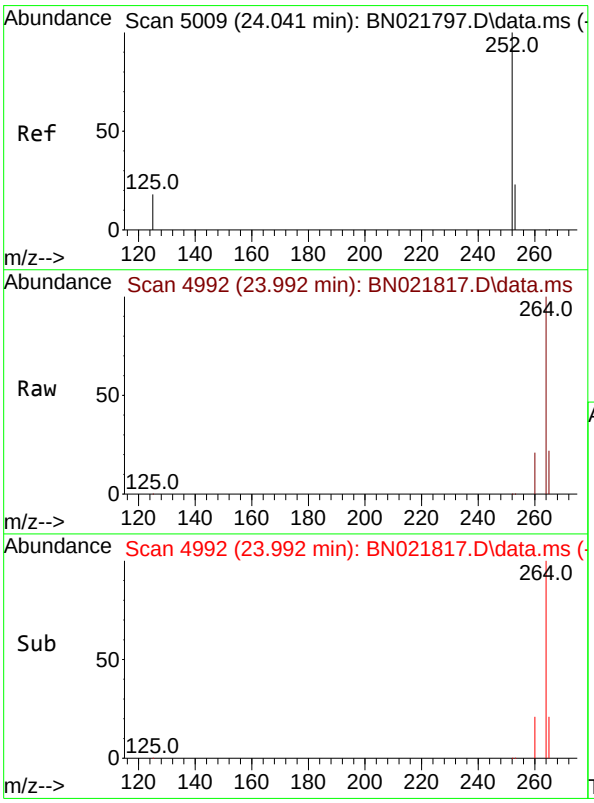
#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.627 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1738

Ion	Ratio	Lower	Upper
228	100		
229	54.2	16.0	24.0#
226	46.6	21.9	32.9#





#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.992 min Scan# 4992
Delta R.T. -0.050 min
Lab File: BN021817.D
Acq: 19 Sep 2022 23:50

Tgt Ion:252 Resp: 3572

Ion	Ratio	Lower	Upper
252	100		
253	61.7	22.1	33.1#
125	65.1	14.7	22.1#