Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023409.D
Acq On : 24 Dec 2022 14:15
Operator : CG/JU
Sample : N6018-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Quant Time: Dec 24 23:18:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	23783	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	14305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	31895	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	22730	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	15785	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	28893	3.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	9983	0.271	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	22841	0.278	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	169	0.021	ng/ul#	1
5) Naphthalene	10.859	128	3499	0.050	ng/ul#	92
7) 2-Methylnaphthalene	12.470	142	3150	0.071	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	2523	0.055	ng/ul	100
15) Phenanthrene	17.429	178	12697	0.122	ng/ul	97
19) Fluoranthene	19.444	202	32076	0.291	ng/ul#	92
20) Pyrene	19.811	202	27050	0.243	ng/ul	99
21) Benzo(a)anthracene	21.558	228	13060	0.148	ng/ul#	90
22) Chrysene	21.614	228	16979	0.189	ng/ul#	80
24) Benzo(b)fluoranthene	23.277	252	28325	0.347	ng/ul#	62
26) Benzo(a)pyrene	23.920	252	11920	0.184	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.584	276	9583	0.127	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.595	278	2408	0.041	ng/ul#	4
29) Benzo(g,h,i)perylene	27.376	276	9600	0.156	ng/ul#	81

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

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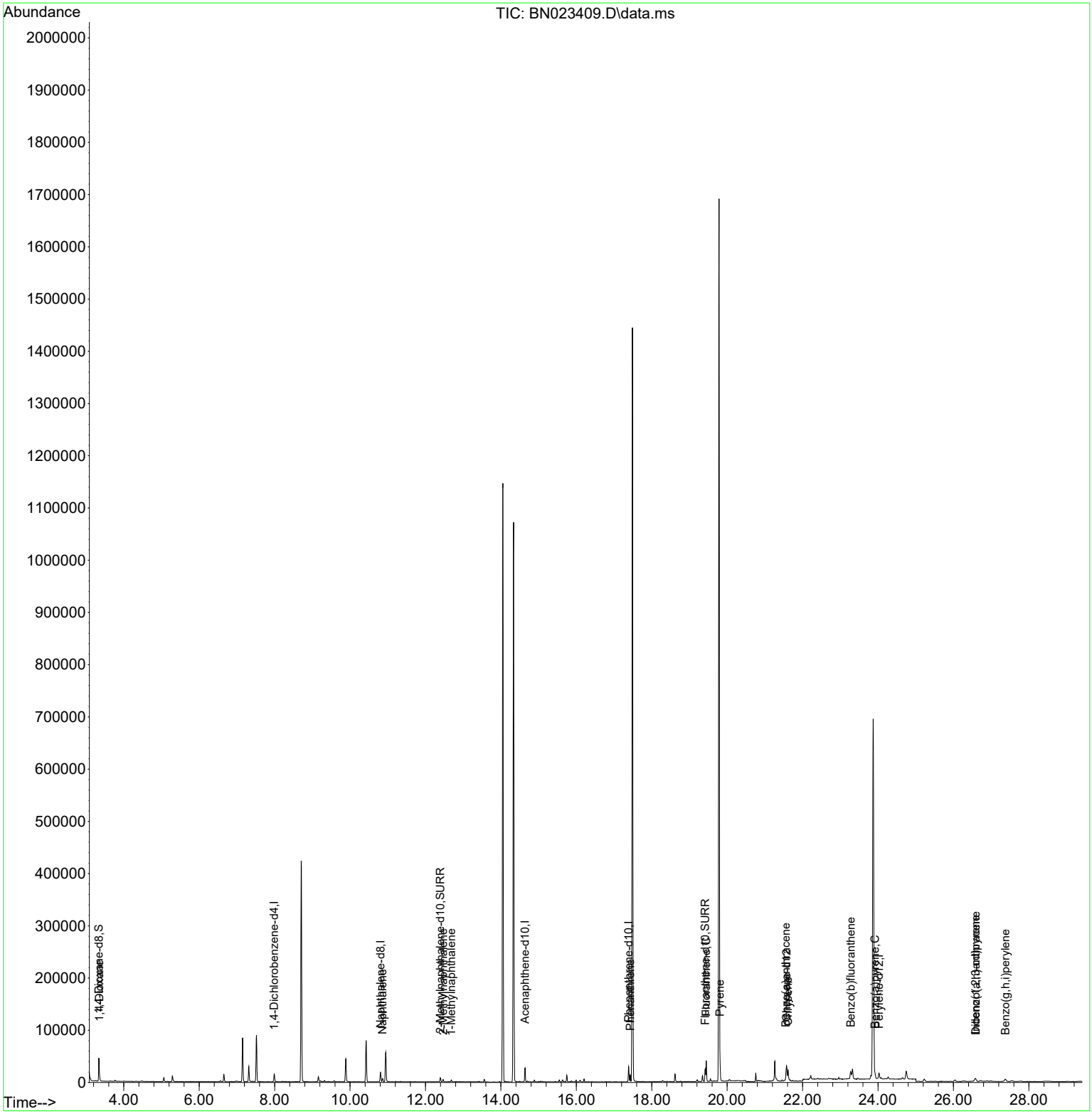
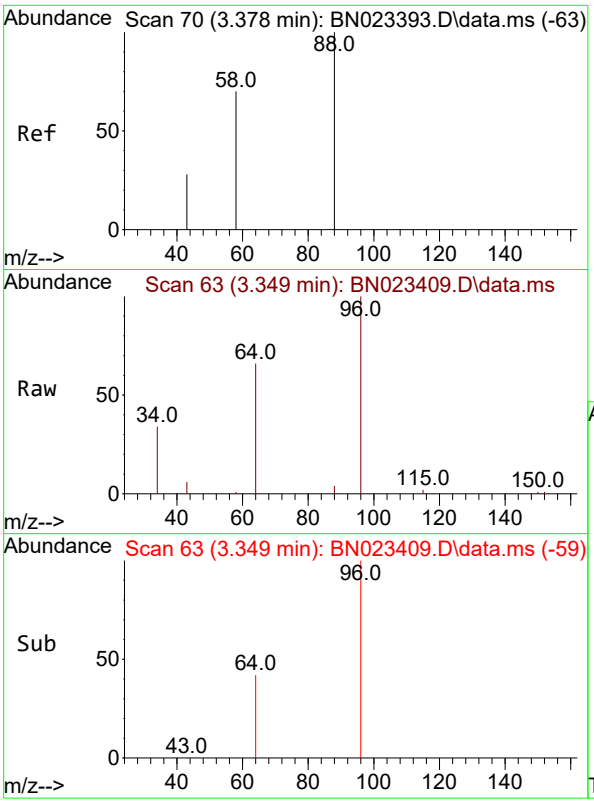
Instrument :
BNA_N
ClientSampleId :
DBYJ3

Quant Time: Dec 24 23:18:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



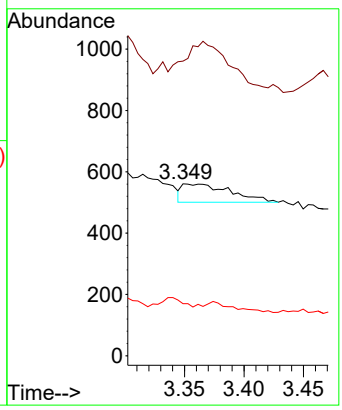


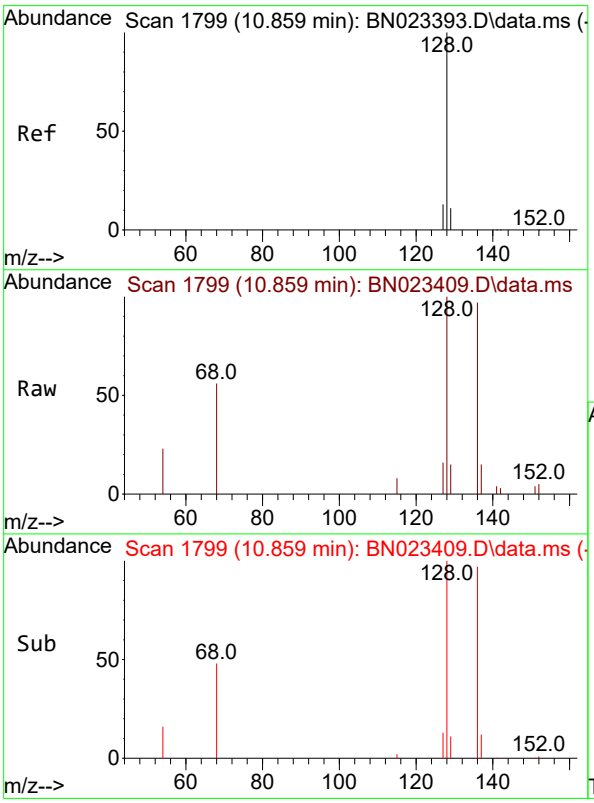
#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.349 min Scan# 6
Delta R.T. -0.034 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion: 88 Resp: 169

Ion	Ratio	Lower	Upper
88	100		
43	171.3	28.4	42.6#
58	30.3	45.6	68.4#

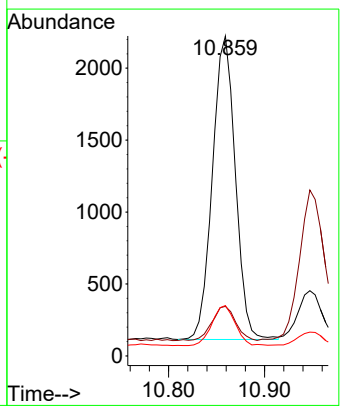


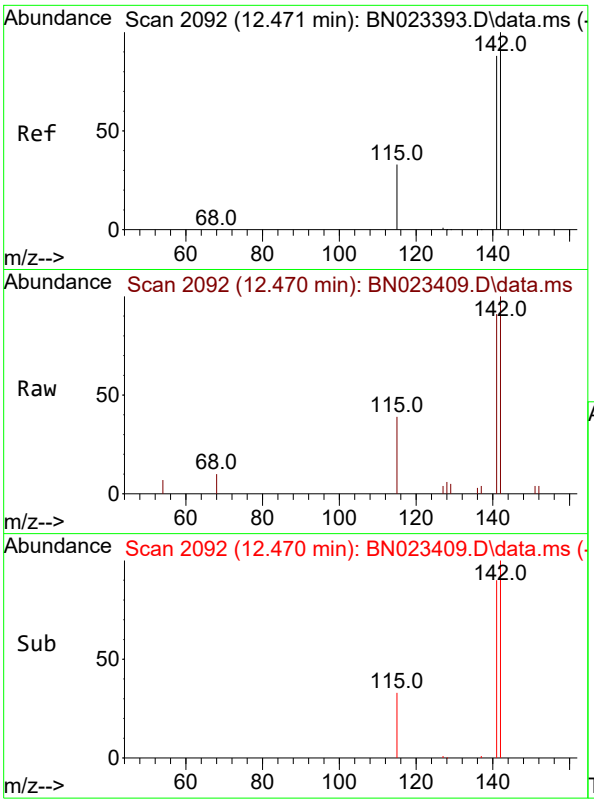


#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:128 Resp: 3499

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.0	13.4#
127	15.7	10.7	16.1



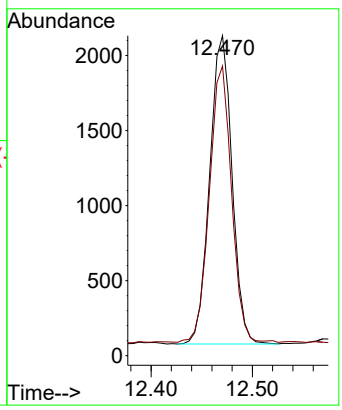


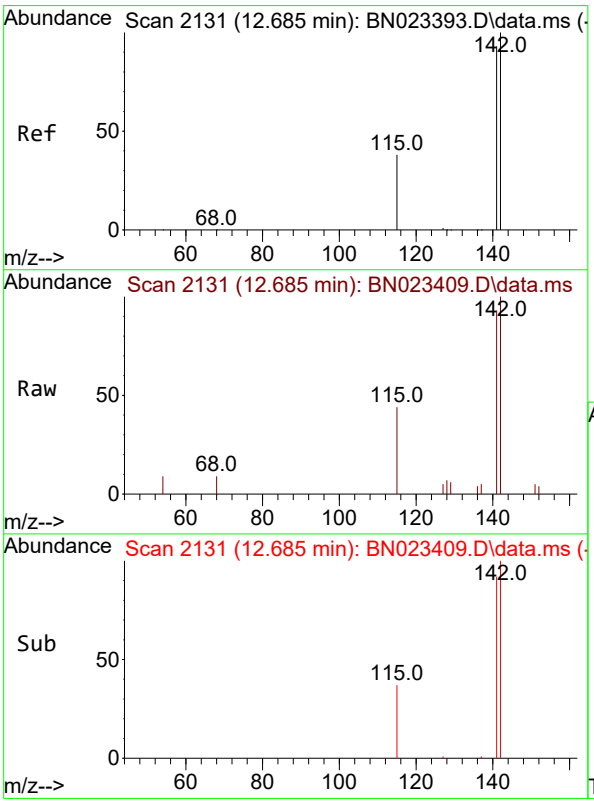
#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.470 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:142 Resp: 3150

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2

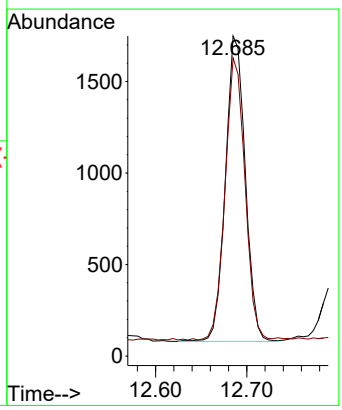


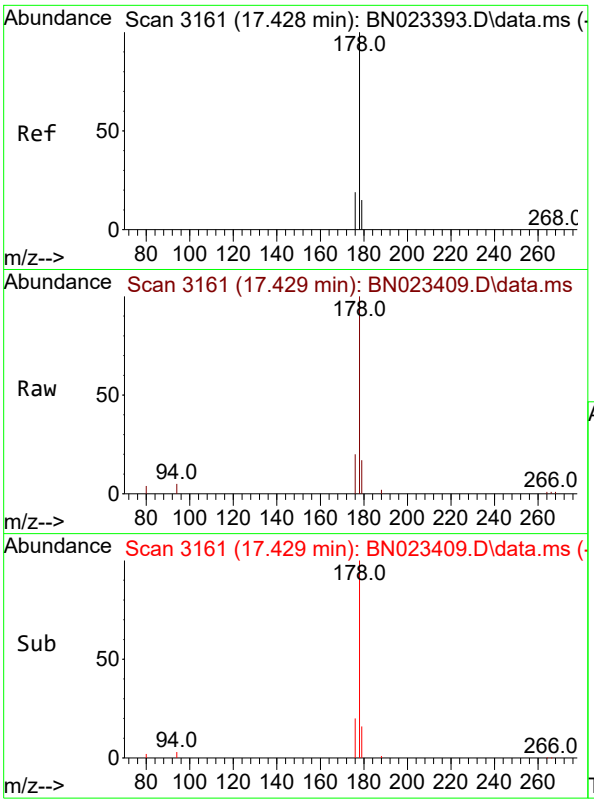


#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:142 Resp: 2523

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.0	111.0



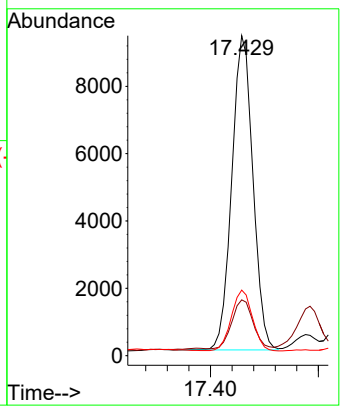


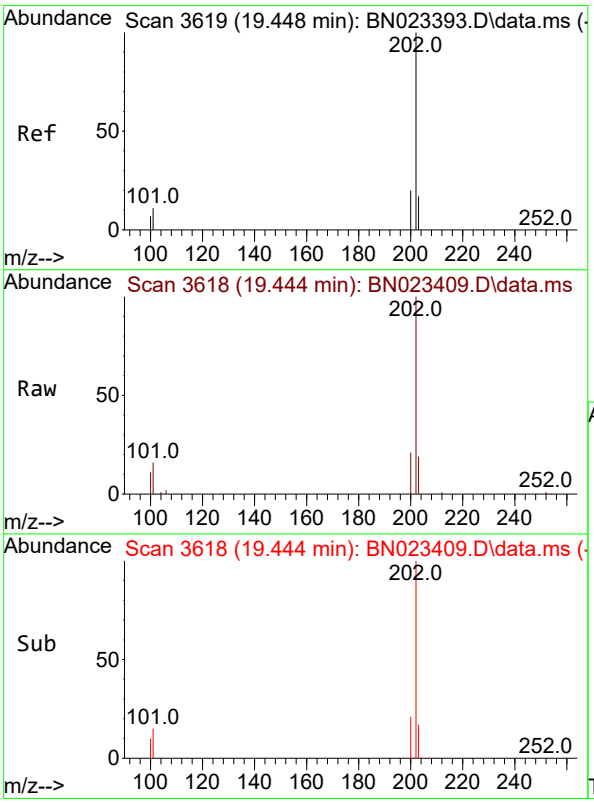
#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.429 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:178 Resp: 12697

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.5	18.7
176	20.5	15.7	23.5

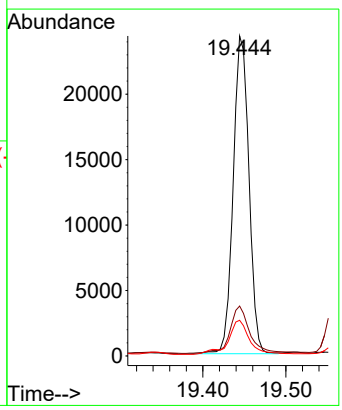


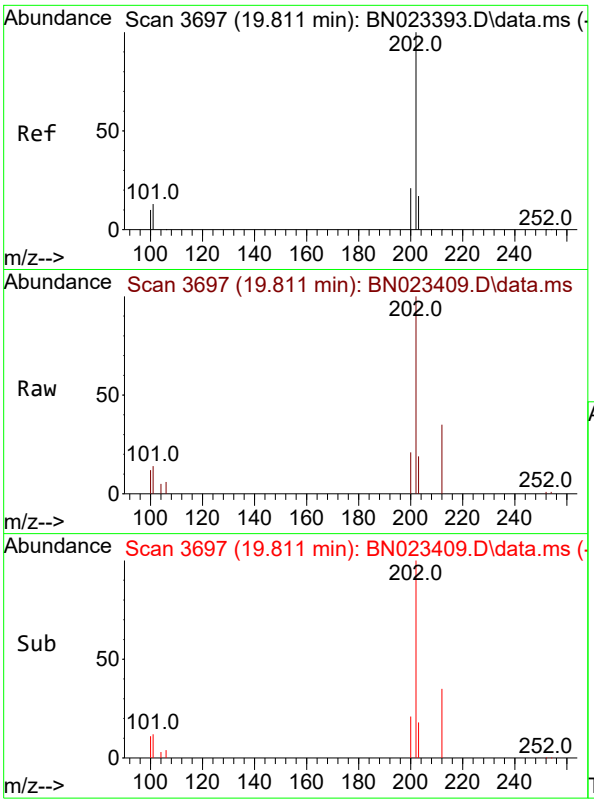


#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:202 Resp: 32076

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.4	14.2#
100	11.2	7.0	10.6#



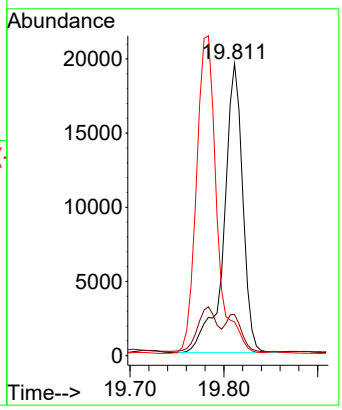


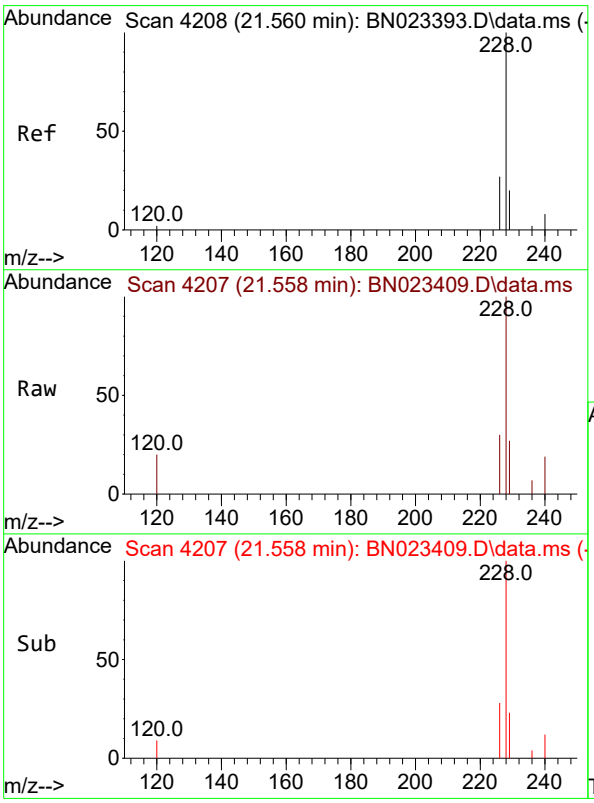
#20
Pyrene
Concen: 0.243 ng/ul
RT: 19.811 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:202 Resp: 27050

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.3	16.9
100	11.6	9.0	13.4

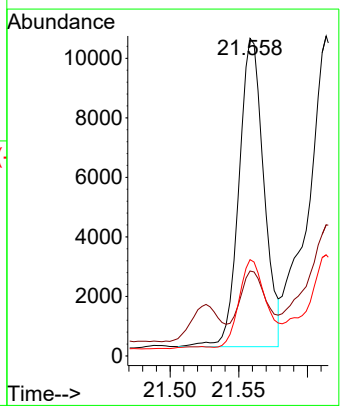


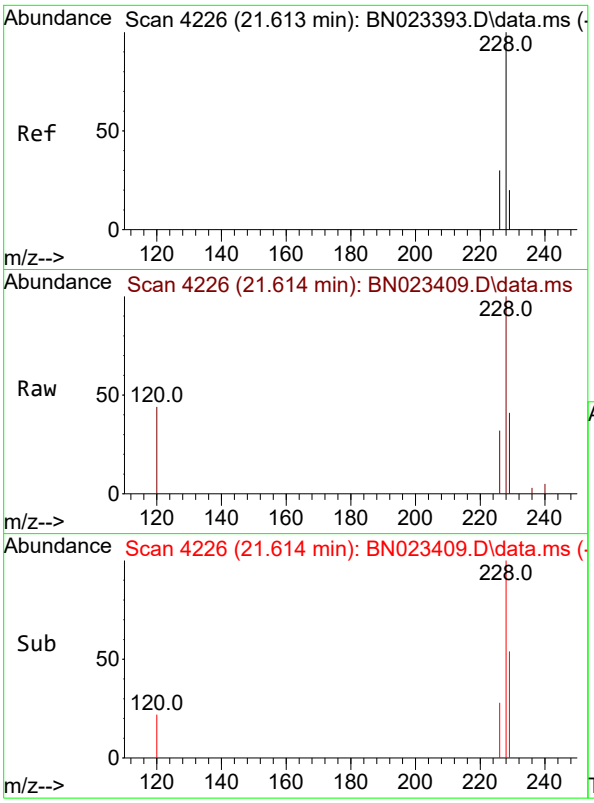


#21
Benzo(a)anthracene
Concen: 0.148 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:228 Resp: 13060

Ion	Ratio	Lower	Upper
228	100		
229	26.8	15.6	23.4#
226	30.3	22.2	33.2



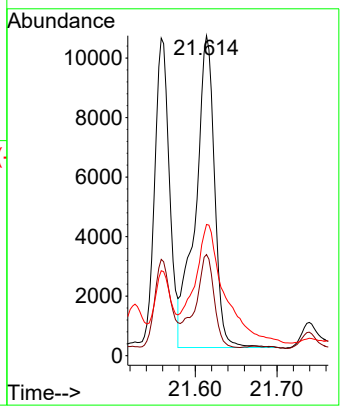


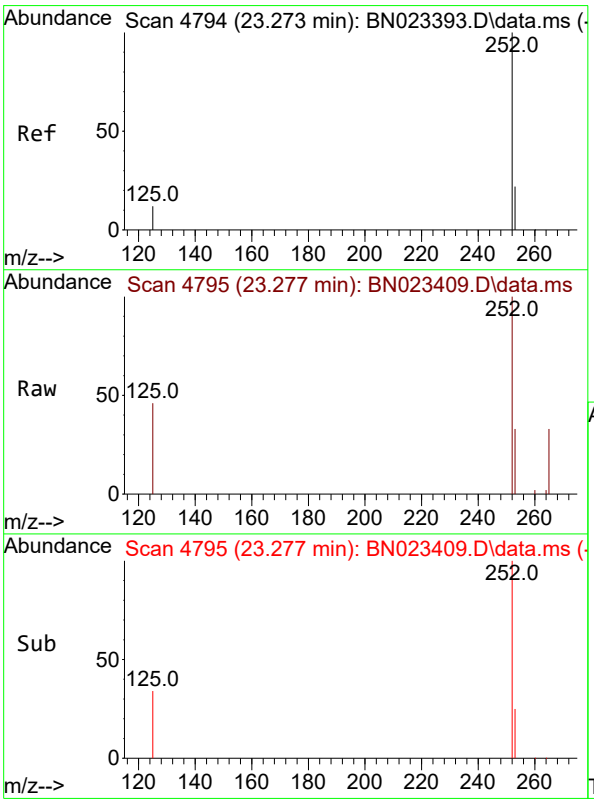
#22
Chrysene
Concen: 0.189 ng/ul
RT: 21.614 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:228 Resp: 16979

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	41.0	15.8	23.6#

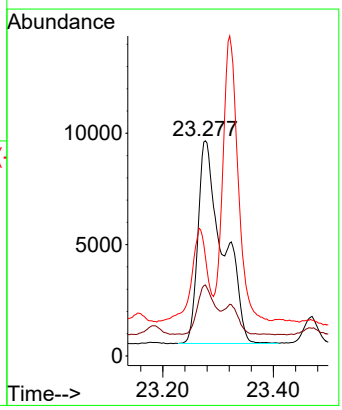


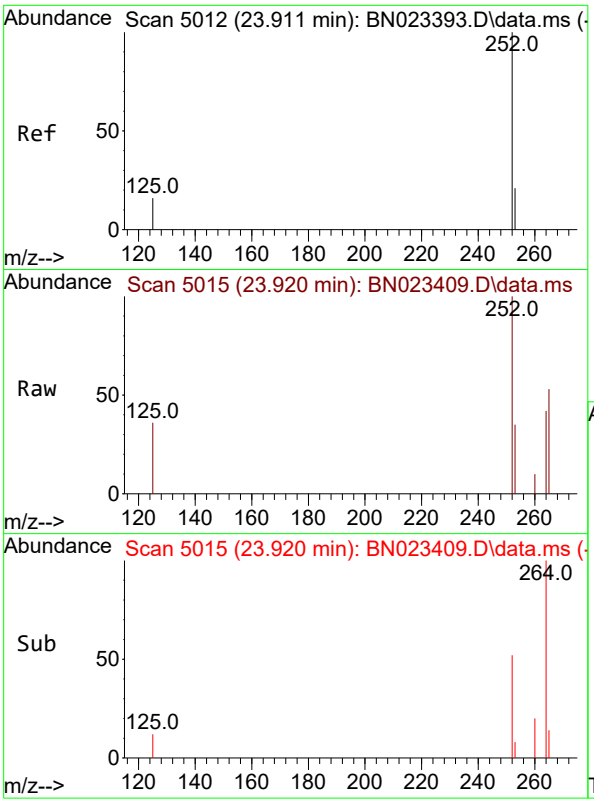


#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:252 Resp: 28325

Ion	Ratio	Lower	Upper
252	100		
253	33.0	0.0	49.2
125	46.1	0.0	31.8#



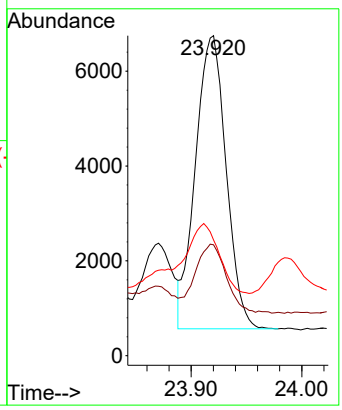


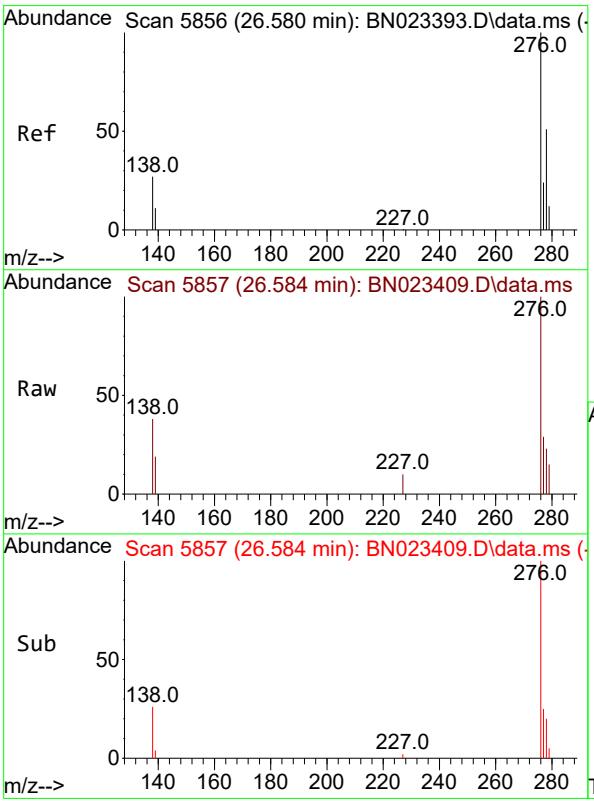
#26
Benzo(a)pyrene
Concen: 0.184 ng/ul
RT: 23.920 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:252 Resp: 11920

Ion	Ratio	Lower	Upper
252	100		
253	34.7	21.4	32.2#
125	36.2	16.2	24.4#

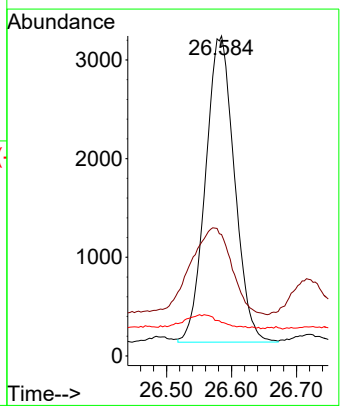


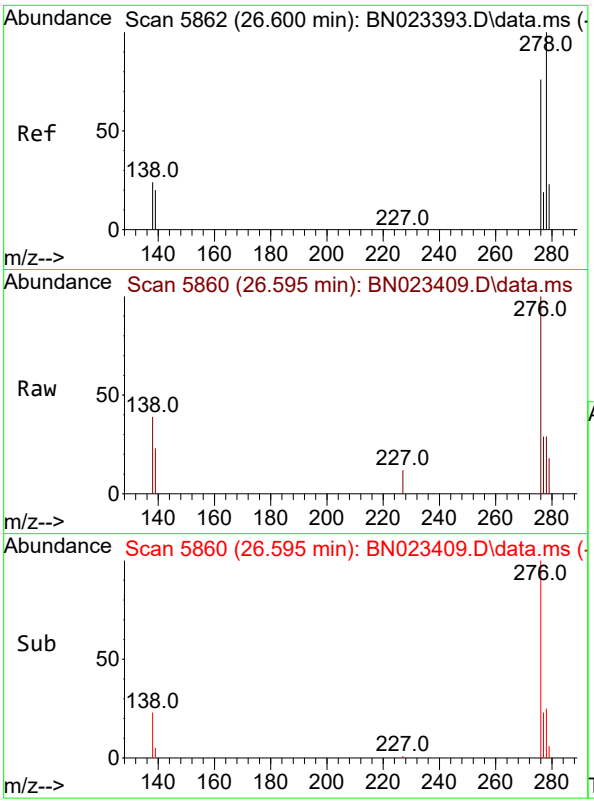


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:276 Resp: 9583

Ion	Ratio	Lower	Upper
276	100		
138	40.8	23.4	35.2#
227	0.0	0.0	0.0



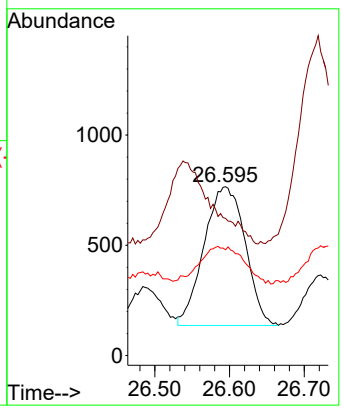


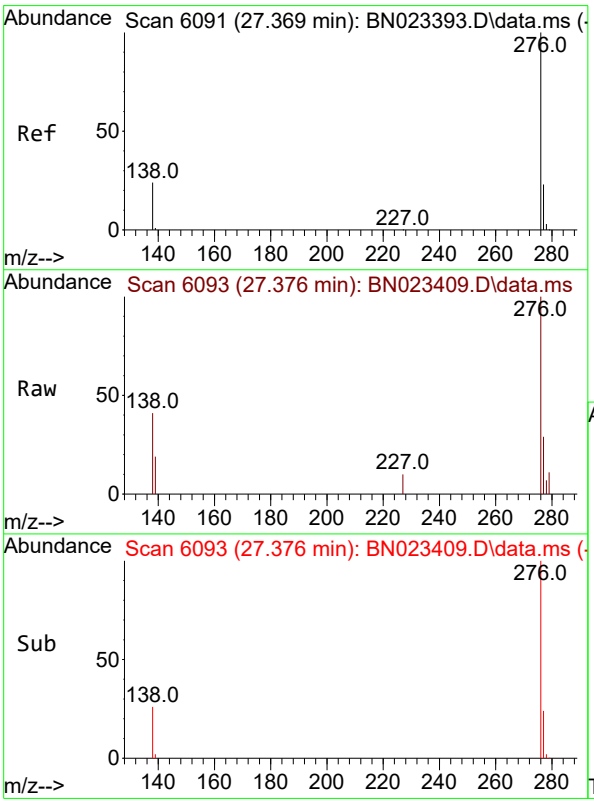
#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.595 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Instrument :
BNA_N
ClientSampleId :
DBYJ3

Tgt Ion:278 Resp: 2408

Ion	Ratio	Lower	Upper
278	100		
139	81.2	16.6	24.8#
279	62.7	21.3	31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 27.376 min Scan# 6093
Delta R.T. 0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

Tgt Ion:276 Resp: 9600

Ion	Ratio	Lower	Upper
276	100		
138	40.6	20.3	30.5#
277	28.7	19.7	29.5