Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028097.D
Acq On : 06 Oct 2023 23:27
Operator : MA/JU
Sample : 04624-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Quant Time: Oct 07 01:30:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	5208	0.400	ng/ul		0.00
4) Naphthalene-d8	10.751	136	15021	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.583	164	7942	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.337	188	15954	0.400	ng/ul		0.00
17) Chrysene-d12	21.524	240	13437	0.400	ng/ul	#	0.00
23) Perylene-d12	23.988	264	15272	0.400	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.326	96	25271	3.863	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.335	152	7602	0.314	ng/ul		0.00
18) Fluoranthene-d10	19.366	212	15826	0.371	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	1024	0.148	ng/ul	#	47
5) Naphthalene	10.806	128	507357	11.898	ng/ul		98
7) 2-Methylnaphthalene	12.412	142	10156	0.377	ng/ul		93
8) 1-Methylnaphthalene	12.632	142	11652	0.418	ng/ul		97
11) Acenaphthene	14.643	153	610	0.021	ng/ul	#	64
12) Fluorene	15.633	166	909	0.028	ng/ul	#	90
15) Phenanthrene	17.379	178	1787	0.038	ng/ul	#	82
16) Anthracene	17.472	178	1199	0.028	ng/ul	#	75
19) Fluoranthene	19.394	202	1999	0.039	ng/ul	#	85
20) Pyrene	19.761	202	2009	0.038	ng/ul	#	78
21) Benzo(a)anthracene	21.504	228	1451	0.030	ng/ul	#	53
22) Chrysene	21.562	228	1281	0.026	ng/ul	#	55
24) Benzo(b)fluoranthene	23.222	252	1737	0.031	ng/ul	#	1
27) Indeno(1,2,3-cd)pyrene	26.582	276	1261	0.022	ng/ul	#	79
29) Benzo(g,h,i)perylene	27.401	276	1097	0.023	ng/ul	#	14

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028097.D
Acq On : 06 Oct 2023 23:27
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
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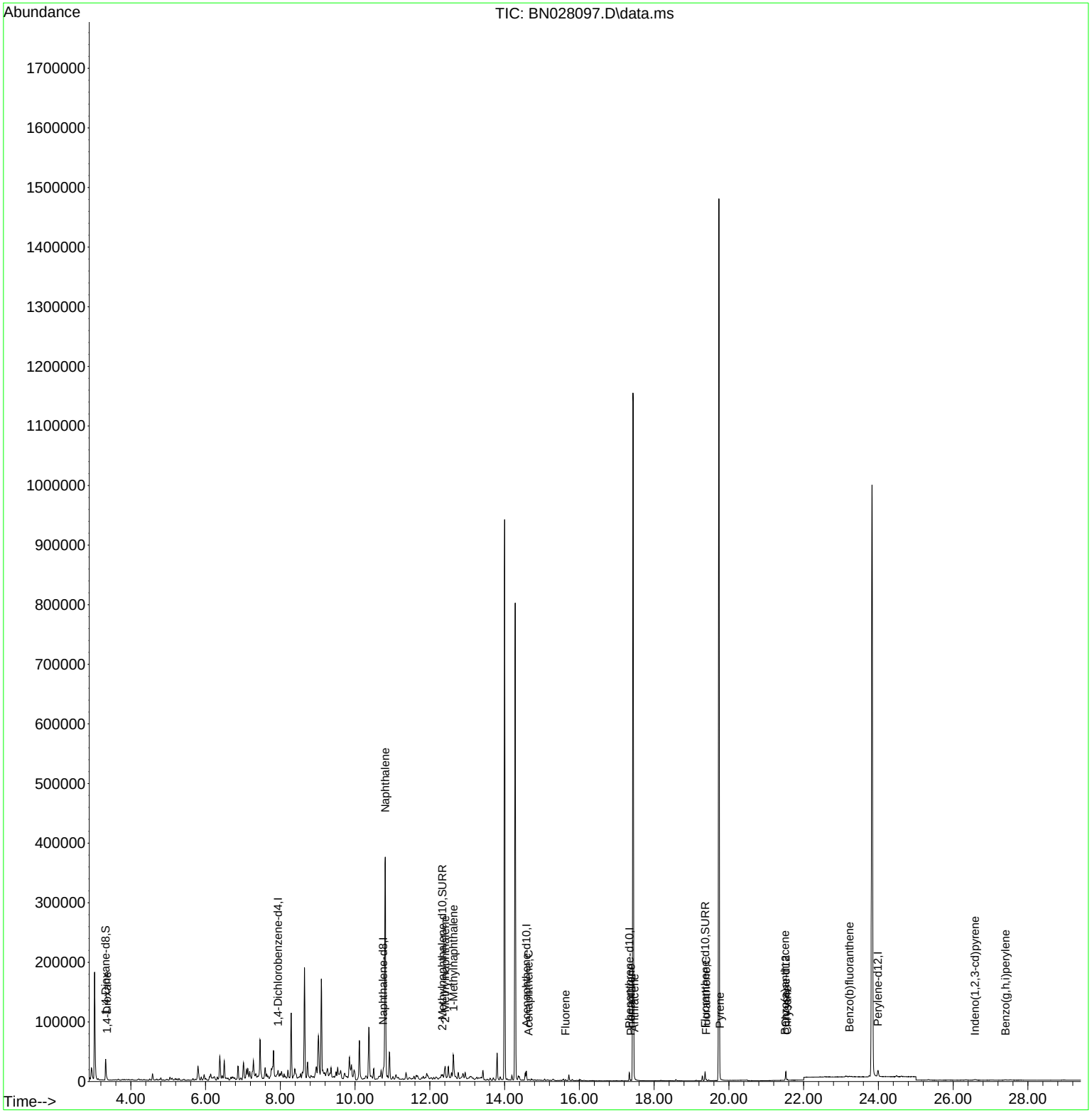
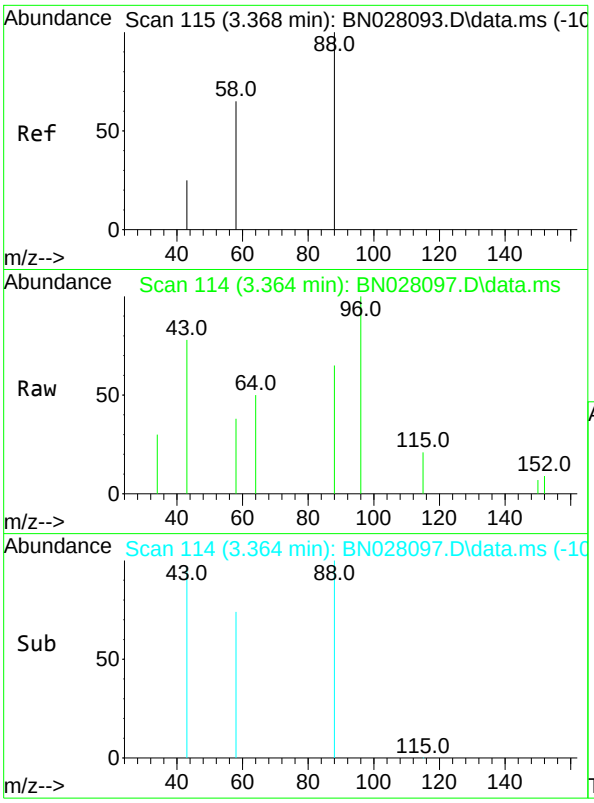
Quant Time: Oct 07 01:30:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration



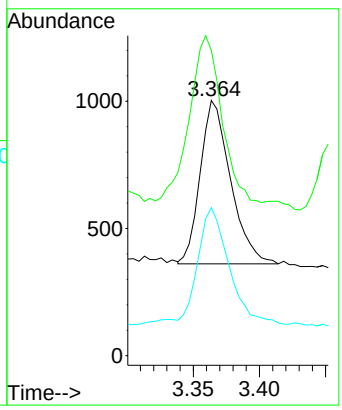


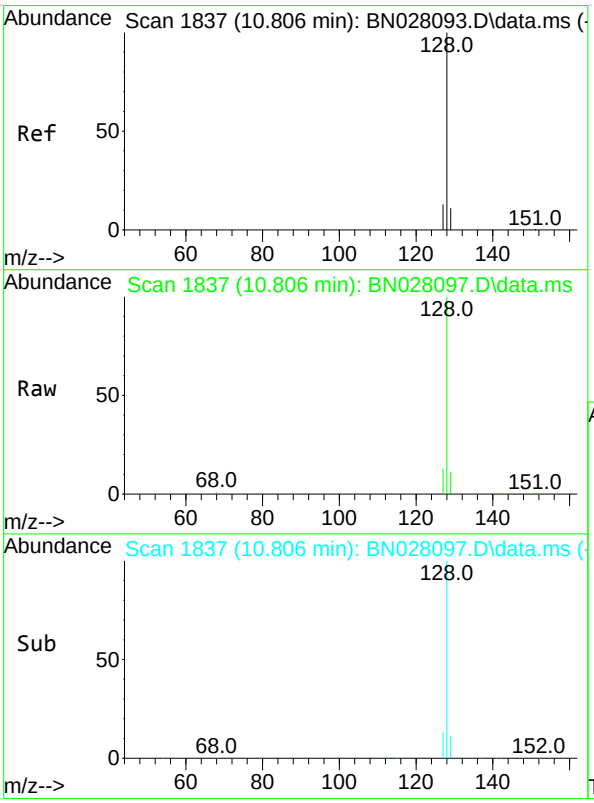
#2
1,4-Dioxane
Concen: 0.148 ng/ul
RT: 3.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion: 88 Resp: 1024

Ion	Ratio	Lower	Upper
88	100		
43	119.7	33.4	50.2#
58	58.0	45.7	68.5

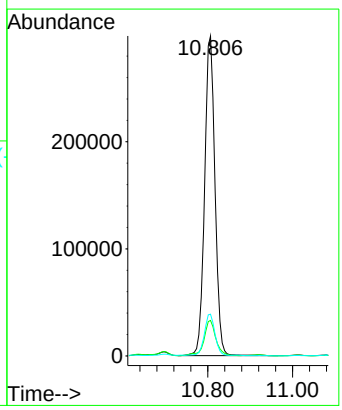


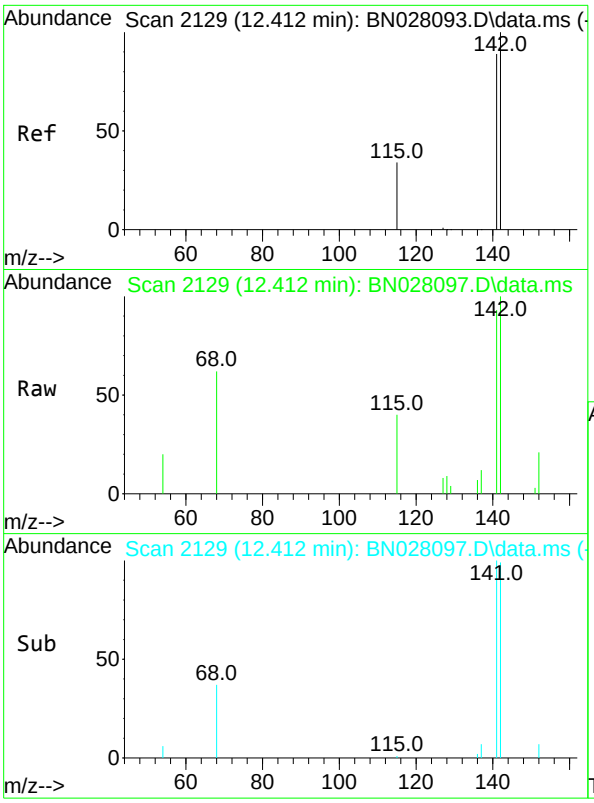


#5
Naphthalene
Concen: 11.898 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:128 Resp: 507357

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.1	11.0	16.4



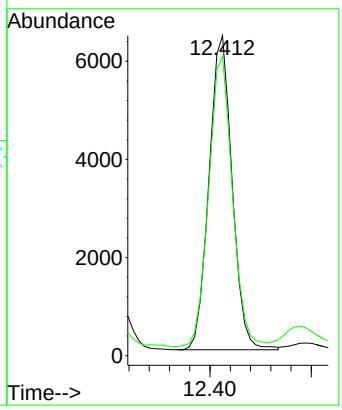


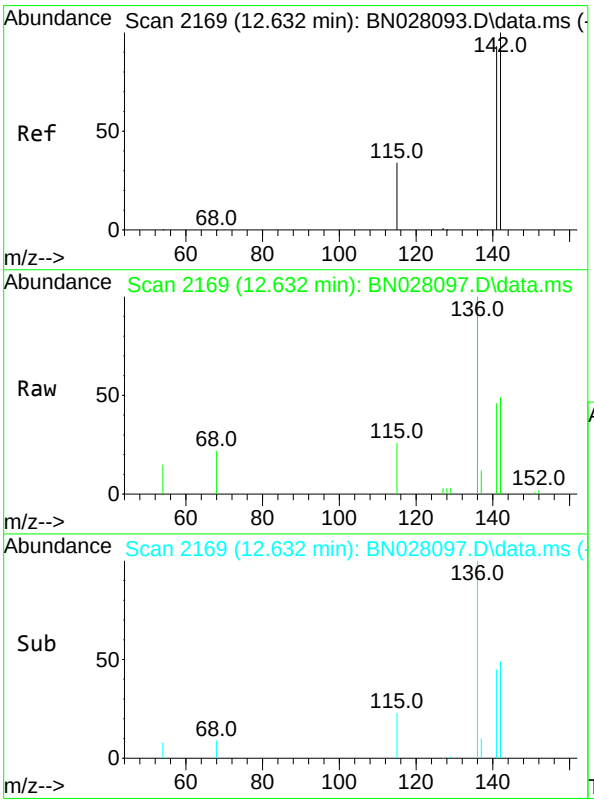
#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.412 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:142 Resp: 10156

Ion	Ratio	Lower	Upper
142	100		
141	94.8	70.9	106.3

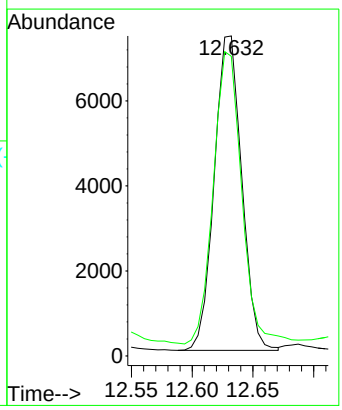


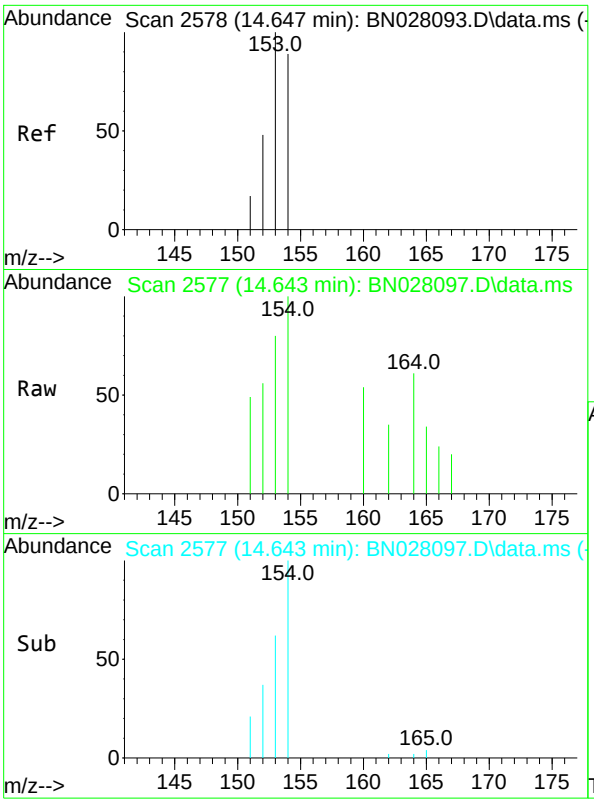


#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:142 Resp: 11652

Ion	Ratio	Lower	Upper
142	100		
141	96.2	74.4	111.6



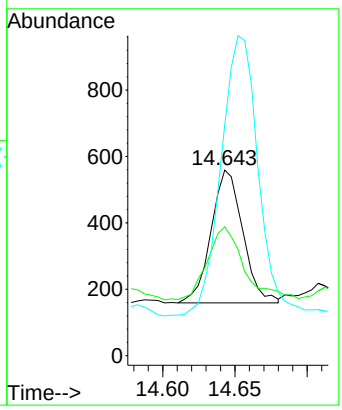


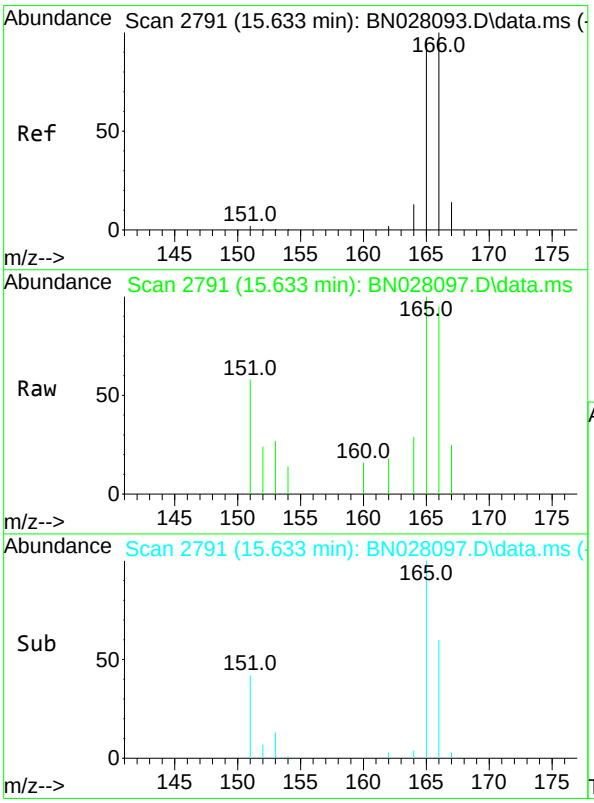
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.643 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:153 Resp: 610

Ion	Ratio	Lower	Upper
153	100		
152	69.4	39.4	59.0#
154	124.3	70.2	105.4#

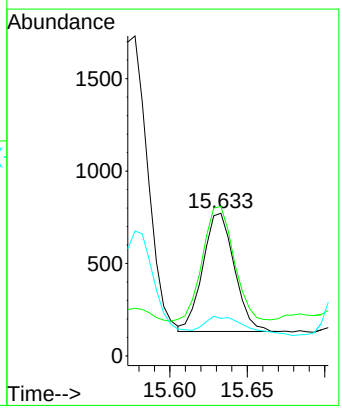


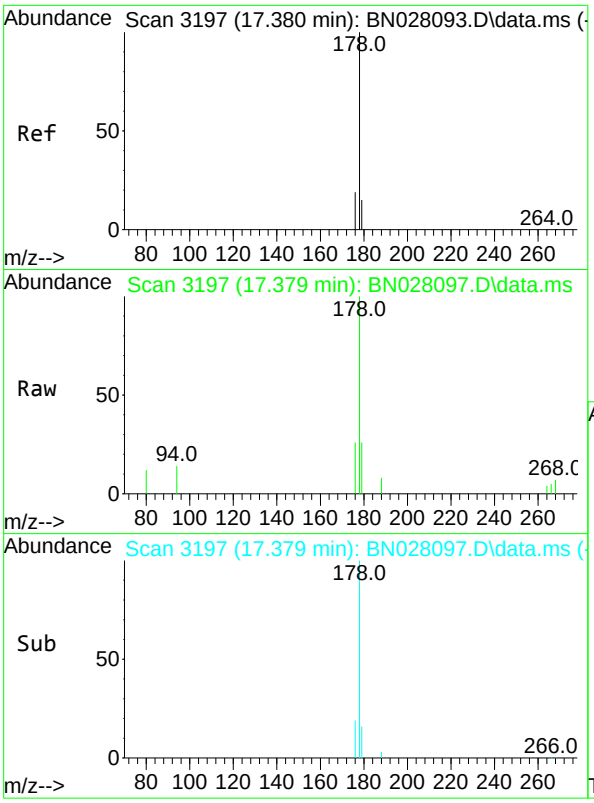


#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.633 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:166 Resp: 909

Ion	Ratio	Lower	Upper
166	100		
165	104.8	78.5	117.7
167	26.3	11.2	16.8#



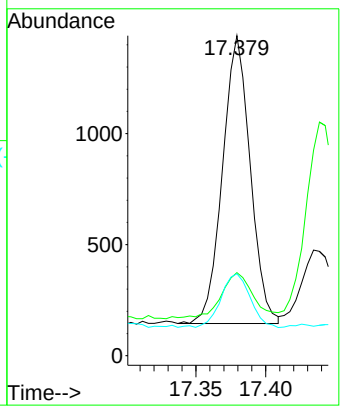


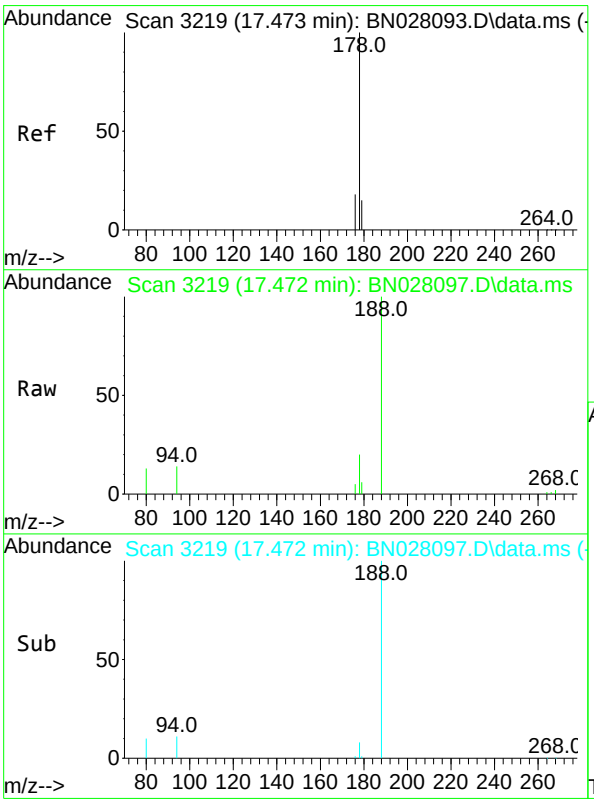
#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:178 Resp: 1787

Ion	Ratio	Lower	Upper
178	100		
179	26.0	12.6	19.0#
176	25.6	15.5	23.3#

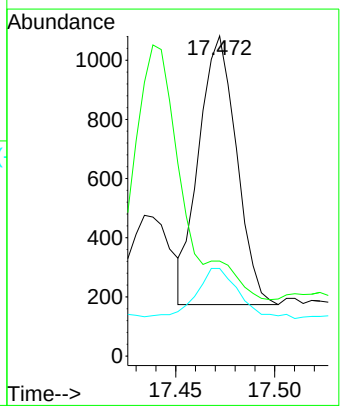


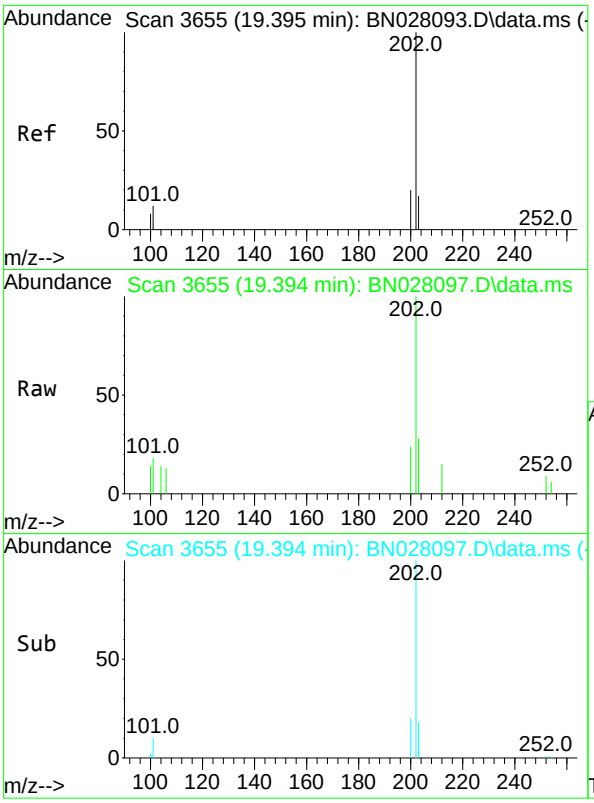


#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:178 Resp: 1199

Ion	Ratio	Lower	Upper
178	100		
179	29.7	12.8	19.2#
176	27.4	15.0	22.6#



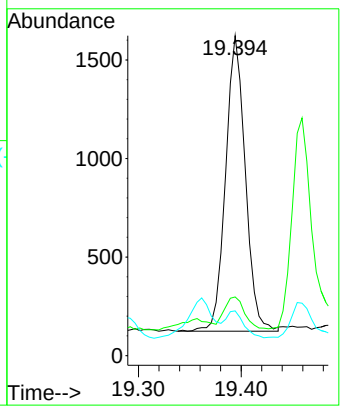


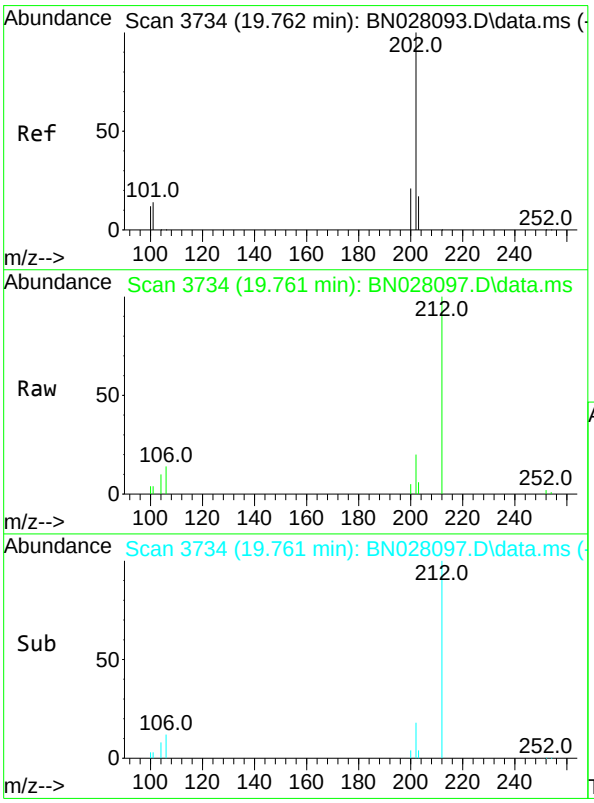
#19
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:202 Resp: 1999

Ion	Ratio	Lower	Upper
202	100		
101	18.4	9.6	14.4#
100	14.0	7.4	11.0#

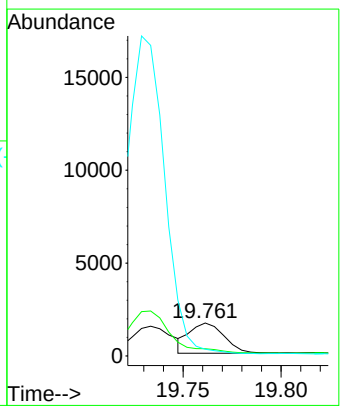


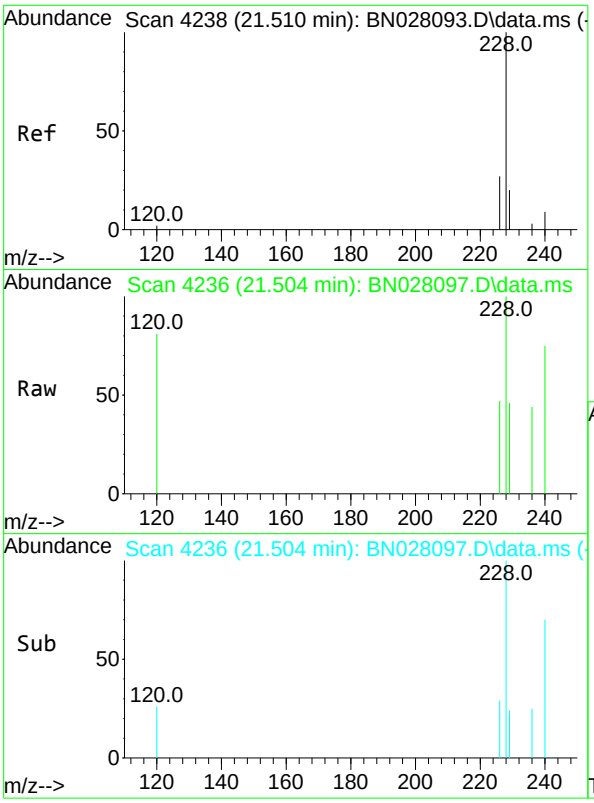


#20
Pyrene
Concen: 0.038 ng/ul
RT: 19.761 min Scan# 3734
Delta R.T. 0.004 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:202 Resp: 2009

Ion	Ratio	Lower	Upper
202	100		
101	22.1	11.2	16.8#
100	20.6	9.1	13.7#



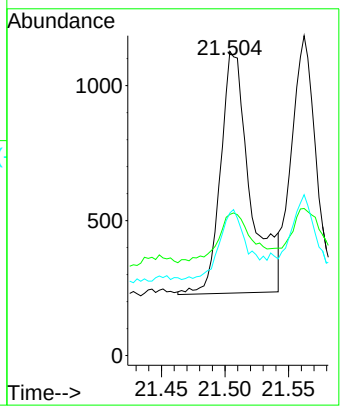


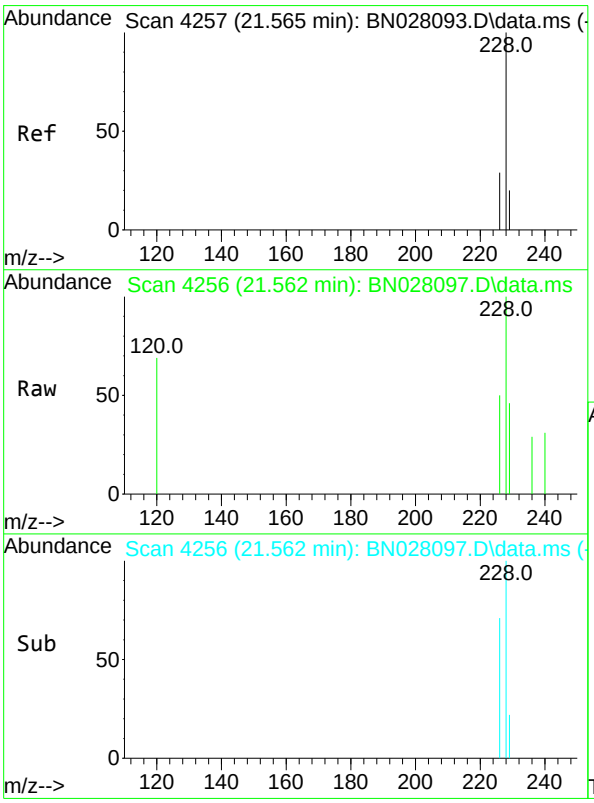
#21
Benzo(a)anthracene
Concen: 0.030 ng/ul
RT: 21.504 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:228 Resp: 1451

Ion	Ratio	Lower	Upper
228	100		
229	46.4	16.0	24.0#
226	46.9	21.5	32.3#

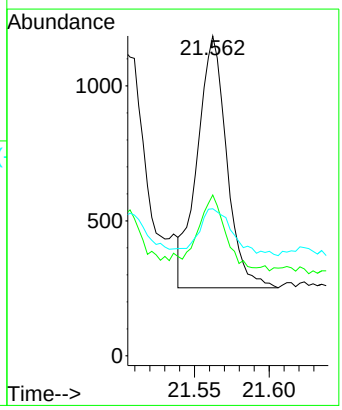


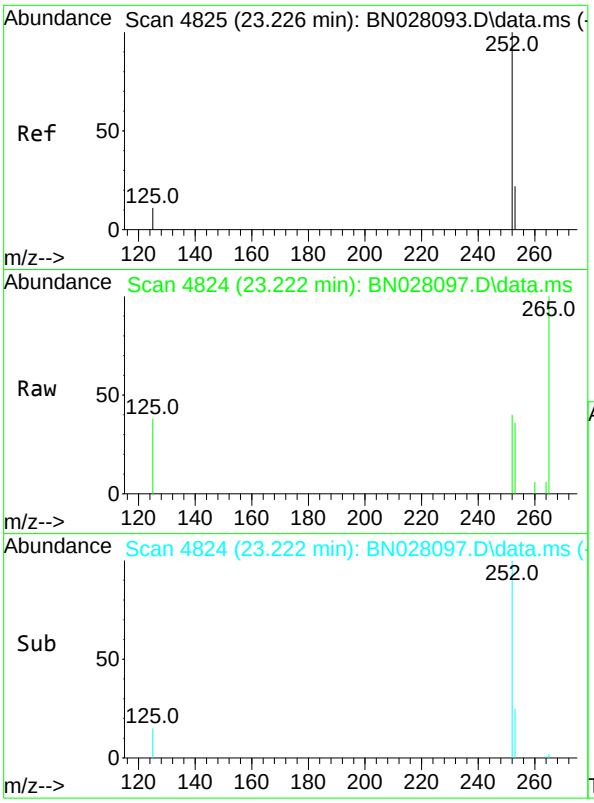


#22
Chrysene
Concen: 0.026 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.006 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:228 Resp: 1281

Ion	Ratio	Lower	Upper
228	100		
226	50.3	23.8	35.8#
229	46.0	16.0	24.0#



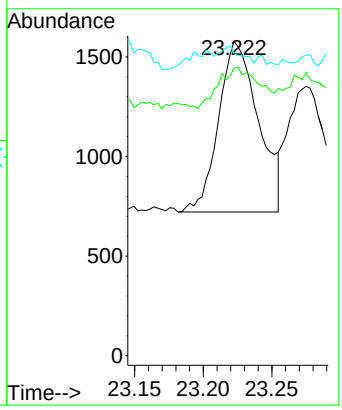


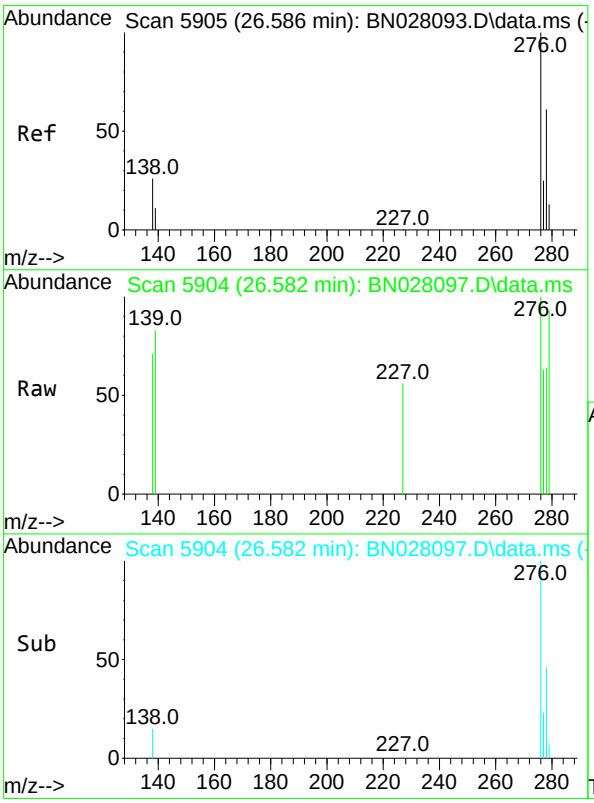
#24
Benzo(b)fluoranthene
Concen: 0.031 ng/ul
RT: 23.222 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:252 Resp: 1737

Ion	Ratio	Lower	Upper
252	100		
253	91.5	0.0	54.0#
125	96.0	0.0	31.4#

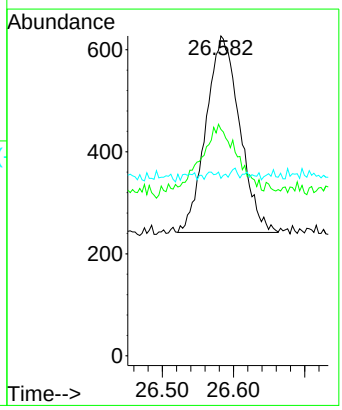


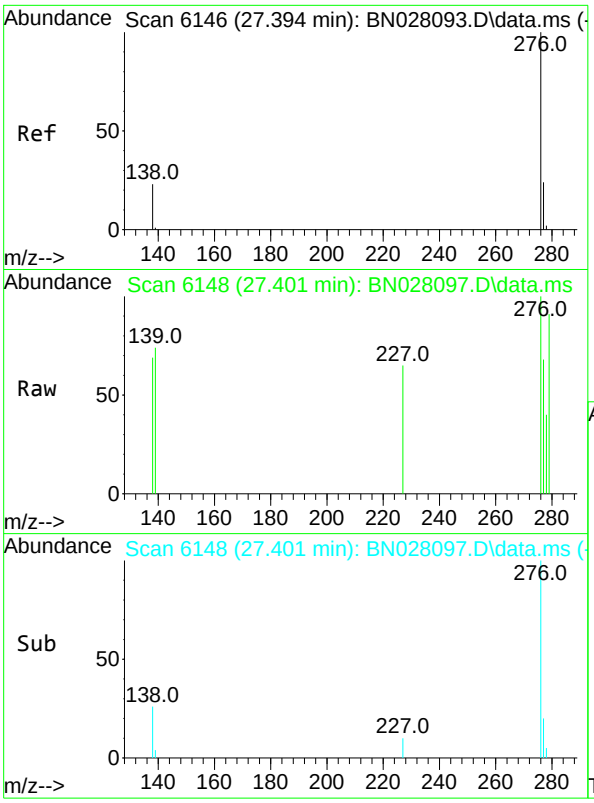


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.582 min Scan# 5904
Delta R.T. 0.017 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Tgt Ion:276 Resp: 1261

Ion	Ratio	Lower	Upper
276	100		
138	38.0	21.6	32.4#
227	2.9	0.2	0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.401 min Scan# 6
Delta R.T. 0.023 min
Lab File: BN028097.D
Acq: 06 Oct 2023 23:27

Instrument :
BNA_N
ClientSampleId :
BBJJ5

Tgt Ion:276 Resp: 1097

Ion	Ratio	Lower	Upper
276	100		
138	68.9	19.8	29.6#
277	68.1	20.6	31.0#