Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032746.D
Acq On : 16 Jul 2024 18:17
Operator : MA/JU
Sample : P3035-07DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Quant Time: Jul 16 23:54:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	5252	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	12513	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.198	164	7732	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	14599	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	13803	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17550	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3602	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	788	0.042	ng/ul	-0.03
18) Fluoranthene-d10	18.994	212	1840	0.041	ng/ul	-0.03
Target Compounds						Qvalue
10) Acenaphthylene	13.915	152	6339	0.203	ng/ul	97
11) Acenaphthene	14.258	153	1014	0.039	ng/ul	97
12) Fluorene	15.257	166	2069	0.070	ng/ul#	97
15) Phenanthrene	16.995	178	42479	1.068	ng/ul	99
16) Anthracene	17.092	178	8241	0.254	ng/ul#	95
19) Fluoranthene	19.027	202	89278	1.591	ng/ul	98
20) Pyrene	19.394	202	71956	1.239	ng/ul	97
21) Benzo(a)anthracene	21.156	228	44856	1.021	ng/ul	96
22) Chrysene	21.209	228	43556	0.685	ng/ul	96
24) Benzo(b)fluoranthene	22.711	252	87825	1.418	ng/ul	98
25) Benzo(k)fluoranthene	22.880	252	7959	0.105	ng/ul#	55
26) Benzo(a)pyrene	23.272	252	25574	0.477	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.576	276	26664	0.367	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.572	278	8329	0.148	ng/ul#	65
29) Benzo(g,h,i)perylene	26.260	276	3786	0.062	ng/ul#	55

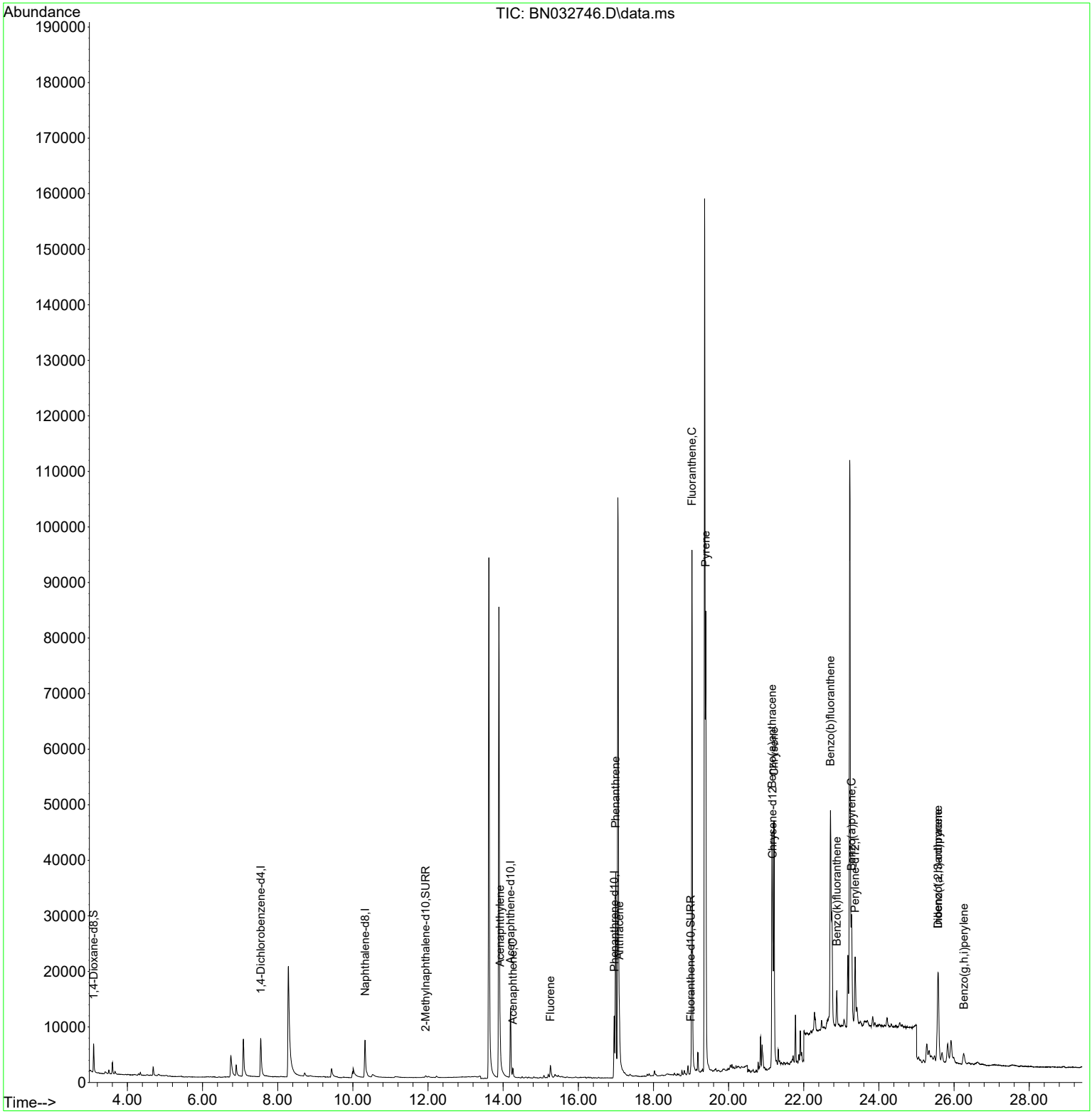
(#) = qualifier out of range (m) = manual integration (+) = signals summed

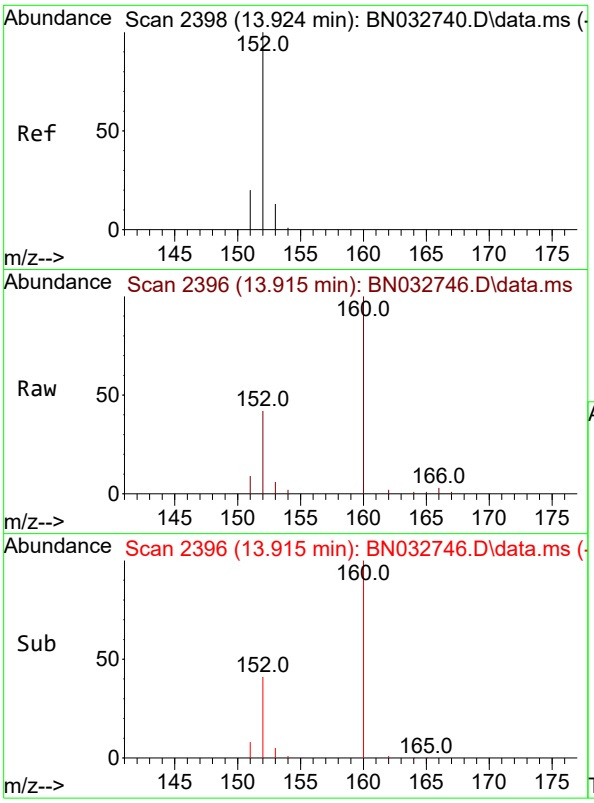
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032746.D
Acq On : 16 Jul 2024 18:17
Operator : MA/JU
Sample : P3035-07DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Quant Time: Jul 16 23:54:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



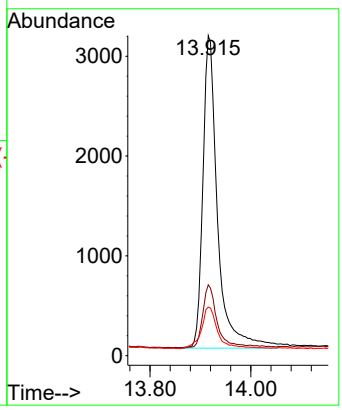


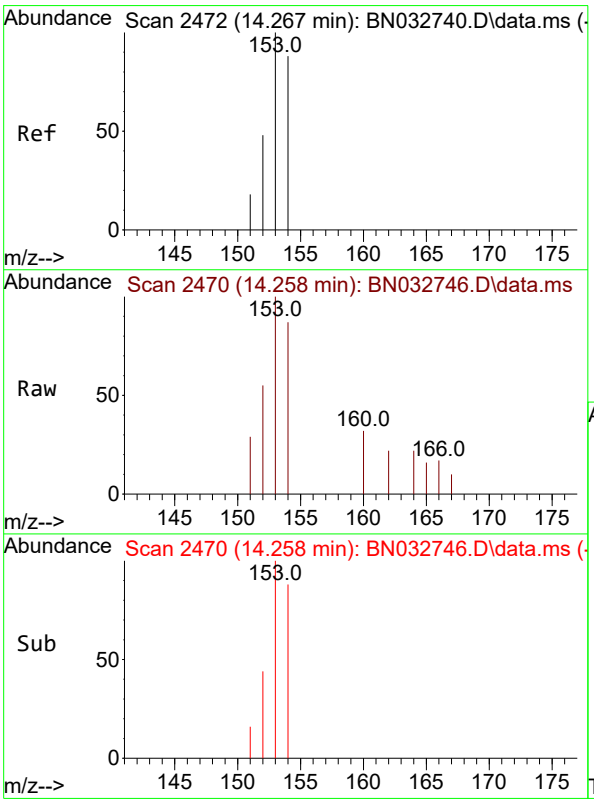
#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.915 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:152 Resp: 6339

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.3	24.5
153	15.2	11.3	16.9

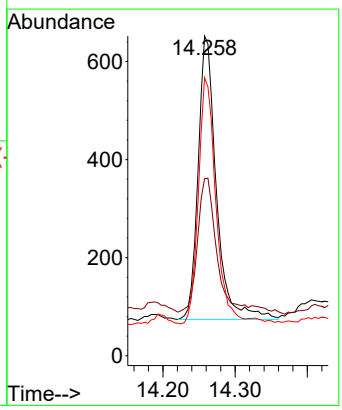


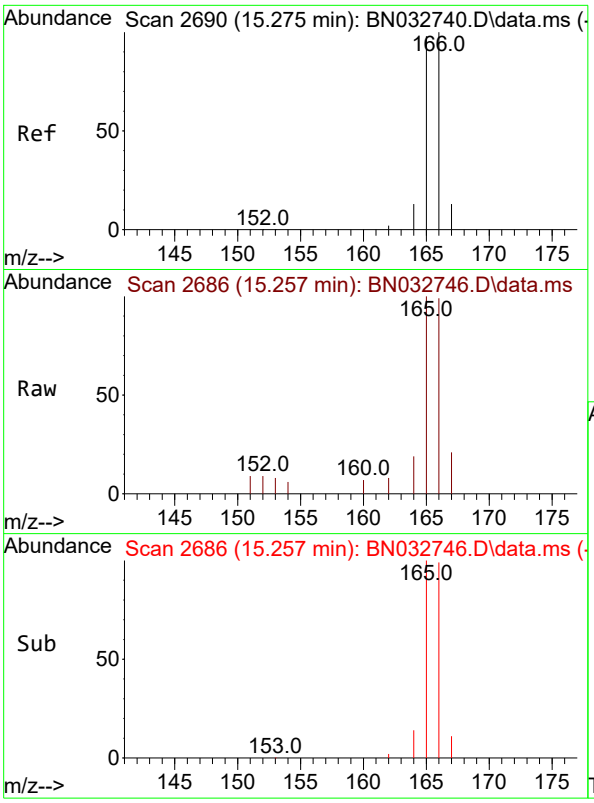


#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:153 Resp: 1014

Ion	Ratio	Lower	Upper
153	100		
152	55.4	40.0	60.0
154	87.0	70.2	105.4



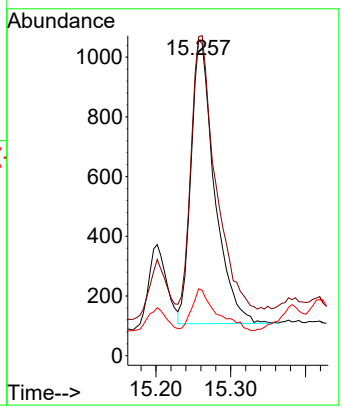


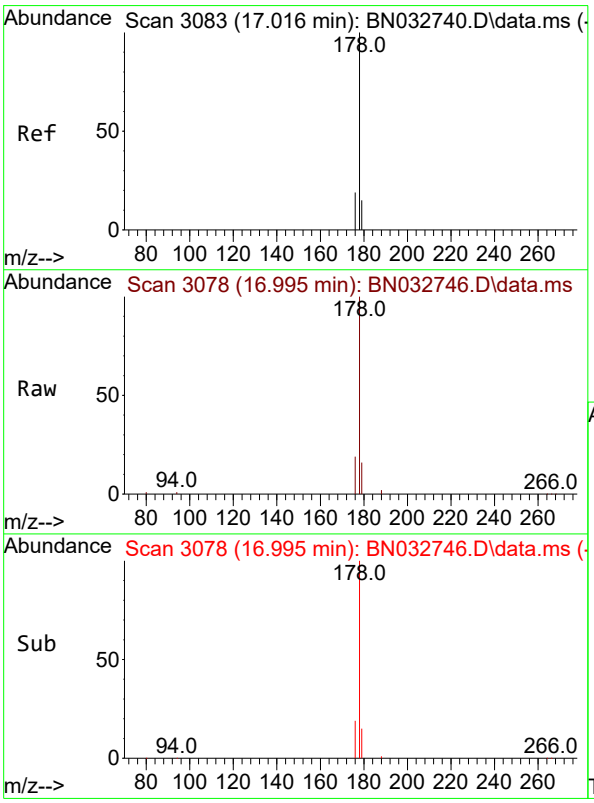
#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.257 min Scan# 2
Delta R.T. -0.032 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:166 Resp: 2069

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.7	119.5
167	21.2	11.4	17.2#

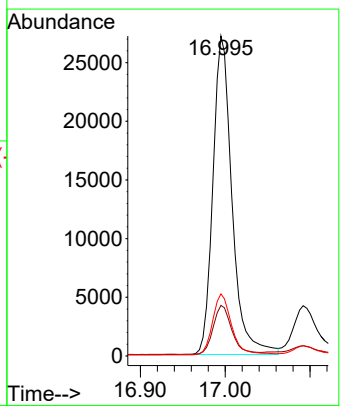


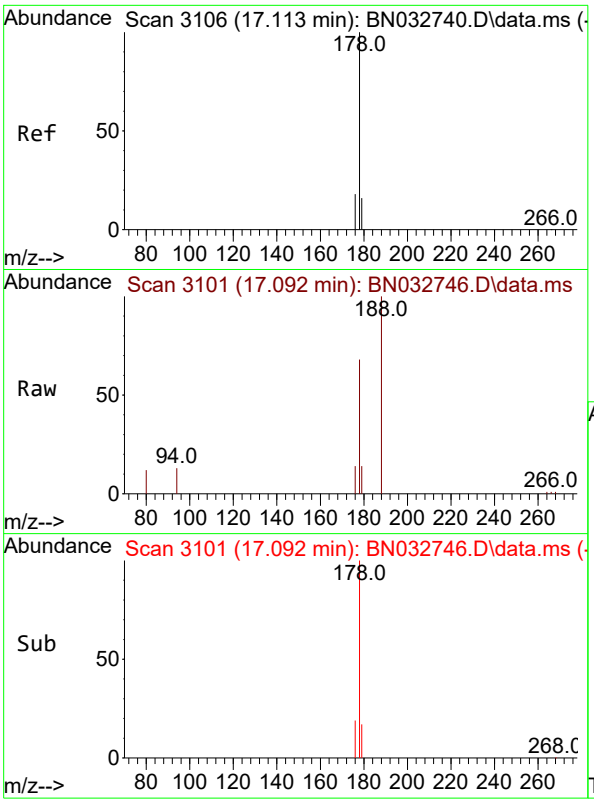


#15
Phenanthrene
Concen: 1.068 ng/ul
RT: 16.995 min Scan# 3078
Delta R.T. -0.034 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:178 Resp: 42479

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.4	15.6	23.4



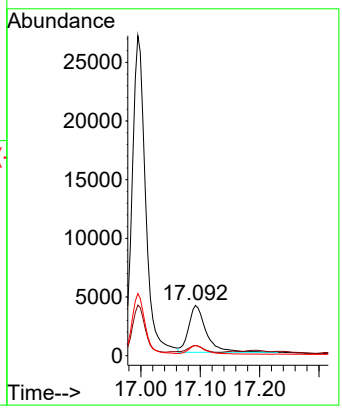


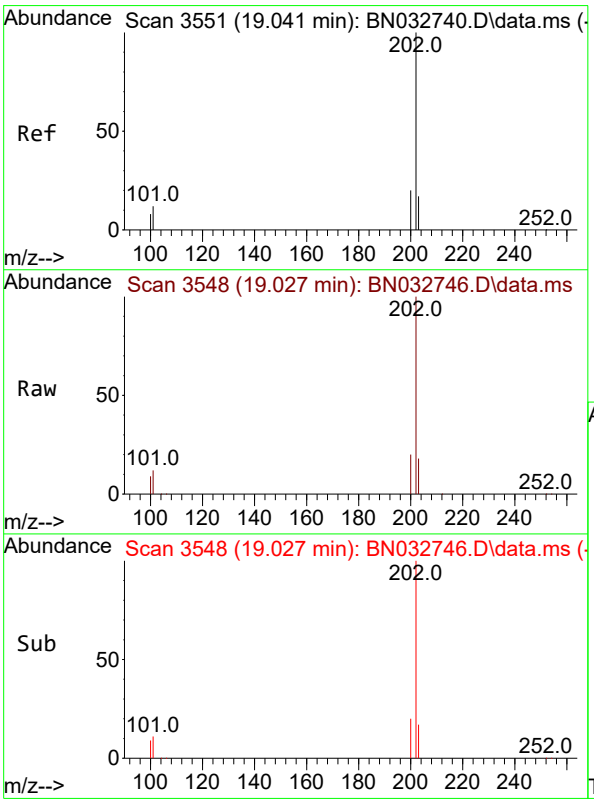
#16
Anthracene
Concen: 0.254 ng/ul
RT: 17.092 min Scan# 3
Delta R.T. -0.046 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:178 Resp: 8241

Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.4	20.2#
176	20.5	15.4	23.0

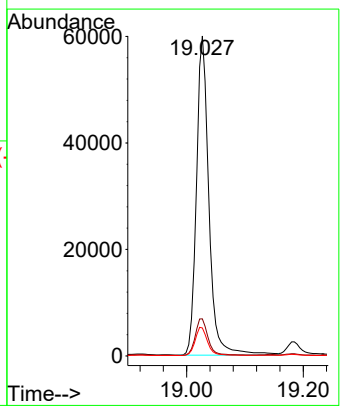


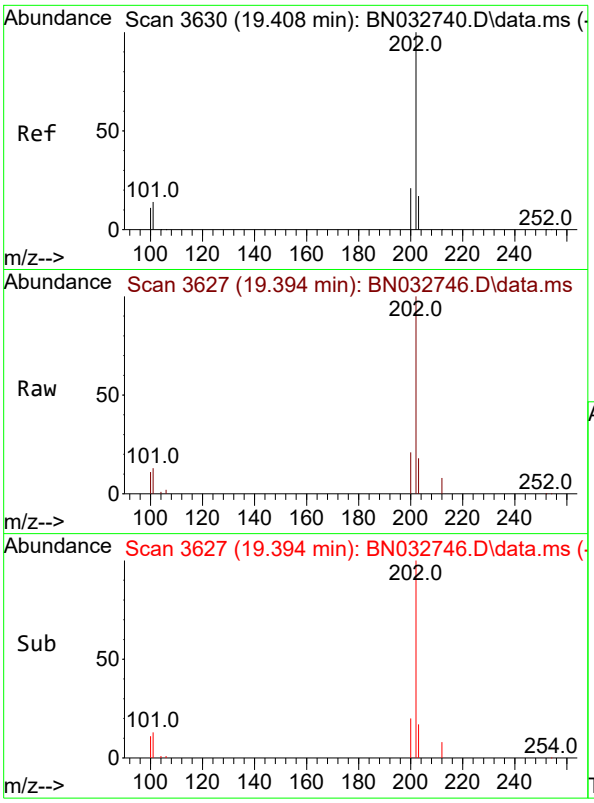


#19
Fluoranthene
Concen: 1.591 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:202 Resp: 89278

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
100	8.7	7.9	11.9



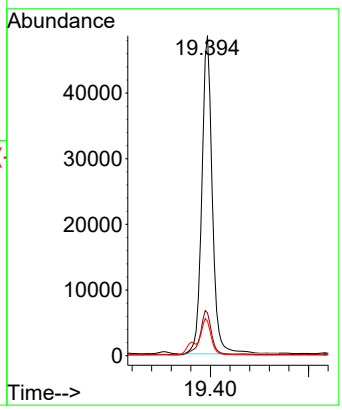


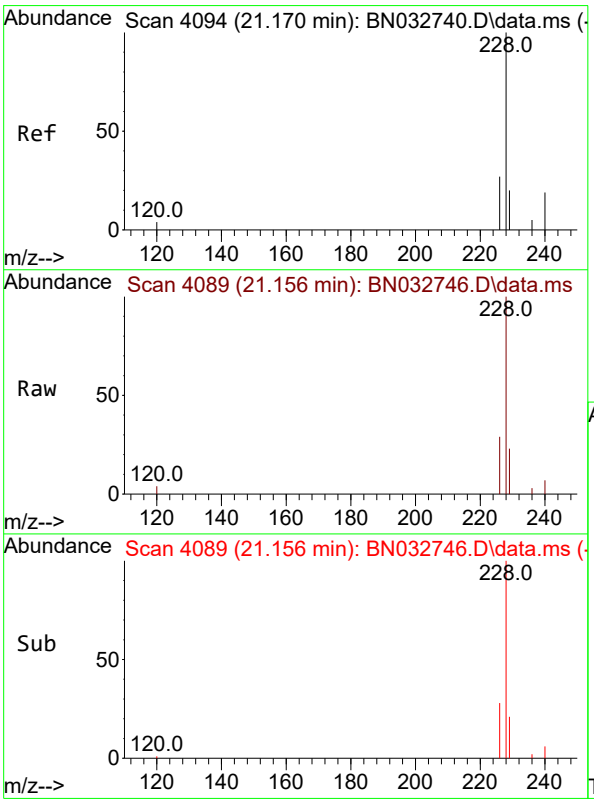
#20
Pyrene
Concen: 1.239 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. -0.028 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:202 Resp: 71956

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.8	17.6
100	10.8	9.6	14.4

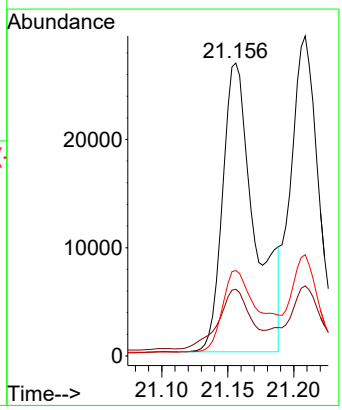


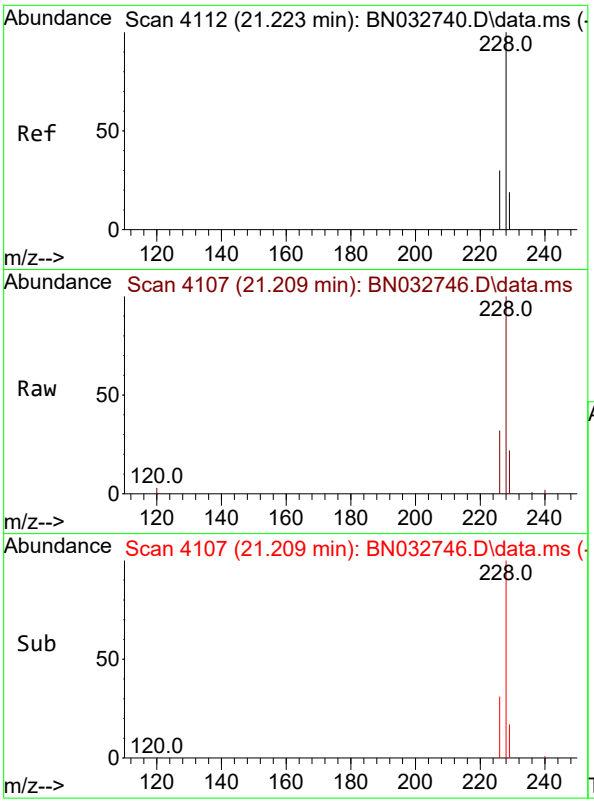


#21
Benzo(a)anthracene
Concen: 1.021 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:228 Resp: 44856

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.1	24.1
226	29.2	21.9	32.9



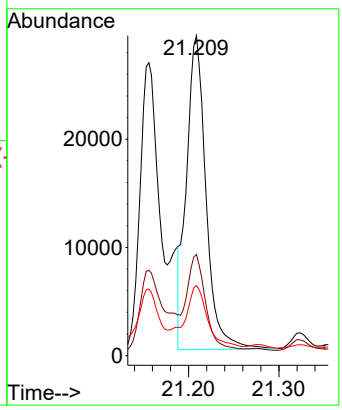


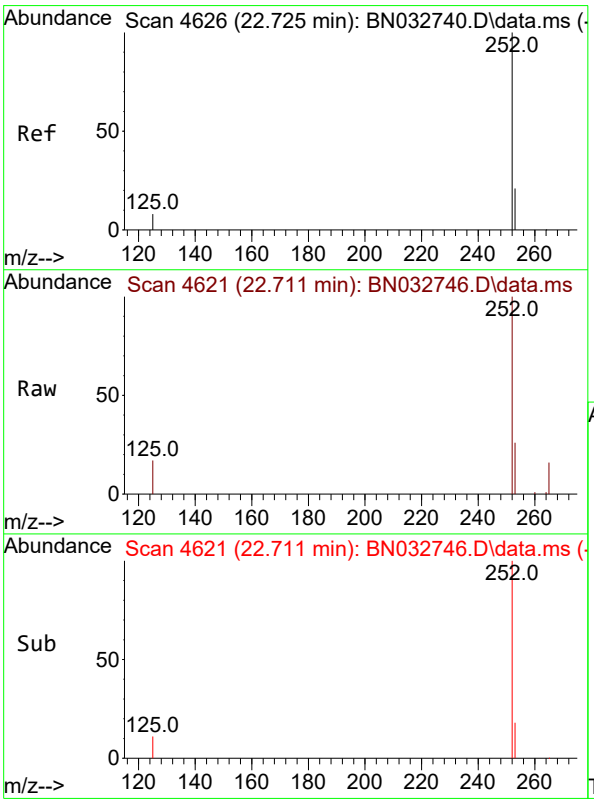
#22
Chrysene
Concen: 0.685 ng/ul
RT: 21.209 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:228 Resp: 43556

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	21.9	15.8	23.6

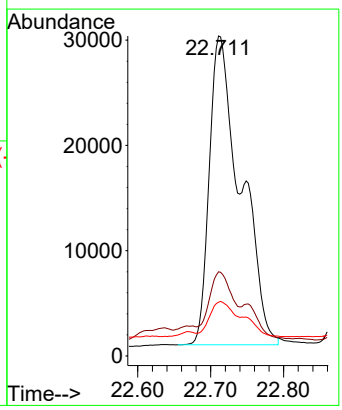


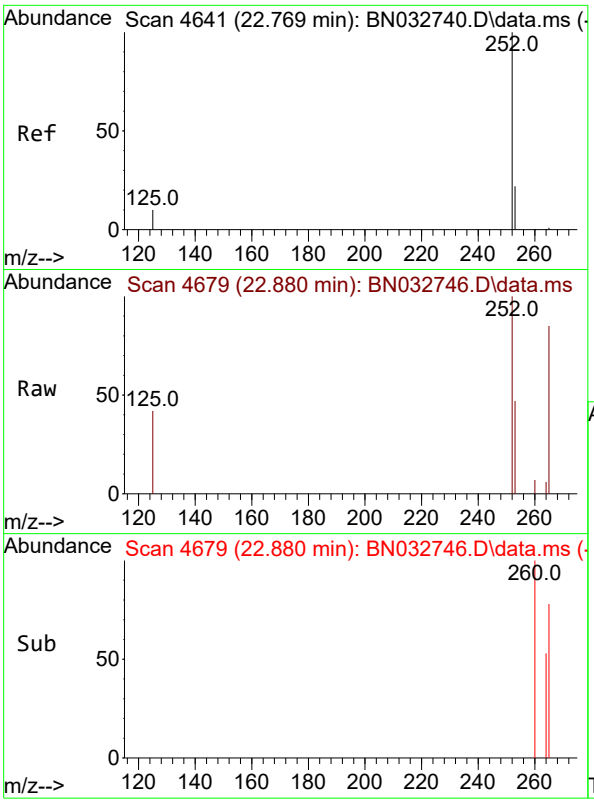


#24
Benzo(b)fluoranthene
Concen: 1.418 ng/ul
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:252 Resp: 87825

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	54.0
125	16.8	0.0	36.0



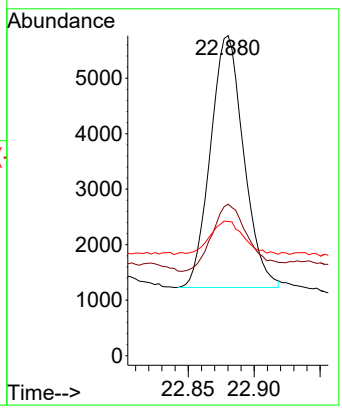


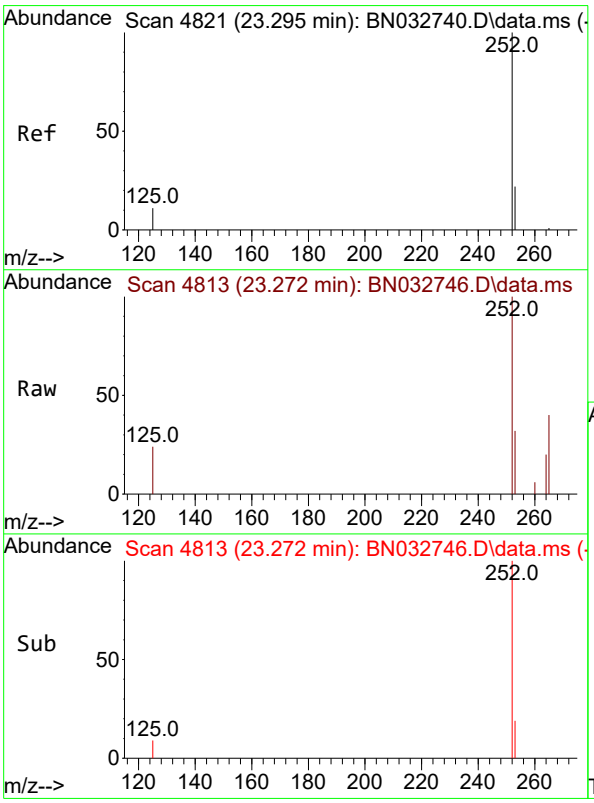
#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul
RT: 22.880 min Scan# 4
Delta R.T. 0.102 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:252 Resp: 7959

Ion	Ratio	Lower	Upper
252	100		
253	47.3	21.2	31.8#
125	42.0	14.8	22.2#

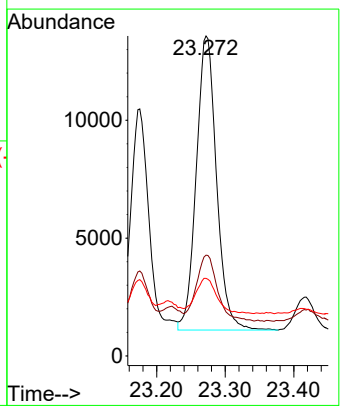


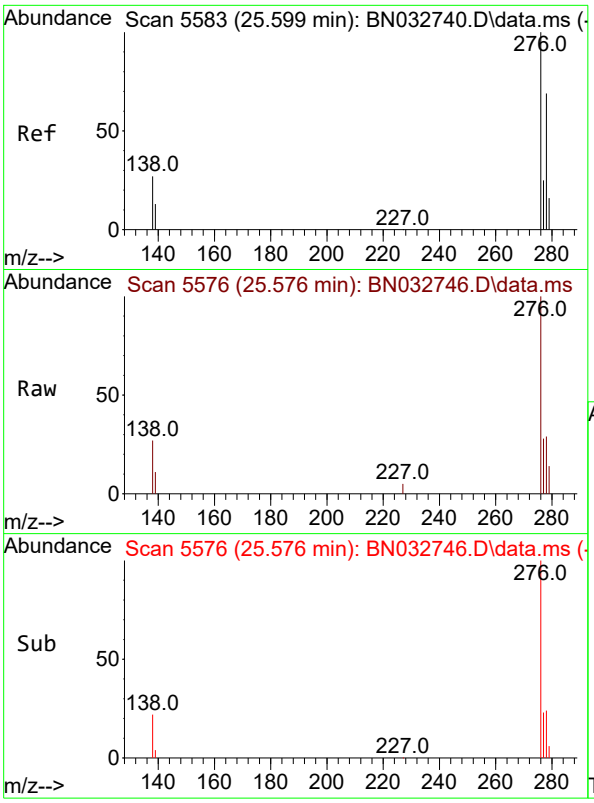


#26
Benzo(a)pyrene
Concen: 0.477 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:252 Resp: 25574

Ion	Ratio	Lower	Upper
252	100		
253	31.5	25.4	38.0
125	24.3	20.6	30.8



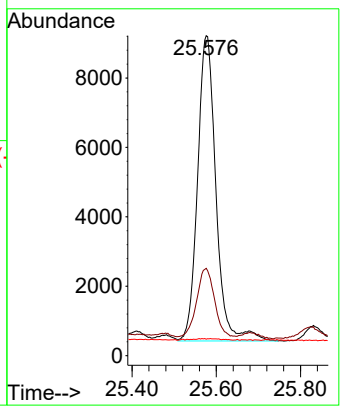


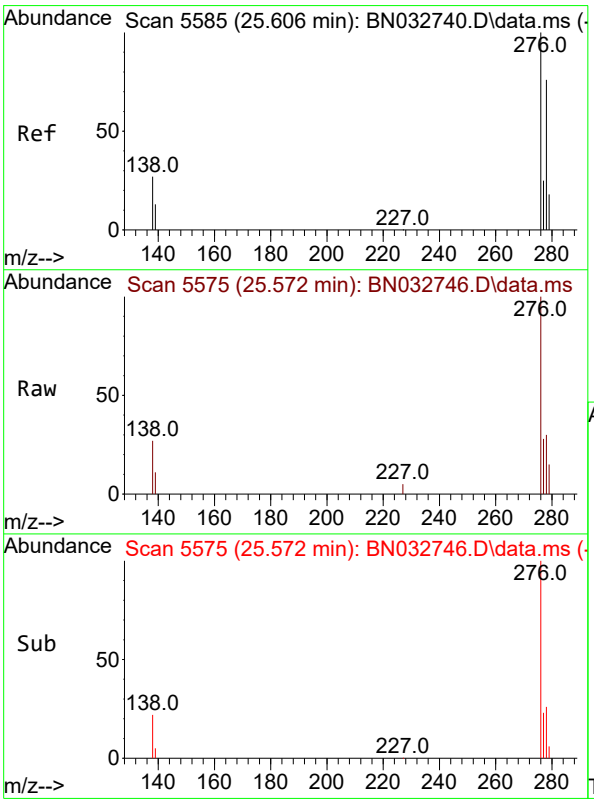
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 25.576 min Scan# 5
Delta R.T. -0.050 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:276 Resp: 26664

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.6	32.4
227	0.5	0.0	0.0#

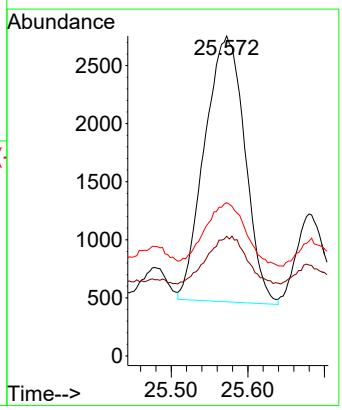


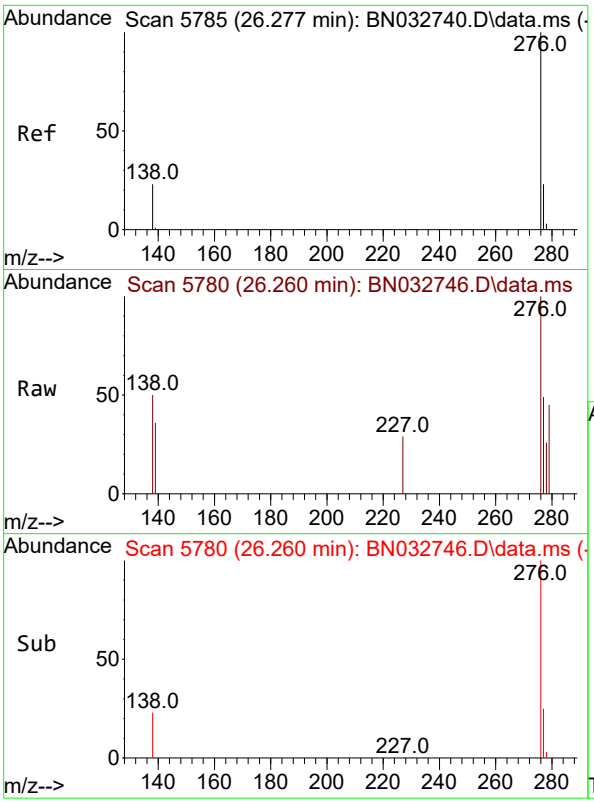


#28
Dibenzo(a,h)anthracene
Concen: 0.148 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.067 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:278 Resp: 8329

Ion	Ratio	Lower	Upper
278	100		
139	37.4	16.6	24.8#
279	47.9	23.7	35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.260 min Scan# 5
Delta R.T. -0.040 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Instrument :
BNA_N
ClientSampleId :
A4CX3DL

Tgt Ion:276 Resp: 3786

Ion	Ratio	Lower	Upper
276	100		
138	49.5	21.0	31.4#
277	48.6	20.6	31.0#