Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032749.D
Acq On : 16 Jul 2024 20:06
Operator : MA/JU
Sample : P3035-18DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Quant Time: Jul 16 23:55:02 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	7.548	152	5423	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	14706	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	8004	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	14784	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	13518	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	16101	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4520	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	965	0.043	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2032	0.046	ng/ul	-0.03
Target Compounds						Qvalue
10) Acenaphthylene	13.915	152	1101	0.034	ng/ul#	77
15) Phenanthrene	16.999	178	8797	0.218	ng/ul	99
16) Anthracene	17.092	178	2141	0.065	ng/ul#	85
19) Fluoranthene	19.027	202	18458	0.336	ng/ul	99
20) Pyrene	19.394	202	21160	0.372	ng/ul	99
21) Benzo(a)anthracene	21.159	228	10510	0.244	ng/ul#	93
22) Chrysene	21.211	228	9939	0.160	ng/ul	93
24) Benzo(b)fluoranthene	22.710	252	14773	0.260	ng/ul	76
25) Benzo(k)fluoranthene	22.874	252	1689	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.269	252	8791	0.179	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.586	276	6215	0.093	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.582	278	1340	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.260	276	7267	0.131	ng/ul#	85

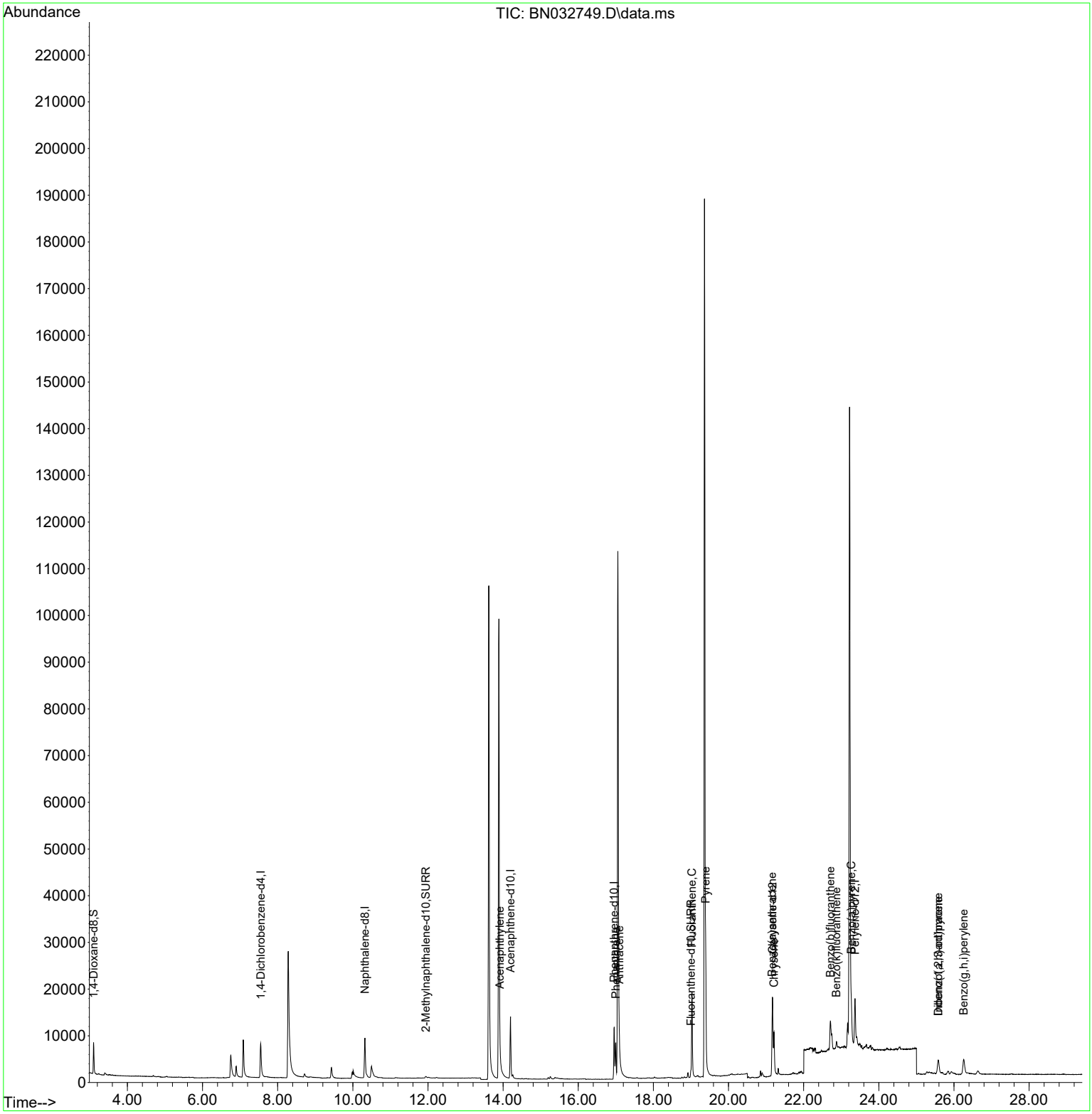
(#) = qualifier out of range (m) = manual integration (+) = signals summed

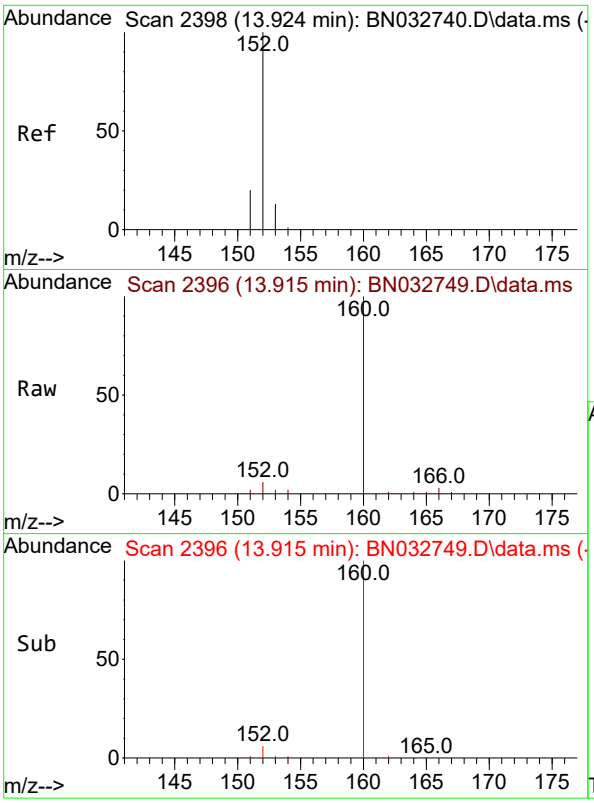
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032749.D
Acq On : 16 Jul 2024 20:06
Operator : MA/JU
Sample : P3035-18DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Quant Time: Jul 16 23:55:02 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



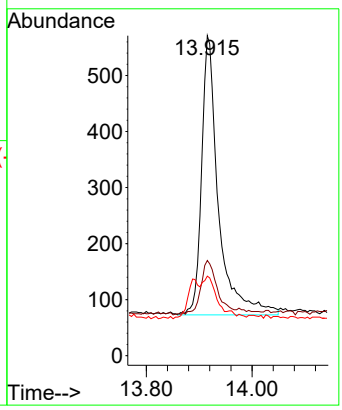


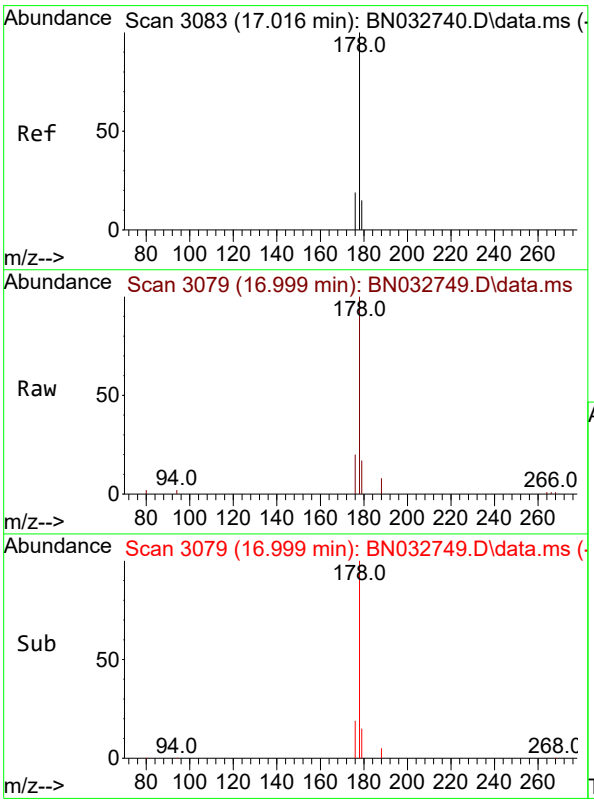
#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.915 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:152 Resp: 1101

Ion	Ratio	Lower	Upper
152	100		
151	29.8	16.3	24.5#
153	24.9	11.3	16.9#

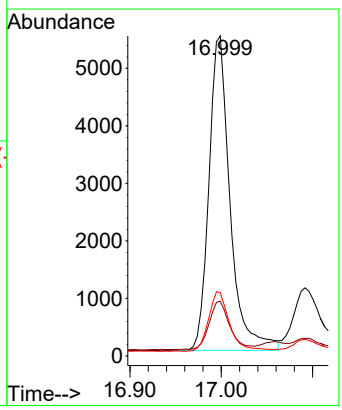


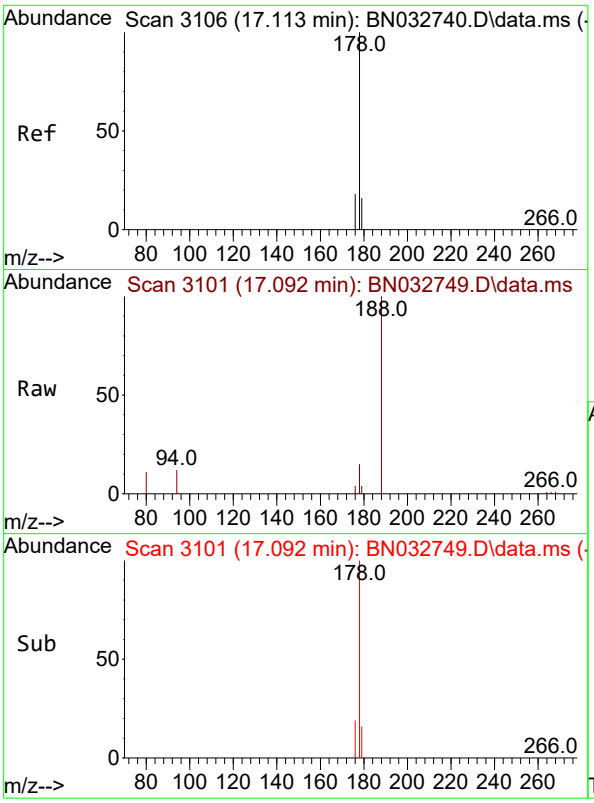


#15
Phenanthrene
Concen: 0.218 ng/ul
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:178 Resp: 8797

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.4
176	19.9	15.6	23.4



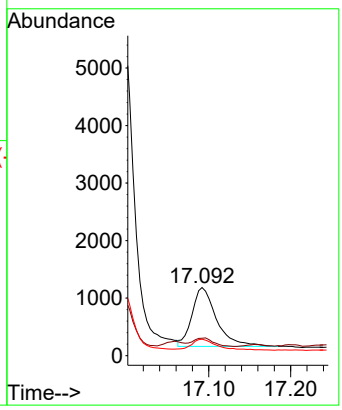


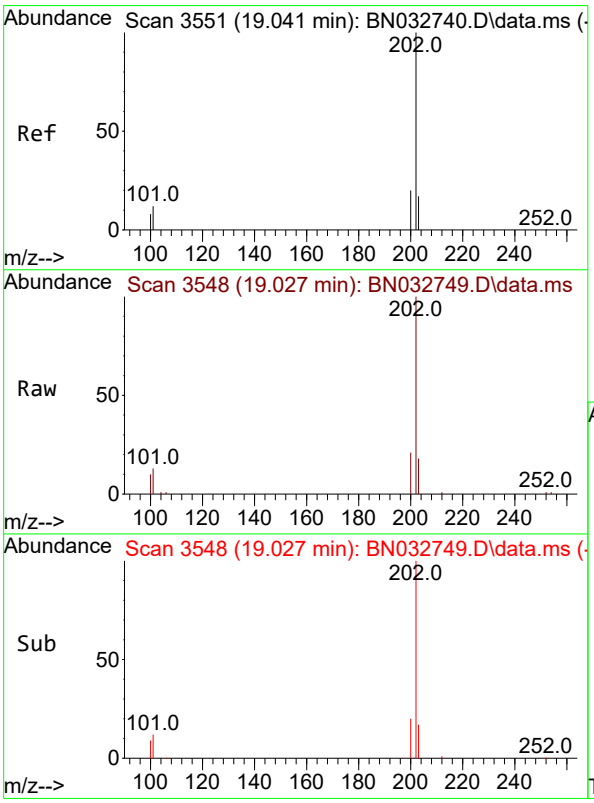
#16
Anthracene
Concen: 0.065 ng/ul
RT: 17.092 min Scan# 3
Delta R.T. -0.047 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:178 Resp: 2141

Ion	Ratio	Lower	Upper
178	100		
179	25.5	13.4	20.2#
176	24.1	15.4	23.0#

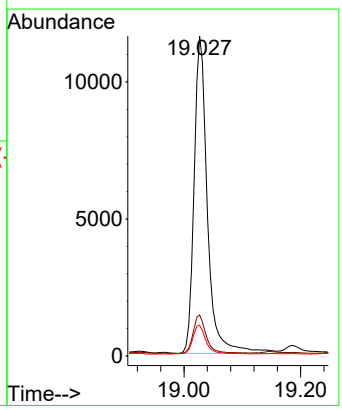


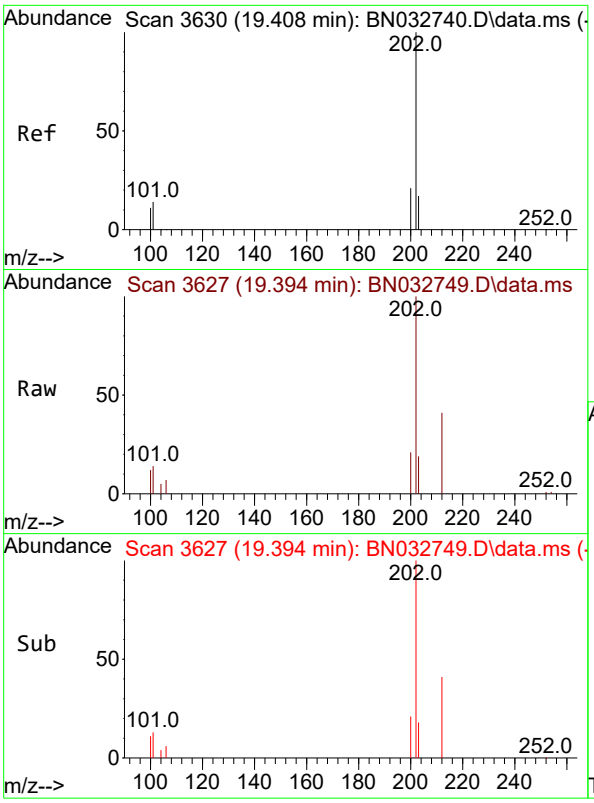


#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:202 Resp: 18458

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
100	9.6	7.9	11.9



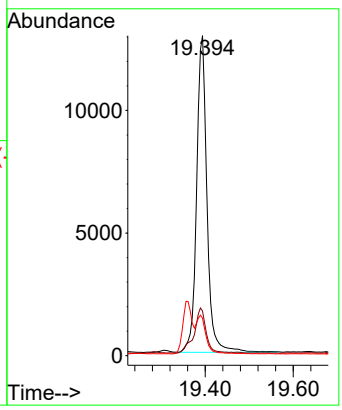


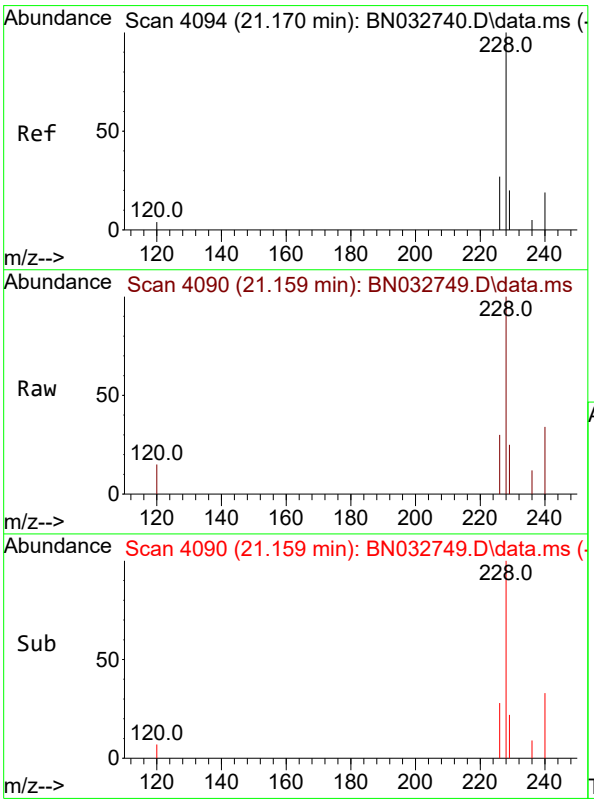
#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. -0.028 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:202 Resp: 21160

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.8	17.6
100	11.7	9.6	14.4

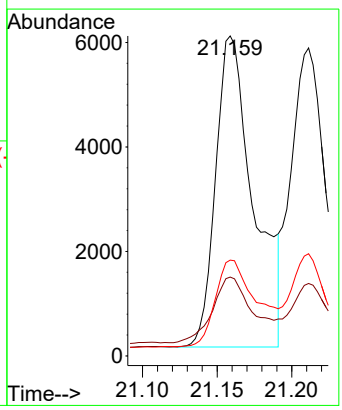


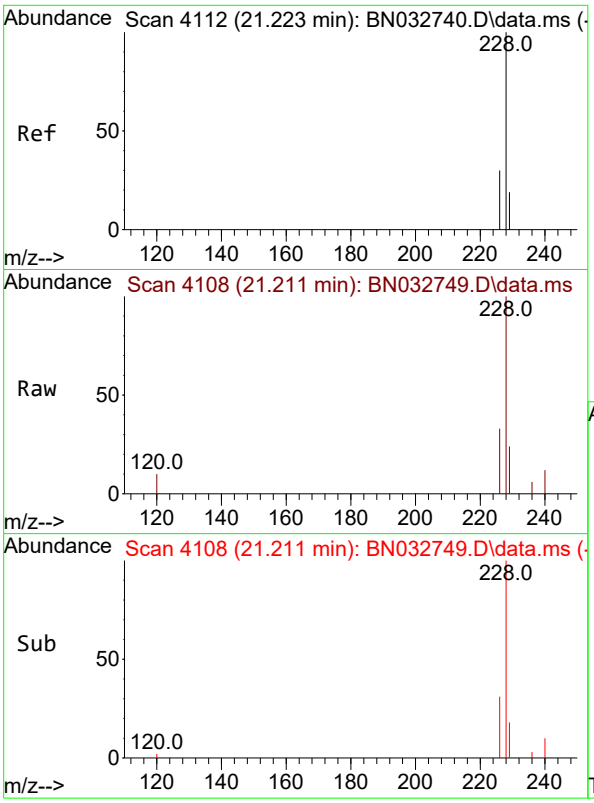


#21
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.023 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:228 Resp: 10510

Ion	Ratio	Lower	Upper
228	100		
229	24.6	16.1	24.1#
226	30.0	21.9	32.9



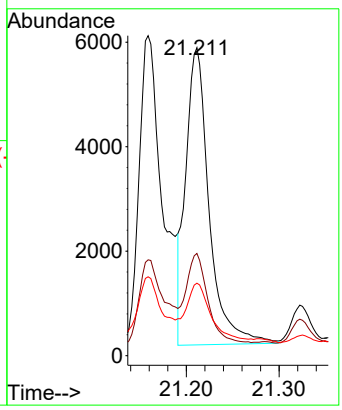


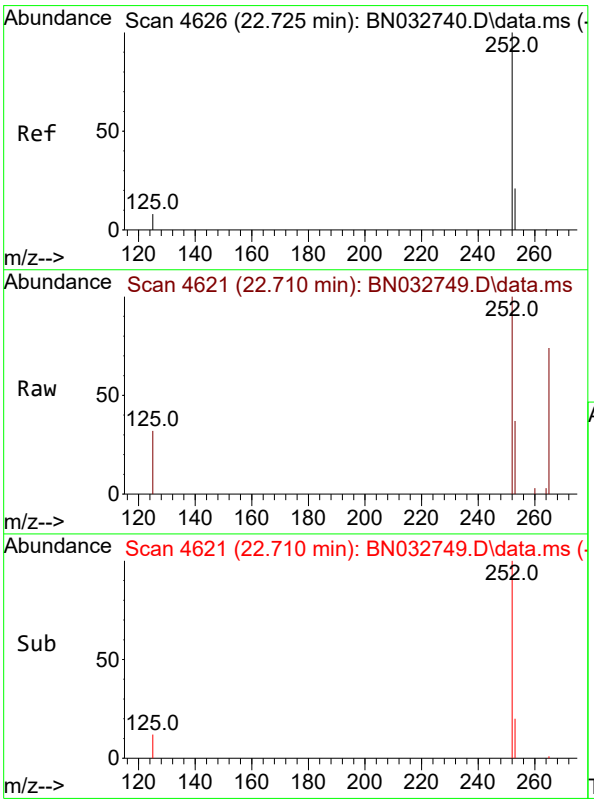
#22
Chrysene
Concen: 0.160 ng/ul
RT: 21.211 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:228 Resp: 9939

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.0	36.0
229	23.5	15.8	23.6

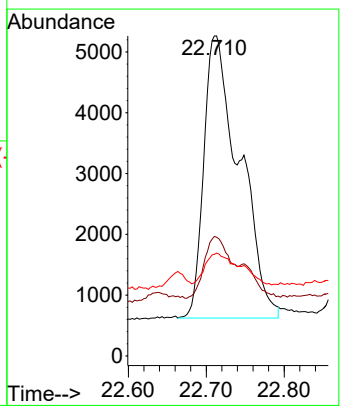


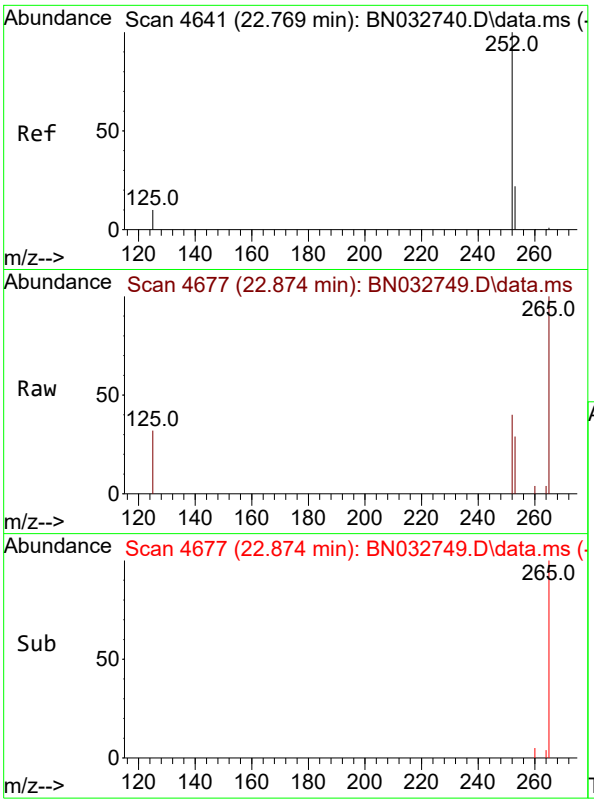


#24
Benzo(b)fluoranthene
Concen: 0.260 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.024 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:252 Resp: 14773

Ion	Ratio	Lower	Upper
252	100		
253	37.3	0.0	54.0
125	31.7	0.0	36.0



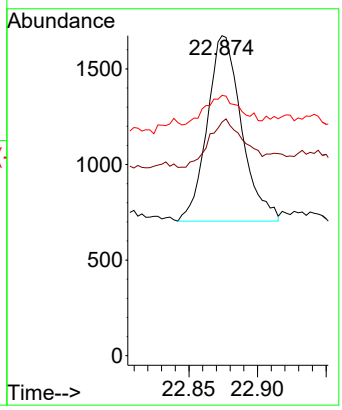


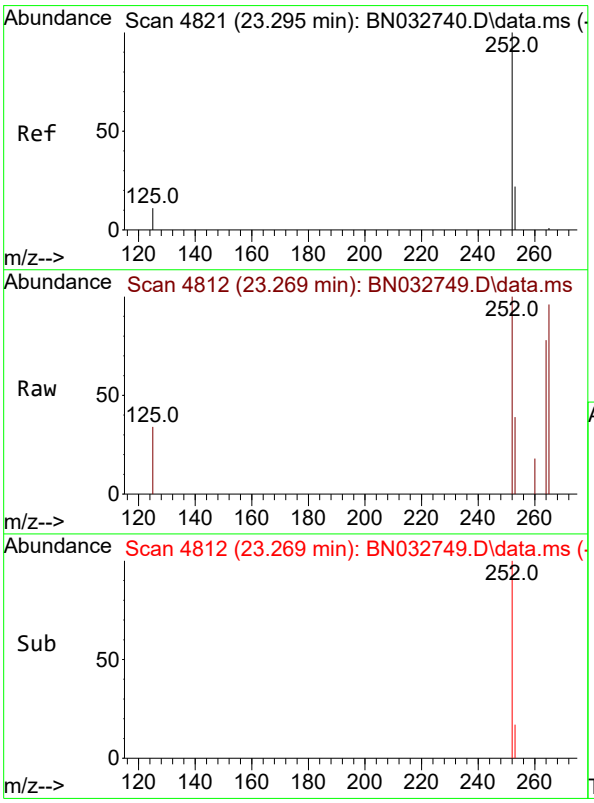
#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 22.874 min Scan# 4
Delta R.T. 0.096 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:252 Resp: 1689

Ion	Ratio	Lower	Upper
252	100		
253	73.0	21.2	31.8#
125	81.4	14.8	22.2#

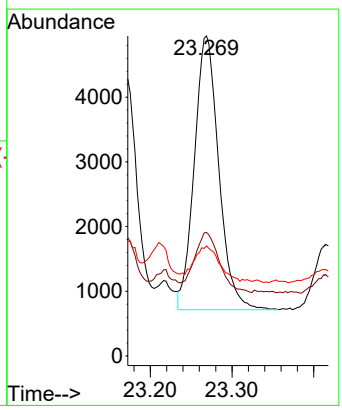


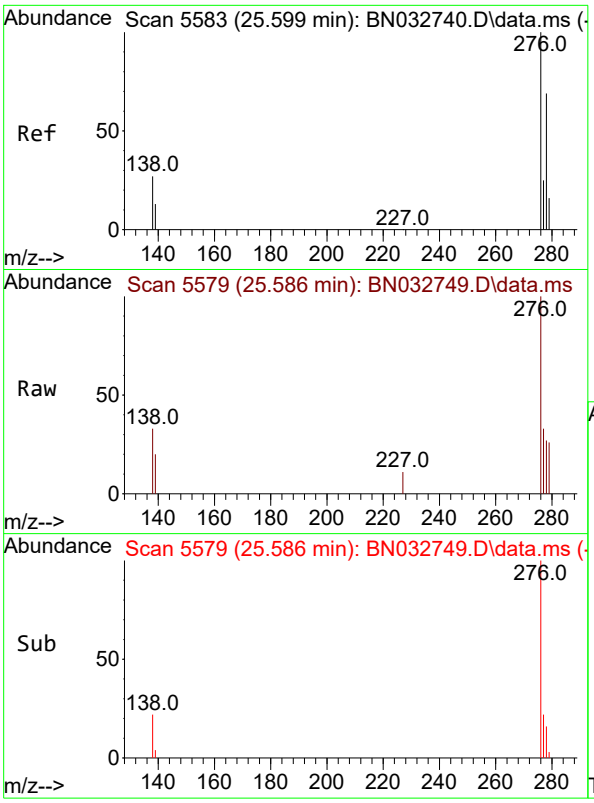


#26
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:252 Resp: 8791

Ion	Ratio	Lower	Upper
252	100		
253	38.6	25.4	38.0#
125	34.4	20.6	30.8#



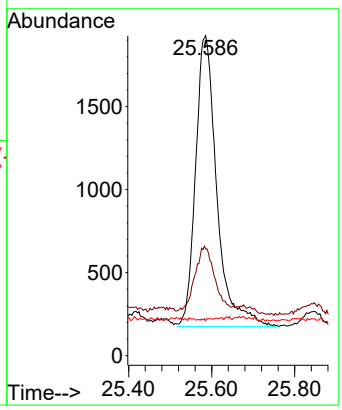


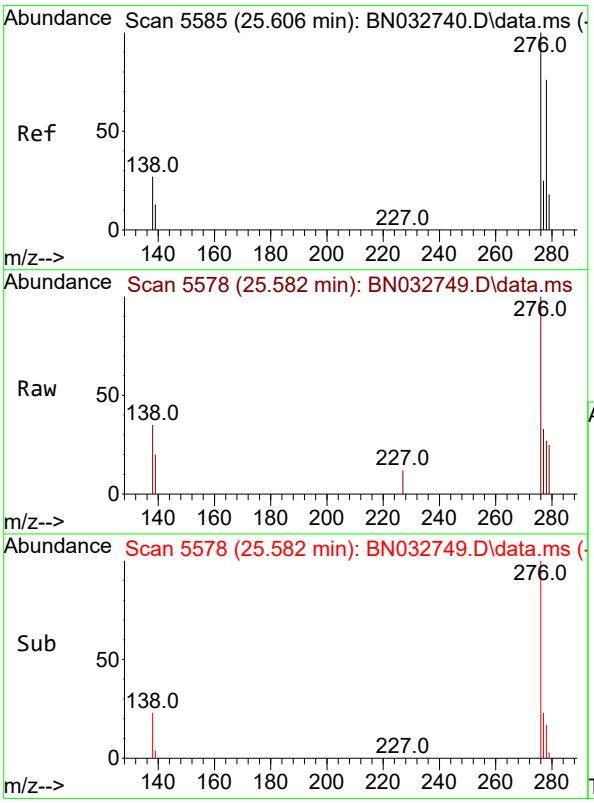
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 25.586 min Scan# 5
Delta R.T. -0.040 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:276 Resp: 6215

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.6	32.4
227	0.1	0.0	0.0#

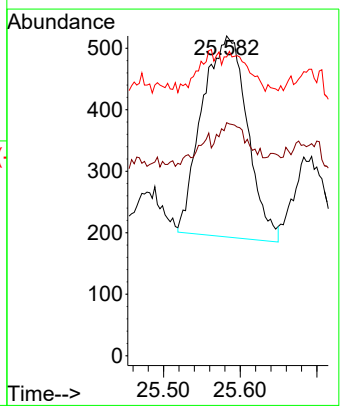


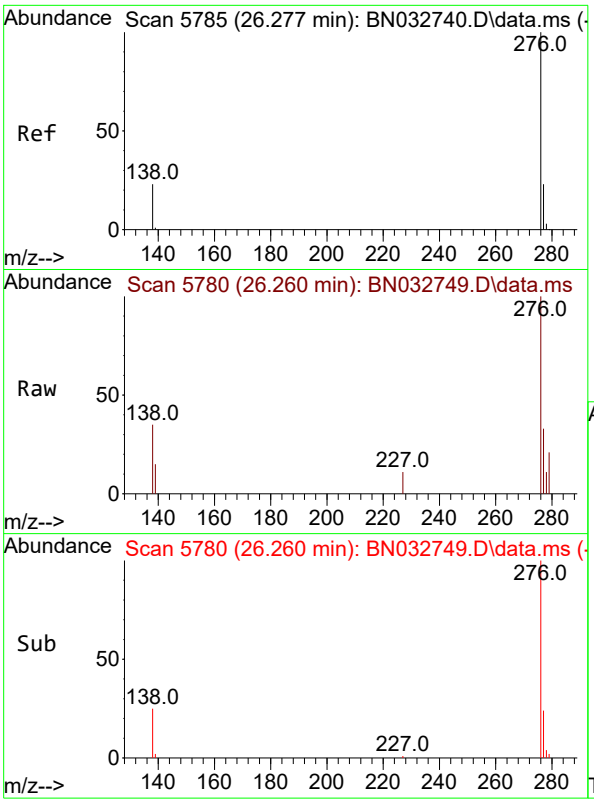


#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.057 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:278 Resp: 1340

Ion	Ratio	Lower	Upper
278	100		
139	72.9	16.6	24.8#
279	93.5	23.7	35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.131 ng/ul
RT: 26.260 min Scan# 5
Delta R.T. -0.040 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4B96DL

Tgt Ion:276 Resp: 7267

Ion	Ratio	Lower	Upper
276	100		
138	34.8	21.0	31.4#
277	32.8	20.6	31.0#