Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027789.D
Acq On : 21 Sep 2023 16:24
Operator : MA/JU
Sample : 04330-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZYF8

Quant Time: Sep 22 04:00:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.004	152	5325	0.400	ng/ul		0.00
4) Naphthalene-d8	10.828	136	17824	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.643	164	10751	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.392	188	24425	0.400	ng/ul		0.00
17) Chrysene-d12	21.574	240	21850	0.400	ng/ul	#	0.00
23) Perylene-d12	24.068	264	20677	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.380	96	15866	2.365	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.407	152	4562	0.169	ng/ul		0.00
18) Fluoranthene-d10	19.413	212	13303	0.199	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.389	88	146	0.021	ng/ul	#	1
5) Naphthalene	10.878	128	1061	0.021	ng/ul	#	63
7) 2-Methylnaphthalene	12.478	142	2029	0.063	ng/ul		98
8) 1-Methylnaphthalene	12.698	142	1783	0.053	ng/ul		95
11) Acenaphthene	14.703	153	1465	0.036	ng/ul		95
12) Fluorene	15.688	166	1787	0.037	ng/ul	#	89
15) Phenanthrene	17.434	178	38879	0.507	ng/ul		99
16) Anthracene	17.527	178	2227	0.035	ng/ul	#	82
19) Fluoranthene	19.445	202	56940	0.644	ng/ul		100
20) Pyrene	19.813	202	52002	0.571	ng/ul		98
21) Benzo(a)anthracene	21.554	228	13902	0.164	ng/ul	#	79
22) Chrysene	21.612	228	19834	0.227	ng/ul	#	82
24) Benzo(b)fluoranthene	23.293	252	32849	0.356	ng/ul	#	42
26) Benzo(a)pyrene	23.951	252	15166	0.205	ng/ul	#	29
27) Indeno(1,2,3-cd)pyrene	26.686	276	10812	0.114	ng/ul	#	87
28) Dibenzo(a,h)anthracene	26.706	278	3261	0.043	ng/ul	#	1
29) Benzo(g,h,i)perylene	27.511	276	25248	0.313	ng/ul	#	81

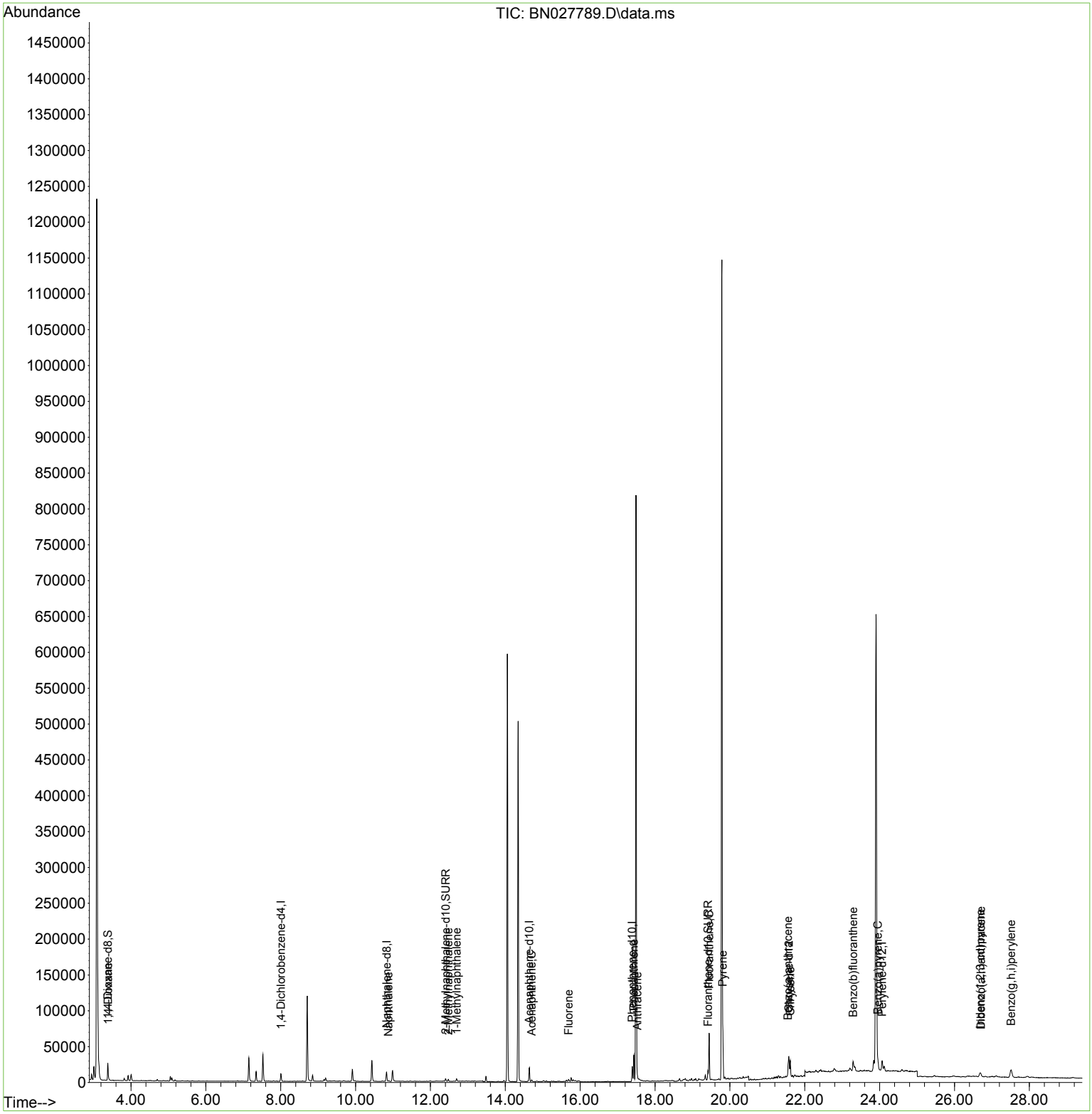
(#) = qualifier out of range (m) = manual integration (+) = signals summed

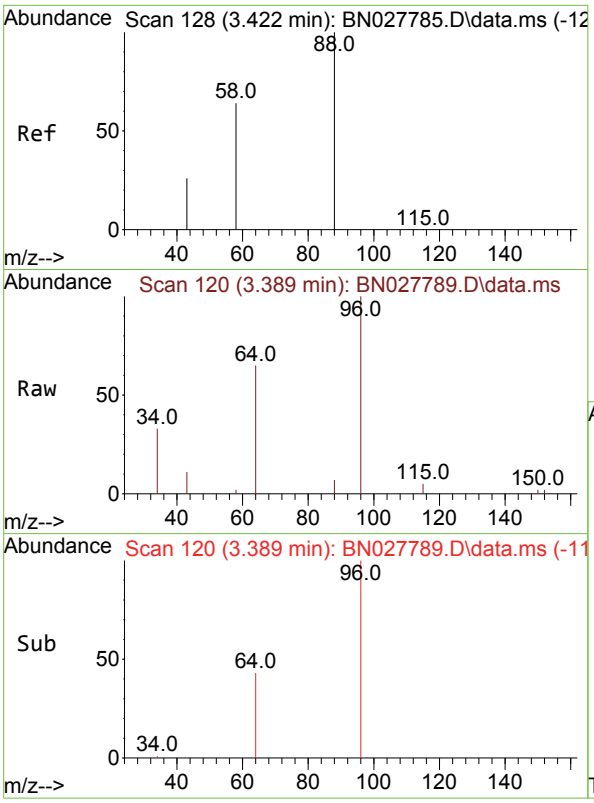
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027789.D
Acq On : 21 Sep 2023 16:24
Operator : MA/JU
Sample : 04330-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZYF8

Quant Time: Sep 22 04:00:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration



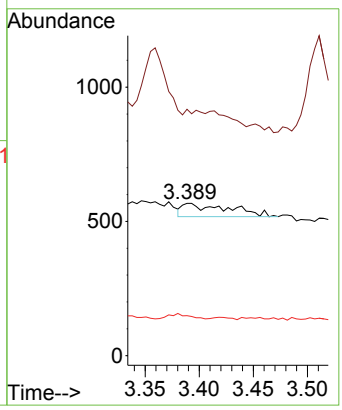


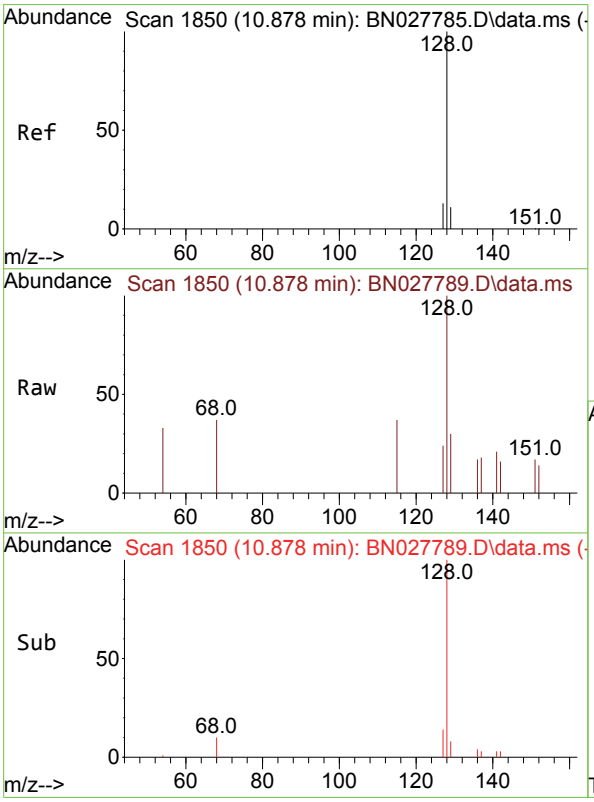
#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.389 min Scan# 1
Delta R.T. -0.034 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion: 88 Resp: 146

Ion	Ratio	Lower	Upper
88	100		
43	161.9	39.6	59.4#
58	26.3	48.3	72.5#

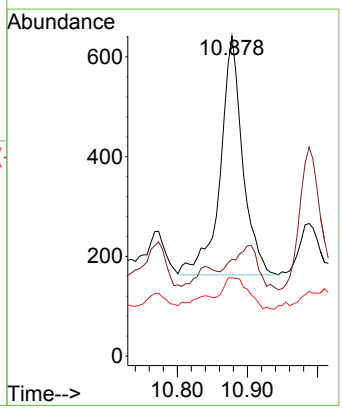


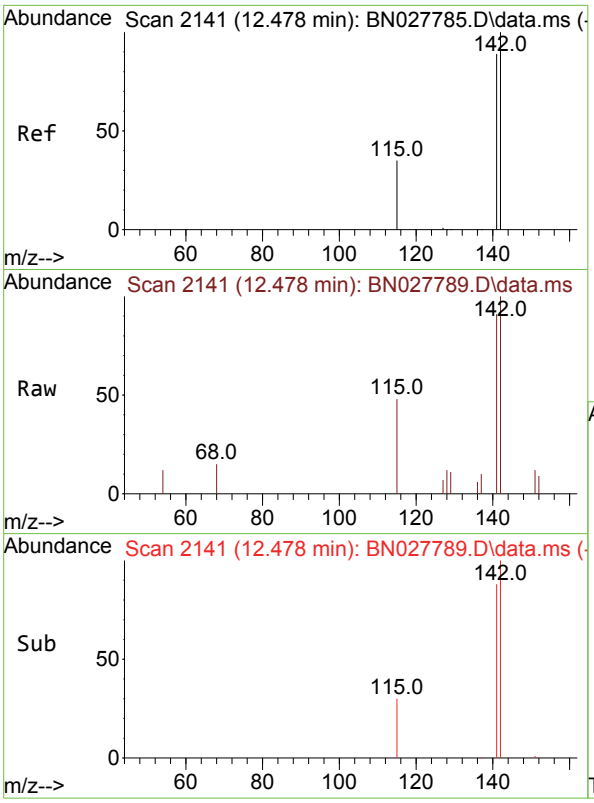


#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:128 Resp: 1061

Ion	Ratio	Lower	Upper
128	100		
129	30.2	9.3	13.9#
127	24.5	10.7	16.1#



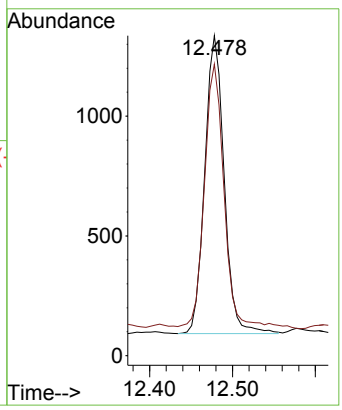


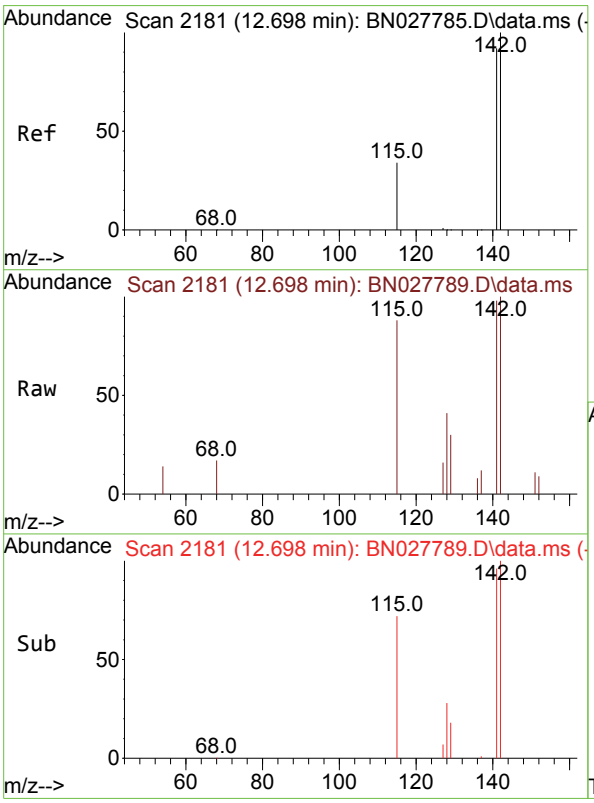
#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:142 Resp: 2029

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.1	106.7

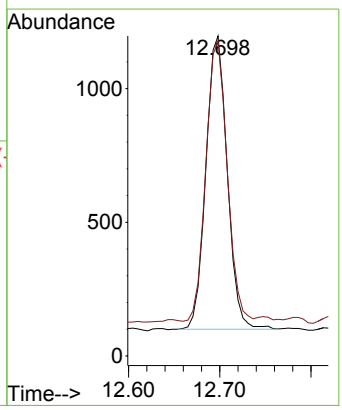


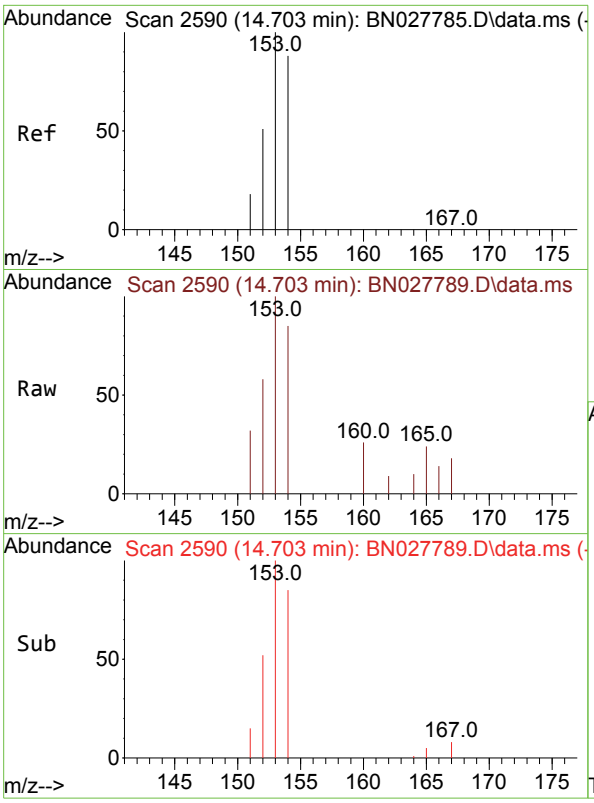


#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:142 Resp: 1783

Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.8	109.2



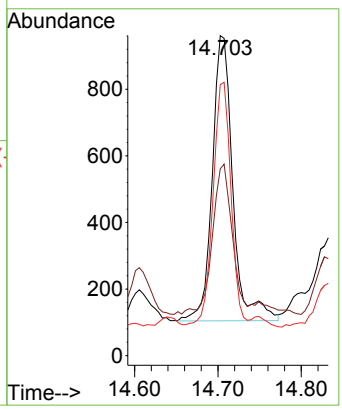


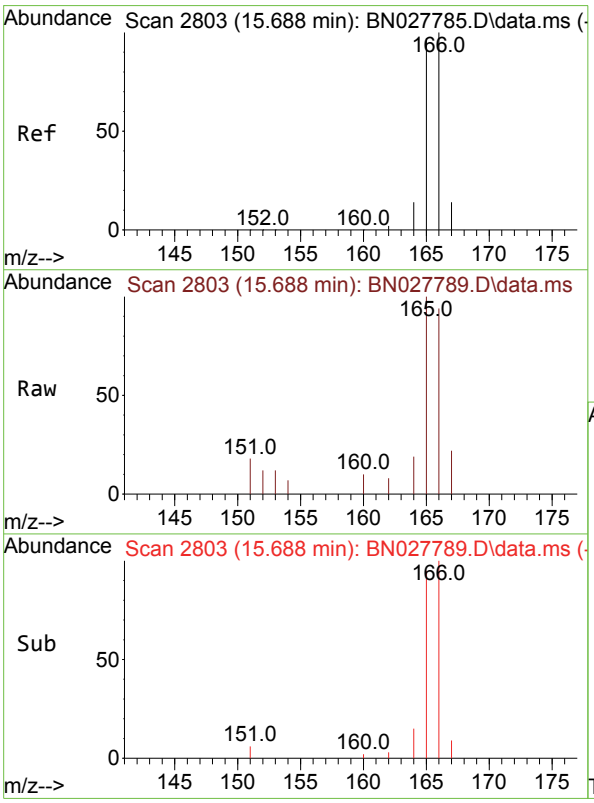
#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:153 Resp: 1465

Ion	Ratio	Lower	Upper
153	100		
152	58.4	41.7	62.5
154	84.7	70.3	105.5

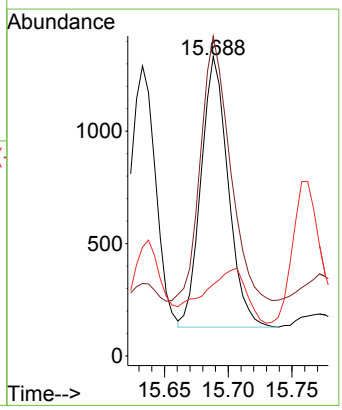


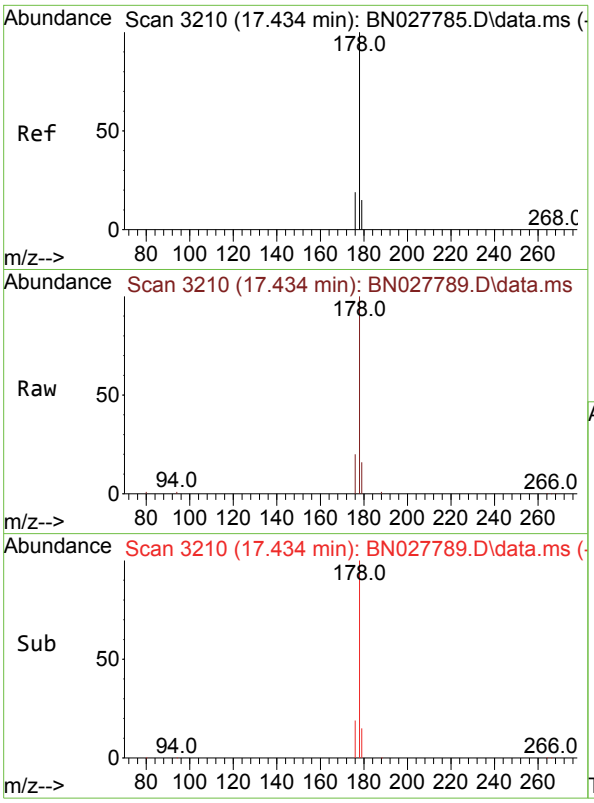


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:166 Resp: 1787

Ion	Ratio	Lower	Upper
166	100		
165	106.8	78.0	117.0
167	23.9	11.4	17.2#



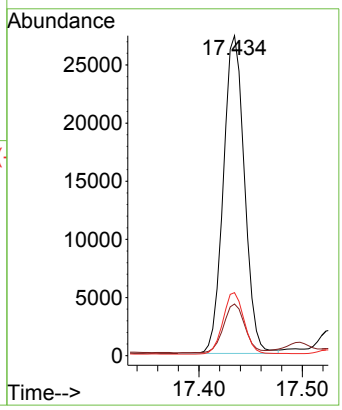


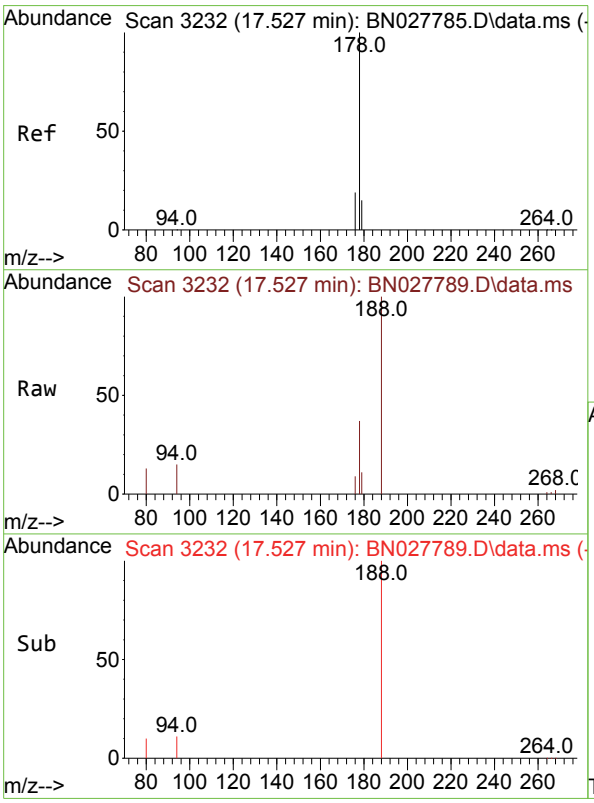
#15
Phenanthrene
Concen: 0.507 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:178 Resp: 38879

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.7	16.0	24.0

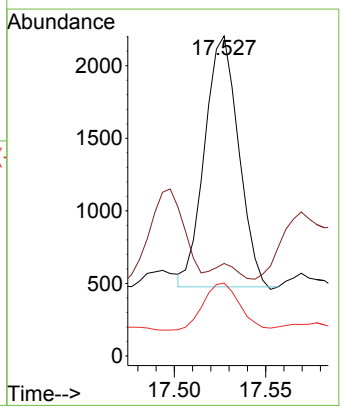


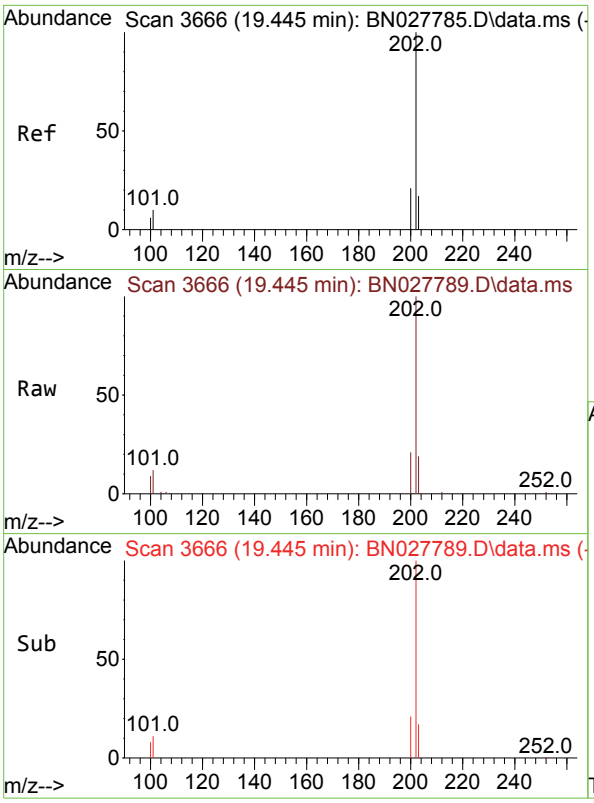


#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:178 Resp: 2227

Ion	Ratio	Lower	Upper
178	100		
179	28.9	12.6	19.0#
176	22.8	15.5	23.3



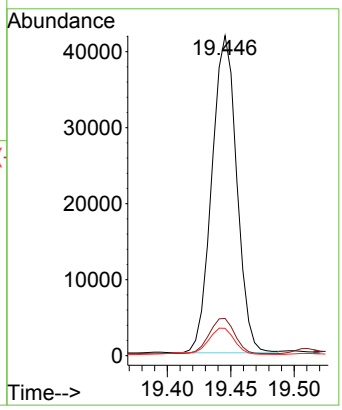


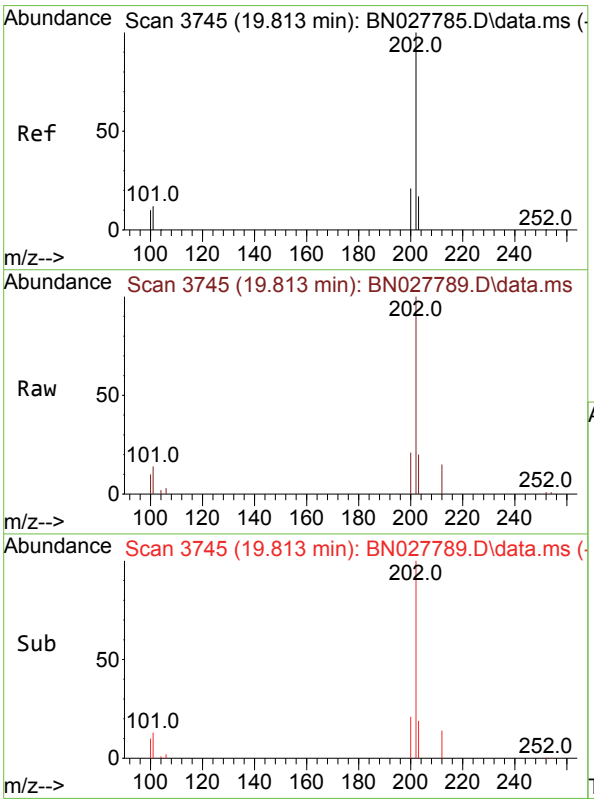
#19
Fluoranthene
Concen: 0.644 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:202 Resp: 56940

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
100	8.5	7.0	10.4

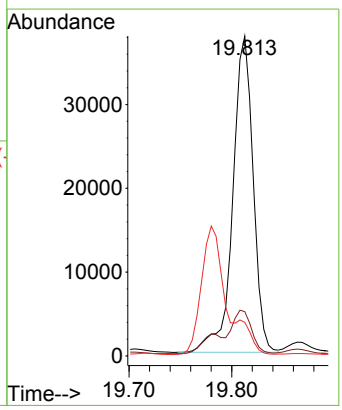


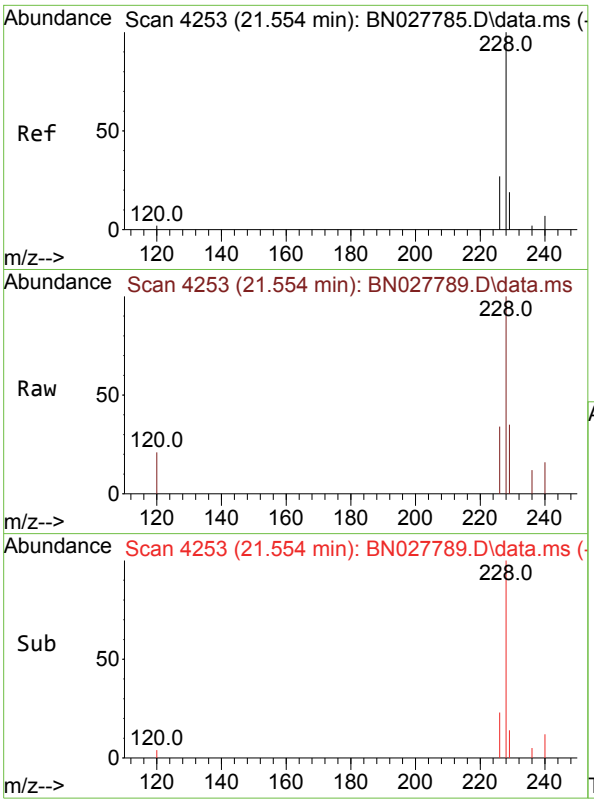


#20
Pyrene
Concen: 0.571 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:202 Resp: 52002

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	10.5	9.1	13.7



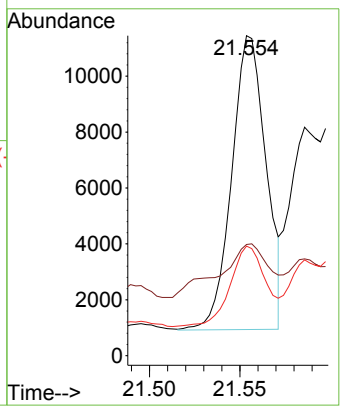


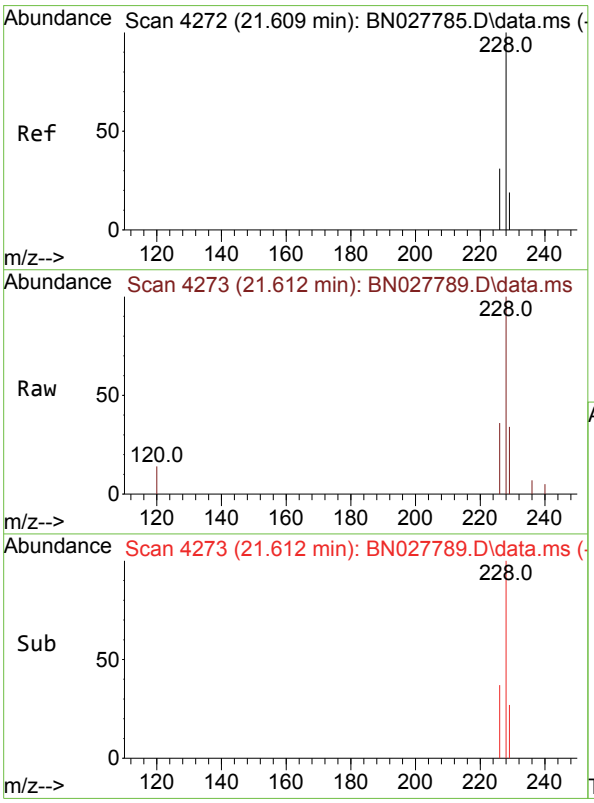
#21
Benzo(a)anthracene
Concen: 0.164 ng/ul
RT: 21.554 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:228 Resp: 13902

Ion	Ratio	Lower	Upper
228	100		
229	34.7	15.8	23.8#
226	34.2	22.0	33.0#

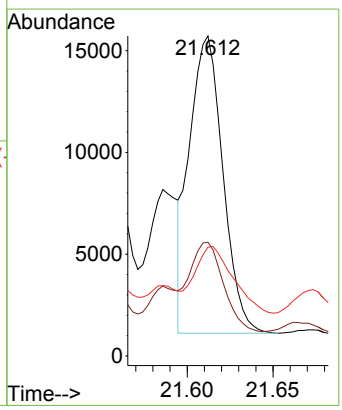


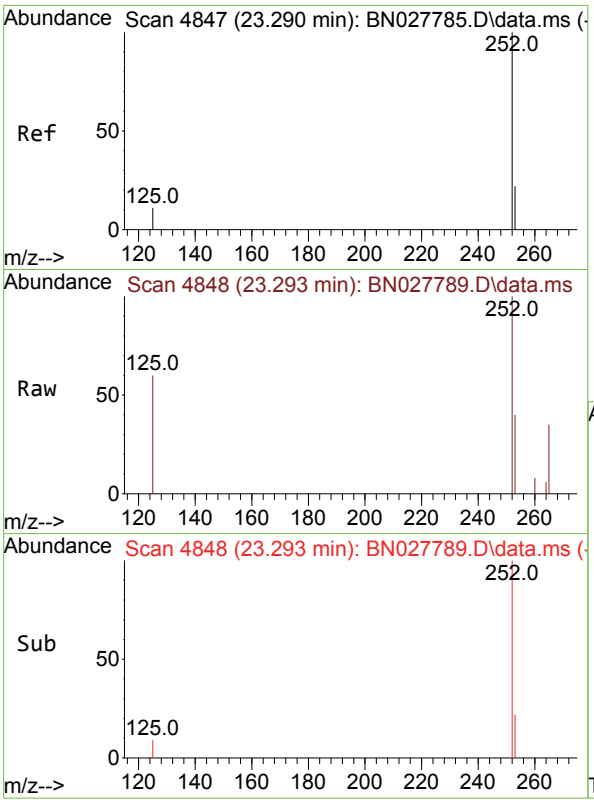


#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:228 Resp: 19834

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.5	36.7
229	34.0	16.0	24.0#



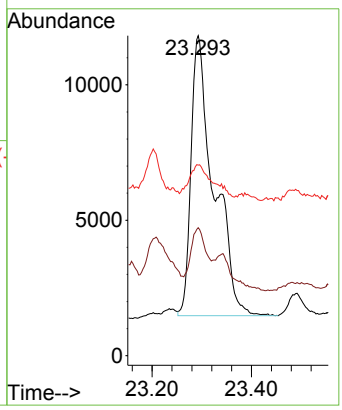


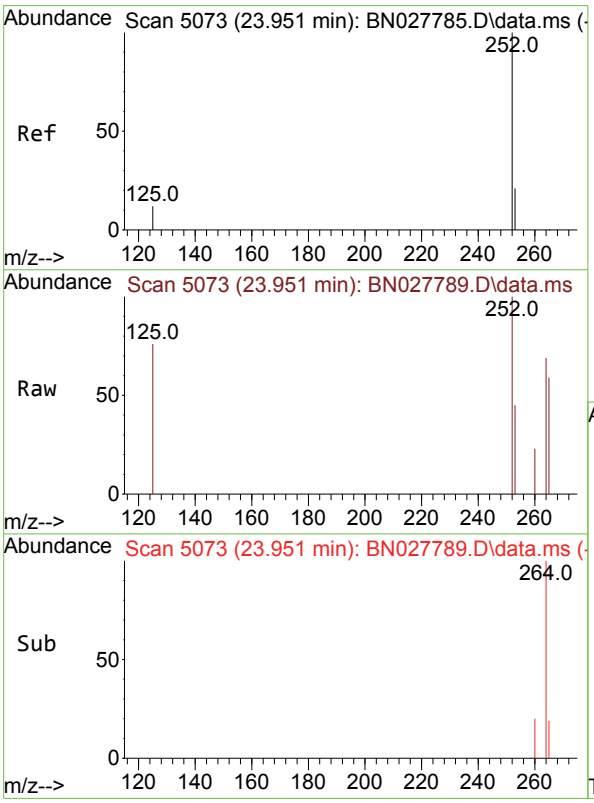
#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.293 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:252 Resp: 32849

Ion	Ratio	Lower	Upper
252	100		
253	40.0	0.0	50.2
125	59.6	0.0	31.4#

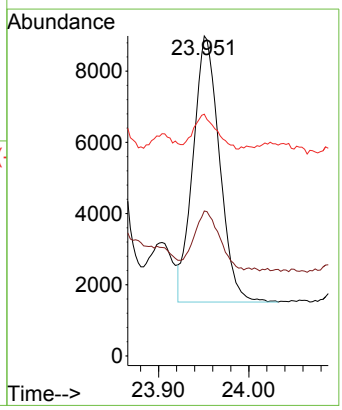


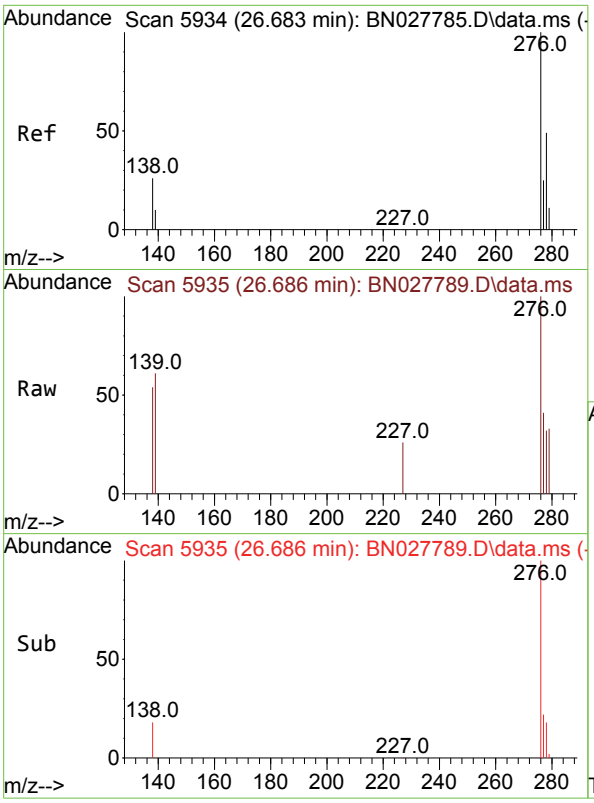


#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:252 Resp: 15166

Ion	Ratio	Lower	Upper
252	100		
253	45.3	21.9	32.9#
125	75.5	15.5	23.3#



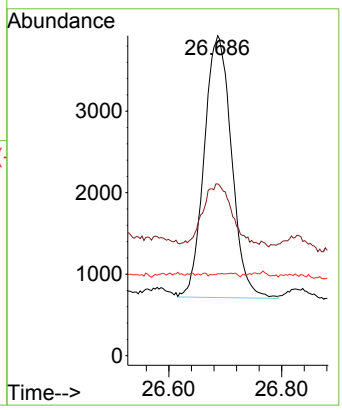


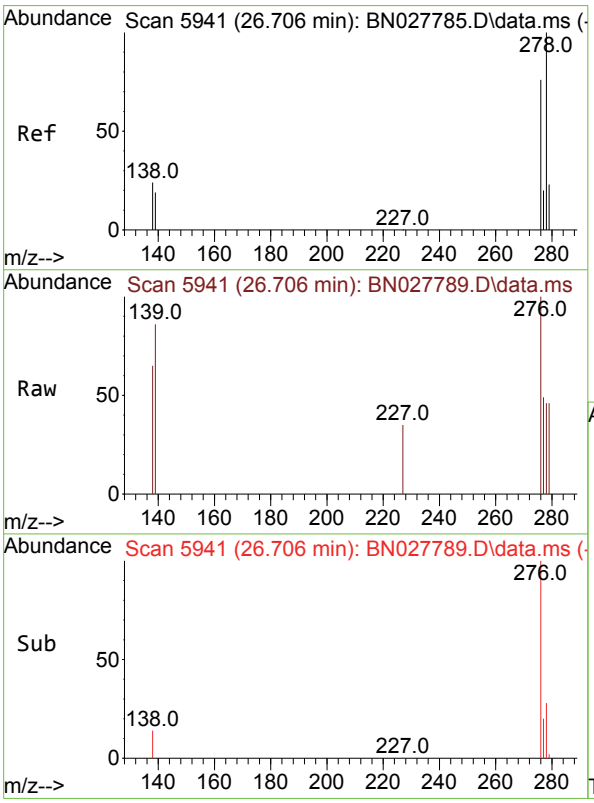
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.686 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:276 Resp: 10812

Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.3	36.5#
227	0.0	0.0	0.0

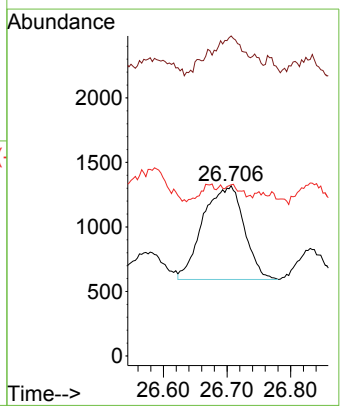


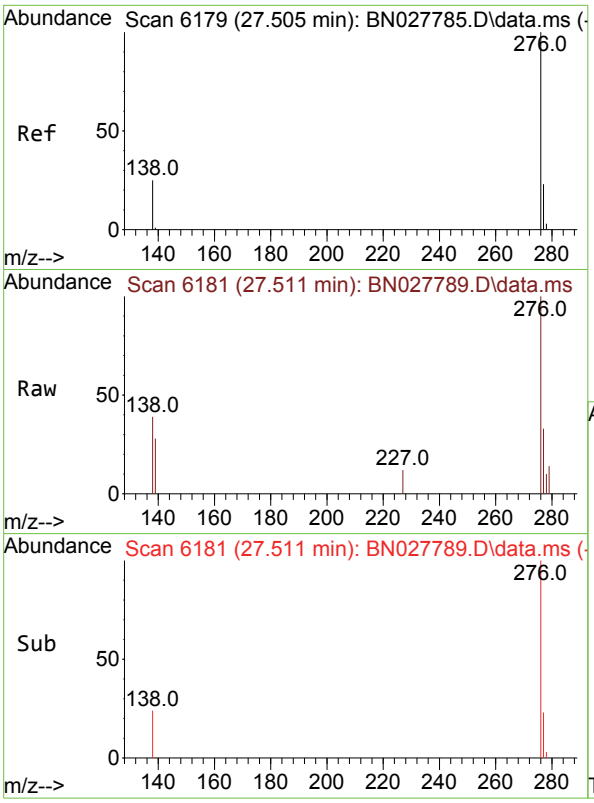


#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Tgt Ion:278 Resp: 3261

Ion	Ratio	Lower	Upper
278	100		
139	187.9	17.2	25.8#
279	100.5	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.511 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

Instrument :
BNA_N
ClientSampleId :
EZYF8

Tgt Ion:276 Resp: 25248

Ion	Ratio	Lower	Upper
276	100		
138	39.1	21.7	32.5#
277	32.6	20.2	30.2#