Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028717.D
Acq On : 18 Nov 2023 00:54
Operator : MA/JU
Sample : PB156818BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS818

Quant Time: Nov 18 02:00:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	8	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.511	136	29	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.333	164	13	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.101	188	18	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.305	240	67	0.400	ng/ul	# 0.01
23) Perylene-d12	23.568	264	3	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	6234	705.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.111	152	8621	197.465	ng/ul	0.00
18) Fluoranthene-d10	19.120	212	28300	131.256	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	18638	1907.079	ng/ul#	80
5) Naphthalene	10.555	128	18961	233.308	ng/ul	97
7) 2-Methylnaphthalene	12.177	142	9736	181.836	ng/ul	96
8) 1-Methylnaphthalene	12.364	142	13368	245.871	ng/ul	100
10) Acenaphthylene	14.051	152	25059	386.232	ng/ul	98
11) Acenaphthene	14.389	153	20079	420.536	ng/ul	99
12) Fluorene	15.393	166	18836	339.075	ng/ul	99
14) Pentachlorophenol	16.742	266	3936	911.145	ng/ul	99
15) Phenanthrene	17.130	178	26675	482.343	ng/ul	98
16) Anthracene	17.240	178	18557	365.927	ng/ul	96
19) Fluoranthene	19.148	202	36268	127.277	ng/ul	100
20) Pyrene	19.511	202	40404	136.811	ng/ul	97
21) Benzo(a)anthracene	21.285	228	21190	79.986	ng/ul	98
22) Chrysene	21.329	228	30481	117.688	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	24729	2196.037	ng/ul	89
25) Benzo(k)fluoranthene	22.933	252	30301	2570.015	ng/ul	93
26) Benzo(a)pyrene	23.480	252	25552	2404.049	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.925	276	29536	2504.014	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.959	278	22458	2382.302	ng/ul	96
29) Benzo(g,h,i)perylene	26.636	276	26136	2702.960	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028717.D
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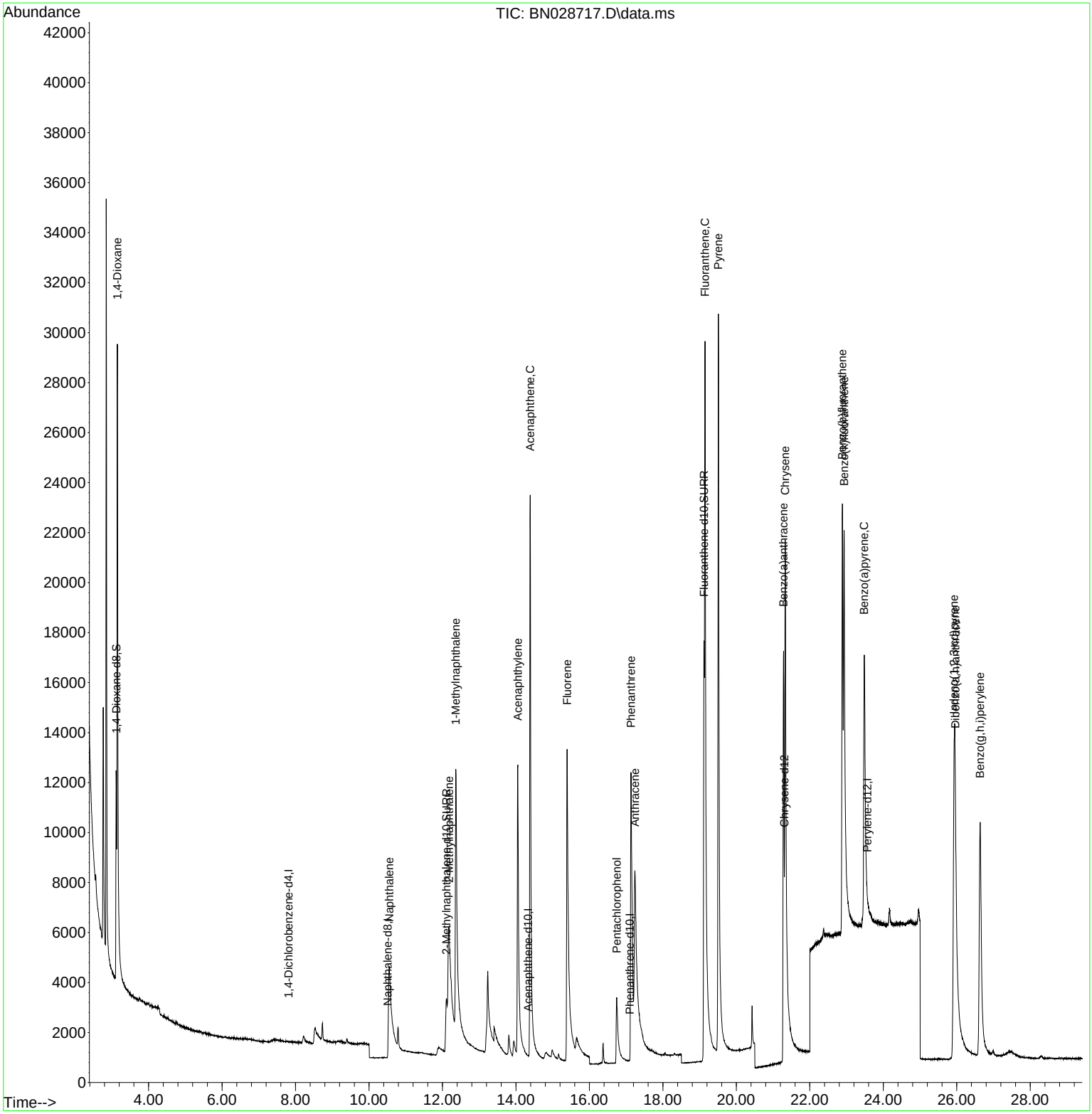
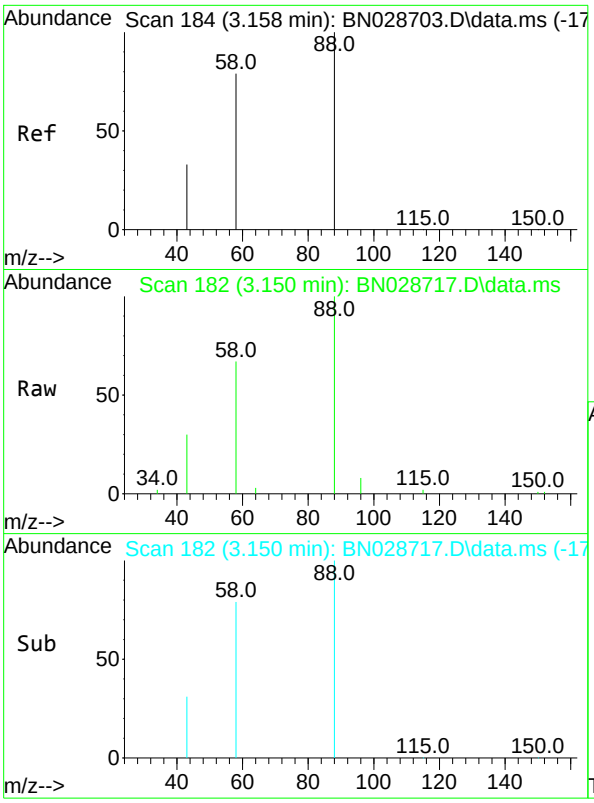


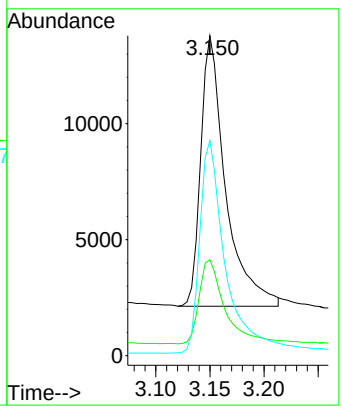


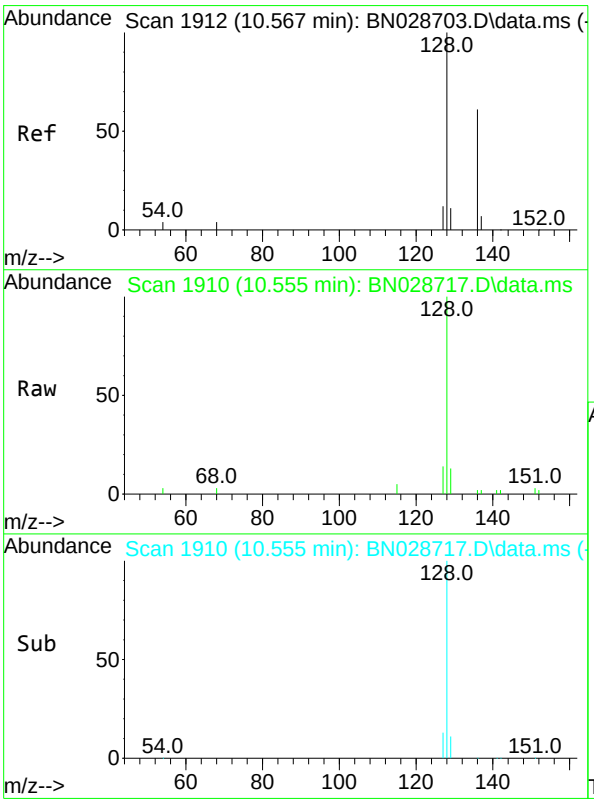
#2
1,4-Dioxane
Concen: 1907.079 ng/ul
RT: 3.150 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion: 88 Resp: 18638

Ion	Ratio	Lower	Upper
88	100		
43	30.0	32.9	49.3#
58	67.3	41.8	62.8#

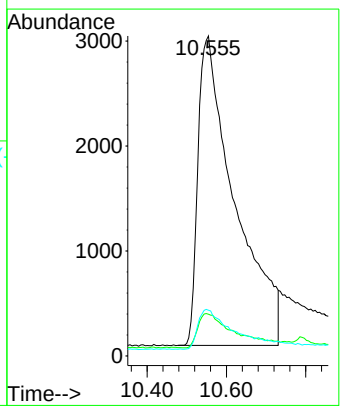


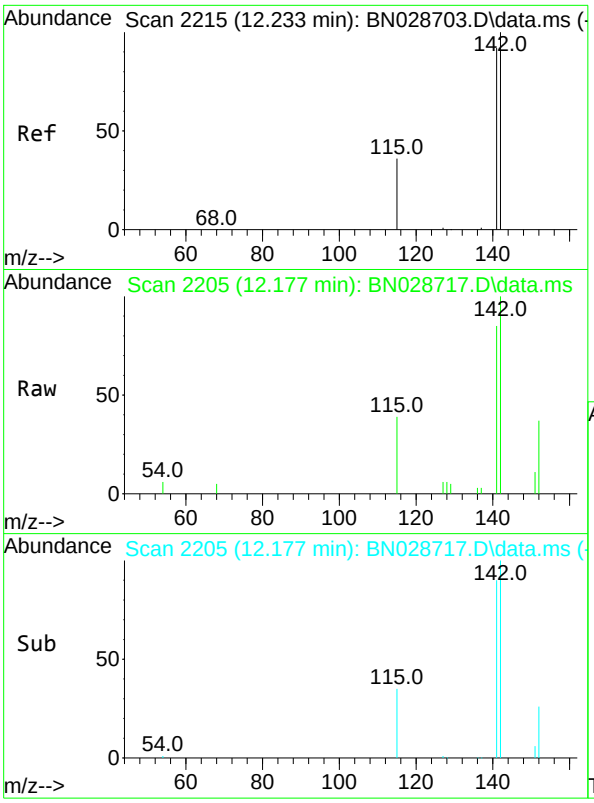


#5
Naphthalene
Concen: 233.308 ng/ul
RT: 10.555 min Scan# 1910
Delta R.T. 0.021 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:128 Resp: 18961

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.2	13.8
127	14.3	10.7	16.1



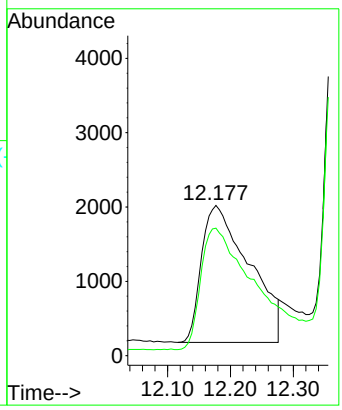


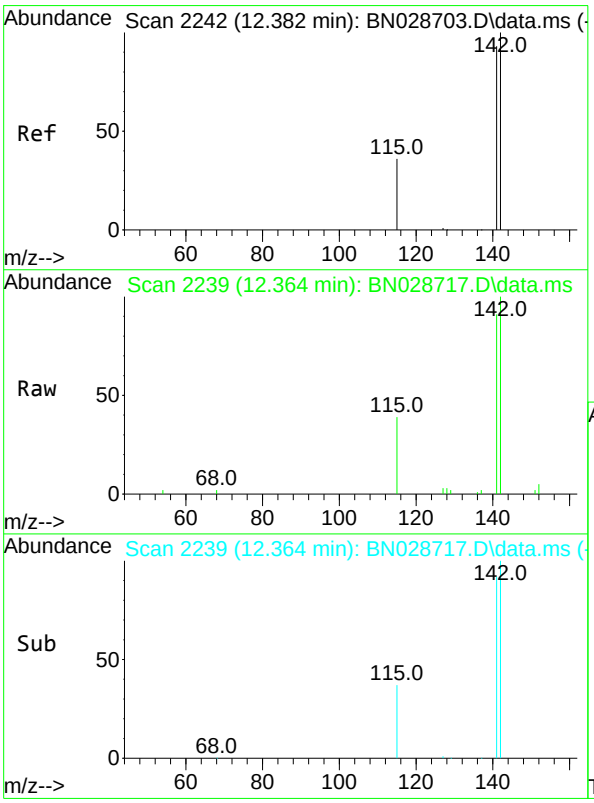
#7
2-Methylnaphthalene
Concen: 181.836 ng/ul
RT: 12.177 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:142 Resp: 9736

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.8	106.2

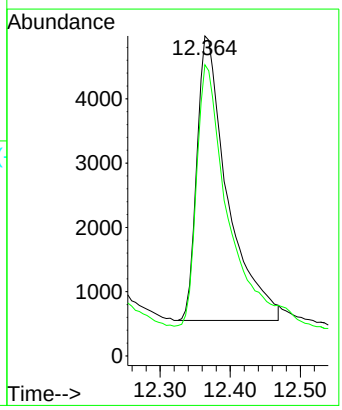


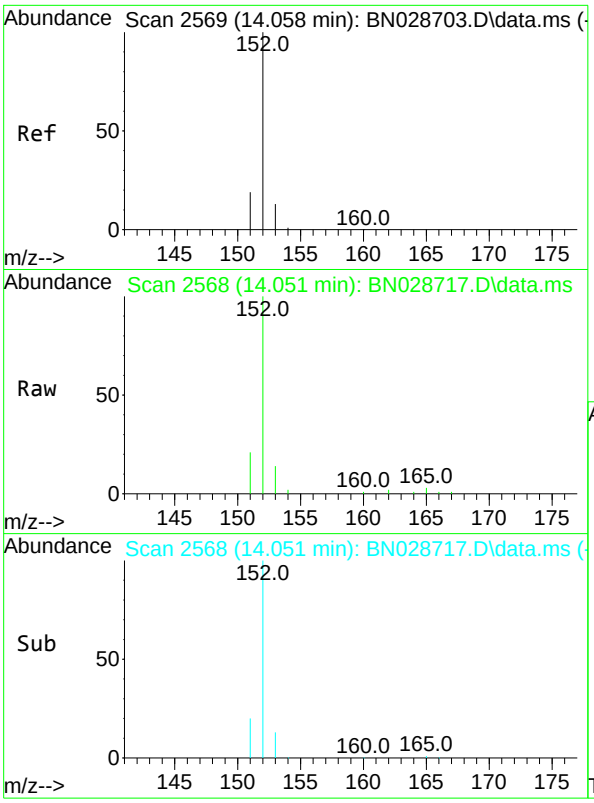


#8
1-Methylnaphthalene
Concen: 245.871 ng/ul
RT: 12.364 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:142 Resp: 13368

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.1	111.1



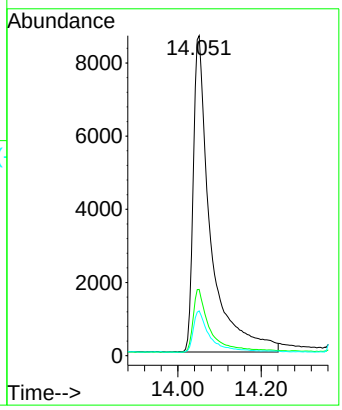


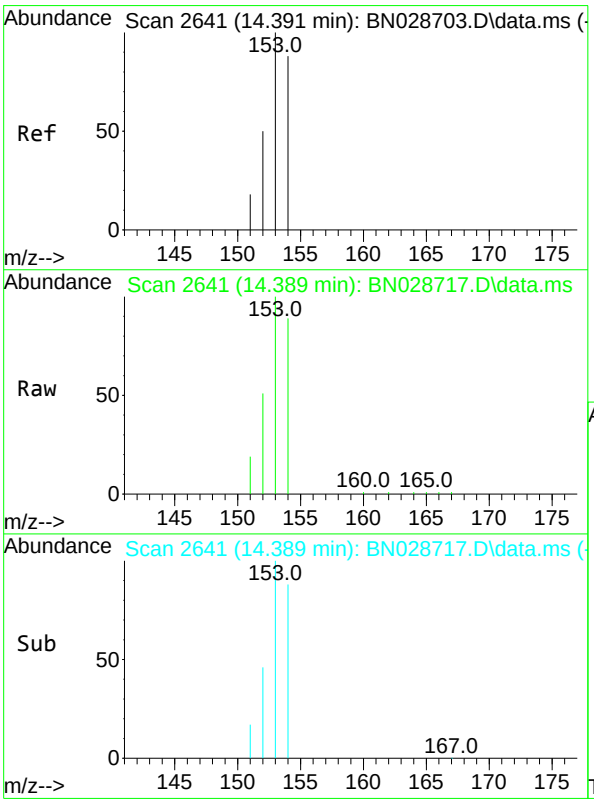
#10
Acenaphthylene
Concen: 386.232 ng/ul
RT: 14.051 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:152 Resp: 25059

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.0	10.6	15.8

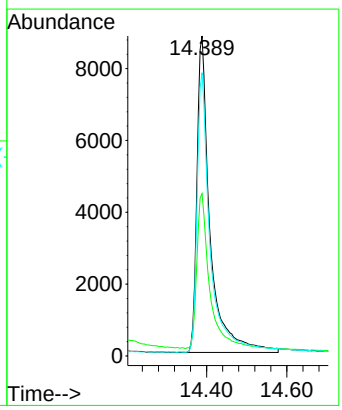


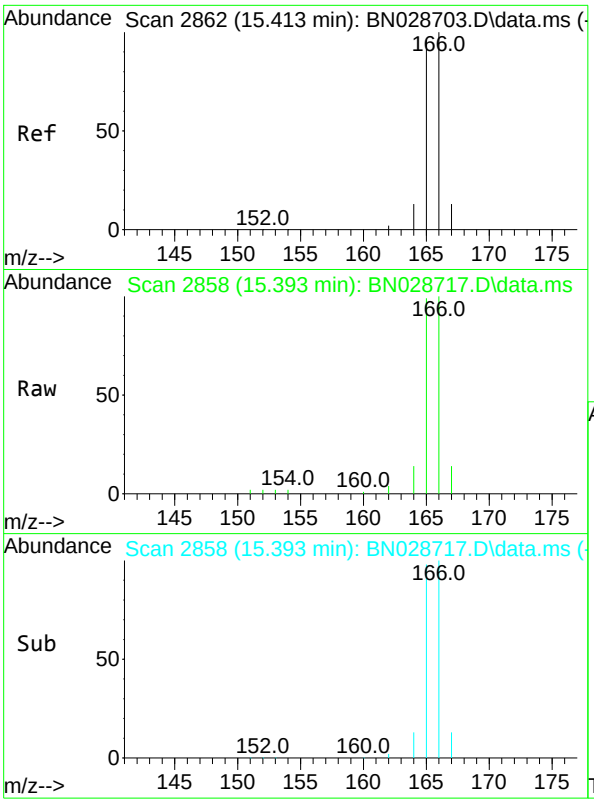


#11
Acenaphthene
Concen: 420.536 ng/ul
RT: 14.389 min Scan# 2641
Delta R.T. -0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:153 Resp: 20079

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.6	59.4
154	88.6	71.0	106.6



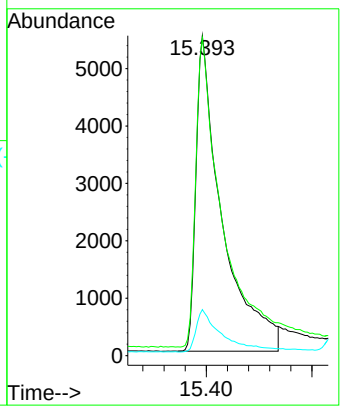


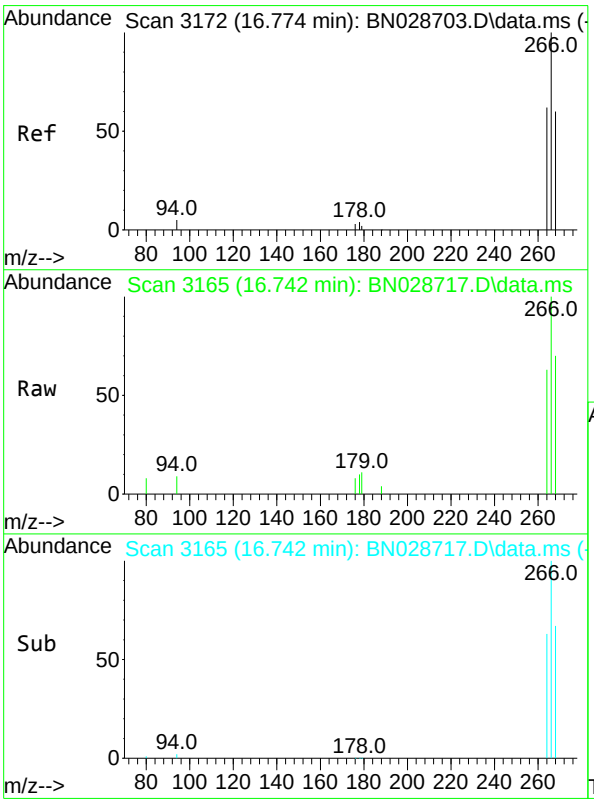
#12
Fluorene
Concen: 339.075 ng/ul
RT: 15.393 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:166 Resp: 18836

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	118.0
167	14.4	11.0	16.6

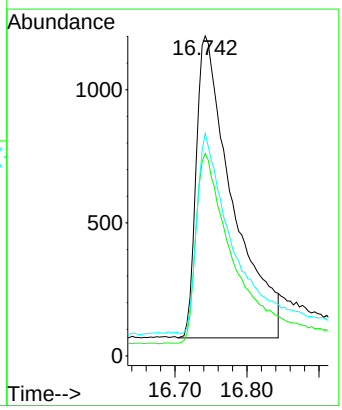


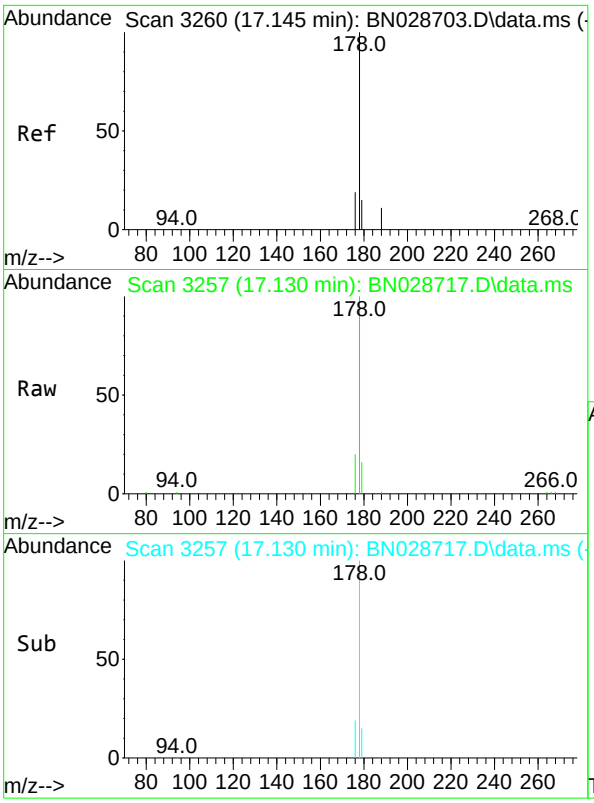


#14
Pentachlorophenol
Concen: 911.145 ng/ul
RT: 16.742 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:266 Resp: 3936

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.1	75.1
268	64.2	50.6	75.8



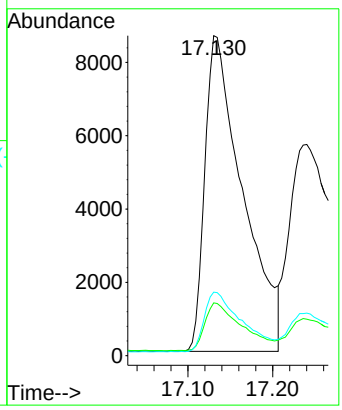


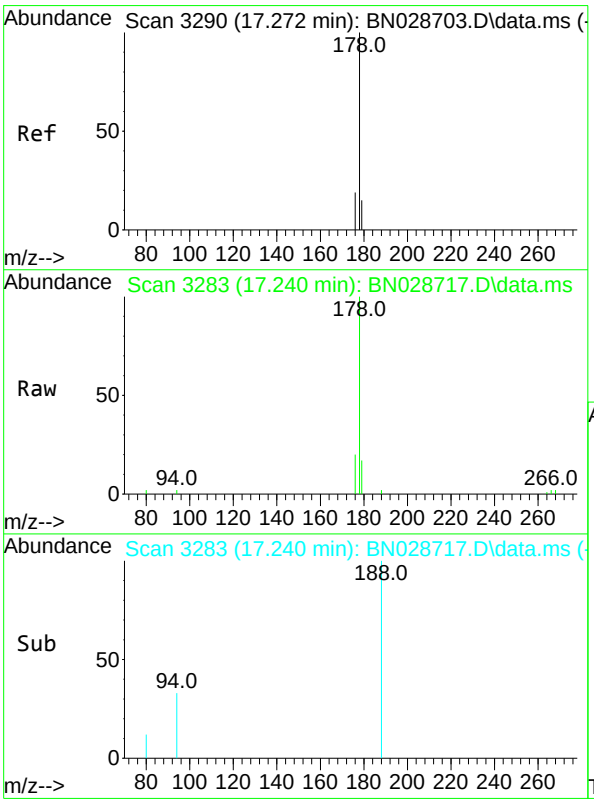
#15
Phenanthrene
Concen: 482.343 ng/ul
RT: 17.130 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:178 Resp: 26675

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	19.9	15.4	23.2

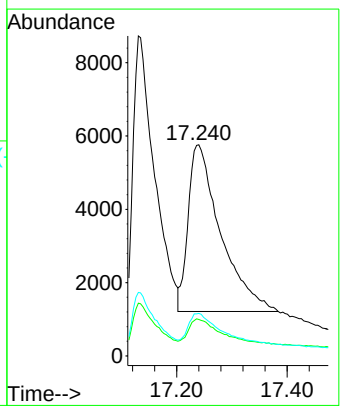


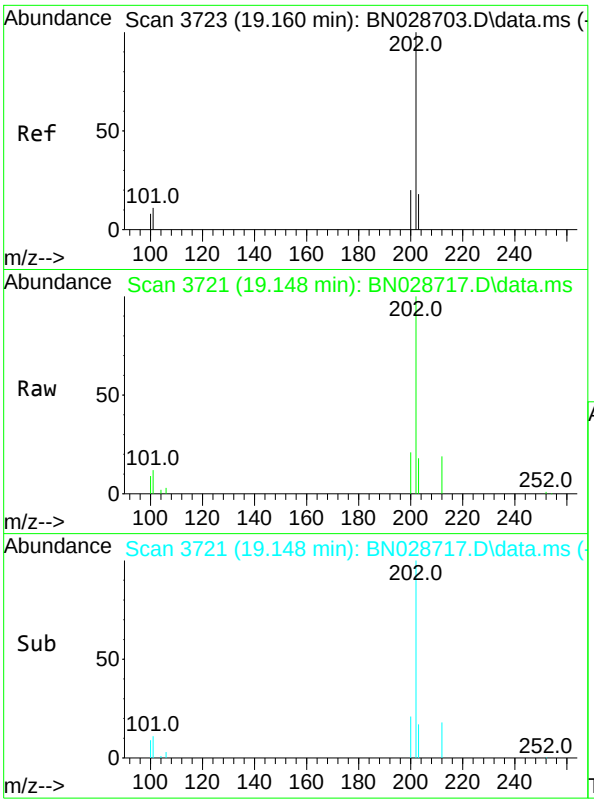


#16
Anthracene
Concen: 365.927 ng/ul
RT: 17.240 min Scan# 3283
Delta R.T. 0.003 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:178 Resp: 18557

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	18.8
176	20.1	14.9	22.3



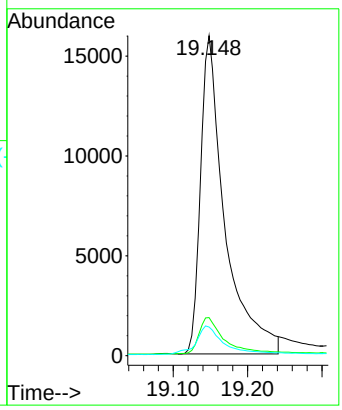


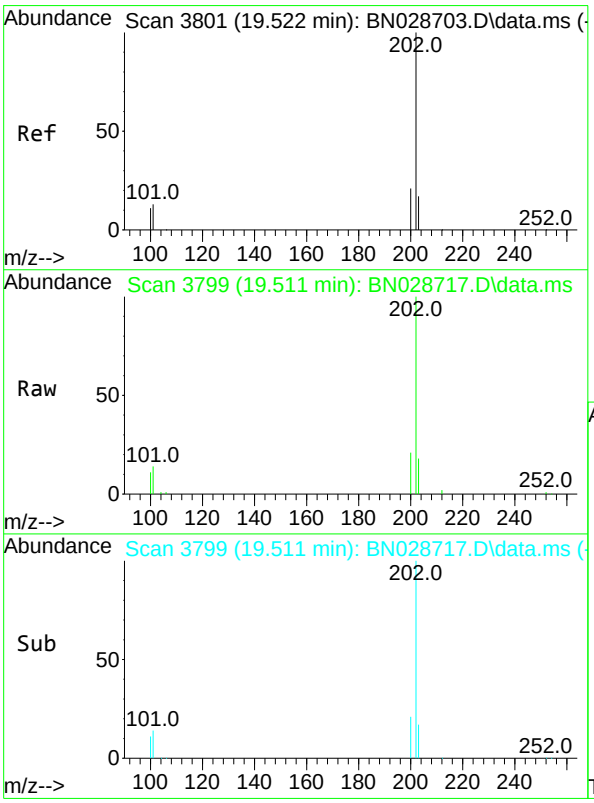
#19
Fluoranthene
Concen: 127.277 ng/ul
RT: 19.148 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:202 Resp: 36268

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	9.0	7.2	10.8

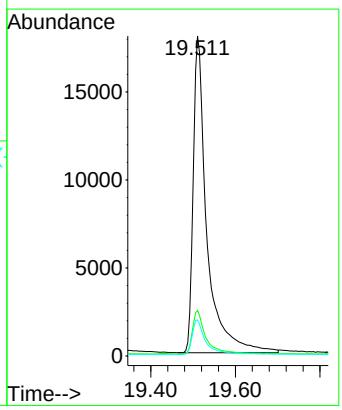


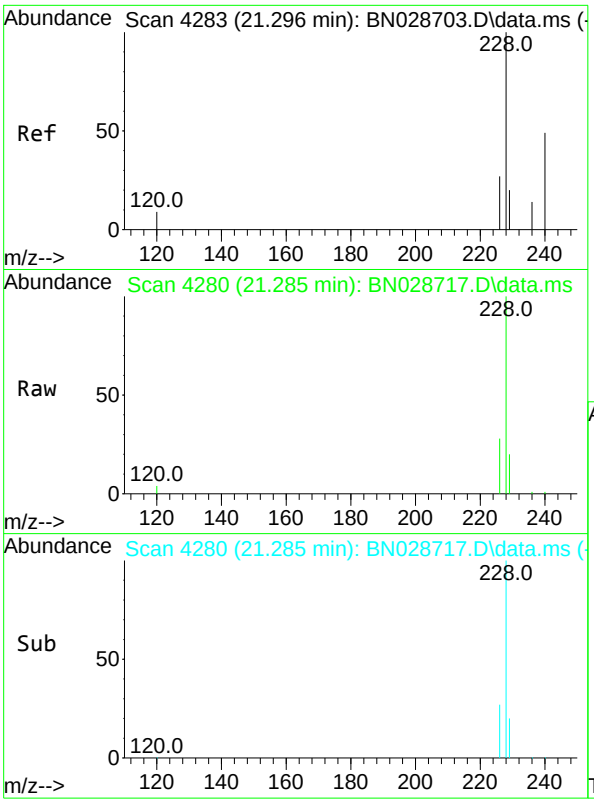


#20
Pyrene
Concen: 136.811 ng/ul
RT: 19.511 min Scan# 3799
Delta R.T. -0.002 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:202 Resp: 40404

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
100	11.2	8.2	12.2



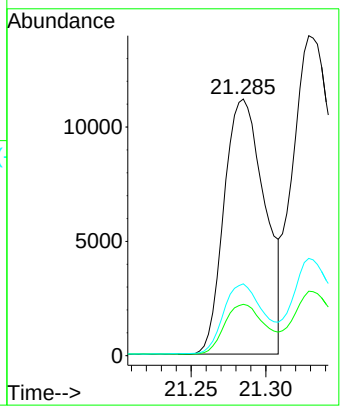


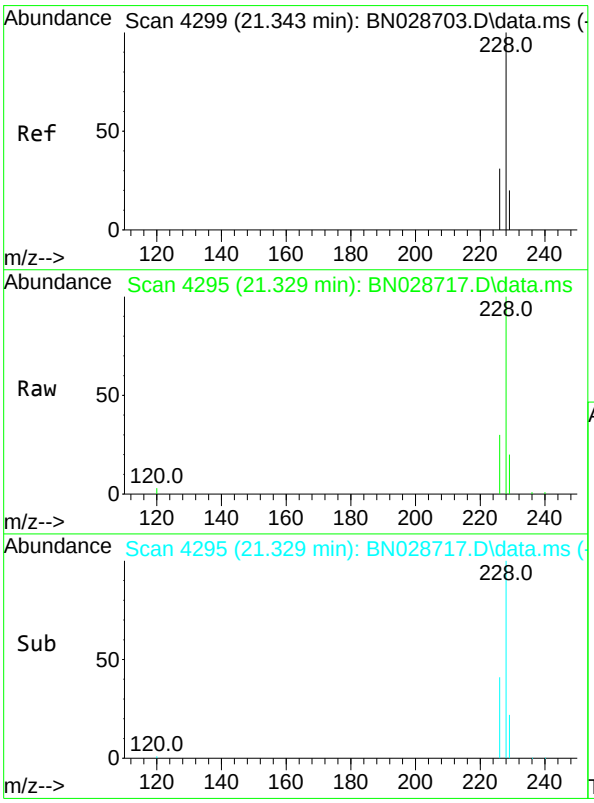
#21
Benzo(a)anthracene
Concen: 79.986 ng/ul
RT: 21.285 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:228 Resp: 21190

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.0	21.4	32.0

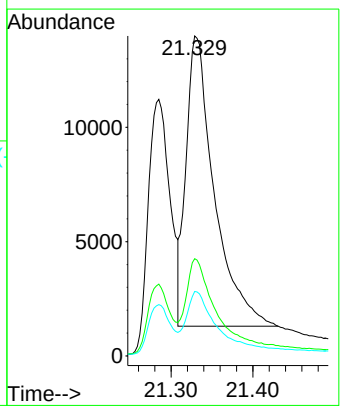


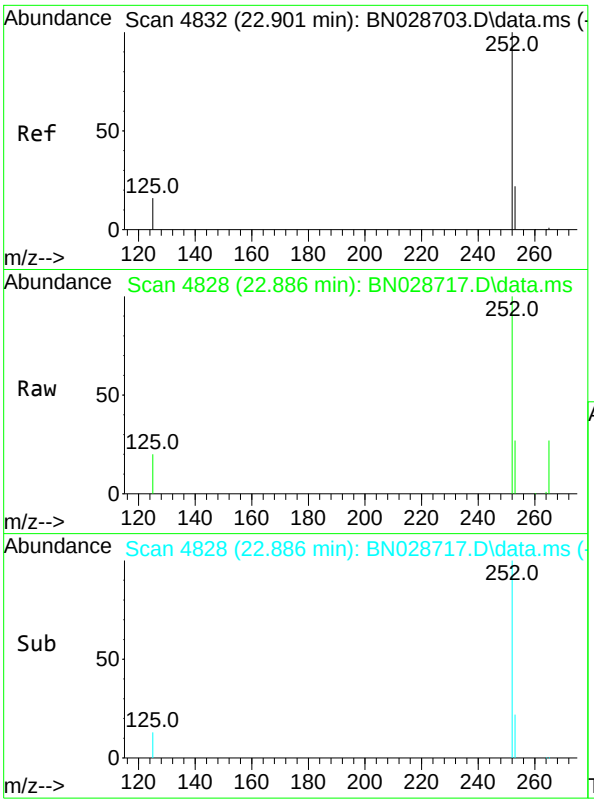


#22
Chrysene
Concen: 117.688 ng/ul
RT: 21.329 min Scan# 4295
Delta R.T. -0.005 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:228 Resp: 30481

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.1	15.4	23.2



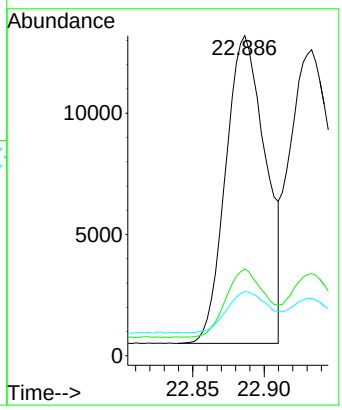


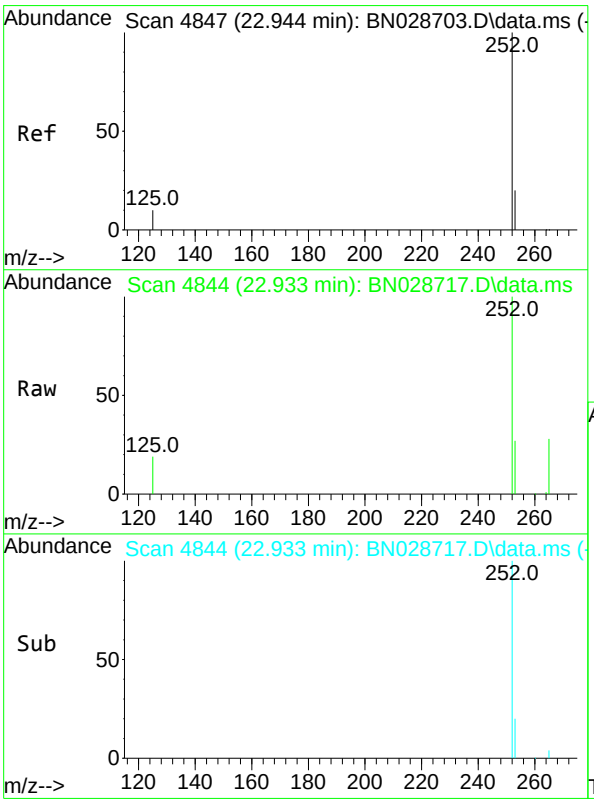
#24
Benzo(b)fluoranthene
Concen: 2196.037 ng/ul
RT: 22.886 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:252 Resp: 24729

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	46.6
125	20.0	0.0	27.6

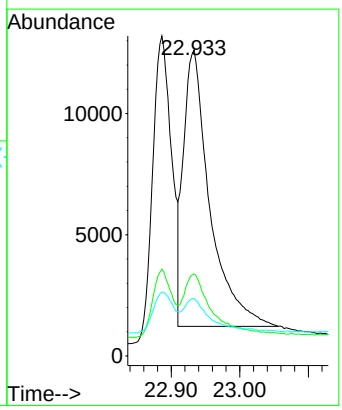


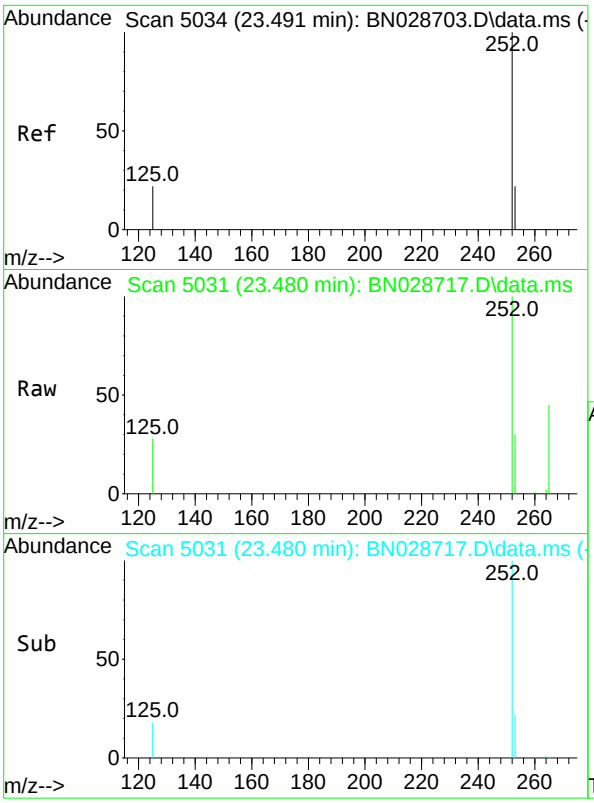


#25
Benzo(k)fluoranthene
Concen: 2570.015 ng/ul
RT: 22.933 min Scan# 4844
Delta R.T. 0.001 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:252 Resp: 30301

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.6	28.0
125	18.7	12.7	19.1



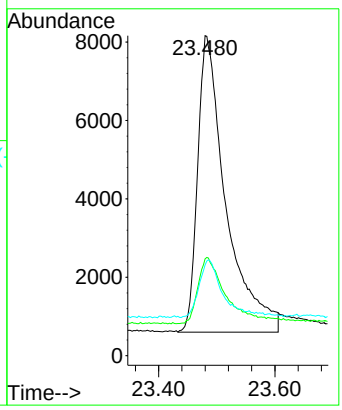


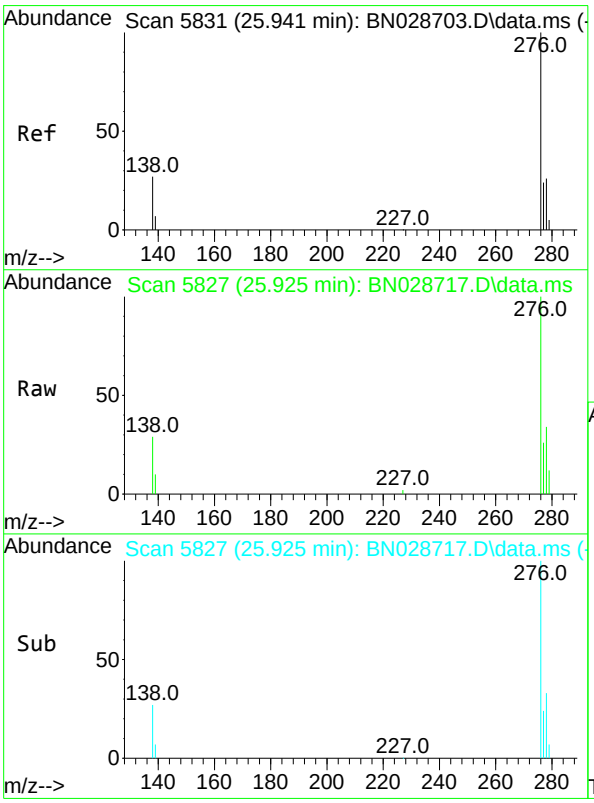
#26
Benzo(a)pyrene
Concen: 2404.049 ng/ul
RT: 23.480 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:252 Resp: 25552

Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.0	28.6#
125	28.4	13.2	19.8#

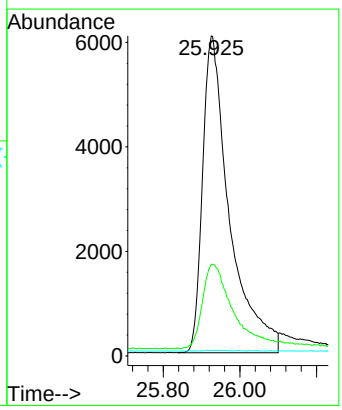


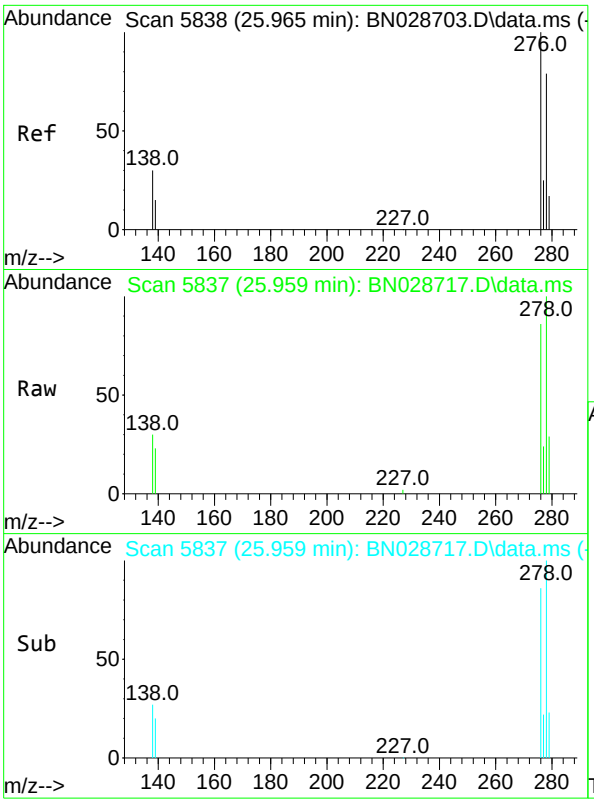


#27
Indeno(1,2,3-cd)pyrene
Concen: 2504.014 ng/ul
RT: 25.925 min Scan# 5827
Delta R.T. -0.005 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:276 Resp: 29536

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.8	35.6
227	0.1	0.1	0.1#



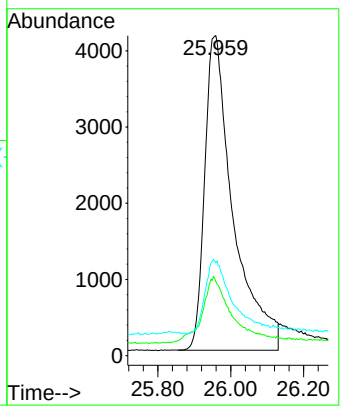


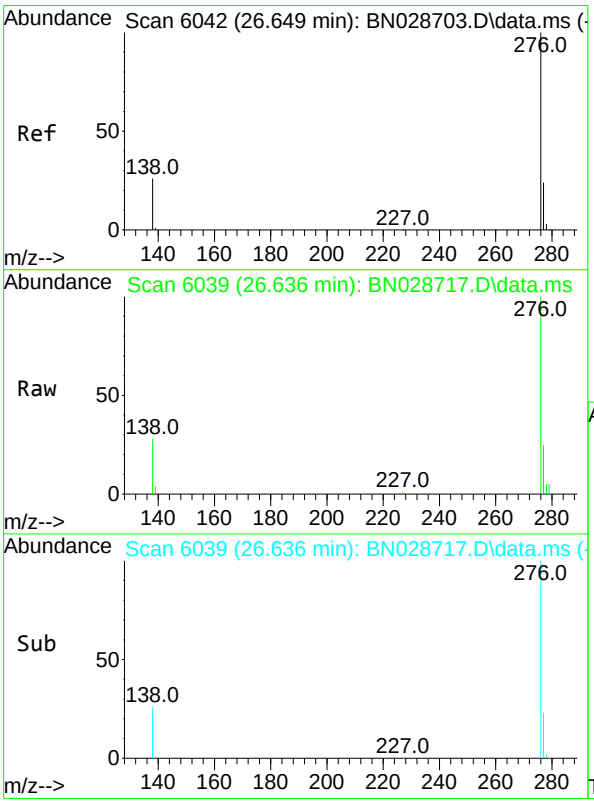
#28
Dibenzo(a,h)anthracene
Concen: 2382.302 ng/ul
RT: 25.959 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:278 Resp: 22458

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.2	27.4
279	29.0	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 2702.960 ng/ul
RT: 26.636 min Scan# 6039
Delta R.T. -0.005 min
Lab File: BN028717.D
Acq: 18 Nov 2023 00:54

Tgt Ion:276 Resp: 26136

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.5	30.7
277	24.7	19.4	29.0