Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
Data File : BN028523.D
Acq On : 09 Nov 2023 17:56
Operator : MA/JU
Sample : PB156740BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS740

Quant Time: Nov 09 23:44:33 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 : Thu Nov 09 16:30:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	7496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.496	136	23024	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	13514	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	30531	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	24681	0.400	ng/ul	0.00
23) Perylene-d12	23.624	264	23243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	8090	0.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	16894	0.487	ng/ul	0.00
18) Fluoranthene-d10	19.146	212	40143	0.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	19793	2.161	ng/ul#	80
5) Naphthalene	10.546	128	30789	0.477	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	19597	0.461	ng/ul	100
8) 1-Methylnaphthalene	12.388	142	20241	0.469	ng/ul	99
10) Acenaphthylene	14.072	152	29874	0.443	ng/ul	99
11) Acenaphthene	14.419	153	23245	0.468	ng/ul	99
12) Fluorene	15.404	166	26734	0.463	ng/ul	99
14) Pentachlorophenol	16.753	266	5201	0.710	ng/ul	99
15) Phenanthrene	17.145	178	44138	0.471	ng/ul	100
16) Anthracene	17.238	178	39105	0.455	ng/ul	100
19) Fluoranthene	19.174	202	51514	0.491	ng/ul	98
20) Pyrene	19.536	202	52878	0.486	ng/ul	98
21) Benzo(a)anthracene	21.303	228	45902	0.470	ng/ul	99
22) Chrysene	21.356	228	47099	0.494	ng/ul	99
24) Benzo(b)fluoranthene	22.925	252	45373	0.520	ng/ul	99
25) Benzo(k)fluoranthene	22.972	252	45713	0.500	ng/ul	99
26) Benzo(a)pyrene	23.525	252	37994	0.461	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.990	276	44398	0.486	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.017	278	35233	0.482	ng/ul	99
29) Benzo(g,h,i)perylene	26.714	276	36721	0.490	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
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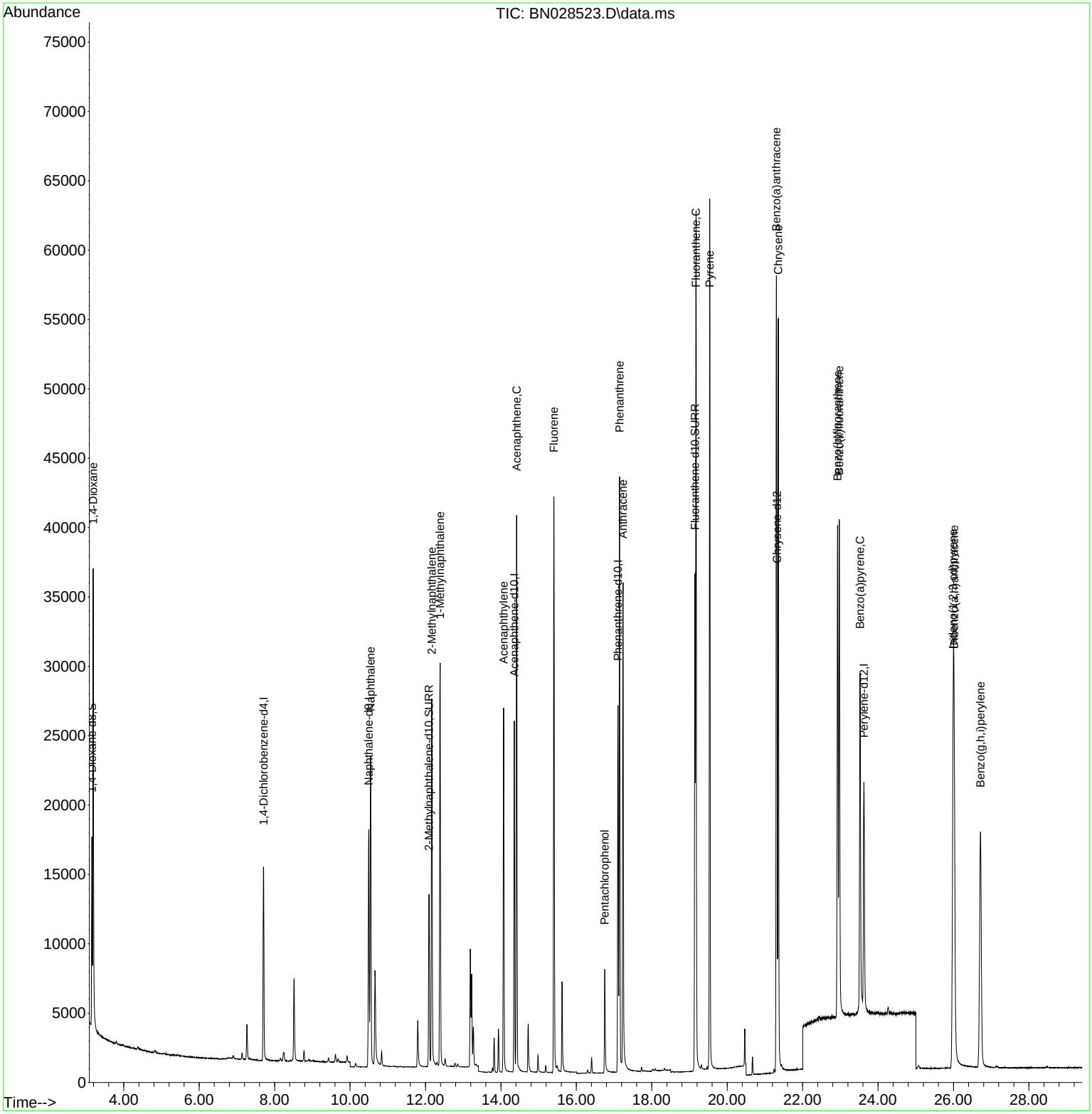
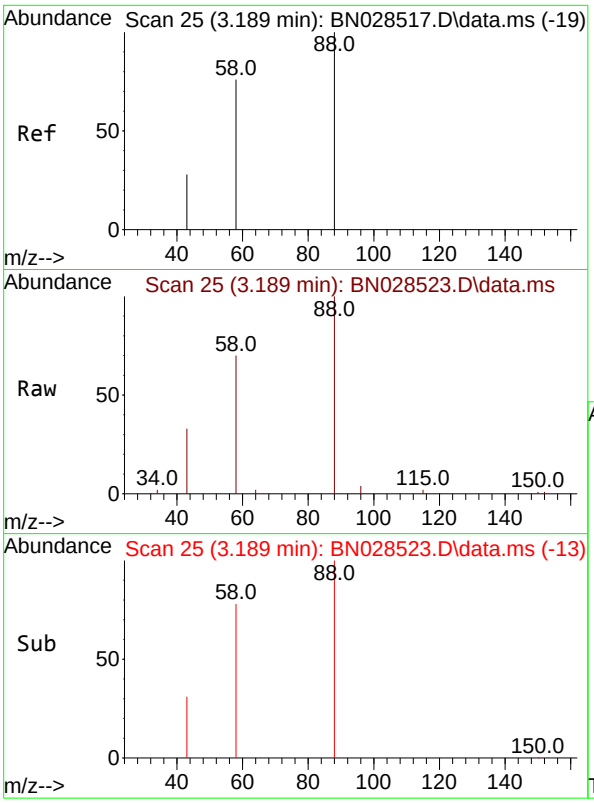


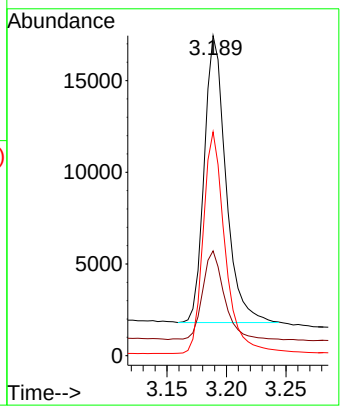


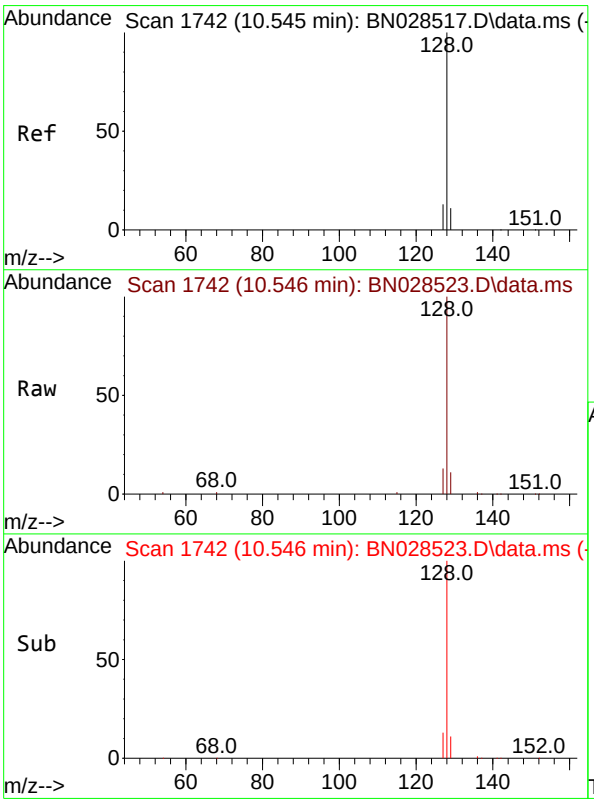
#2
1,4-Dioxane
Concen: 2.161 ng/ul
RT: 3.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion: 88 Resp: 19793

Ion	Ratio	Lower	Upper
88	100		
43	32.7	32.9	49.3#
58	70.0	41.8	62.8#

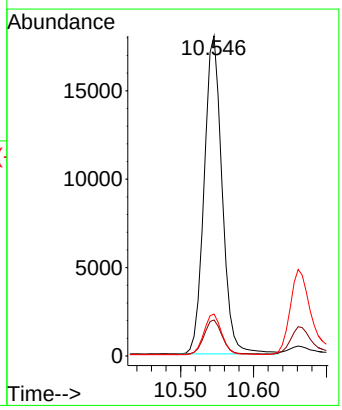


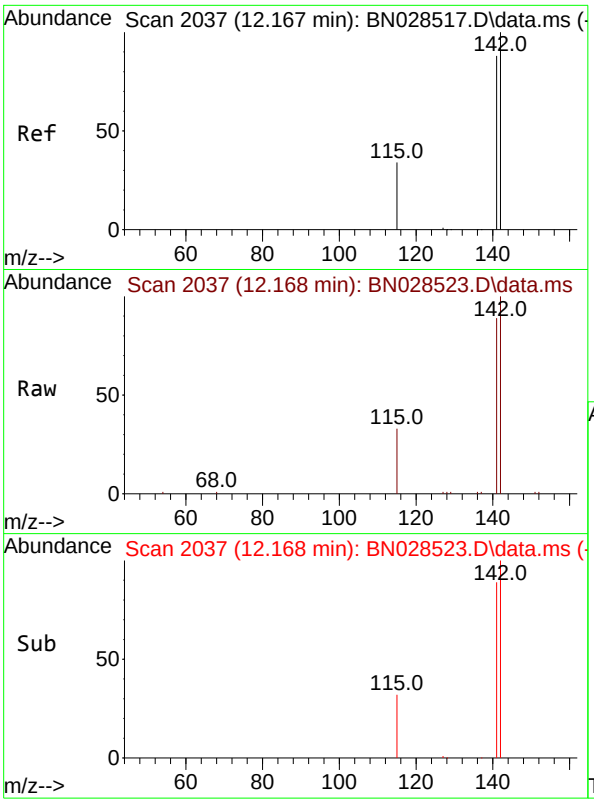


#5
Naphthalene
Concen: 0.477 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:128 Resp: 30789

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	10.7	16.1



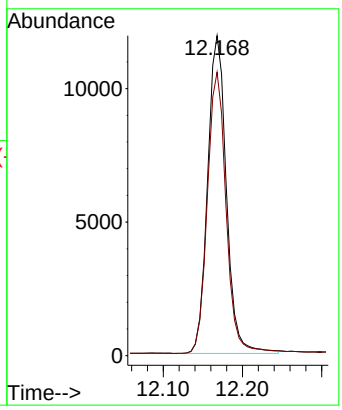


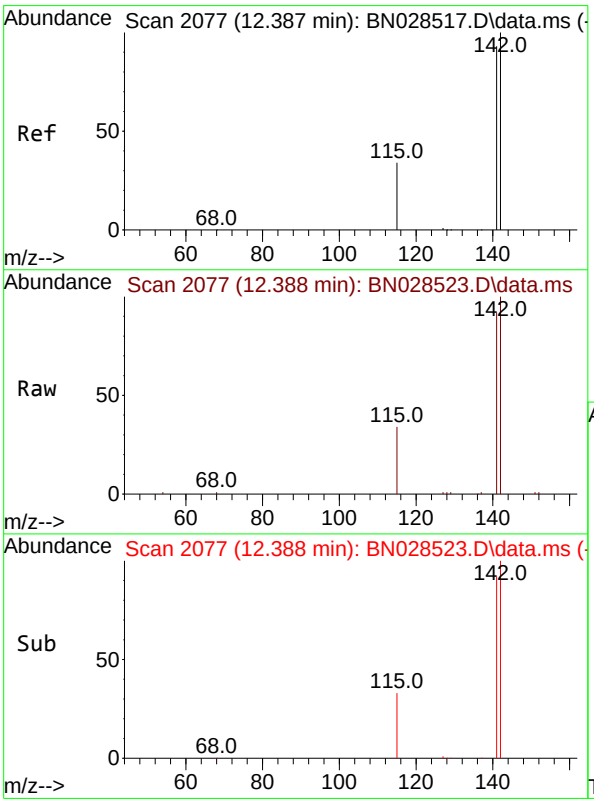
#7
2-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.168 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:142 Resp: 19597

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2

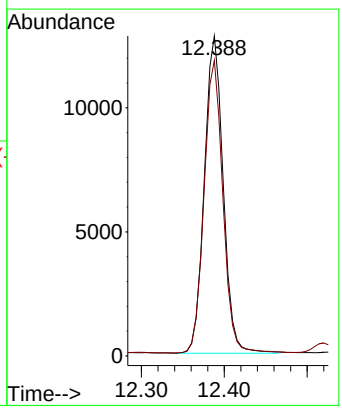


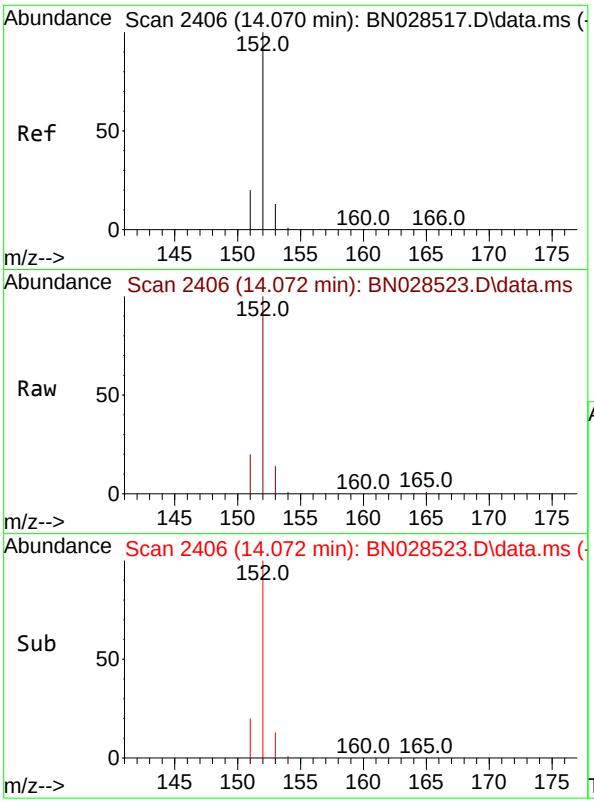


#8
1-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:142 Resp: 20241

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1



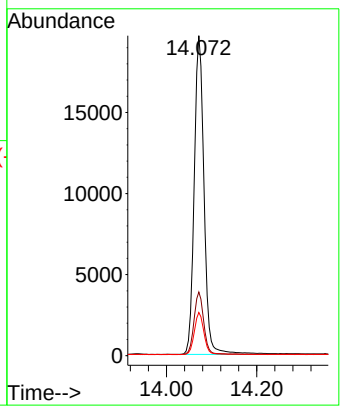


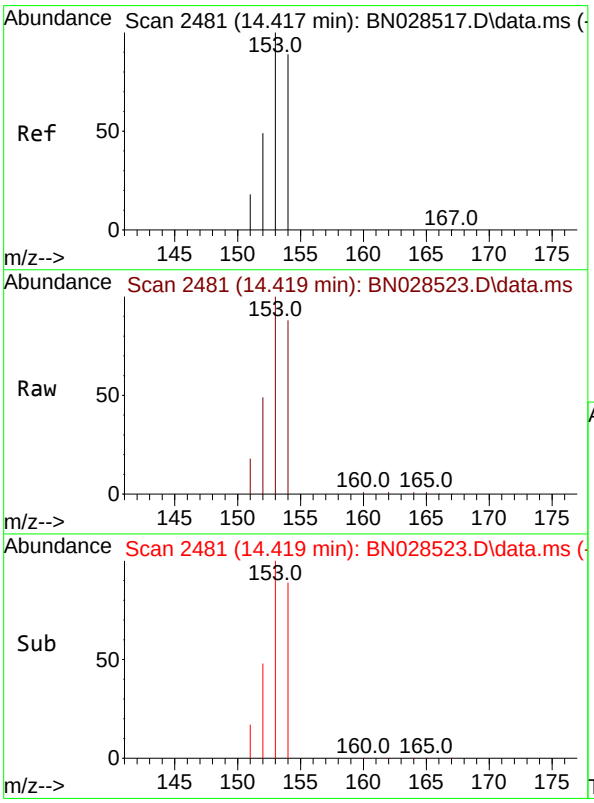
#10
Acenaphthylene
Concen: 0.443 ng/ul
RT: 14.072 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:152 Resp: 29874

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.5	10.6	15.8

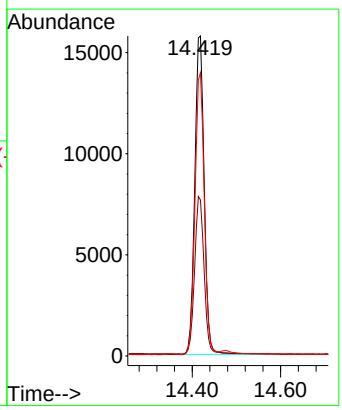


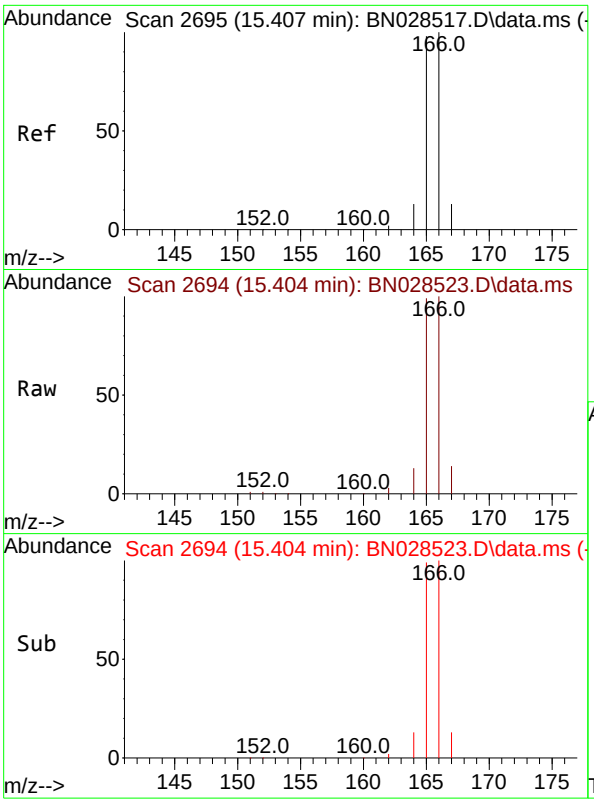


#11
Acenaphthene
Concen: 0.468 ng/ul
RT: 14.419 min Scan# 2481
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:153 Resp: 23245

Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.6	59.4
154	88.5	71.0	106.6



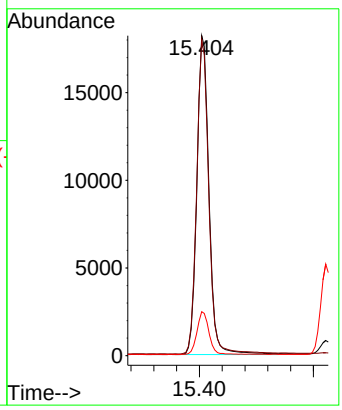


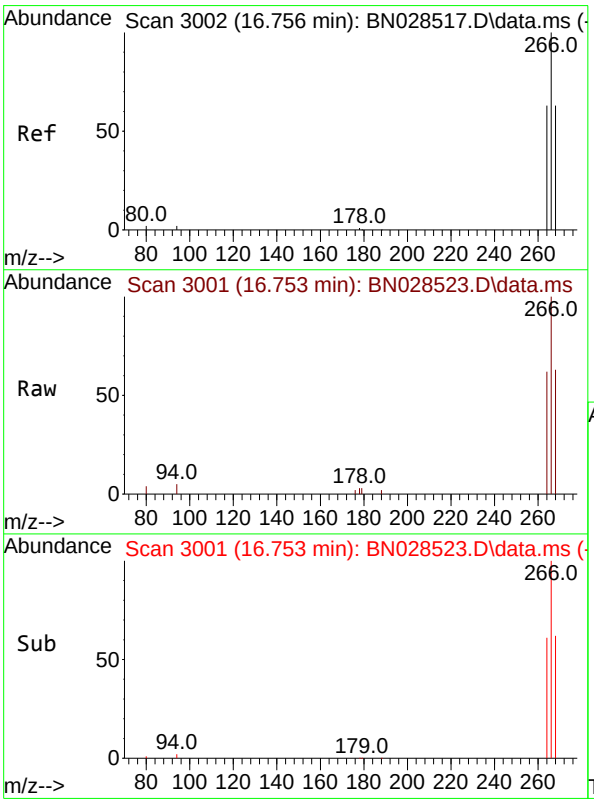
#12
Fluorene
Concen: 0.463 ng/ul
RT: 15.404 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:166 Resp: 26734

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	13.8	11.0	16.6

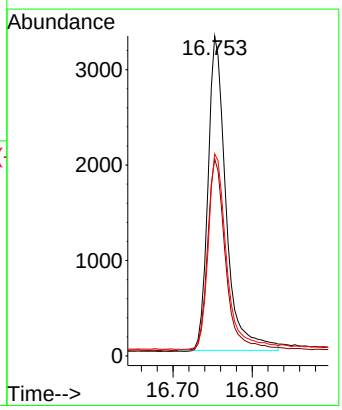


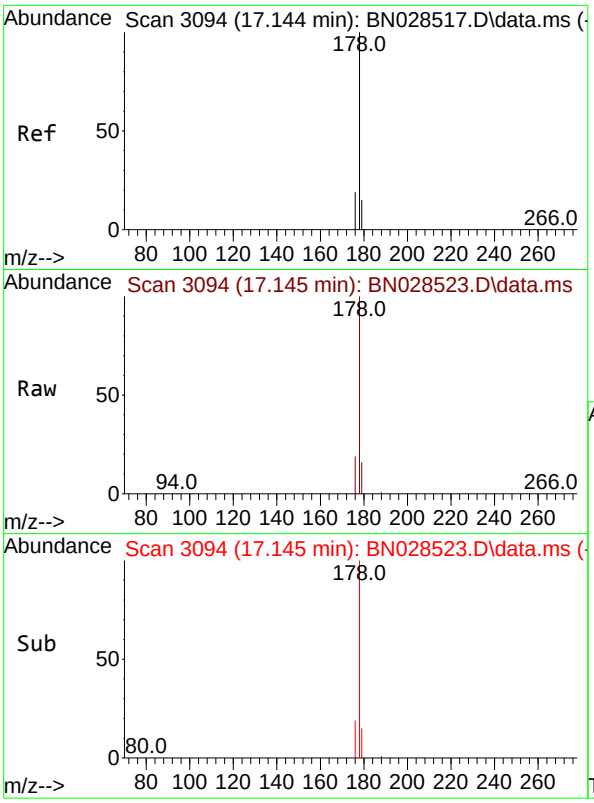


#14
Pentachlorophenol
Concen: 0.710 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:266 Resp: 5201

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	63.9	50.6	75.8



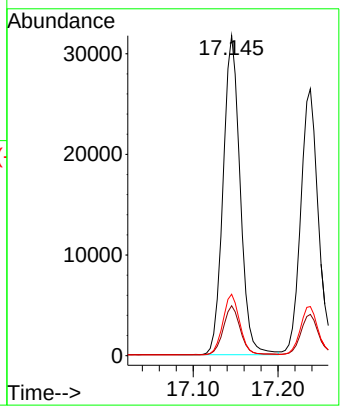


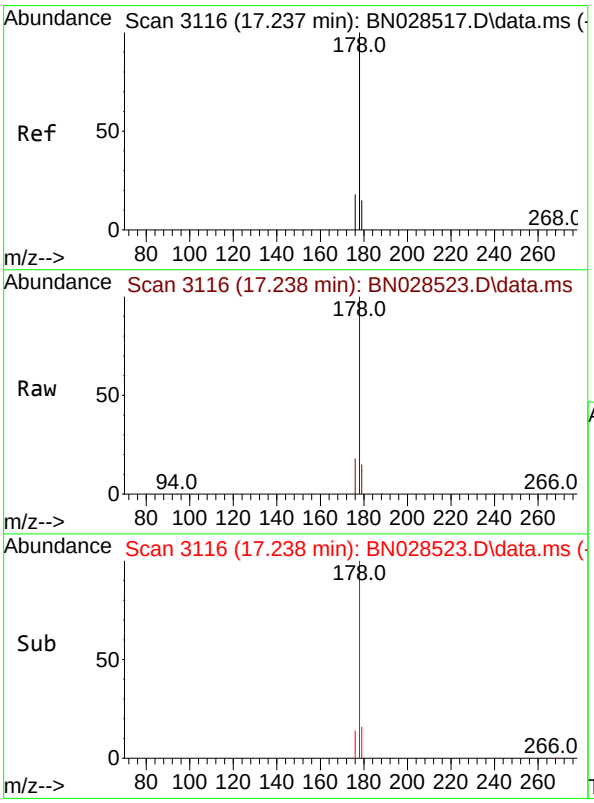
#15
Phenanthrene
Concen: 0.471 ng/ul
RT: 17.145 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:178 Resp: 44138

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.2	15.4	23.2

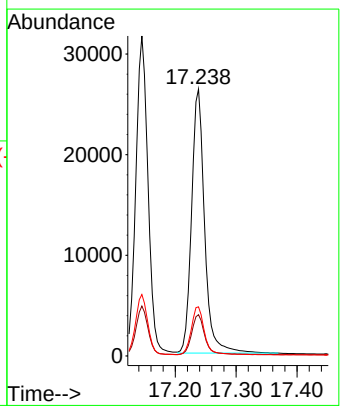


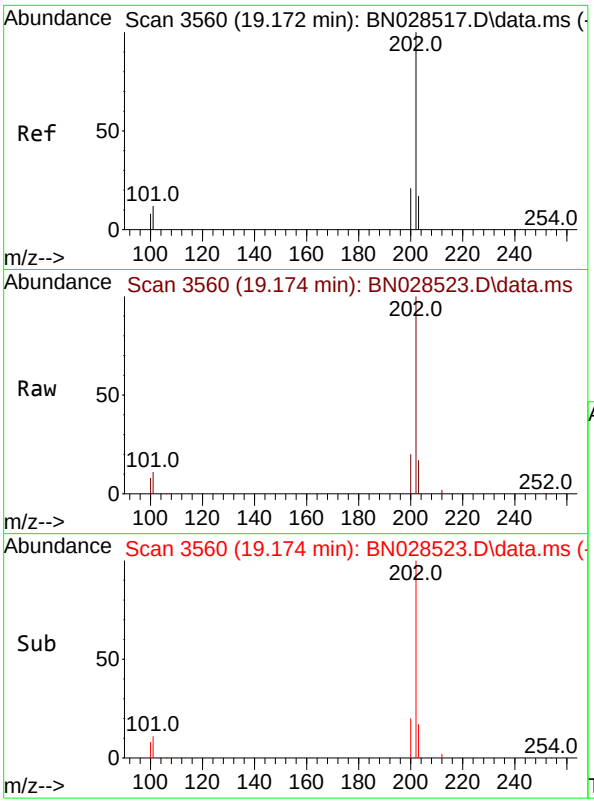


#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.238 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:178 Resp: 39105

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.4	14.9	22.3



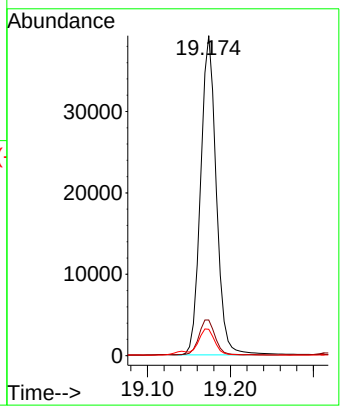


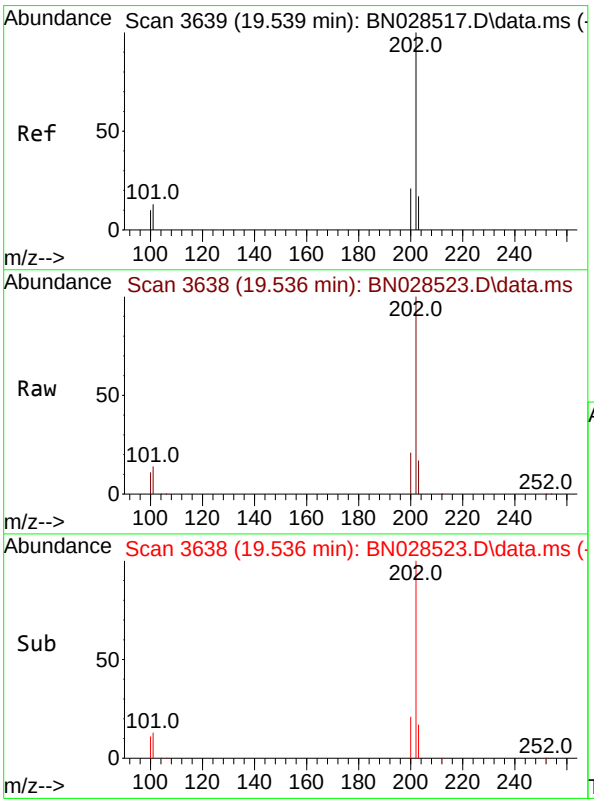
#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.174 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:202 Resp: 51514

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.5	14.3
100	8.3	7.2	10.8

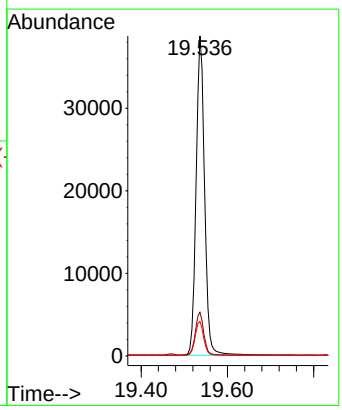


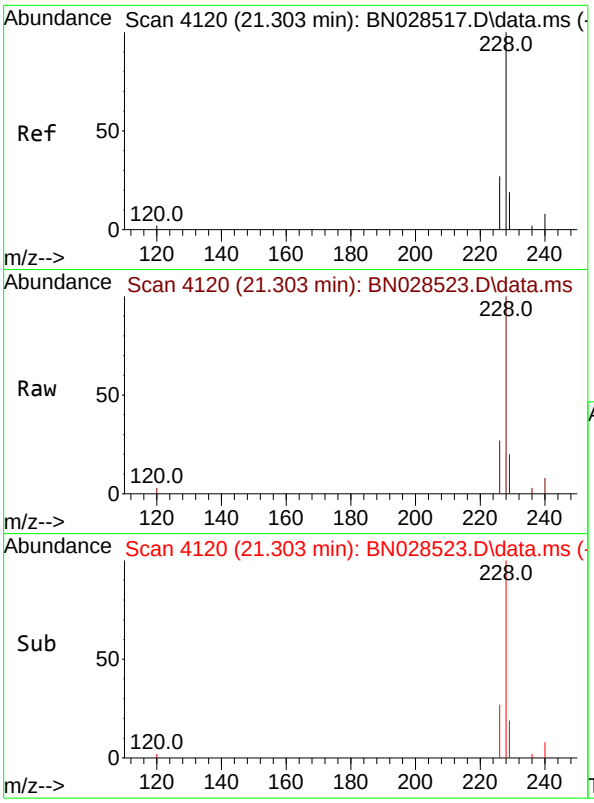


#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:202 Resp: 52878

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	10.7	8.2	12.2



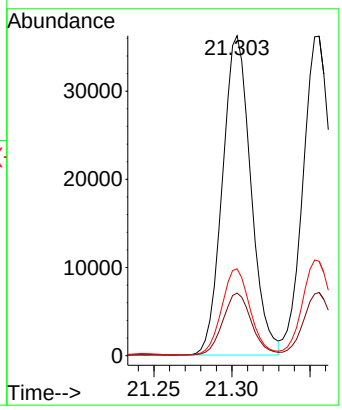


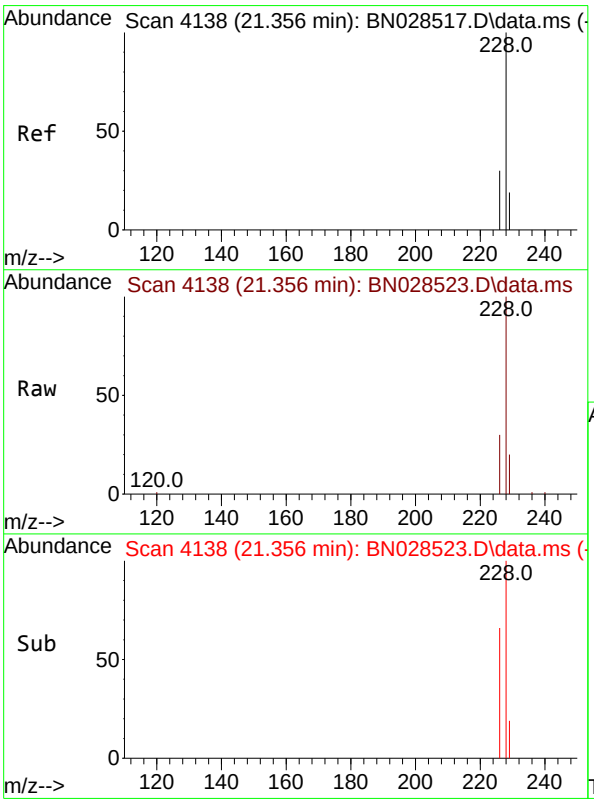
#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.303 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:228 Resp: 45902

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.2	21.4	32.0

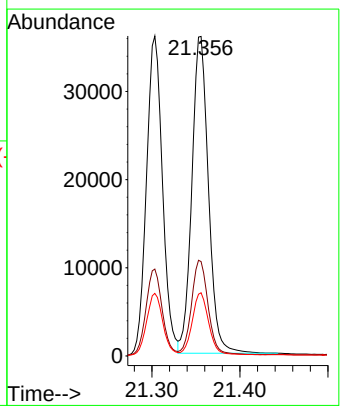


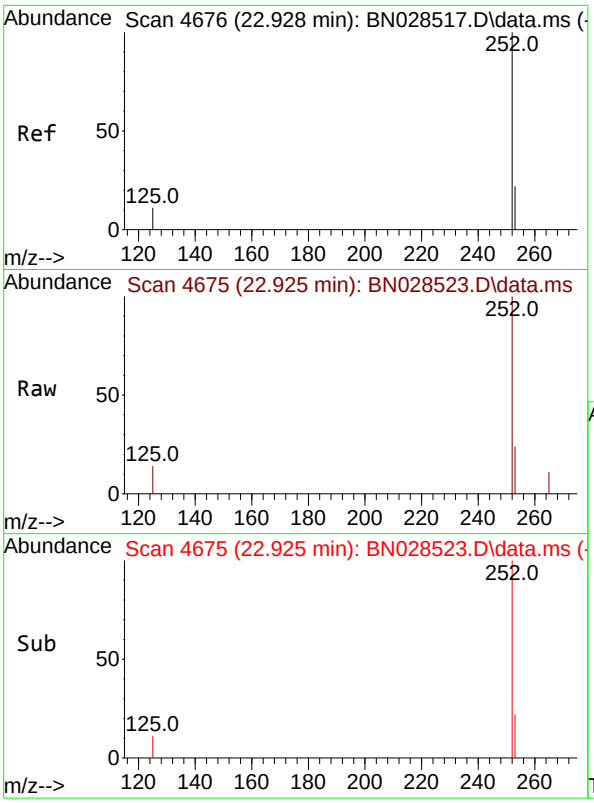


#22
Chrysene
Concen: 0.494 ng/ul
RT: 21.356 min Scan# 4138
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:228 Resp: 47099

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.8	15.4	23.2



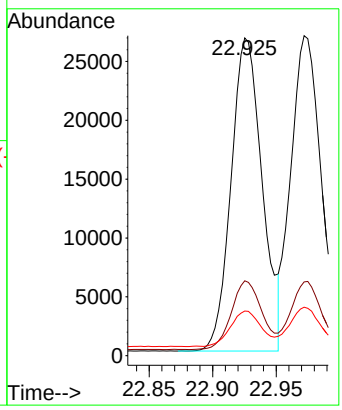


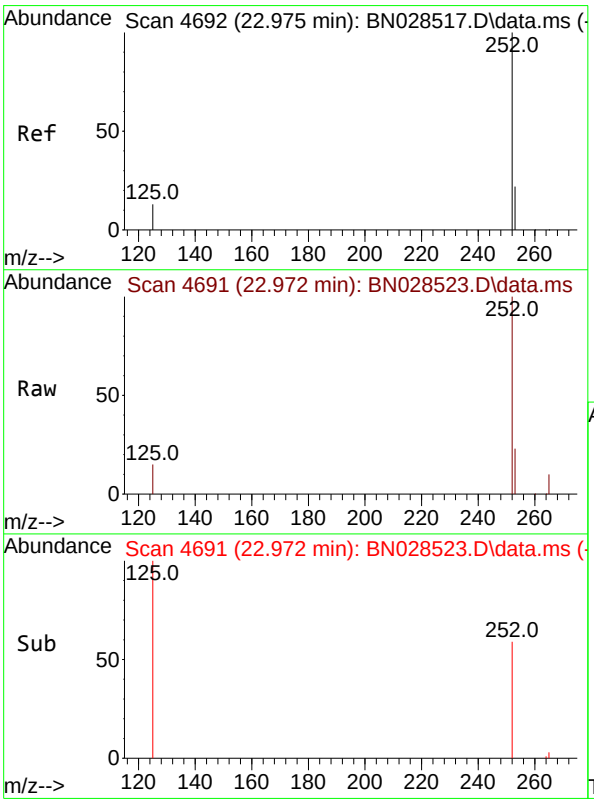
#24
Benzo(b)fluoranthene
Concen: 0.520 ng/ul
RT: 22.925 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:252 Resp: 45373

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	46.6
125	14.1	0.0	27.6

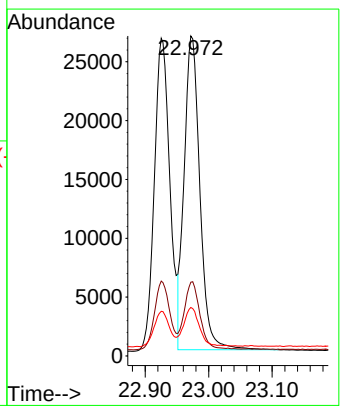


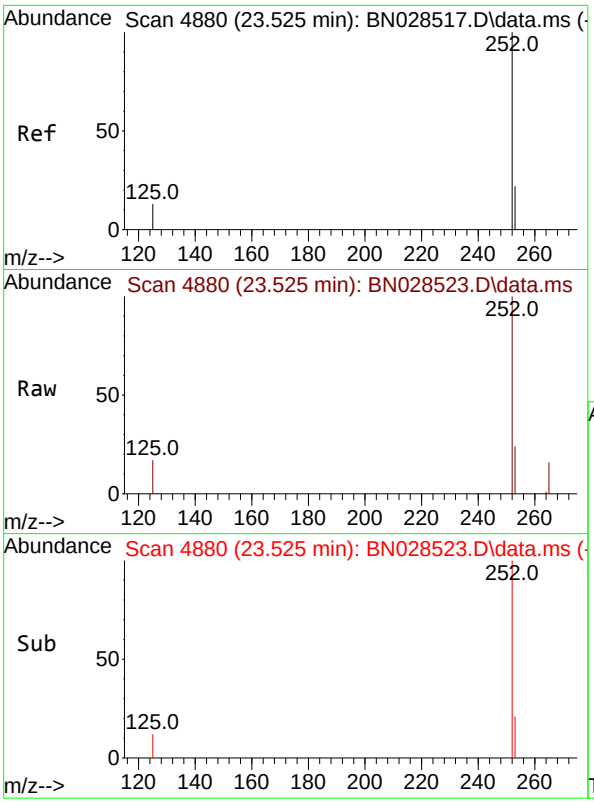


#25
Benzo(k)fluoranthene
Concen: 0.500 ng/ul
RT: 22.972 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:252 Resp: 45713

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	15.1	12.7	19.1



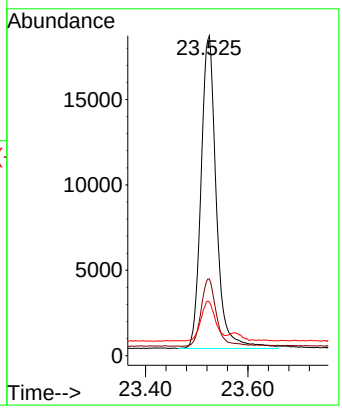


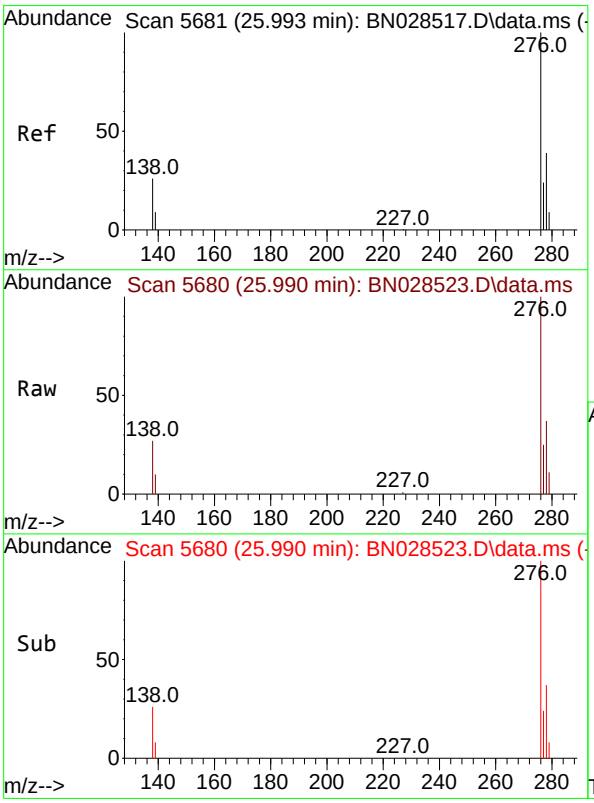
#26
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.525 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:252 Resp: 37994

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	16.8	13.2	19.8

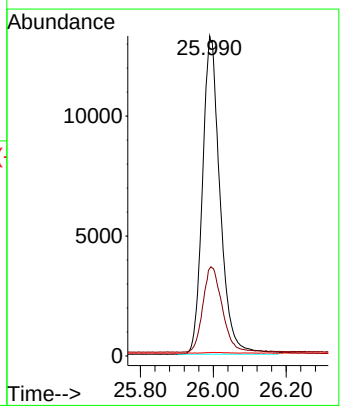


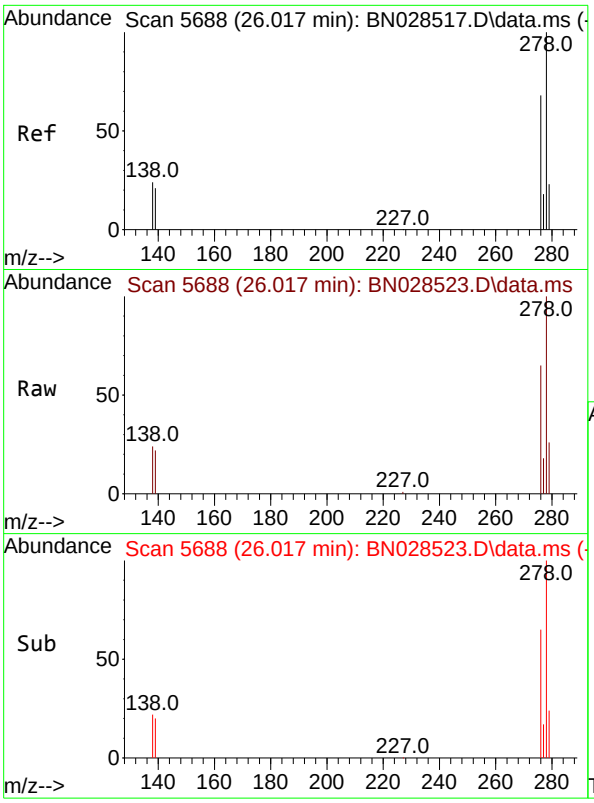


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng/ul
RT: 25.990 min Scan# 5680
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:276 Resp: 44398

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.8	35.6
227	0.2	0.1	0.1#



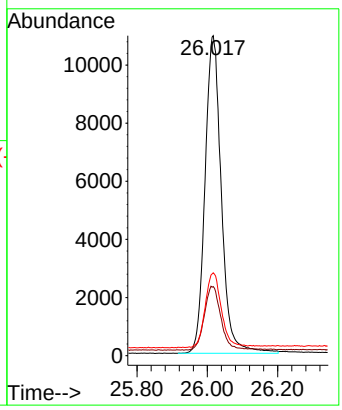


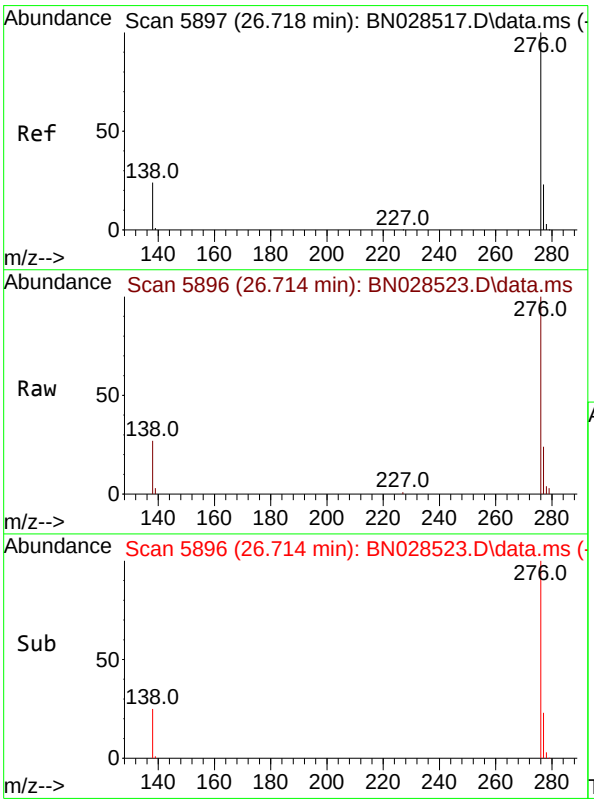
#28
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 26.017 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:278 Resp: 35233

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.2	27.4
279	25.9	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 26.714 min Scan# 5896
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:276 Resp: 36721

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.5	30.7
277	23.9	19.4	29.0