Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
Data File : BN018648.D
Acq On : 18 Feb 2022 10:01
Operator : CG/JU
Sample : SSTD0.143
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Quant Time: Feb 18 13:00:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 12:39:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.917	152	6412	0.400	ng/ul		0.00
4) Naphthalene-d8	10.725	136	15490	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.551	164	7509	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.291	188	13692	0.400	ng/ul		0.00
17) Chrysene-d12	21.472	240	13257	0.400	ng/ul	#	0.00
23) Perylene-d12	23.872	264	13155	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96	836	0.114	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.314	152	2108	0.100	ng/ul		0.00
18) Fluoranthene-d10	19.316	212	3752	0.099	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	1092	0.137	ng/ul	#	67
5) Naphthalene	10.774	128	4539	0.105	ng/ul		97
7) 2-Methylnaphthalene	12.385	142	2807	0.102	ng/ul		98
8) 1-Methylnaphthalene	12.600	142	2834	0.100	ng/ul		99
10) Acenaphthylene	14.269	152	3481	0.117	ng/ul		97
11) Acenaphthene	14.611	153	2809	0.107	ng/ul		99
12) Fluorene	15.597	166	2969	0.105	ng/ul		99
14) Pentachlorophenol	16.941	266	254	0.100	ng/ul		95
15) Phenanthrene	17.329	178	4775	0.107	ng/ul		96
16) Anthracene	17.422	178	4169	0.116	ng/ul		96
19) Fluoranthene	19.348	202	5404	0.103	ng/ul	#	94
20) Pyrene	19.706	202	5731	0.106	ng/ul	#	91
21) Benzo(a)anthracene	21.455	228	5603	0.133	ng/ul		97
22) Chrysene	21.507	228	5946	0.115	ng/ul		96
24) Benzo(b)fluoranthene	23.141	252	6567	0.114	ng/ul	#	70
25) Benzo(k)fluoranthene	23.185	252	6419	0.106	ng/ul	#	76
26) Benzo(a)pyrene	23.767	252	5532	0.119	ng/ul	#	58
27) Indeno(1,2,3-cd)pyrene	26.362	276	6952	0.113	ng/ul	#	82
28) Dibenzo(a,h)anthracene	26.382	278	5459	0.113	ng/ul	#	75
29) Benzo(g,h,i)perylene	27.123	276	6111	0.111	ng/ul	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
Data File : BN018648.D
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Sample : SSTD0.143
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Quant Time: Feb 18 13:00:17 2022
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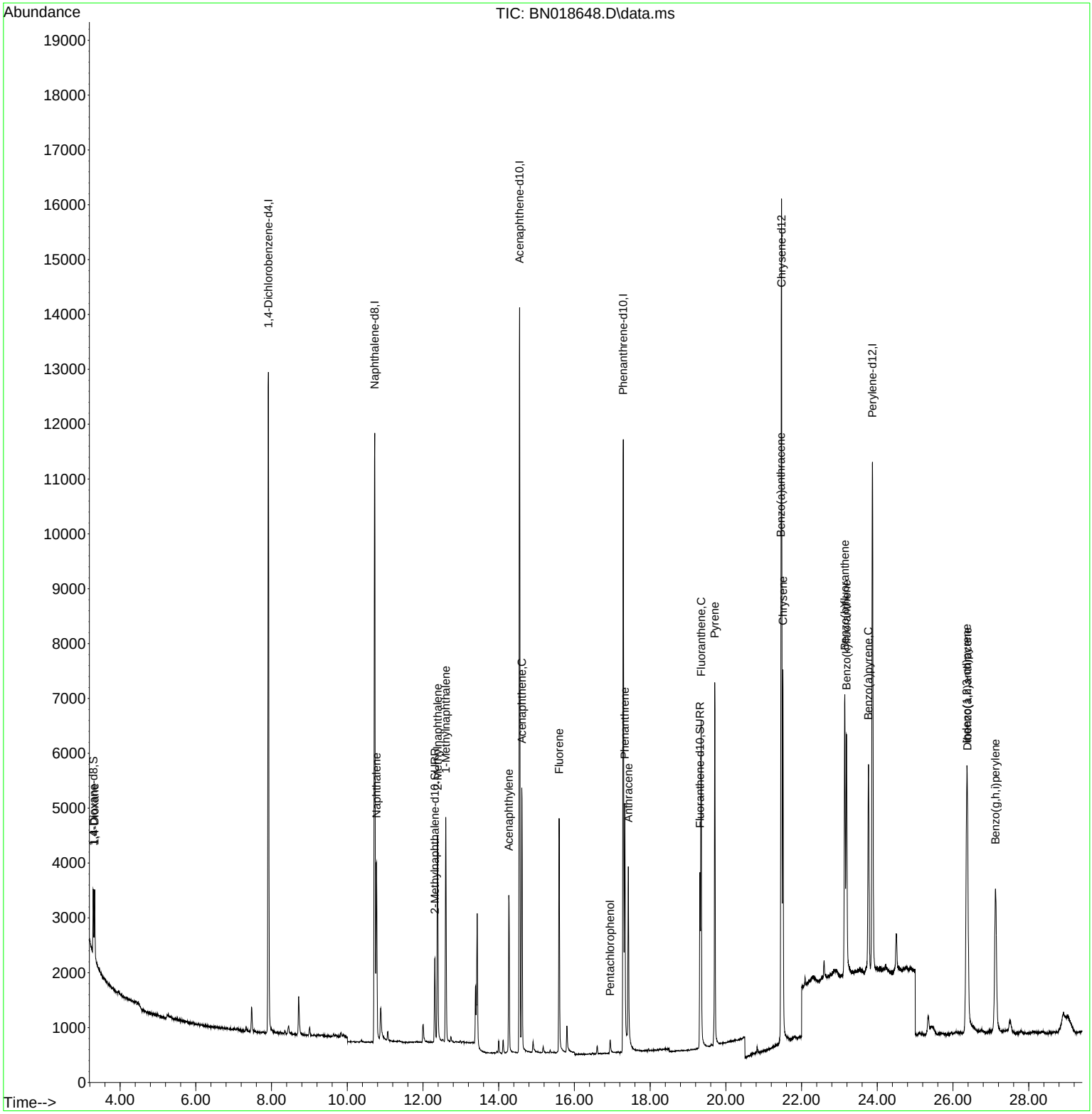
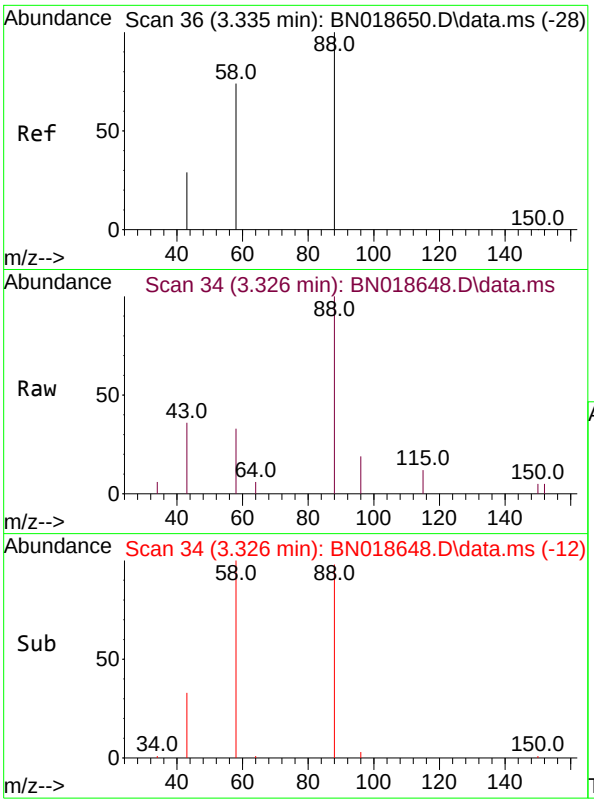
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 12:39:26 2022
Response via : Initial Calibration



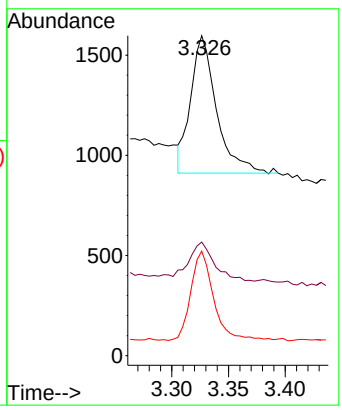


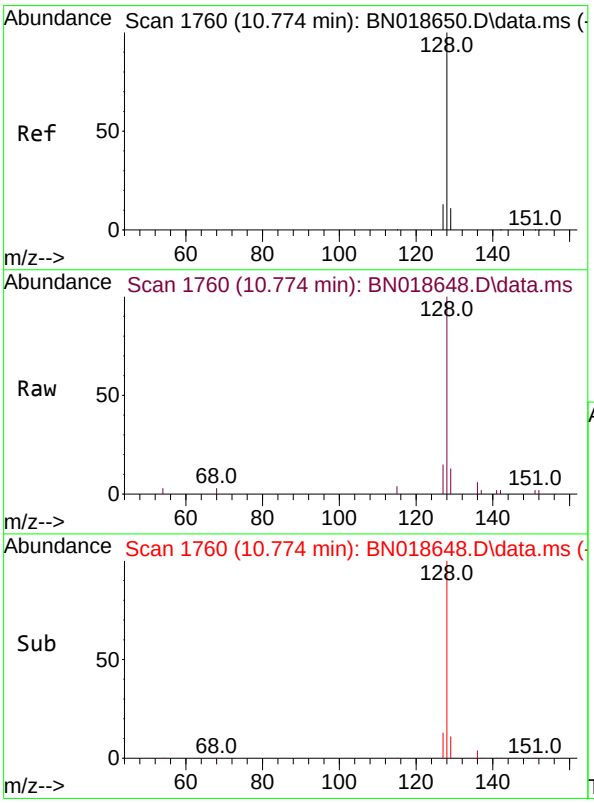
#2
1,4-Dioxane
Concen: 0.137 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion: 88 Resp: 1092

Ion	Ratio	Lower	Upper
88	100		
43	35.5	47.8	71.8#
58	32.7	46.2	69.2#

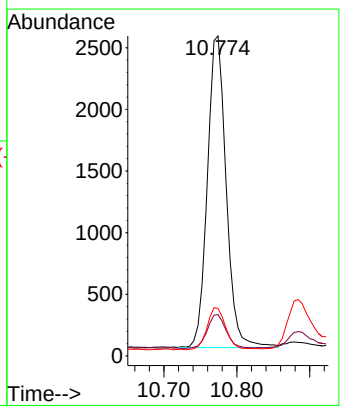


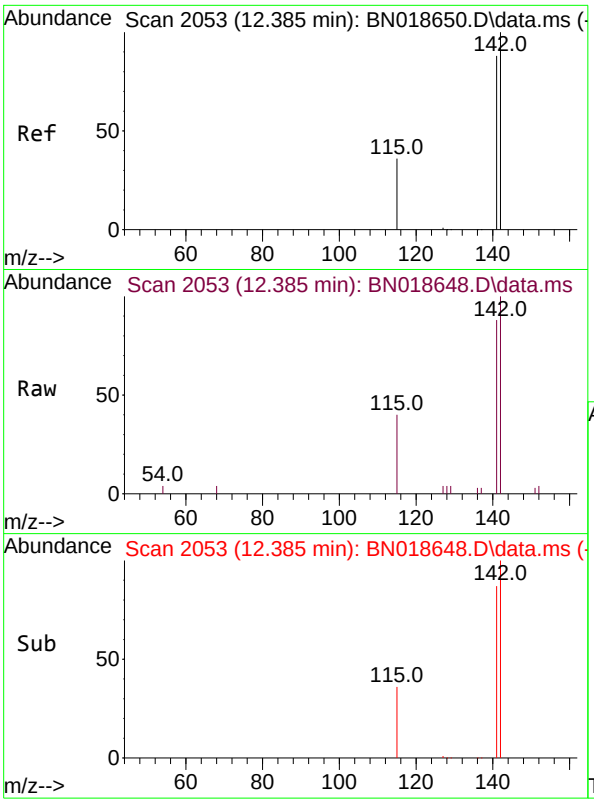


#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:128 Resp: 4539

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	14.9	11.0	16.6



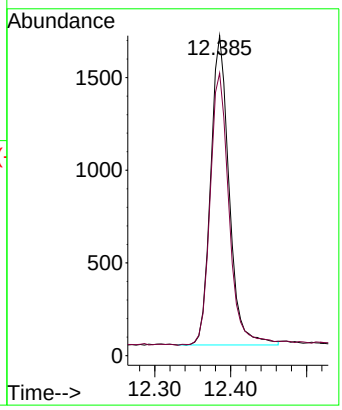


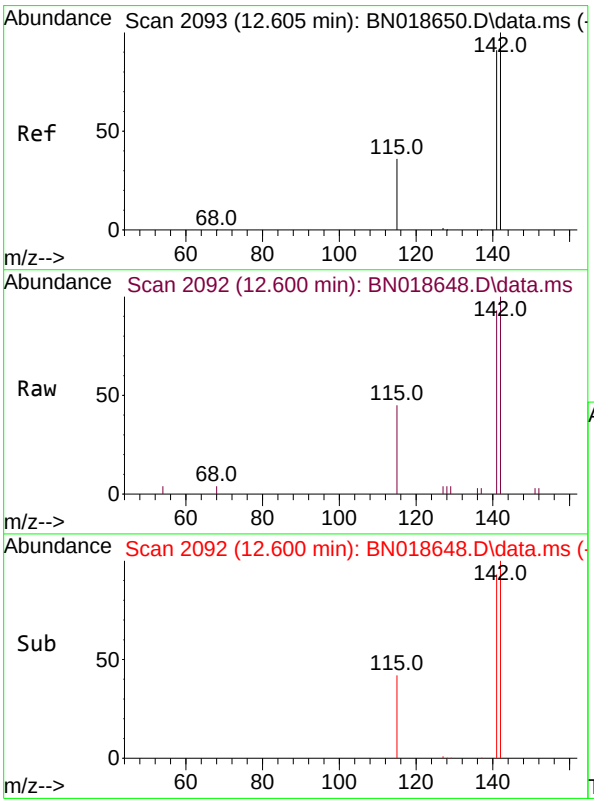
#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.385 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:142 Resp: 2807

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3

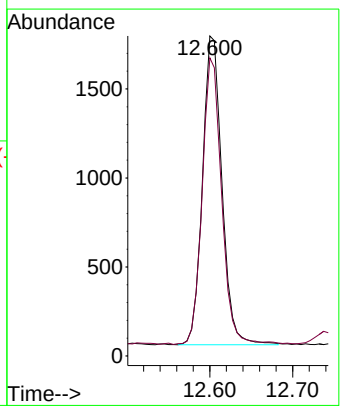


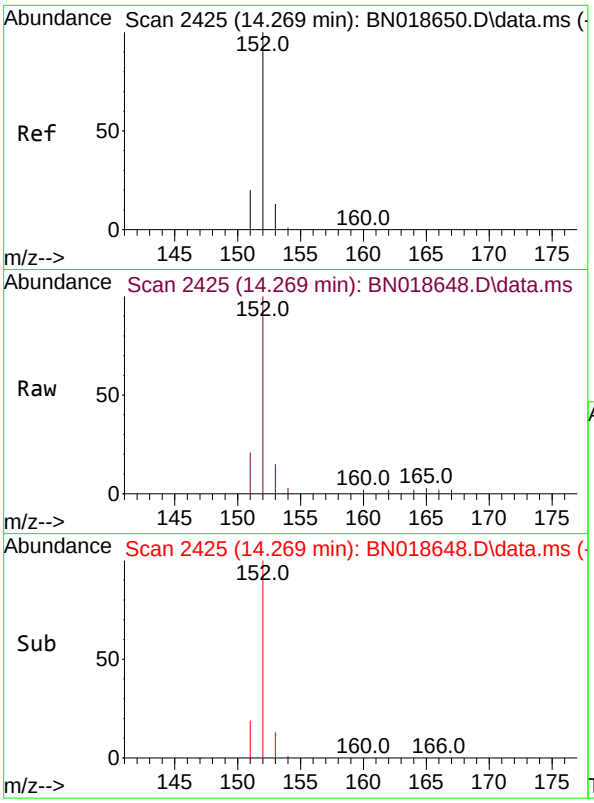


#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.600 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:142 Resp: 2834

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8



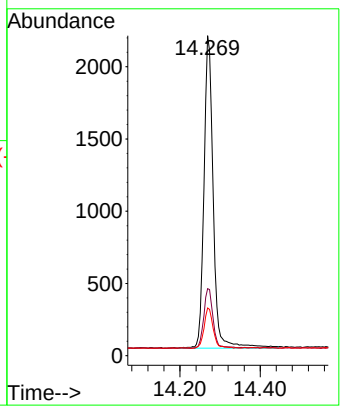


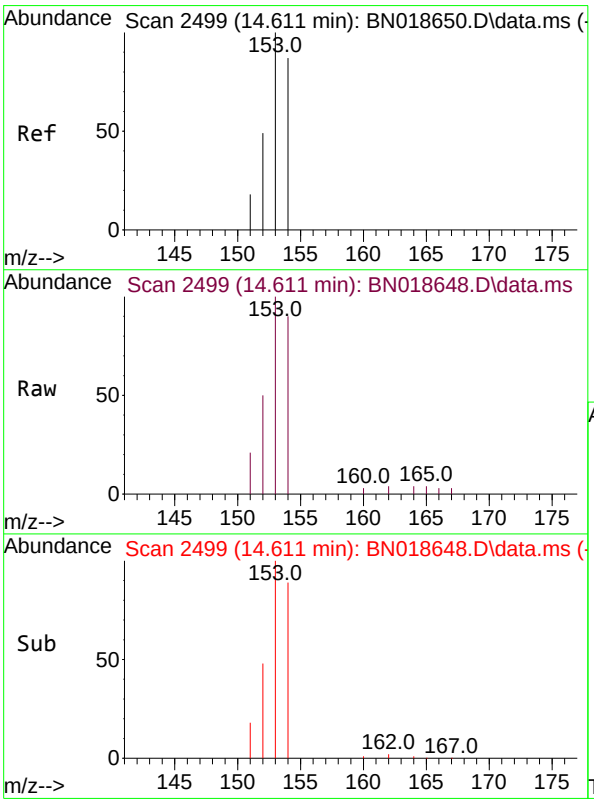
#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 14.269 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:152 Resp: 3481

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.9	10.7	16.1

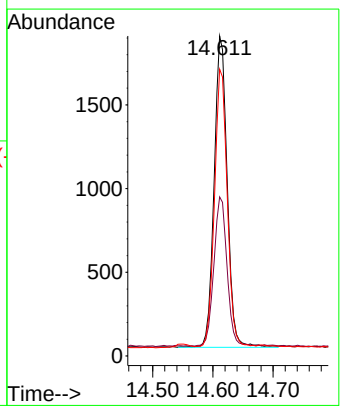


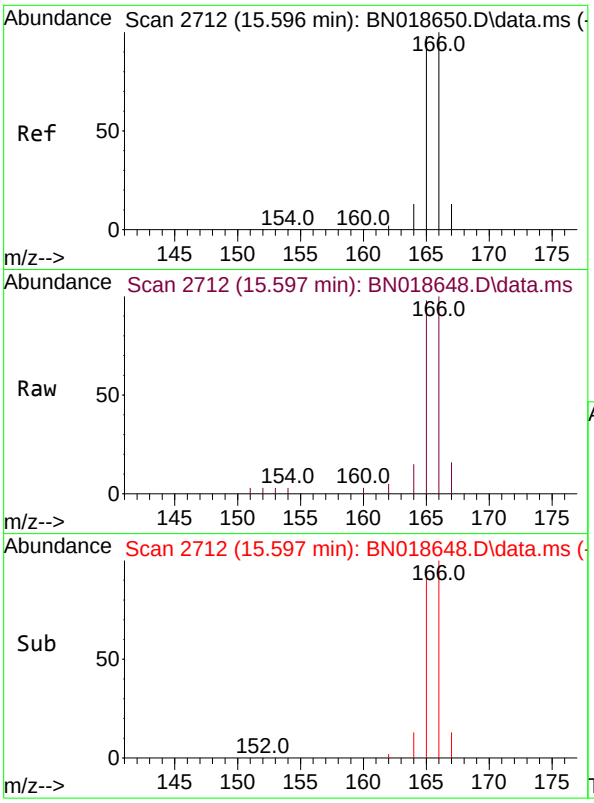


#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:153 Resp: 2809

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.7	59.5
154	89.6	70.9	106.3



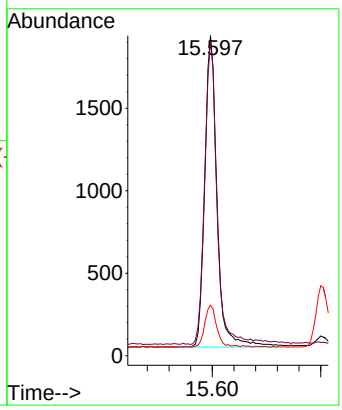


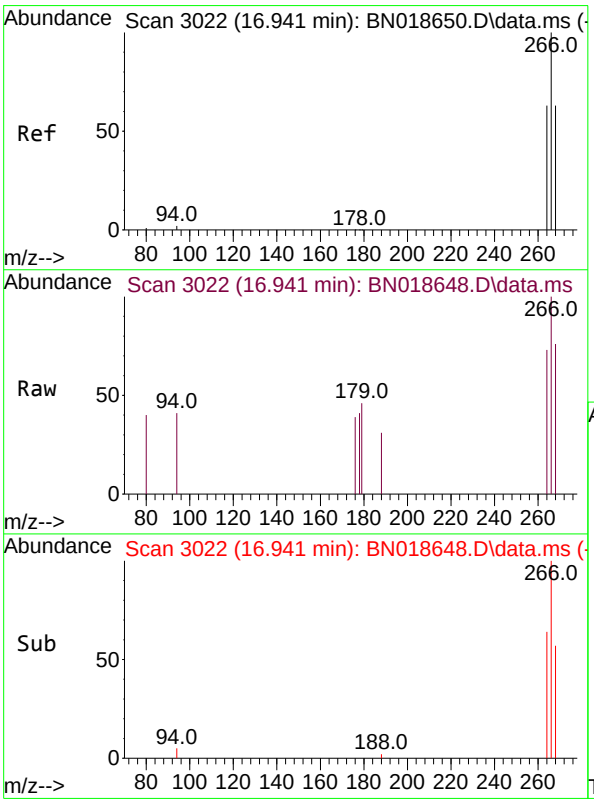
#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.597 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:166 Resp: 2969

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	15.8	11.6	17.4

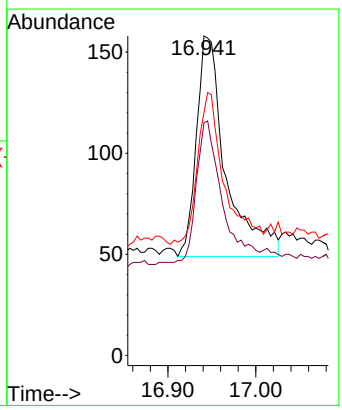


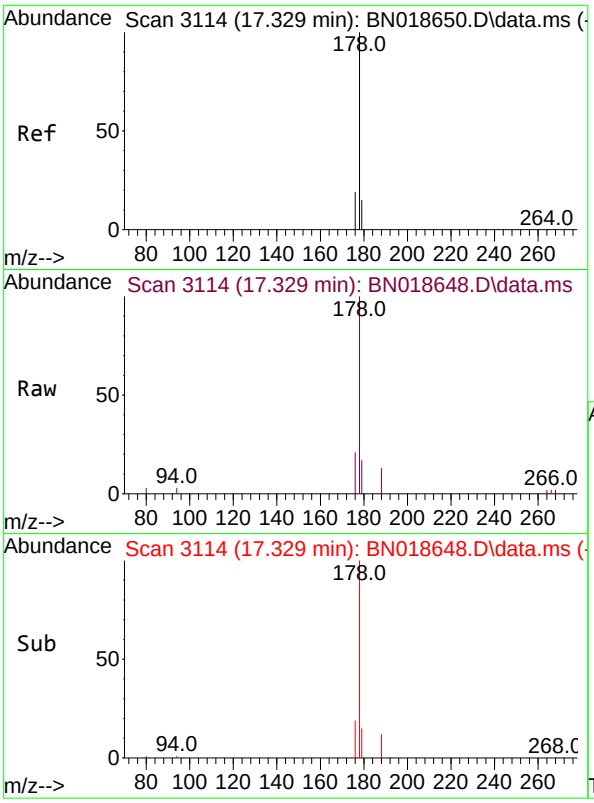


#14
Pentachlorophenol
Concen: 0.100 ng/ul
RT: 16.941 min Scan# 3022
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	57.9	49.9	74.9
268	61.8	51.7	77.5



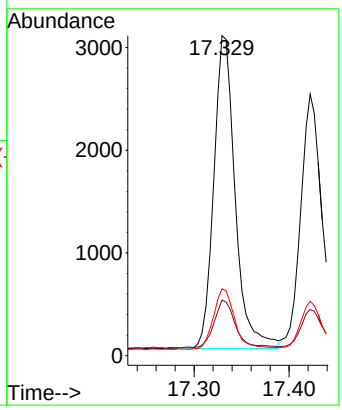


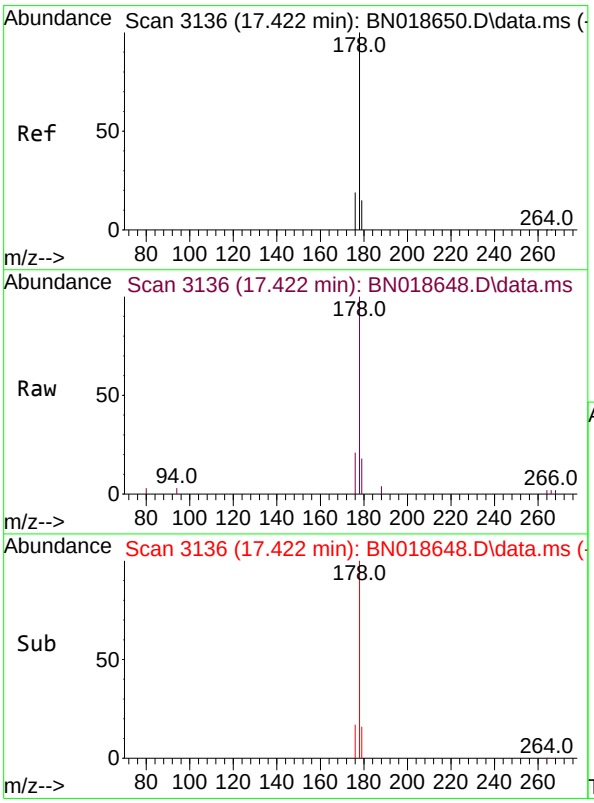
#15
Phenanthrene
Concen: 0.107 ng/ul
RT: 17.329 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:178 Resp: 4775

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.4
176	20.9	15.4	23.2

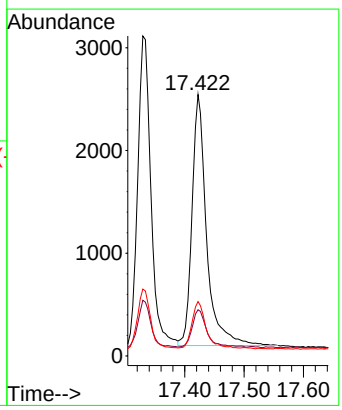


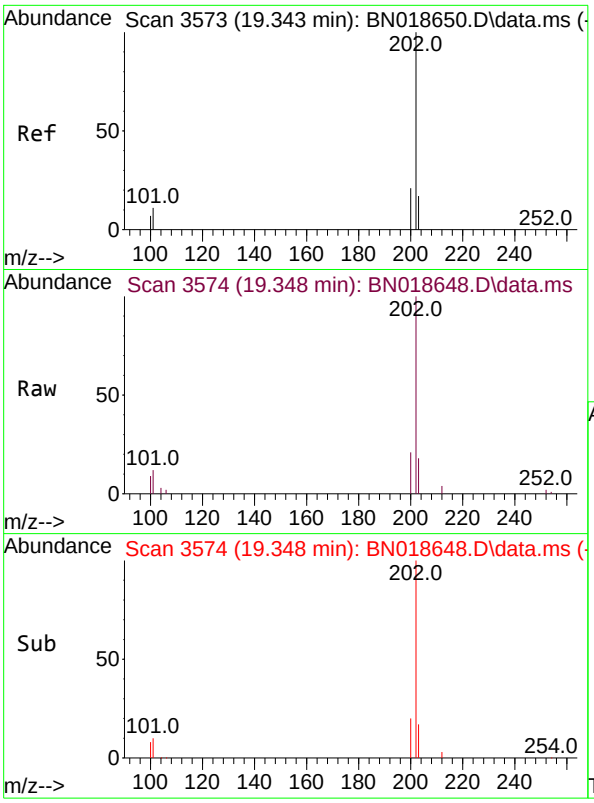


#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:178 Resp: 4169

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	20.8	15.5	23.3



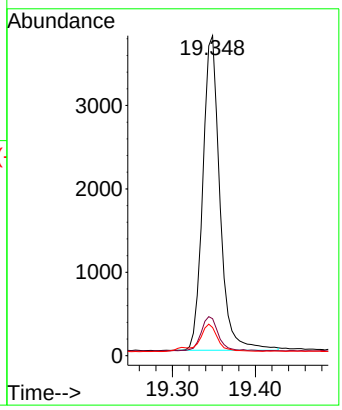


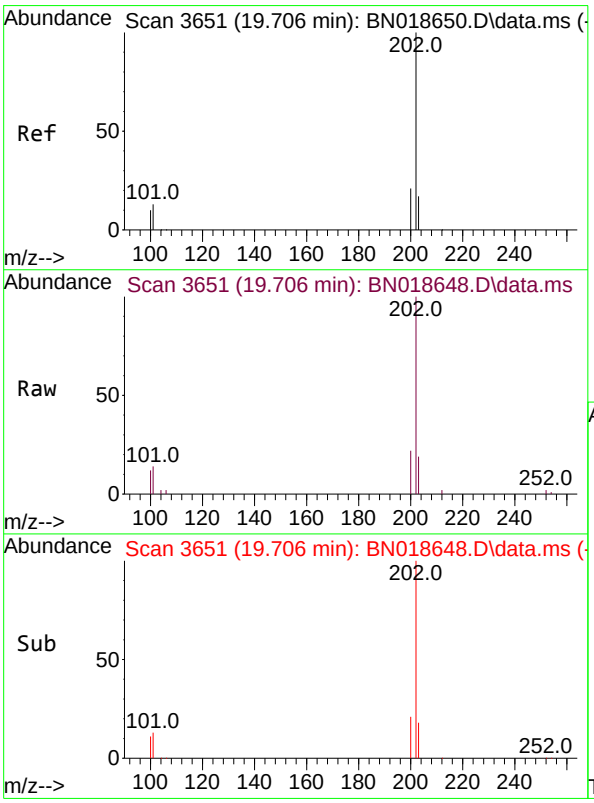
#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 19.348 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:202 Resp: 5404

Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.5	11.3#
100	8.8	5.4	8.2#

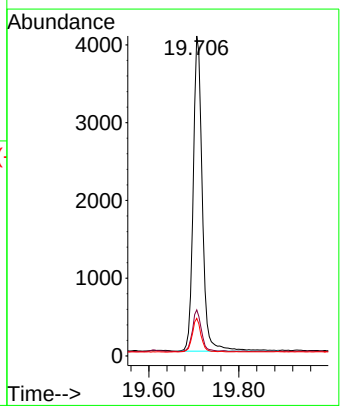


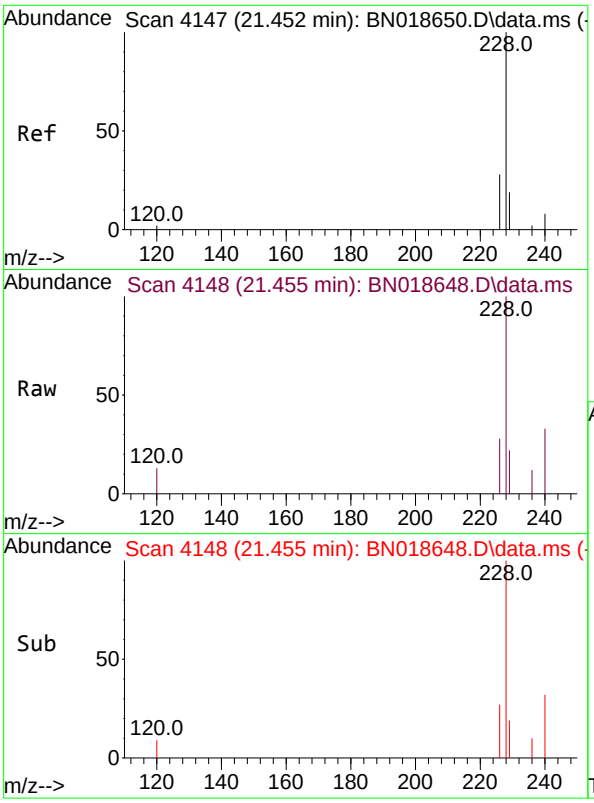


#20
Pyrene
Concen: 0.106 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:202 Resp: 5731

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.0	13.4#
100	11.8	7.0	10.4#



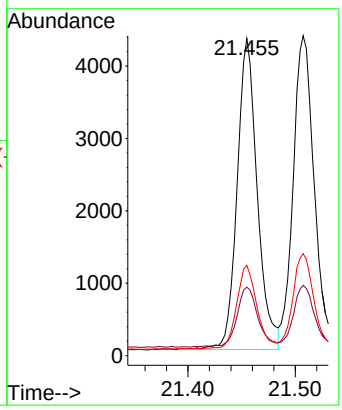


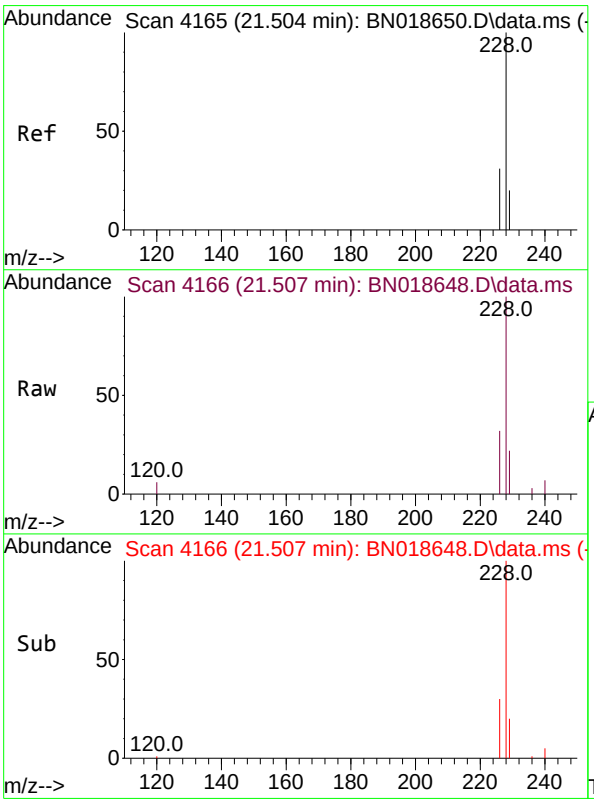
#21
Benzo(a)anthracene
Concen: 0.133 ng/ul
RT: 21.455 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:228 Resp: 5603

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	28.5	22.1	33.1

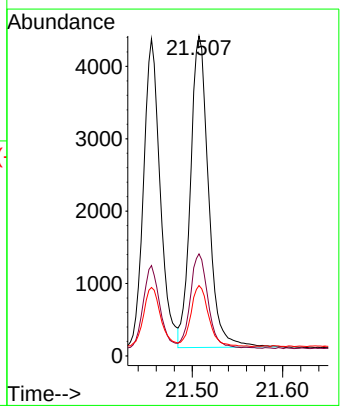


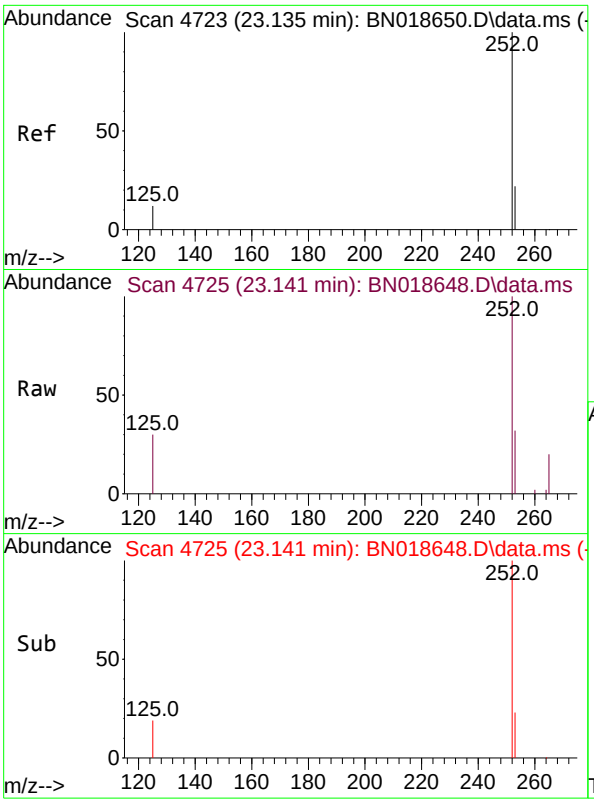


#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:228 Resp: 5946

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.4
229	22.0	15.7	23.5



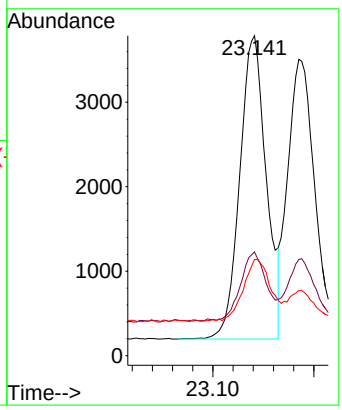


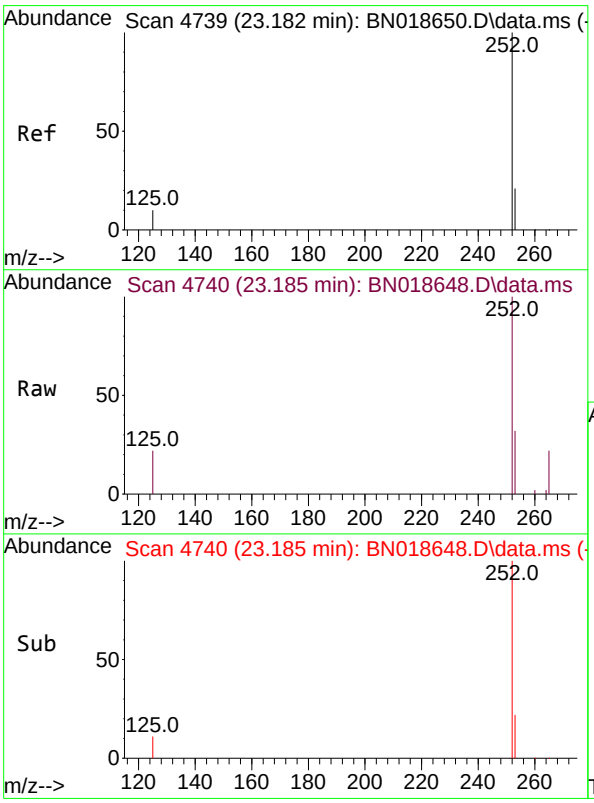
#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 23.141 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:252 Resp: 6567

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	46.4
125	30.0	0.0	17.8#

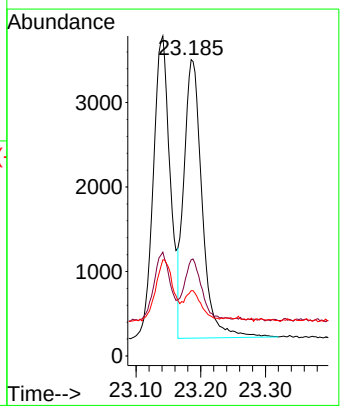


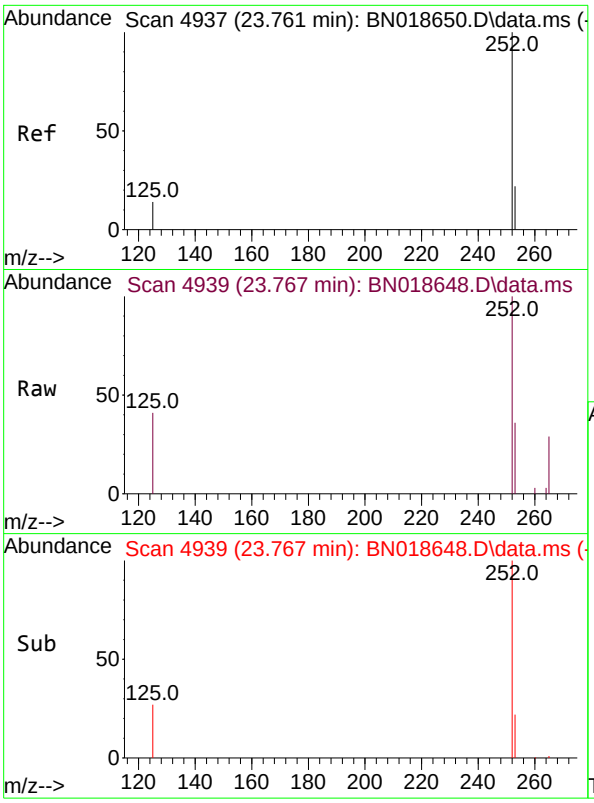


#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul
RT: 23.185 min Scan# 4740
Delta R.T. 0.003 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:252 Resp: 6419

Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.6	28.0#
125	22.0	7.3	10.9#



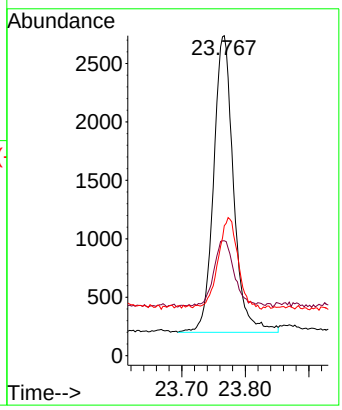


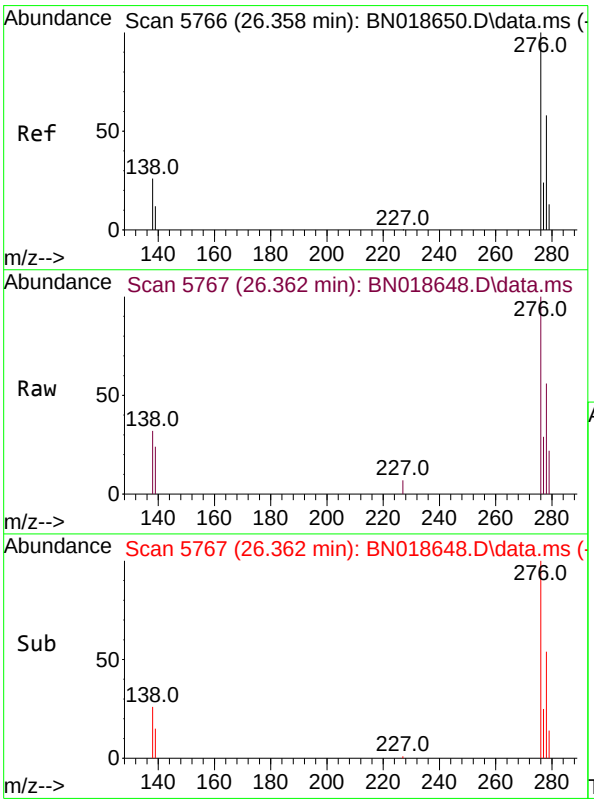
#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.767 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:252 Resp: 5532

Ion	Ratio	Lower	Upper
252	100		
253	35.9	18.9	28.3#
125	40.6	8.2	12.2#

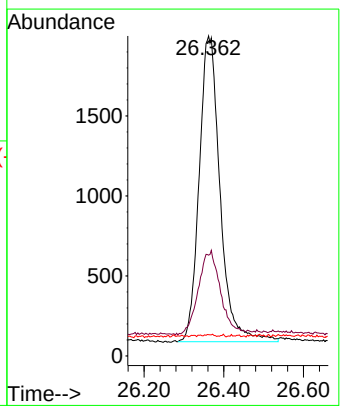


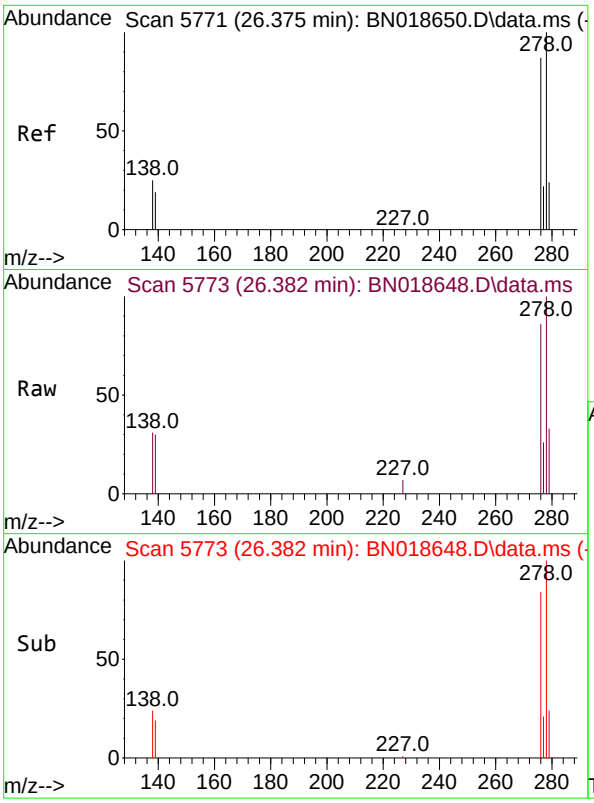


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 26.362 min Scan# 5767
Delta R.T. 0.004 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:276 Resp: 6952

Ion	Ratio	Lower	Upper
276	100		
138	29.2	16.5	24.7#
227	0.3	0.1	0.1#



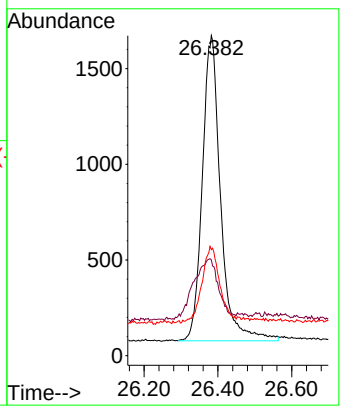


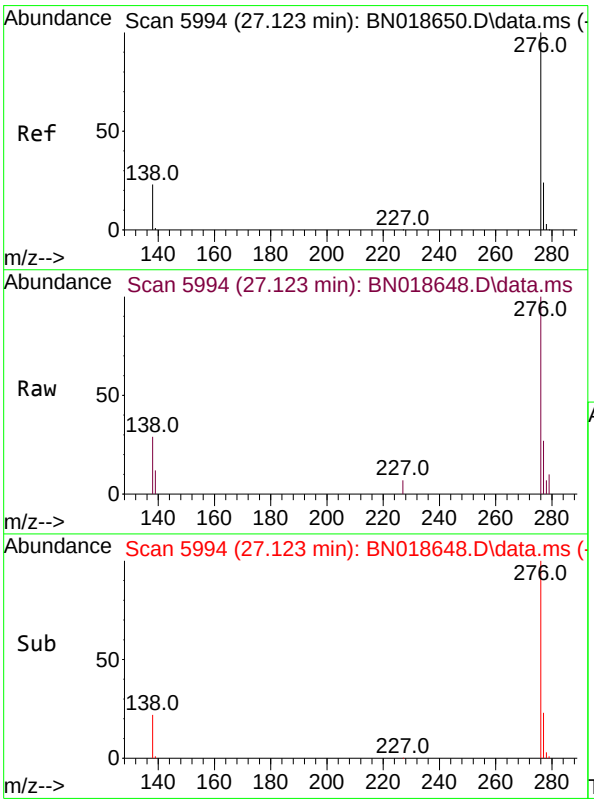
#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 26.382 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:278 Resp: 5459

Ion	Ratio	Lower	Upper
278	100		
139	30.0	11.9	17.9#
279	33.1	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 27.123 min Scan# 5994
Delta R.T. 0.001 min
Lab File: BN018648.D
Acq: 18 Feb 2022 10:01

Tgt Ion:276 Resp: 6111

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	27.4	19.2	28.8