Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
Data File : BN021931.D
Acq On : 26 Sep 2022 23:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Quant Time: Sep 27 00:26:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	14837	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.703	164	7881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.456	188	13805	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	8117	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	6263	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	2103	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	9737	0.415	ng/ul	-0.01
18) Fluoranthene-d10	19.483	212	13698	0.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2223	0.391	ng/ul	95
5) Naphthalene	10.922	128	17492	0.418	ng/ul	97
7) 2-Methylnaphthalene	12.533	142	11188	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.753	142	11489	0.412	ng/ul	99
10) Acenaphthylene	14.425	152	13599	0.411	ng/ul	99
11) Acenaphthene	14.763	153	11970	0.427	ng/ul	100
12) Fluorene	15.753	166	12697	0.404	ng/ul	100
14) Pentachlorophenol	17.109	266	849	0.317	ng/ul	98
15) Phenanthrene	17.498	178	18250	0.419	ng/ul	100
16) Anthracene	17.591	178	14836	0.410	ng/ul	99
19) Fluoranthene	19.511	202	16761	0.442	ng/ul	96
20) Pyrene	19.873	202	16756	0.448	ng/ul#	93
21) Benzo(a)anthracene	21.630	228	11936	0.439	ng/ul	99
22) Chrysene	21.682	228	12701	0.428	ng/ul	99
24) Benzo(b)fluoranthene	23.375	252	11937	0.393	ng/ul	91
25) Benzo(k)fluoranthene	23.427	252	11665	0.396	ng/ul#	90
26) Benzo(a)pyrene	24.038	252	9524	0.414	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.794	276	10959	0.423	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.814	278	9106	0.414	ng/ul	97
29) Benzo(g,h,i)perylene	27.606	276	10557	0.443	ng/ul	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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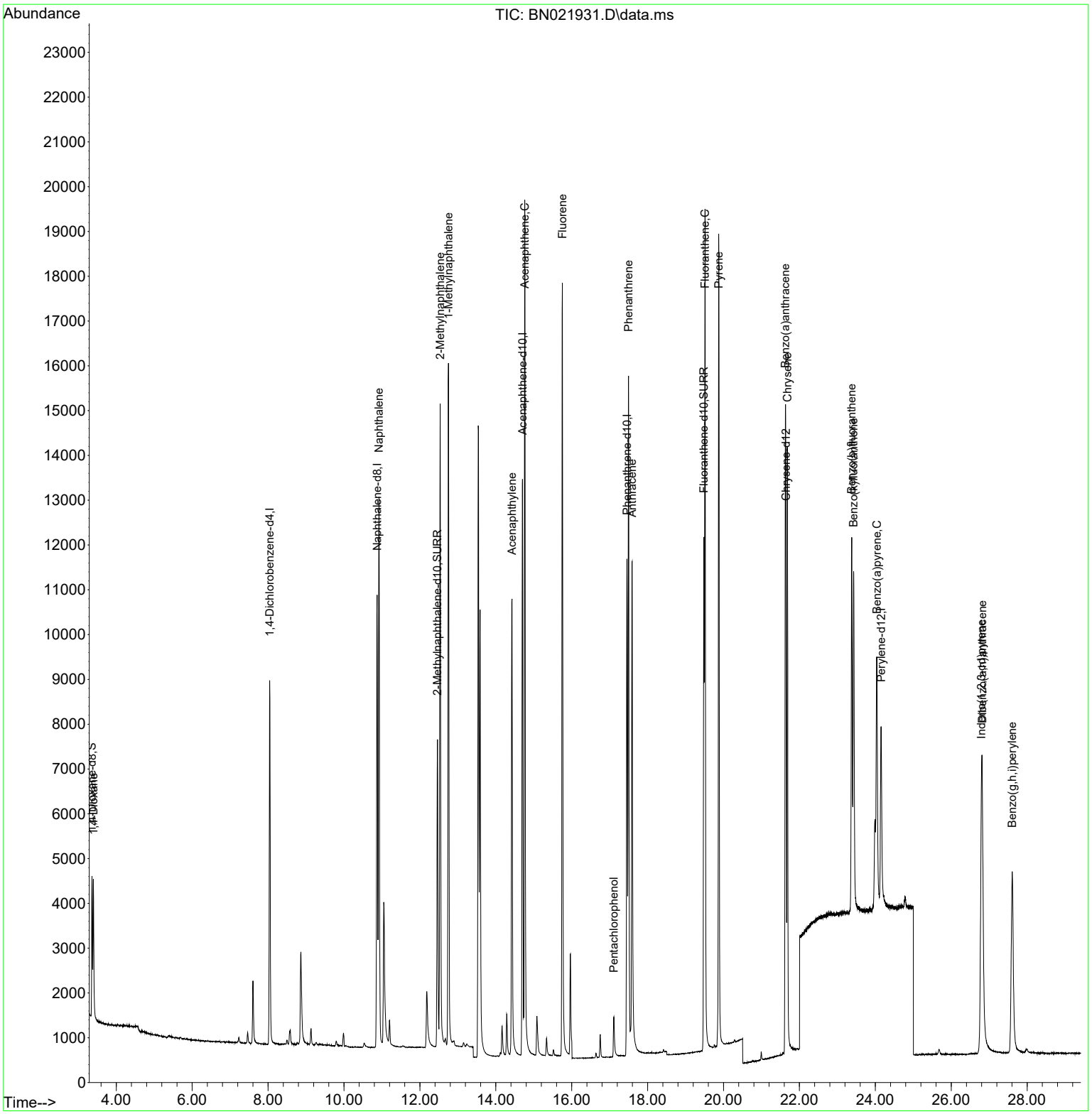
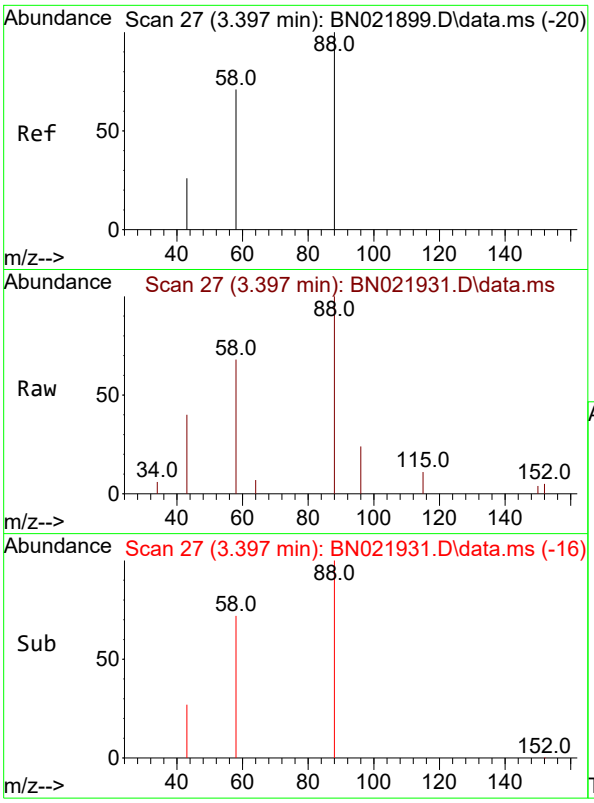


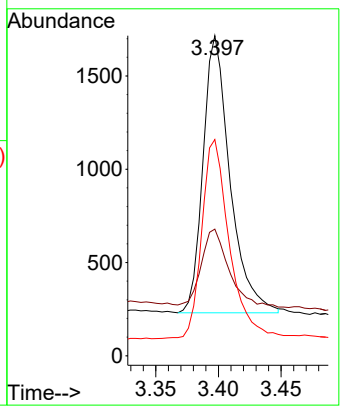


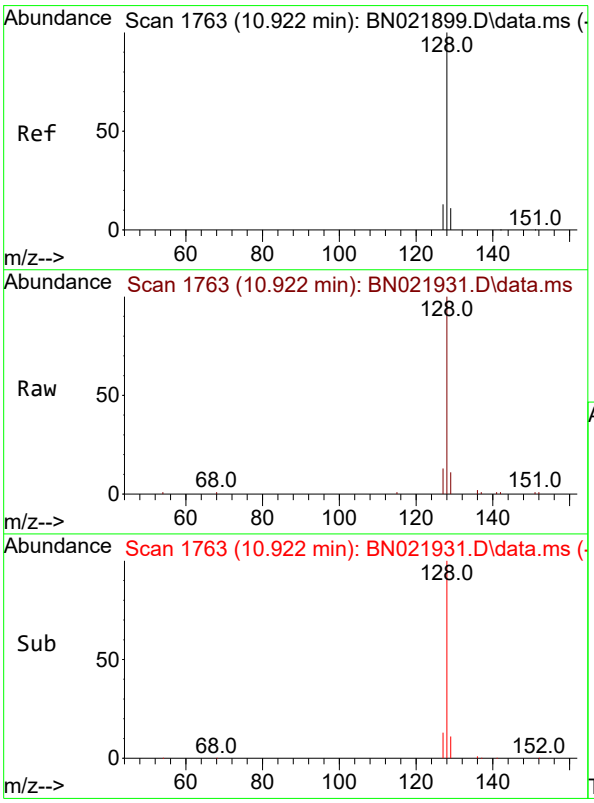
#2
1,4-Dioxane
Concen: 0.391 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion: 88 Resp: 2223

Ion	Ratio	Lower	Upper
88	100		
43	39.6	31.4	47.0
58	67.5	49.0	73.6

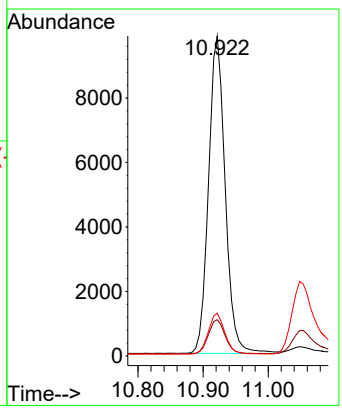


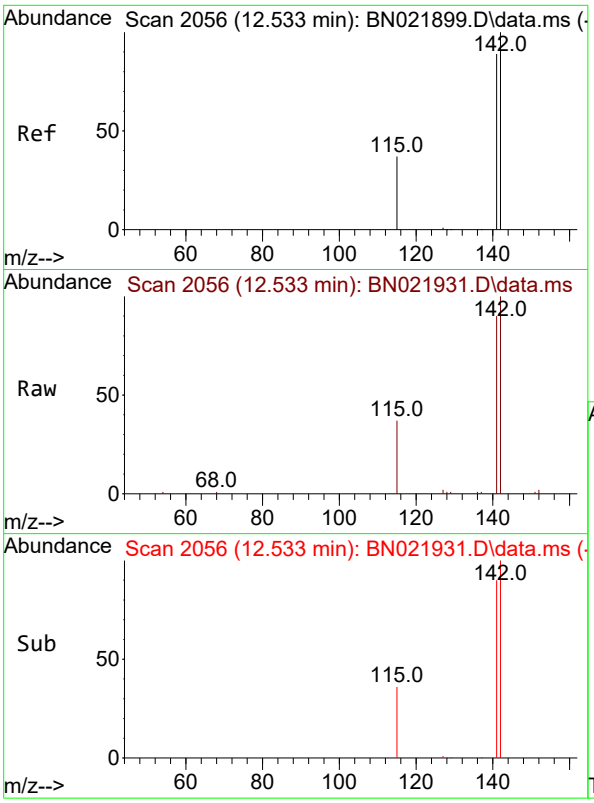


#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:128 Resp: 17492

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.3	11.6	17.4



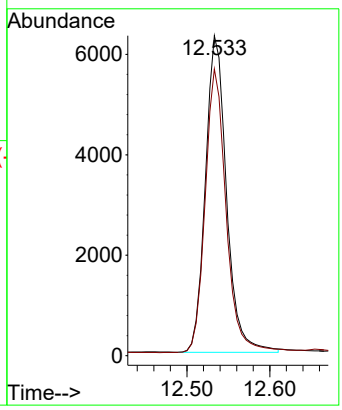


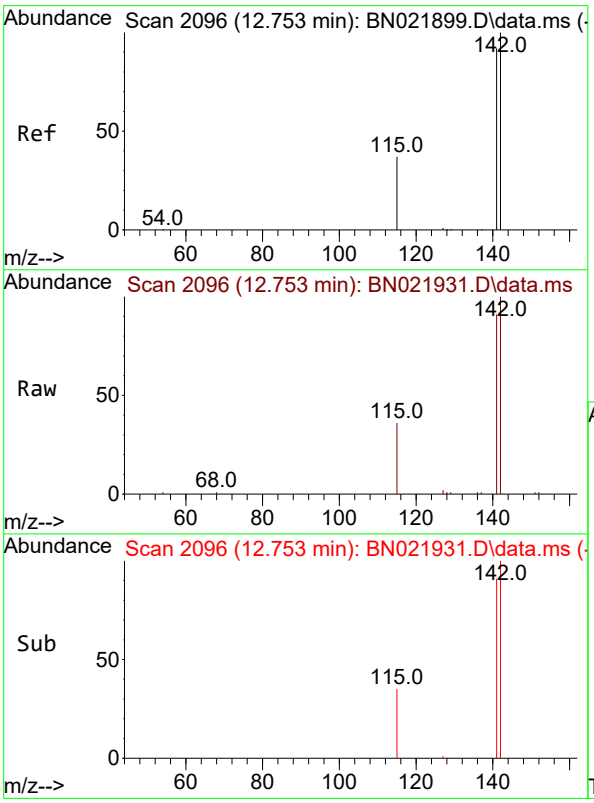
#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:142 Resp: 11188

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.2

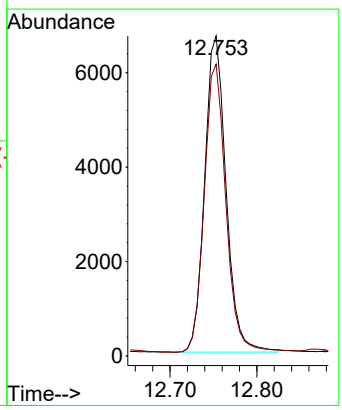


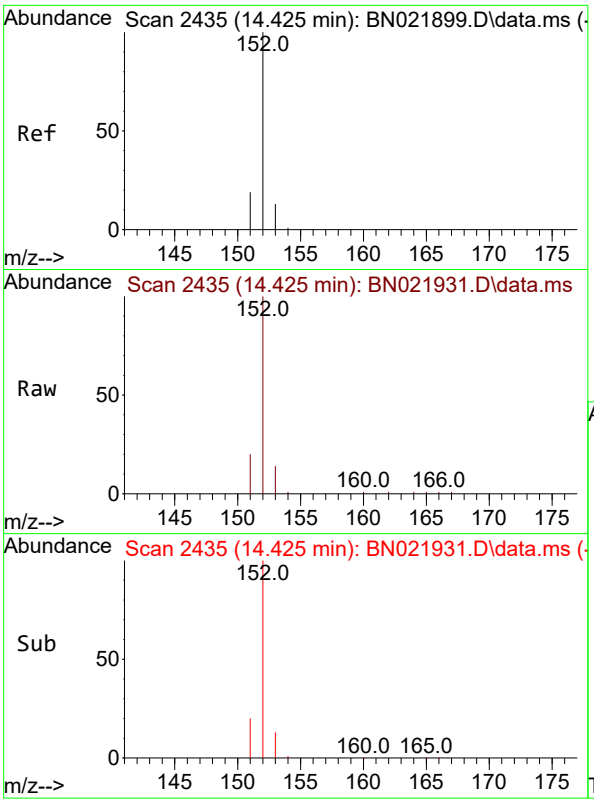


#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:142 Resp: 11489

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9



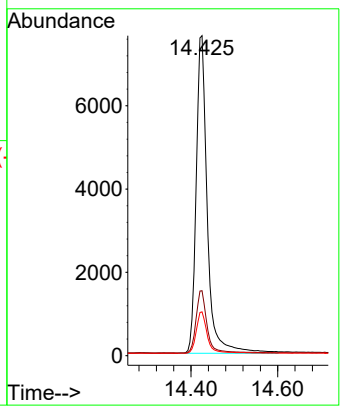


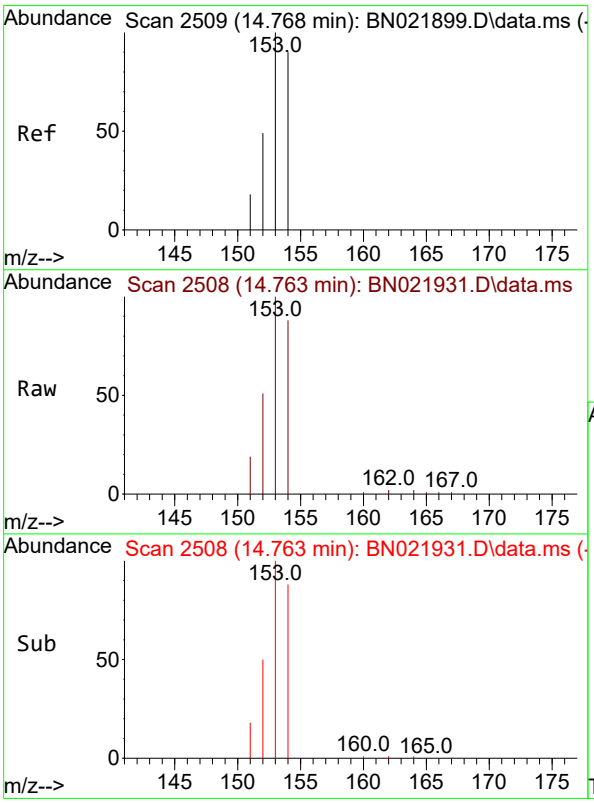
#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.425 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:152 Resp: 13599

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.7	11.2	16.8

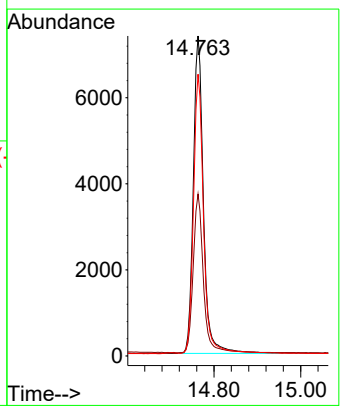


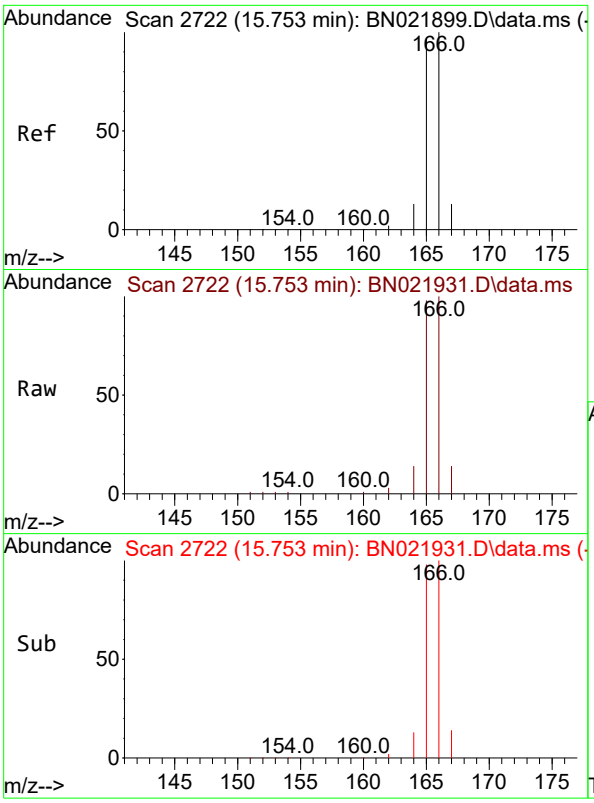


#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.763 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:153 Resp: 11970

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.2	60.4
154	88.0	70.7	106.1



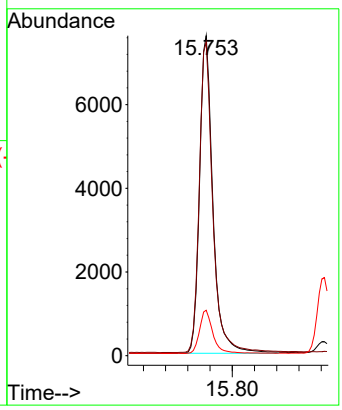


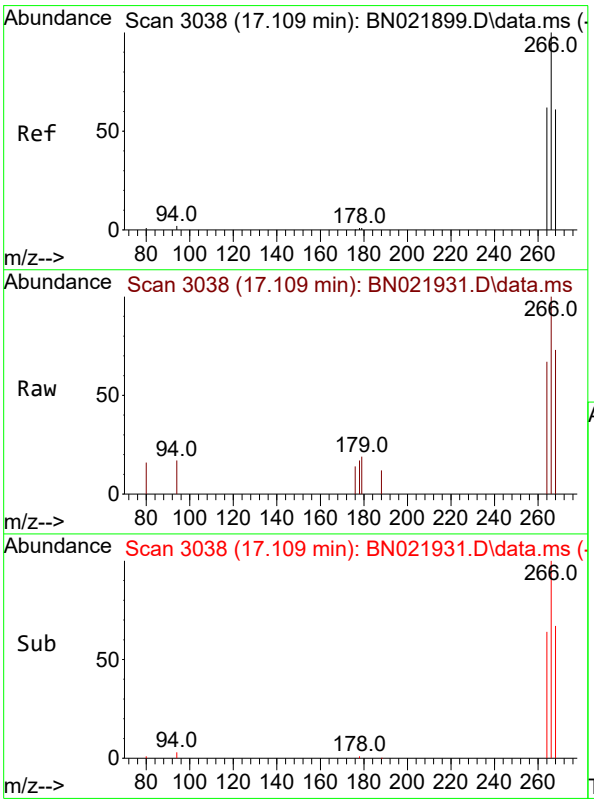
#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.753 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:166 Resp: 12697

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	14.2	11.8	17.6

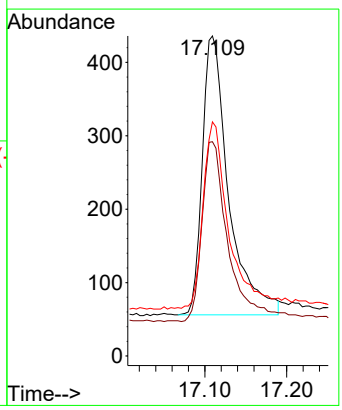


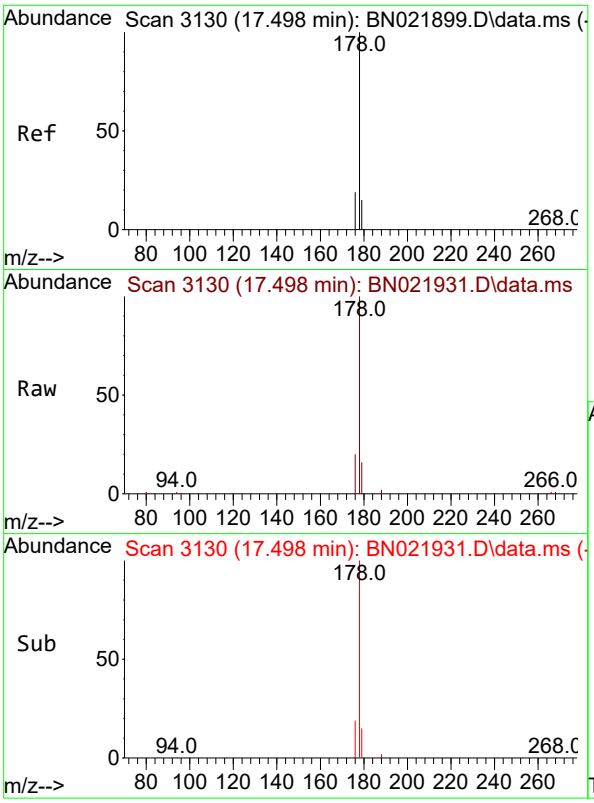


#14
Pentachlorophenol
Concen: 0.317 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:266 Resp: 849

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.8	74.8
268	64.3	50.6	75.8



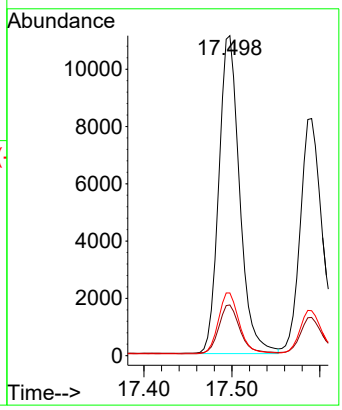


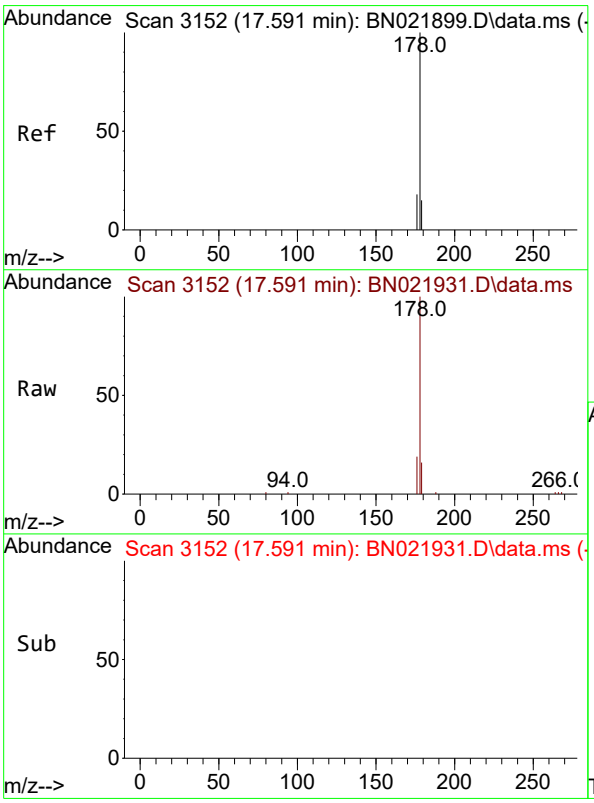
#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.498 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:178 Resp: 18250

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.6	15.9	23.9

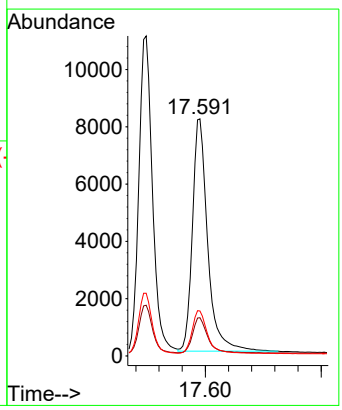


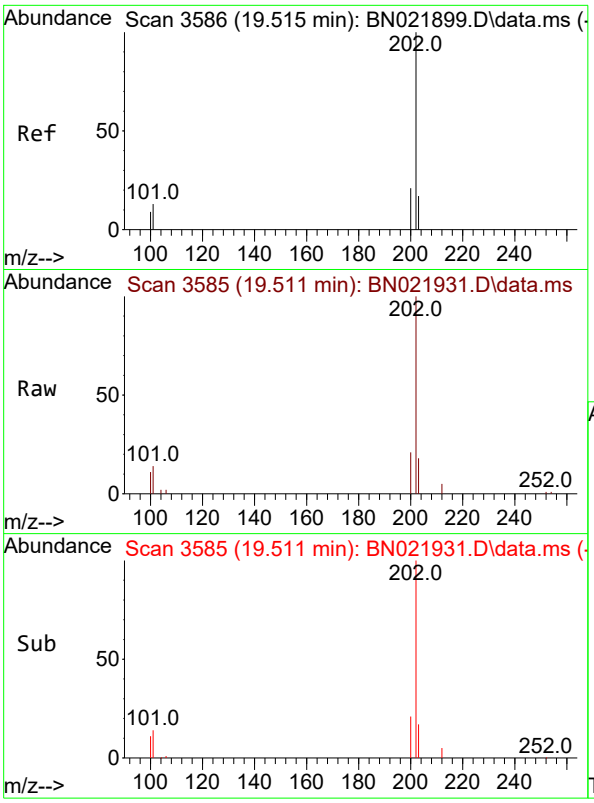


#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:178 Resp: 14836

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.0	15.9	23.9



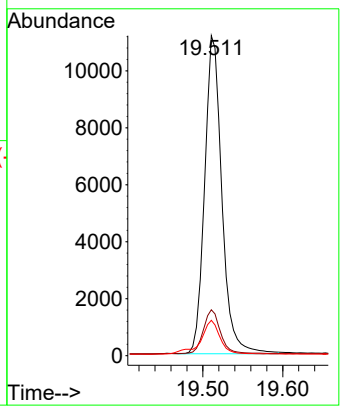


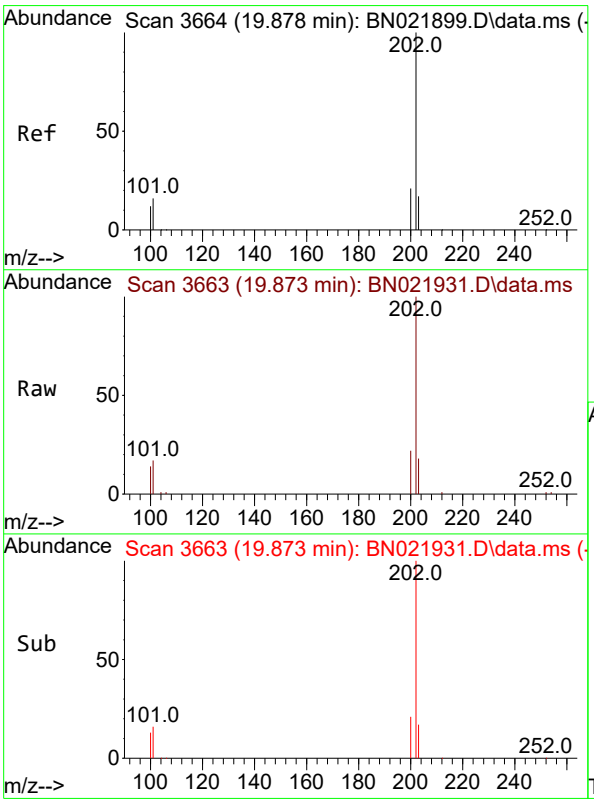
#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.511 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:202 Resp: 16761

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.0	15.0
100	11.1	8.0	12.0

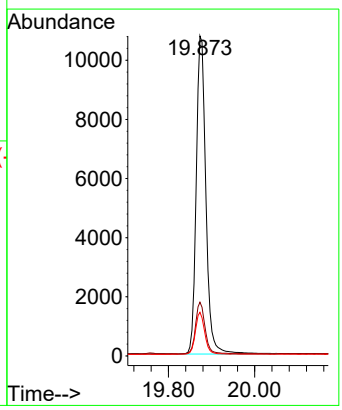


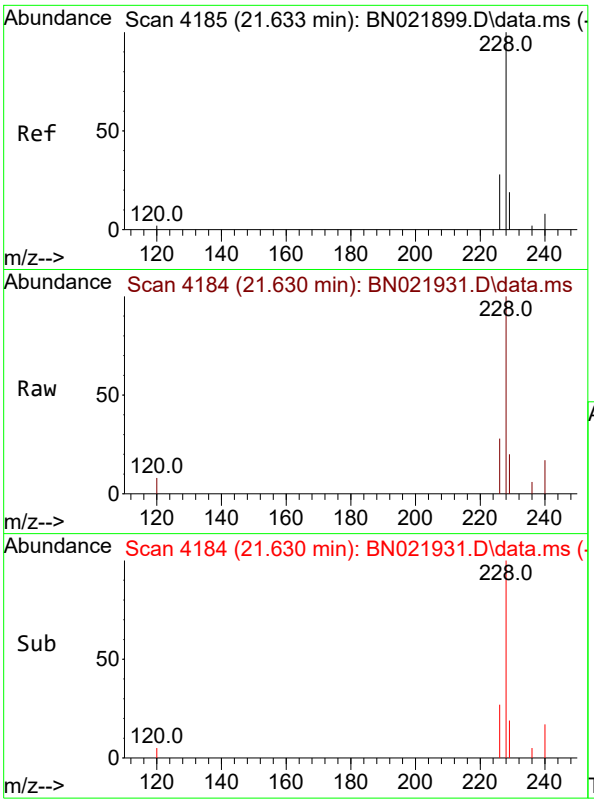


#20
Pyrene
Concen: 0.448 ng/ul
RT: 19.873 min Scan# 3663
Delta R.T. -0.005 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:202 Resp: 16756

Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.3	16.9
100	13.6	9.0	13.4#



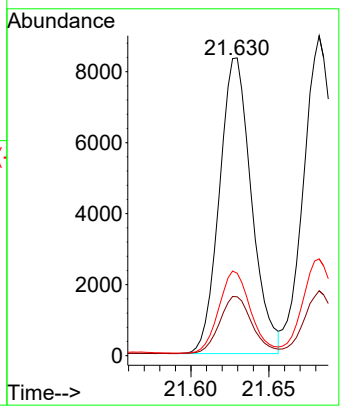


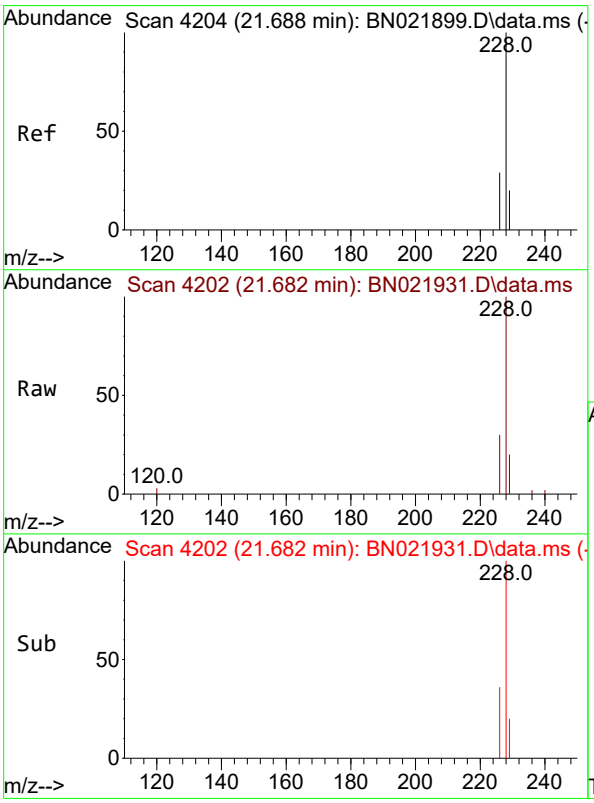
#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.630 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:228 Resp: 11936

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.0	24.0
226	27.7	21.9	32.9

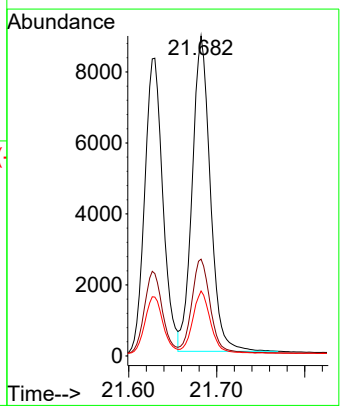


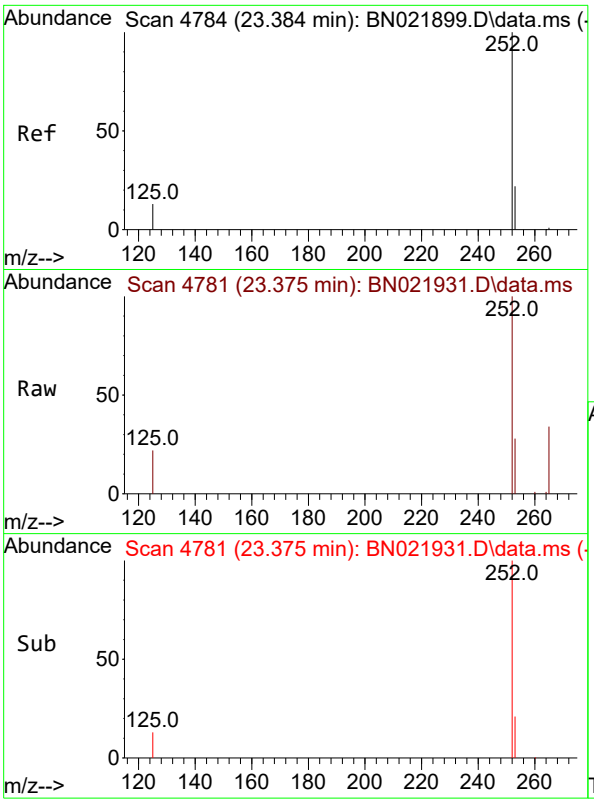


#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.682 min Scan# 4202
Delta R.T. -0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:228 Resp: 12701

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.3	15.8	23.8



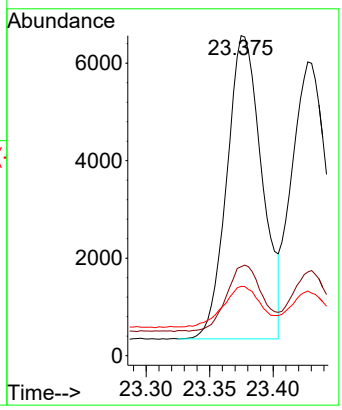


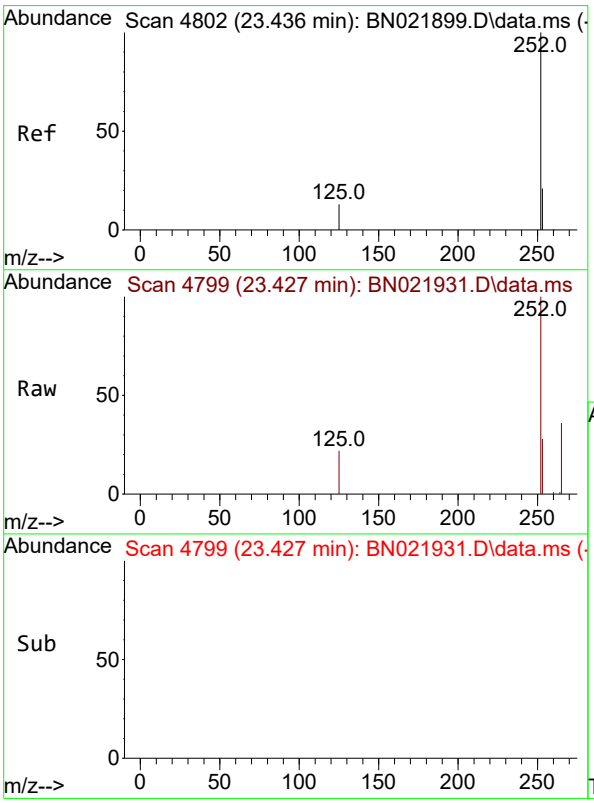
#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.375 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:252 Resp: 11937

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	50.8
125	21.6	0.0	30.0

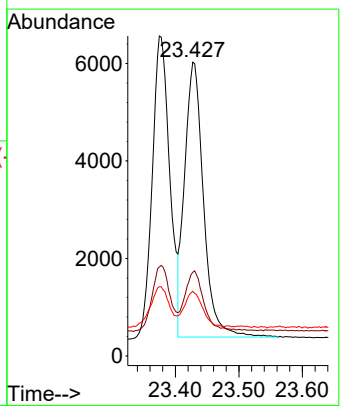


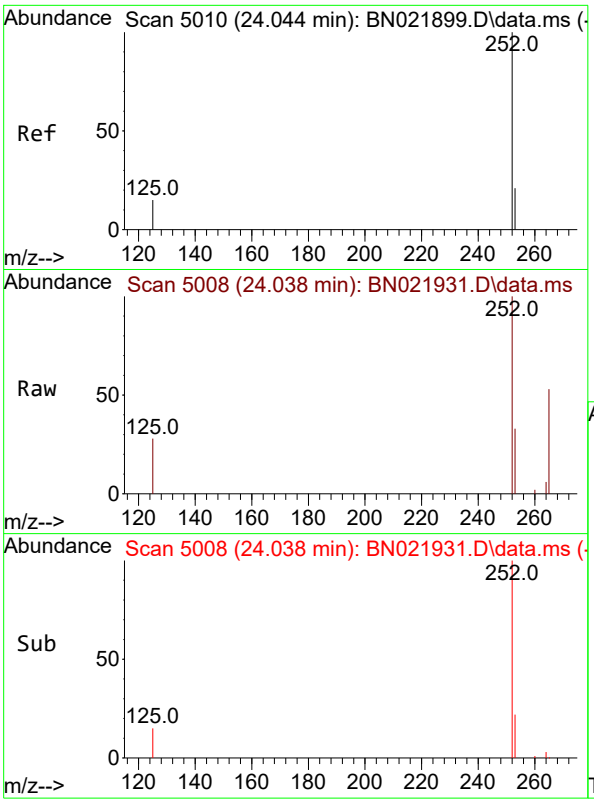


#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.427 min Scan# 4799
Delta R.T. -0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:252 Resp: 11665

Ion	Ratio	Lower	Upper
252	100		
253	28.5	20.6	31.0
125	22.0	11.8	17.6#



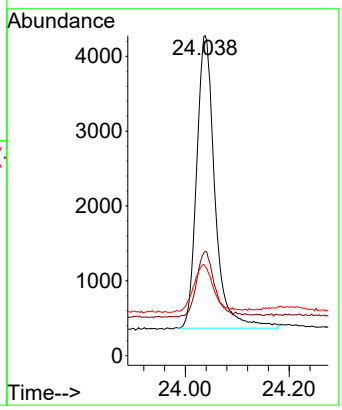


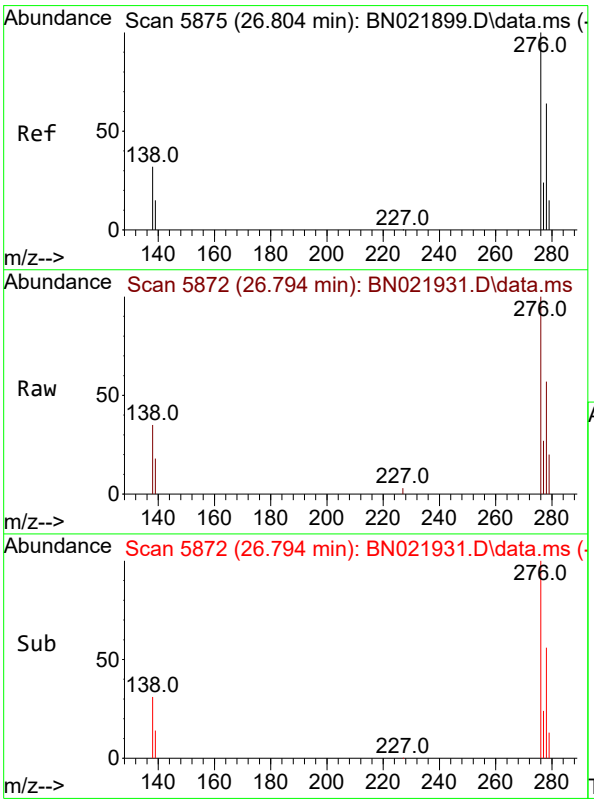
#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 24.038 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:252 Resp: 9524

Ion	Ratio	Lower	Upper
252	100		
253	32.6	22.1	33.1
125	27.8	14.7	22.1#

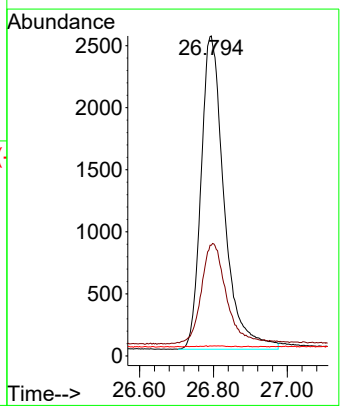


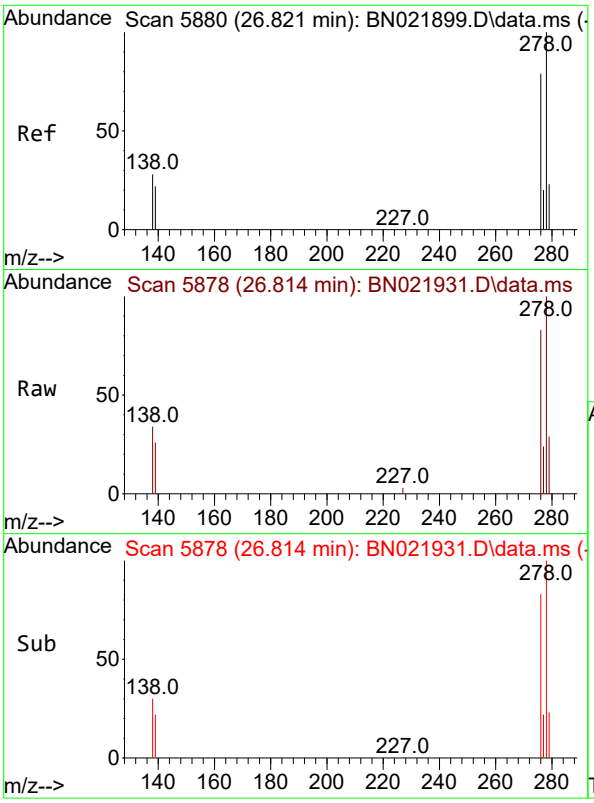


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.794 min Scan# 5872
Delta R.T. 0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:276 Resp: 10959

Ion	Ratio	Lower	Upper
276	100		
138	35.3	26.1	39.1
227	0.2	0.1	0.1#



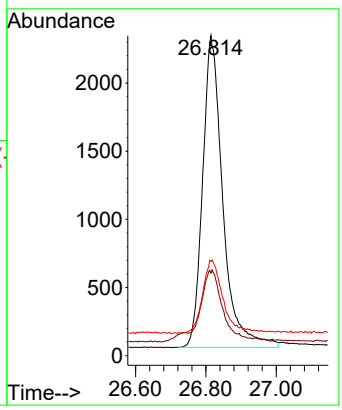


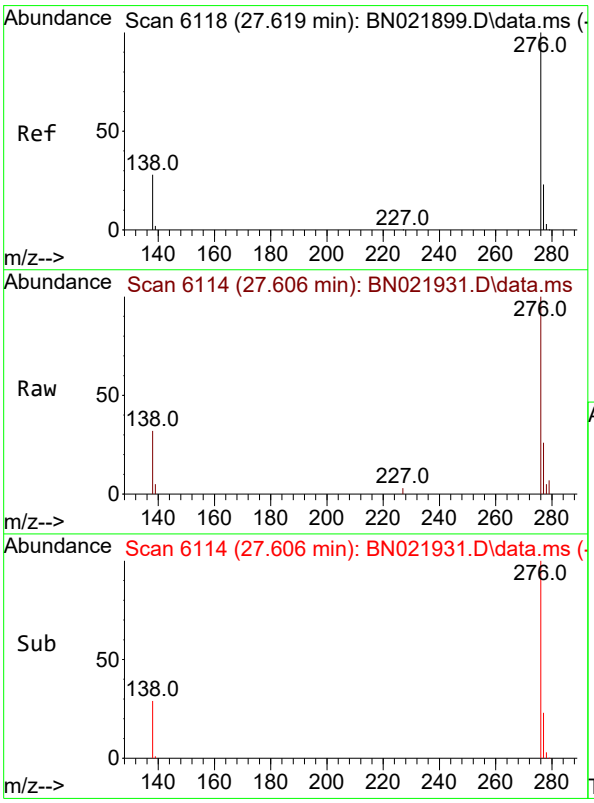
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.814 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:278 Resp: 9106

Ion	Ratio	Lower	Upper
278	100		
139	25.8	18.3	27.5
279	29.5	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.606 min Scan# 6114
Delta R.T. -0.003 min
Lab File: BN021931.D
Acq: 26 Sep 2022 23:29

Tgt Ion:276 Resp: 10557

Ion	Ratio	Lower	Upper
276	100		
138	32.0	22.6	34.0
277	25.5	20.2	30.2