Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034967.D
Acq On : 10 Nov 2024 07:23
Operator : RC/JU
Sample : P4746-09MS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Quant Time: Nov 10 21:50:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	6503	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.203	164	4592	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	10769	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	10827	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	11594	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	643	0.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	3339	0.335	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	12004	0.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	2033	0.732	ng/ul	95
5) Naphthalene	10.377	128	5641	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	4057	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.225	142	4090	0.335	ng/ul	100
10) Acenaphthylene	13.916	152	6587	0.351	ng/ul	99
11) Acenaphthene	14.263	153	5020	0.353	ng/ul	99
12) Fluorene	15.258	166	6290	0.348	ng/ul	98
14) Pentachlorophenol	16.603	266	2150	0.864	ng/ul	98
15) Phenanthrene	16.987	178	11073	0.385	ng/ul	99
16) Anthracene	17.080	178	10048	0.372	ng/ul	99
19) Fluoranthene	19.009	202	14484	0.400	ng/ul#	96
20) Pyrene	19.372	202	15031	0.401	ng/ul#	96
21) Benzo(a)anthracene	21.125	228	14845	0.379	ng/ul	99
22) Chrysene	21.177	228	15273	0.382	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	15285	0.375	ng/ul	97
25) Benzo(k)fluoranthene	22.706	252	16104	0.377	ng/ul	99
26) Benzo(a)pyrene	23.211	252	13479	0.370	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.456	276	18383	0.413	ng/ul	94
28) Dibenzo(a,h)anthracene	25.473	278	14452	0.416	ng/ul	99
29) Benzo(g,h,i)perylene	26.110	276	14238	0.418	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
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Acq On : 10 Nov 2024 07:23
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Sample : P4746-09MS
Misc :
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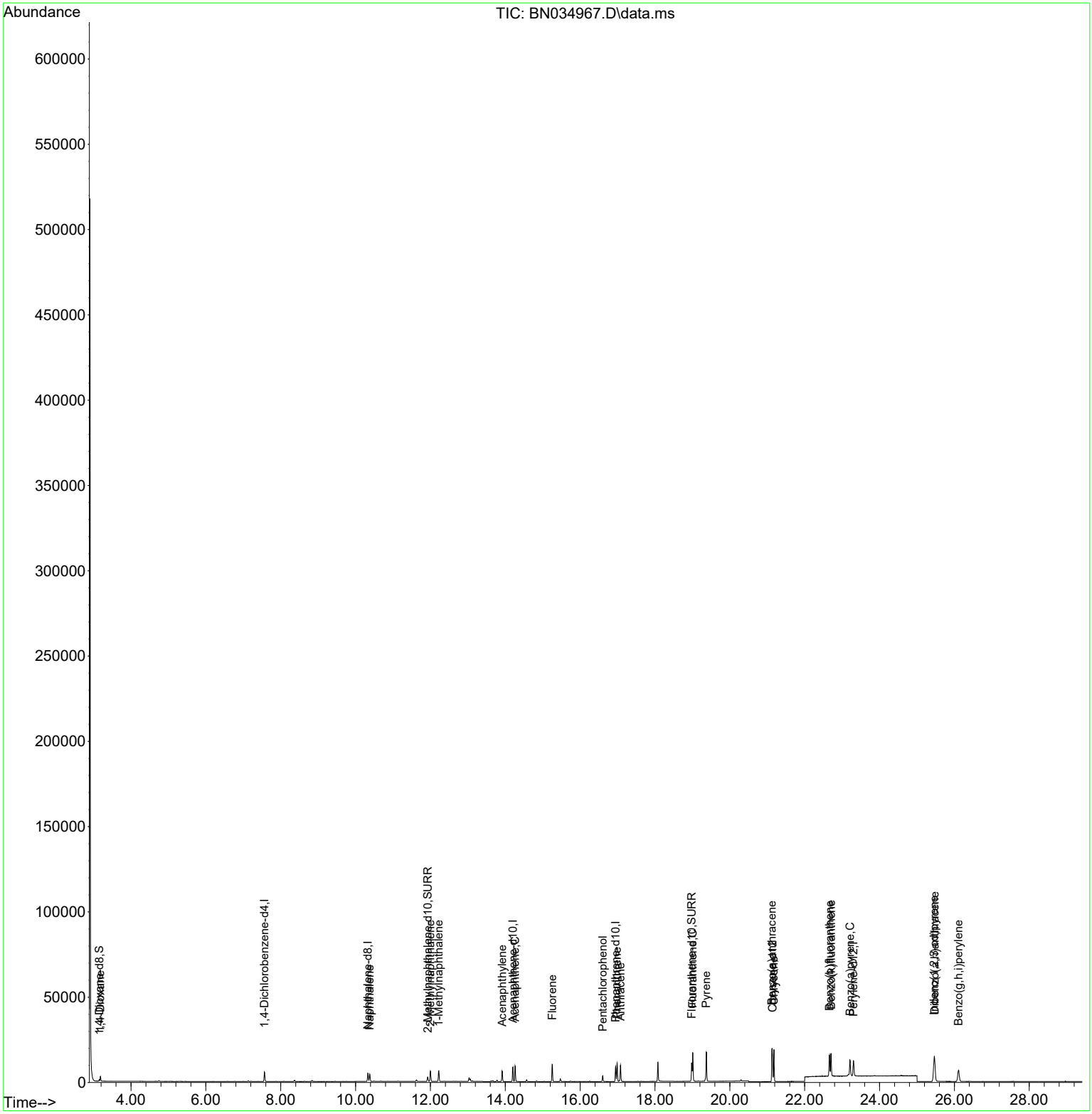
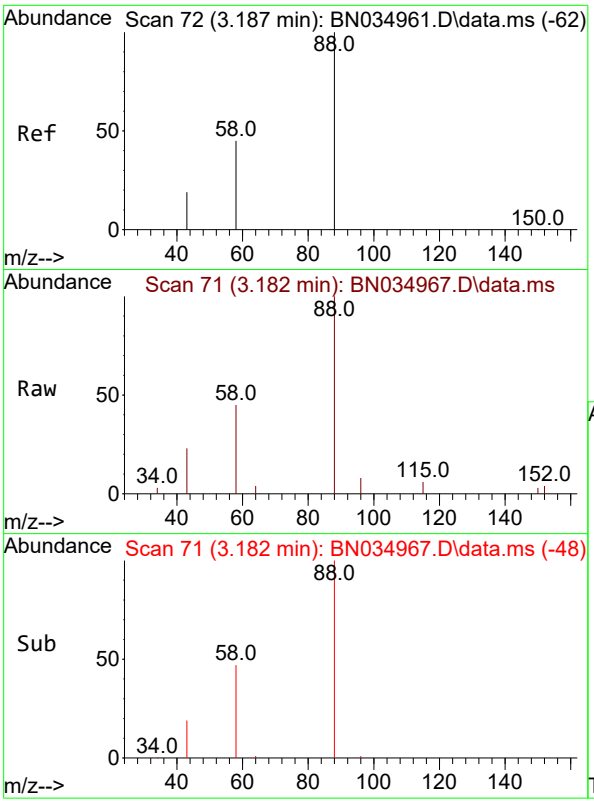
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration



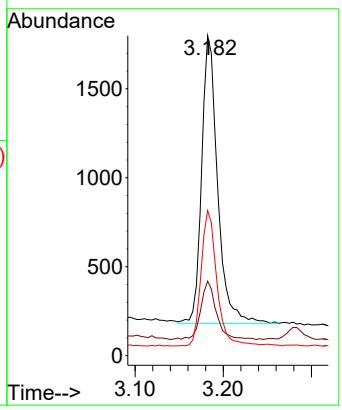


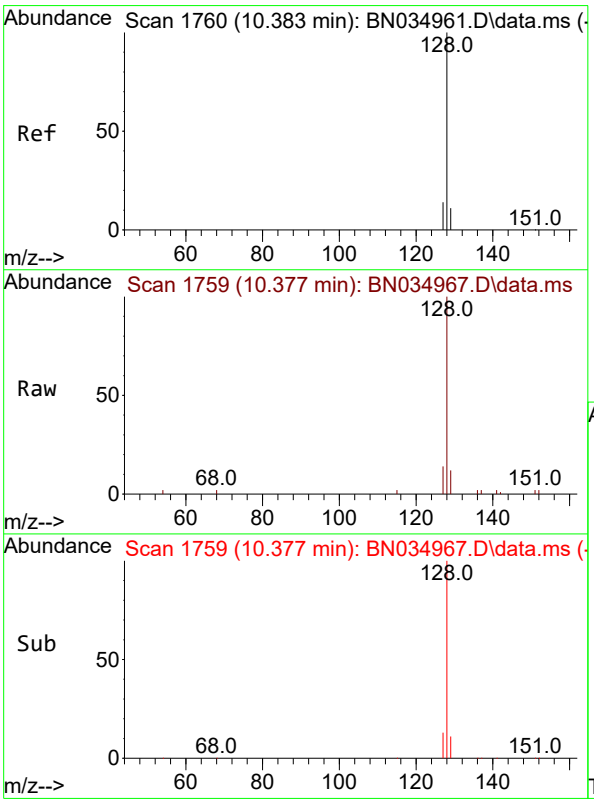
#2
1,4-Dioxane
Concen: 0.732 ng/ul
RT: 3.182 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion: 88 Resp: 2033

Ion	Ratio	Lower	Upper
88	100		
43	23.3	23.3	34.9
58	45.4	35.4	53.2

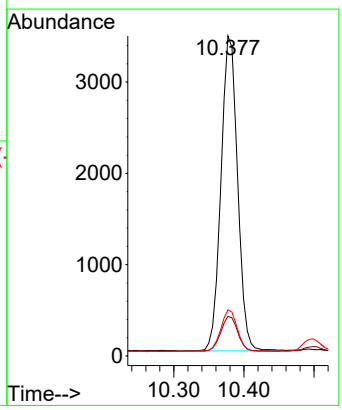


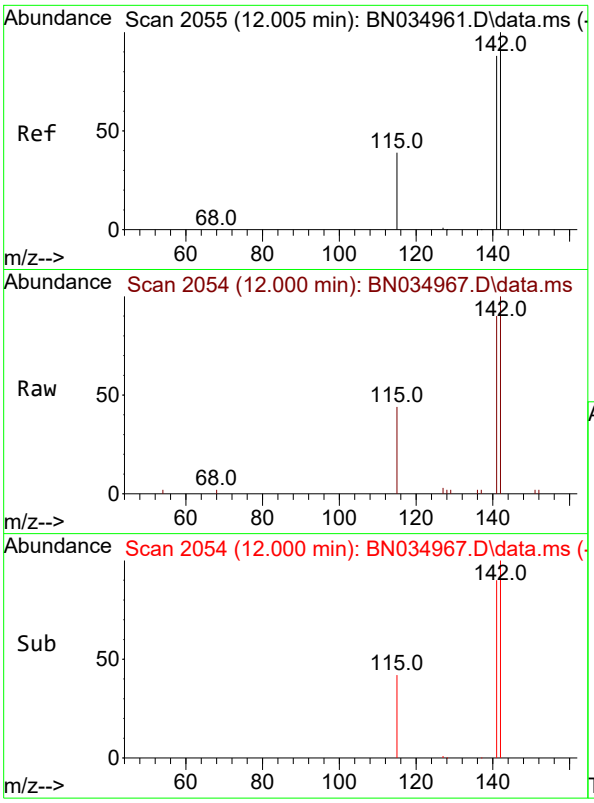


#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:128 Resp: 5641

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.1	15.1
127	14.5	12.1	18.1



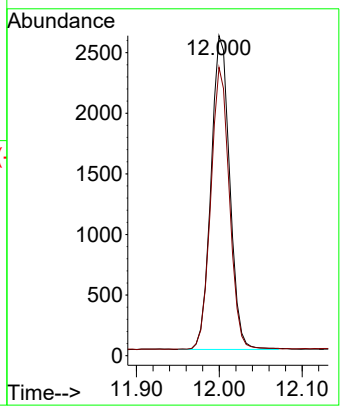


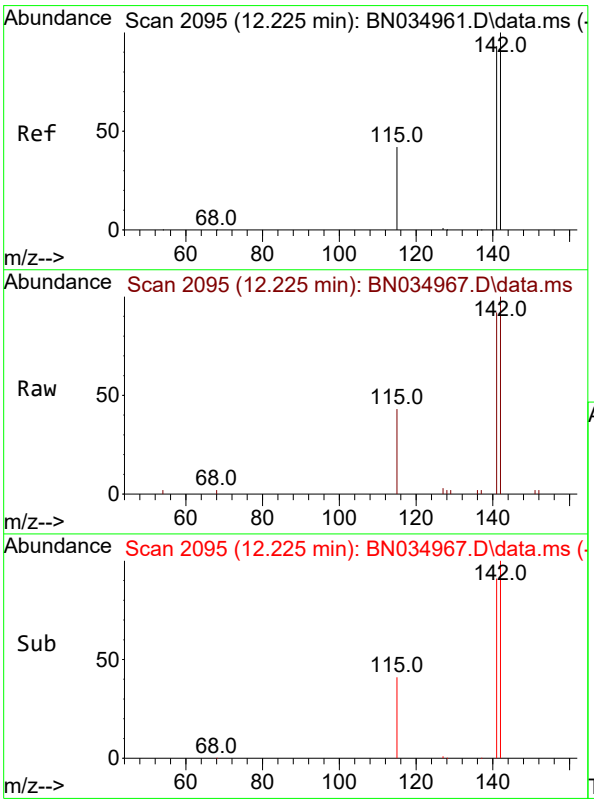
#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.000 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:142 Resp: 4057

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2

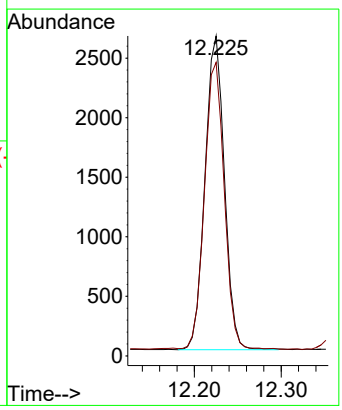


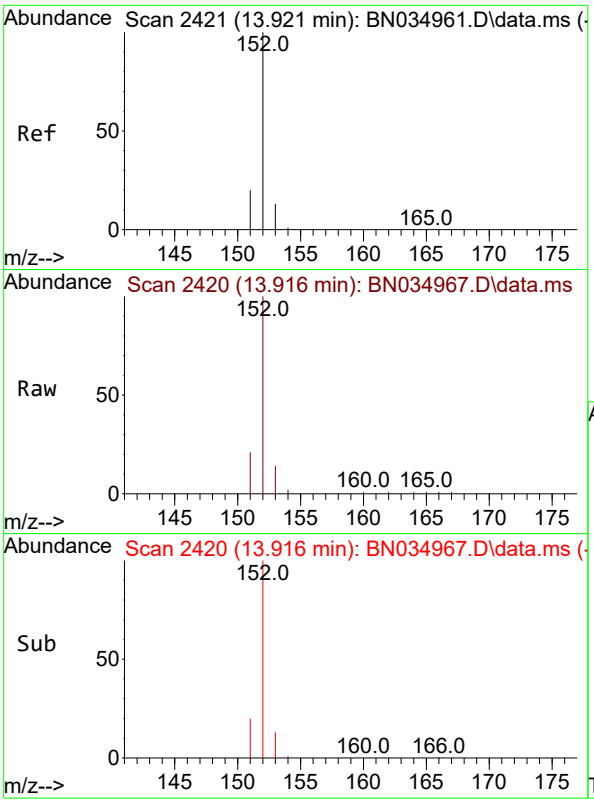


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:142 Resp: 4090

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.6	111.8



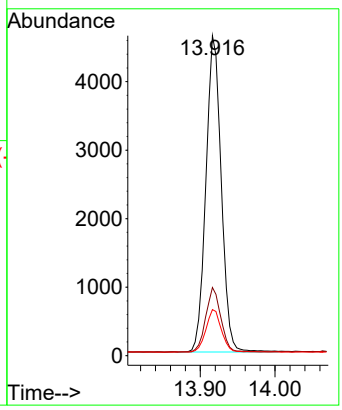


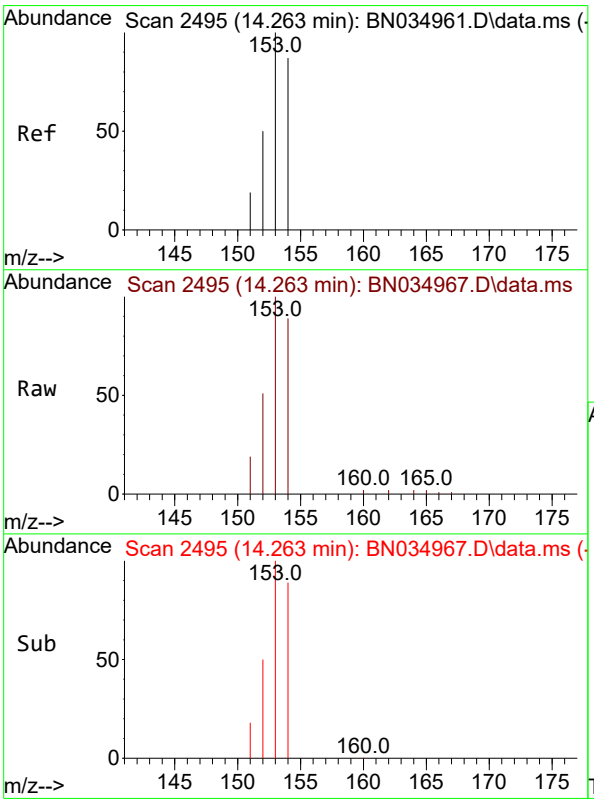
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.916 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:152 Resp: 6587

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	24.8
153	14.4	11.0	16.6

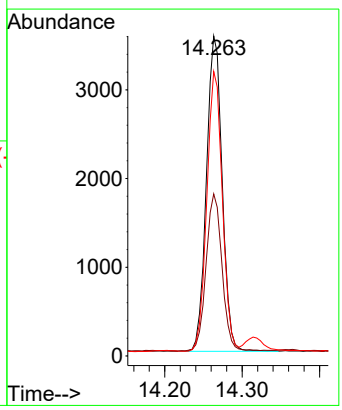


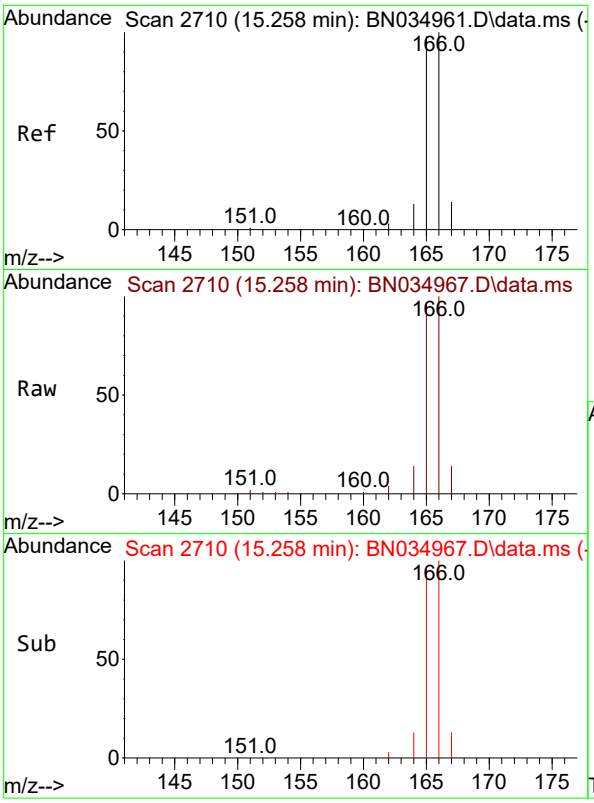


#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.263 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:153 Resp: 5020

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.5	62.3
154	88.9	70.9	106.3



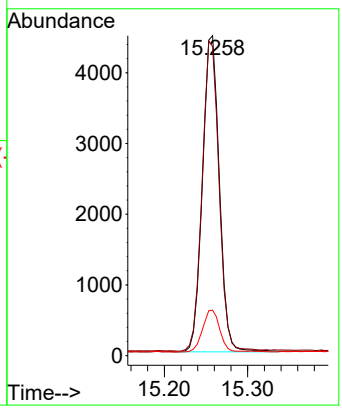


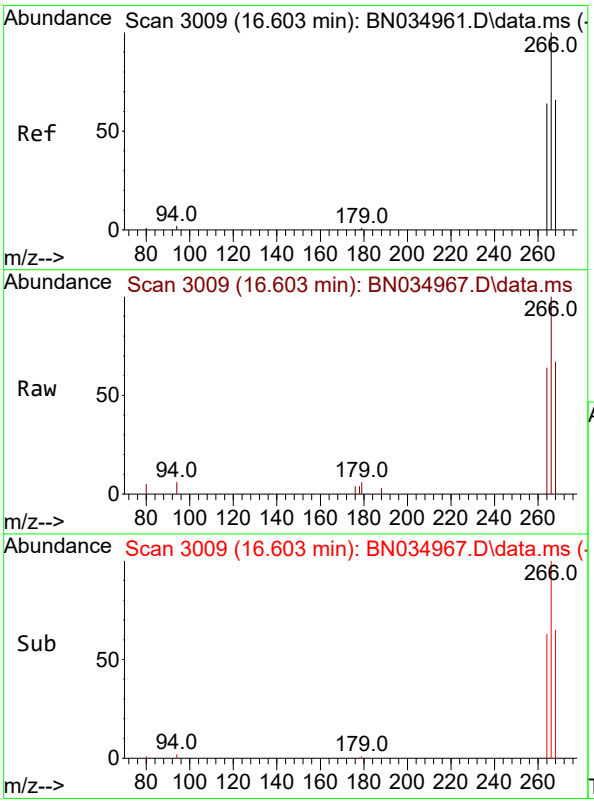
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.258 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:166 Resp: 6290

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.4
167	14.2	11.8	17.6

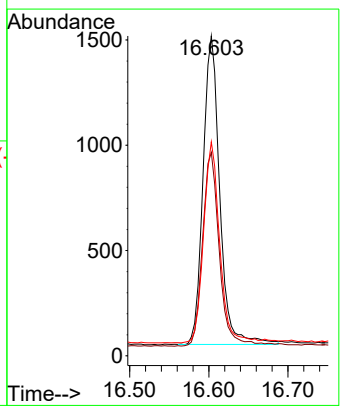


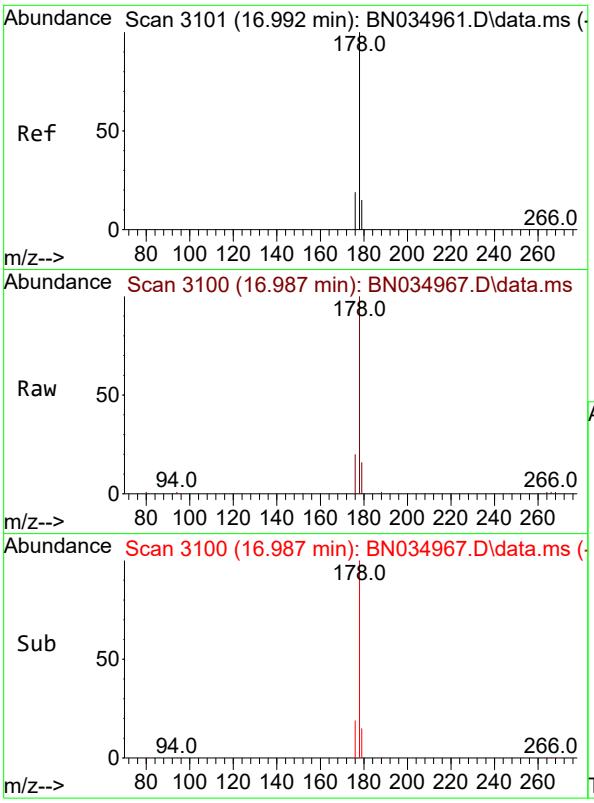


#14
Pentachlorophenol
Concen: 0.864 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:266 Resp: 2150

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.2	75.2
268	62.7	48.4	72.6



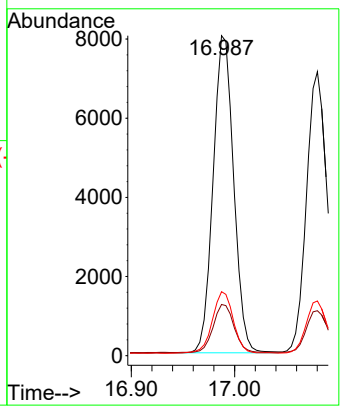


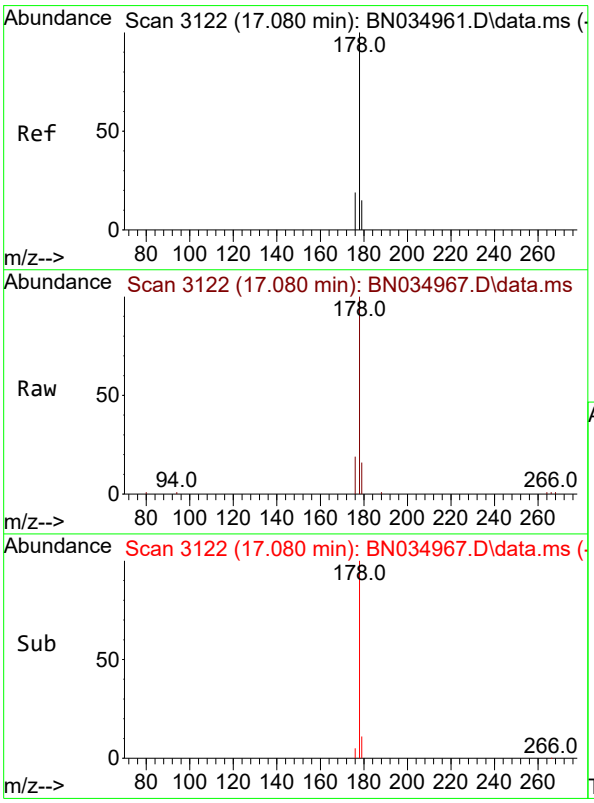
#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 16.987 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:178 Resp: 11073

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	20.0	15.8	23.6

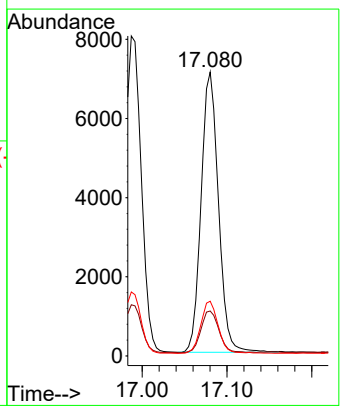


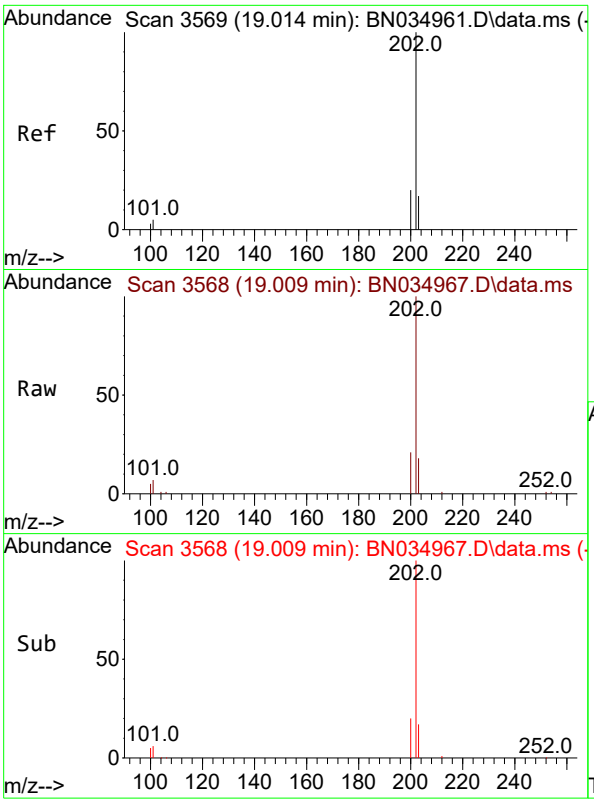


#16
Anthracene
Concen: 0.372 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:178 Resp: 10048

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.3	19.9
176	19.3	15.8	23.8



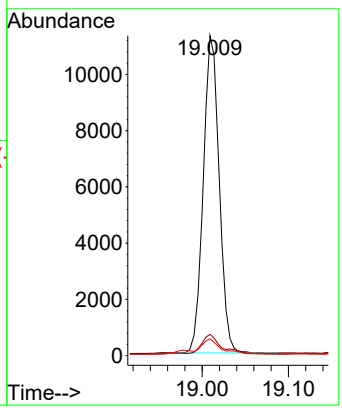


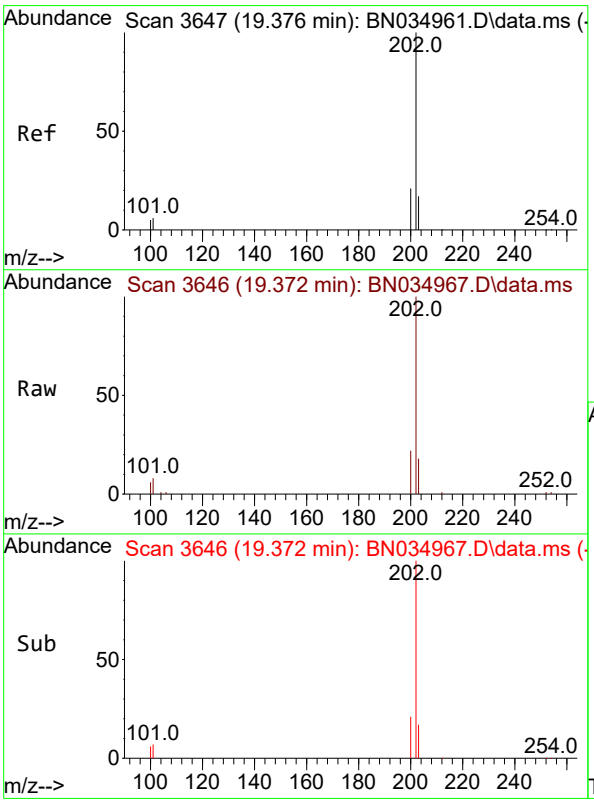
#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.009 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:202 Resp: 14484

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.2	6.2#
100	5.2	3.2	4.8#

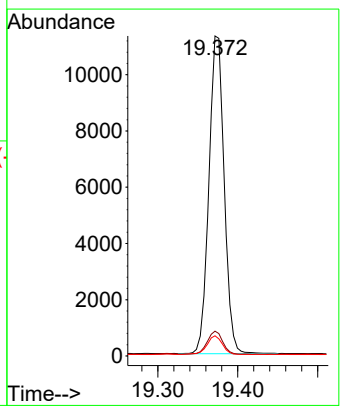


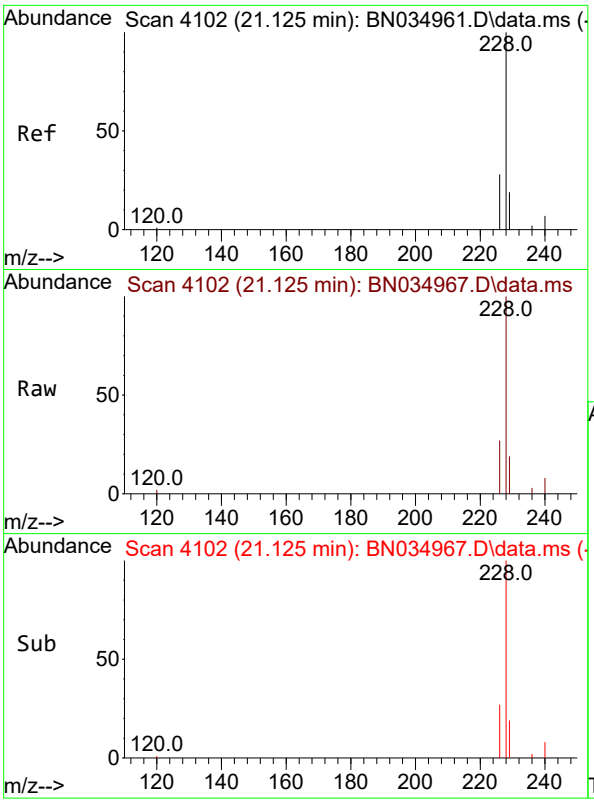


#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:202 Resp: 15031

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.0	7.4#
100	6.3	4.1	6.1#



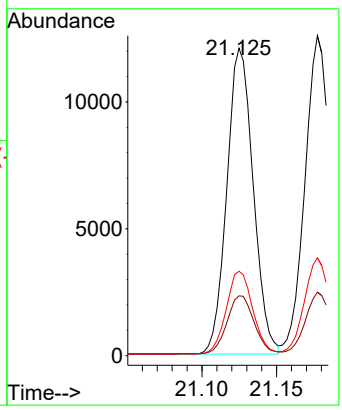


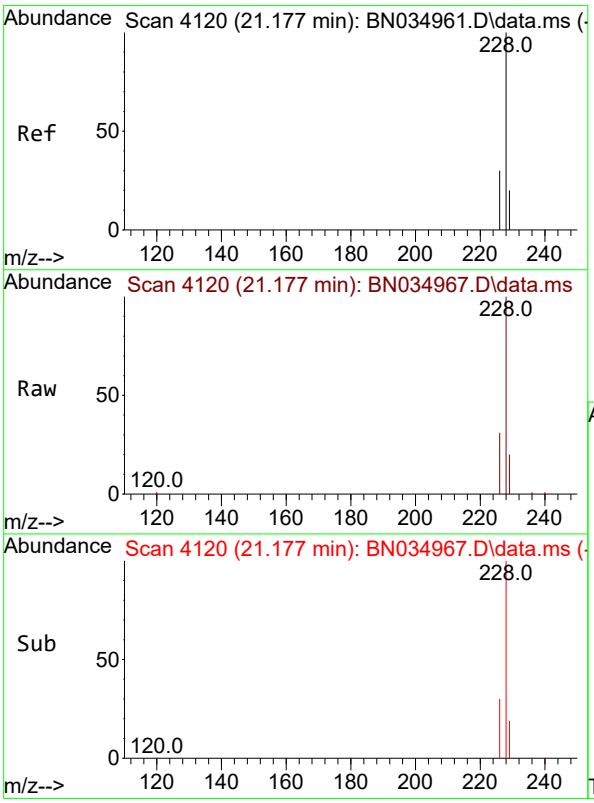
#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.125 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:228 Resp: 14845

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.5	22.2	33.2

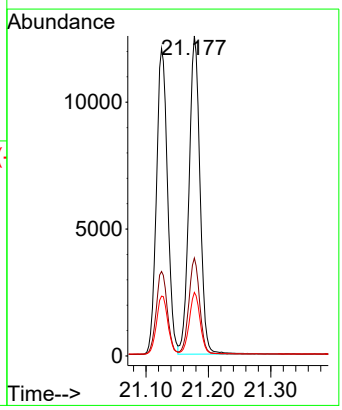


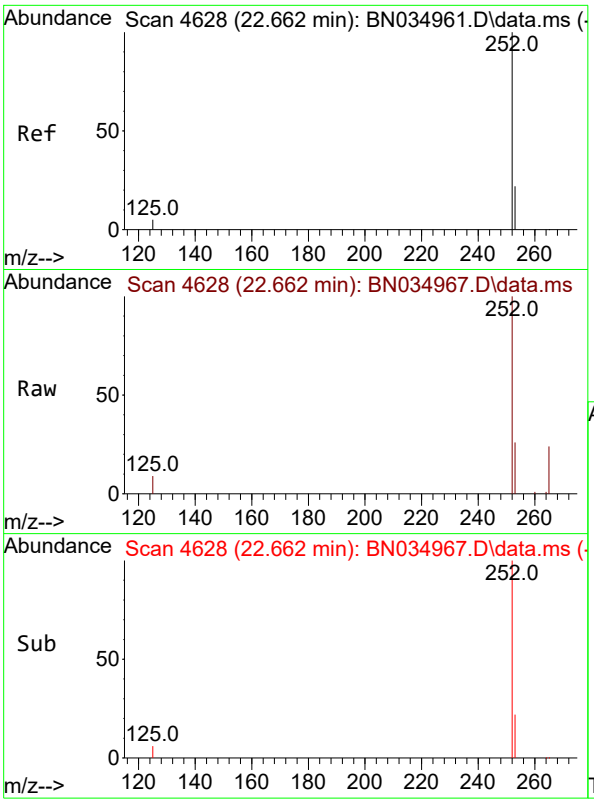


#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:228 Resp: 15273

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.9	15.4	23.2



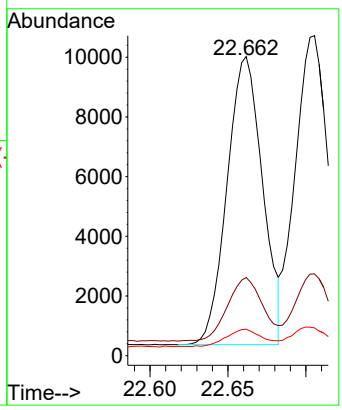


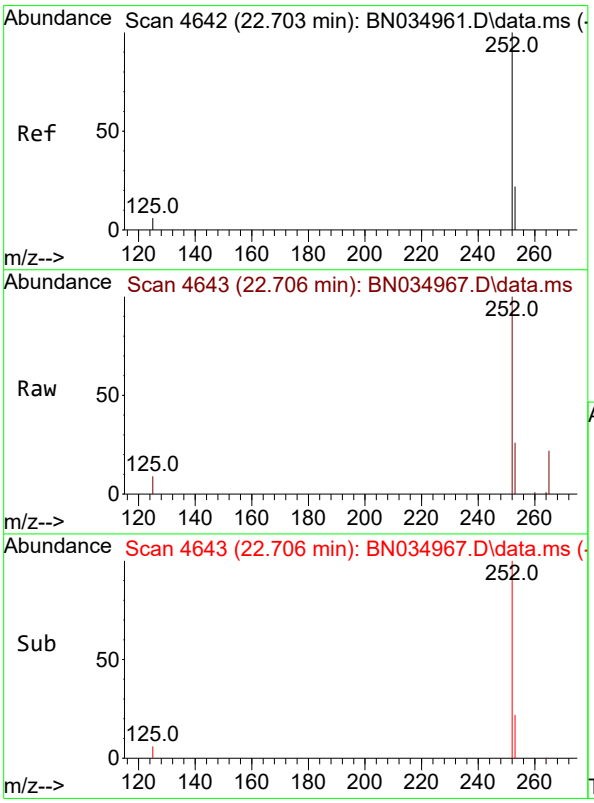
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 22.662 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:252 Resp: 15285

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	50.0
125	8.8	0.0	14.0

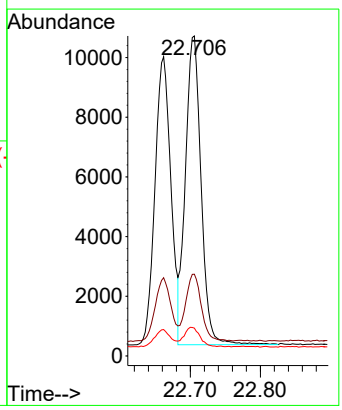


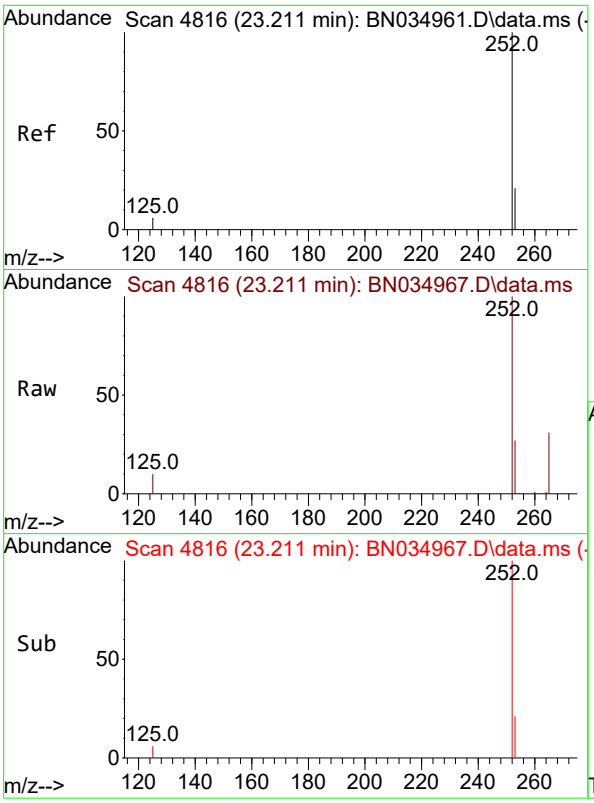


#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.006 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:252 Resp: 16104

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.2	30.4
125	8.7	5.8	8.8



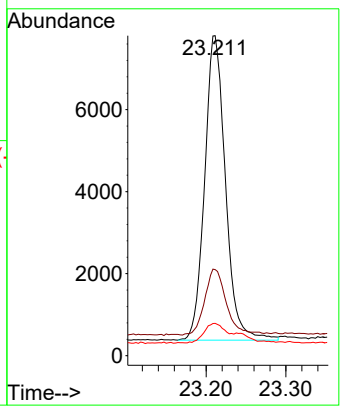


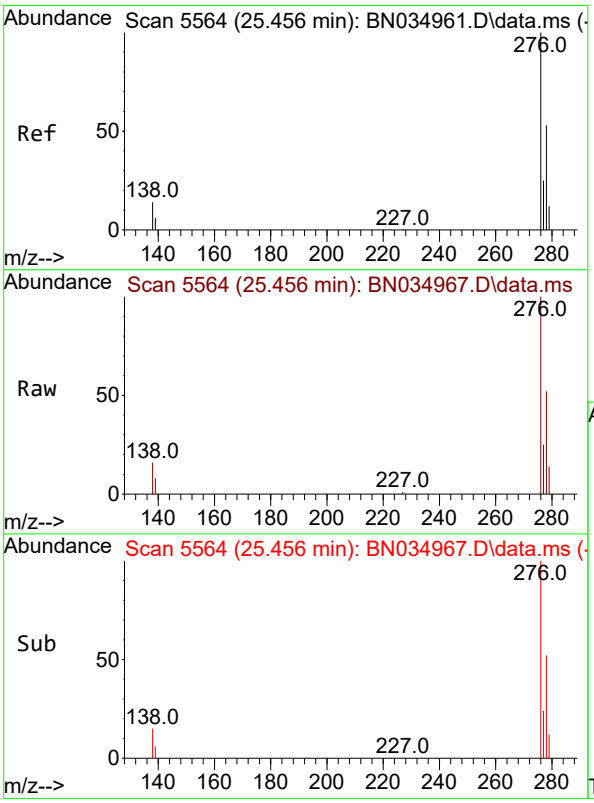
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.211 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:252 Resp: 13479

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.2	31.8
125	10.1	6.3	9.5#

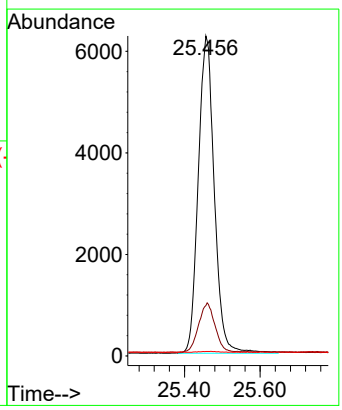


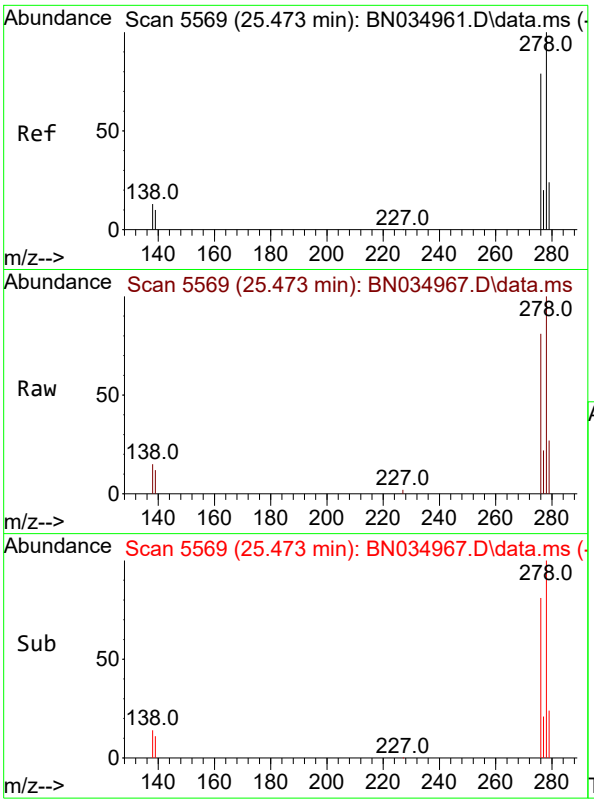


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.456 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:276 Resp: 18383

Ion	Ratio	Lower	Upper
276	100		
138	16.1	10.8	16.2
227	0.3	0.2	0.4



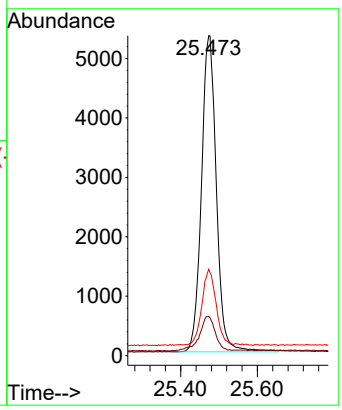


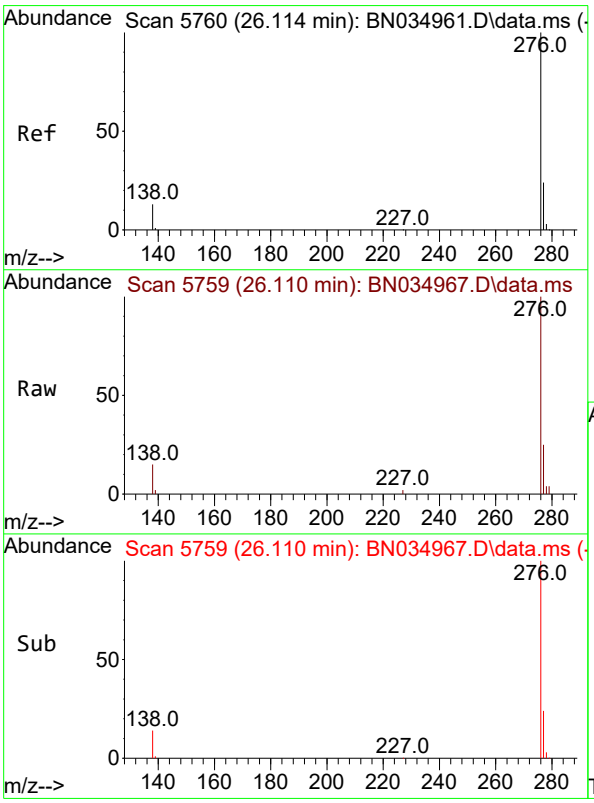
#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.473 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Instrument :
BNA_N
ClientSampleId :
GCP83MS

Tgt Ion:278 Resp: 14452

Ion	Ratio	Lower	Upper
278	100		
139	12.3	8.4	12.6
279	27.0	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.110 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BN034967.D
Acq: 10 Nov 2024 07:23

Tgt Ion:276 Resp: 14238

Ion	Ratio	Lower	Upper
276	100		
138	15.3	10.3	15.5
277	25.1	20.2	30.2