Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Quant Time: Jul 02 23:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8967	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	28827	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17720	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.105	188	1305622	0.400	ng/ul	0.08
17) Chrysene-d12	21.361	240	204	0.400	ng/ul	# 0.13
23) Perylene-d12	23.567	264	3838	0.400	ng/ul	# 0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	26587	2.667	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	9499	0.220	ng/ul	-0.02
18) Fluoranthene-d10	19.203	212	175	0.285	ng/ul	0.14
Target Compounds						Qvalue
5) Naphthalene	10.431	128	55297	0.725	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	24841	0.491	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	18420	0.351	ng/ul	98
10) Acenaphthylene	13.971	152	96649	1.311	ng/ul	99
11) Acenaphthene	14.313	153	45044	0.788	ng/ul	98
12) Fluorene	15.308	166	53237	0.781	ng/ul	98
15) Phenanthrene	17.139	178	212663	0.059	ng/ul	99
19) Fluoranthene	19.227	202	57248	73.696	ng/ul	97
20) Pyrene	19.603	202	4125	5.081	ng/ul#	54
21) Benzo(a)anthracene	21.366	228	61818	83.958	ng/ul#	48
22) Chrysene	21.366	228	62387	77.198	ng/ul#	51
24) Benzo(b)fluoranthene	22.936	252	142681	8.557	ng/ul	92
25) Benzo(k)fluoranthene	22.936	252	149912	9.253	ng/ul	93
26) Benzo(a)pyrene	23.477	252	48037	4.141	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.774	276	10904	0.600	ng/ul#	10
28) Dibenzo(a,h)anthracene	25.925	278	98755	7.317	ng/ul	94
29) Benzo(g,h,i)perylene	26.562	276	5003	0.346	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
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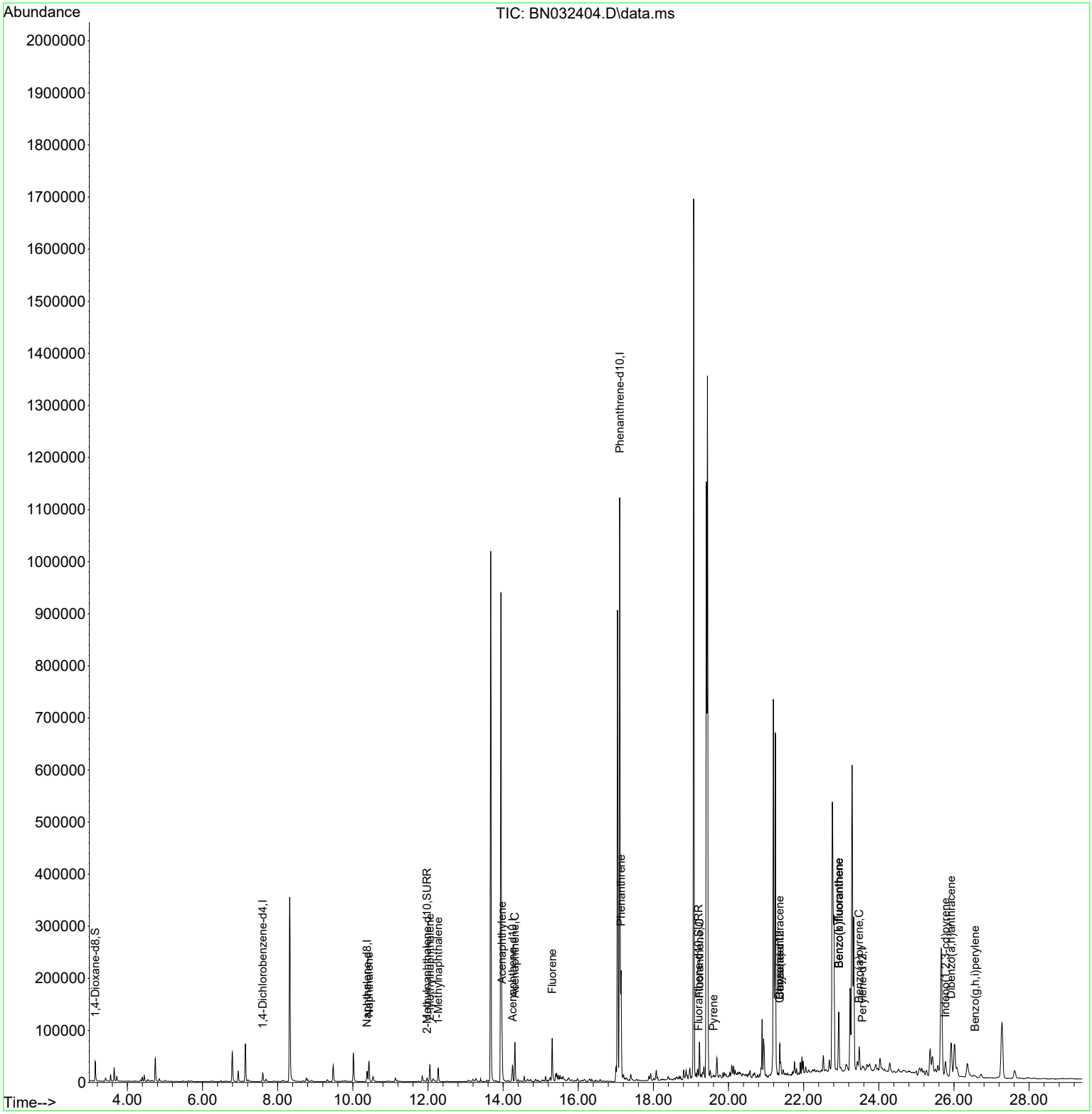
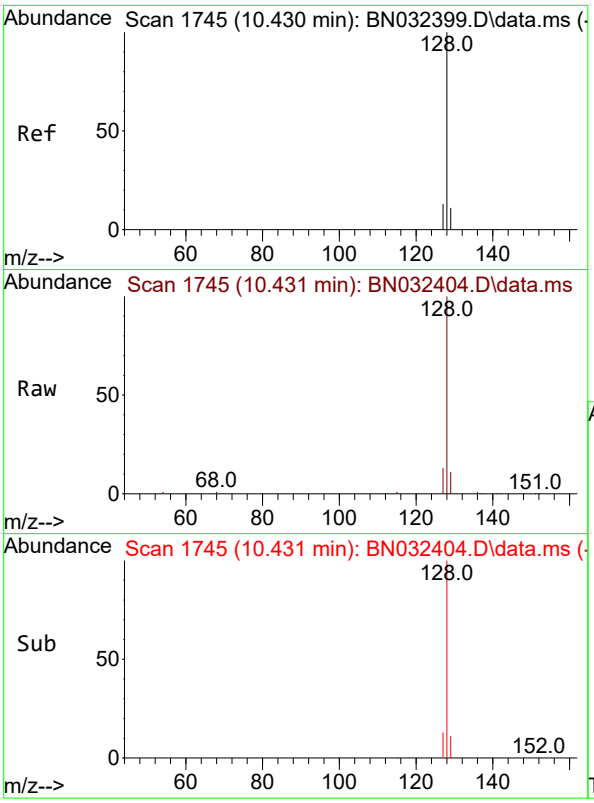
Quant Time: Jul 02 23:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



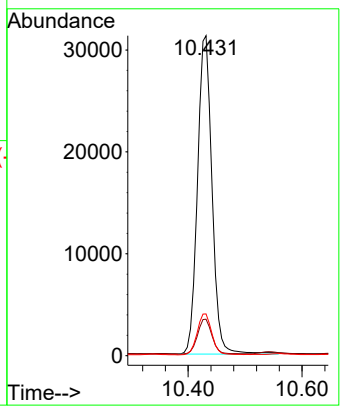


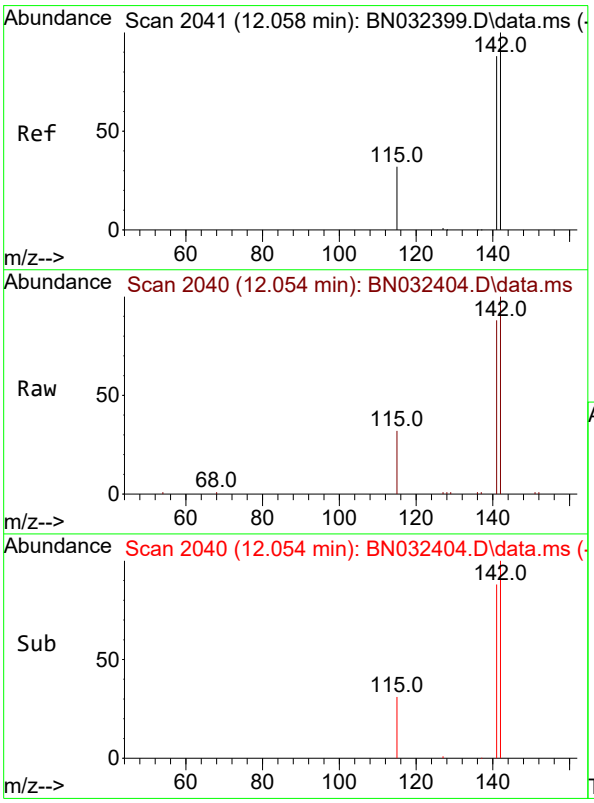
#5
Naphthalene
Concen: 0.725 ng/ul
RT: 10.431 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:128 Resp: 55297

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.1	10.8	16.2

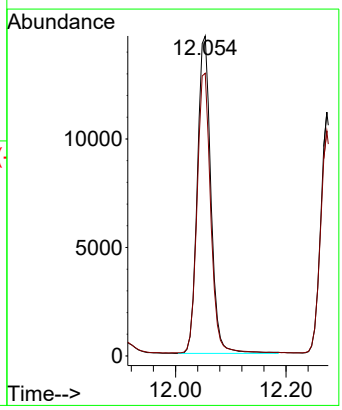


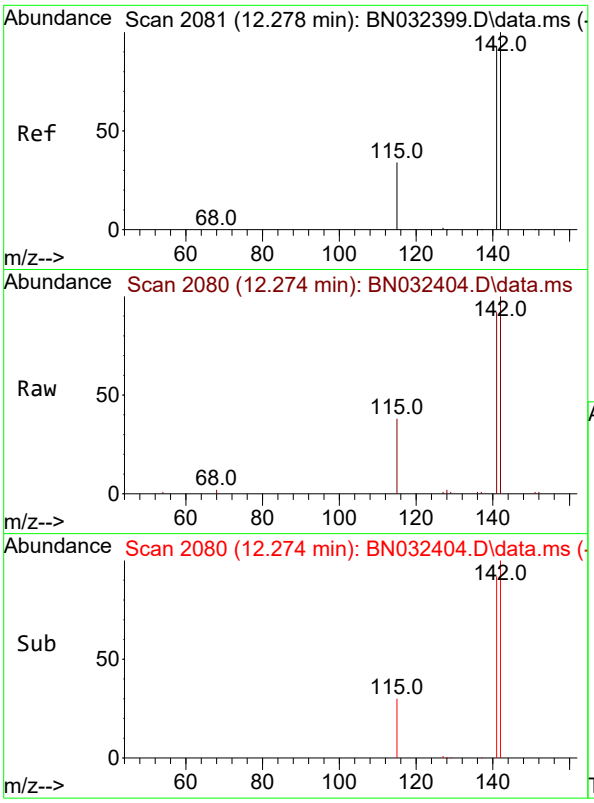


#7
2-Methylnaphthalene
Concen: 0.491 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:142 Resp: 24841

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2



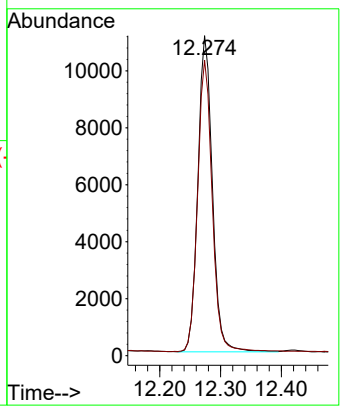


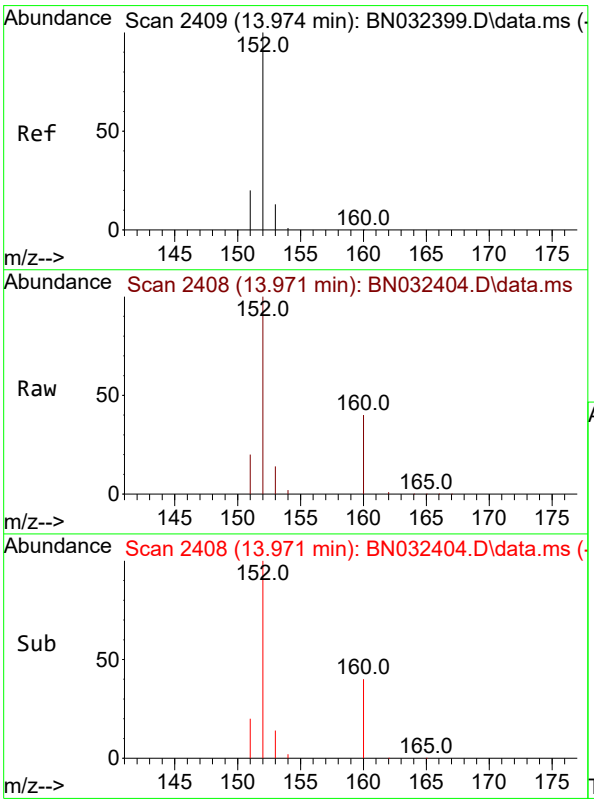
#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.274 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:142 Resp: 18420

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.0

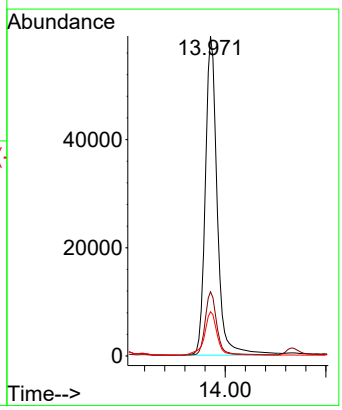


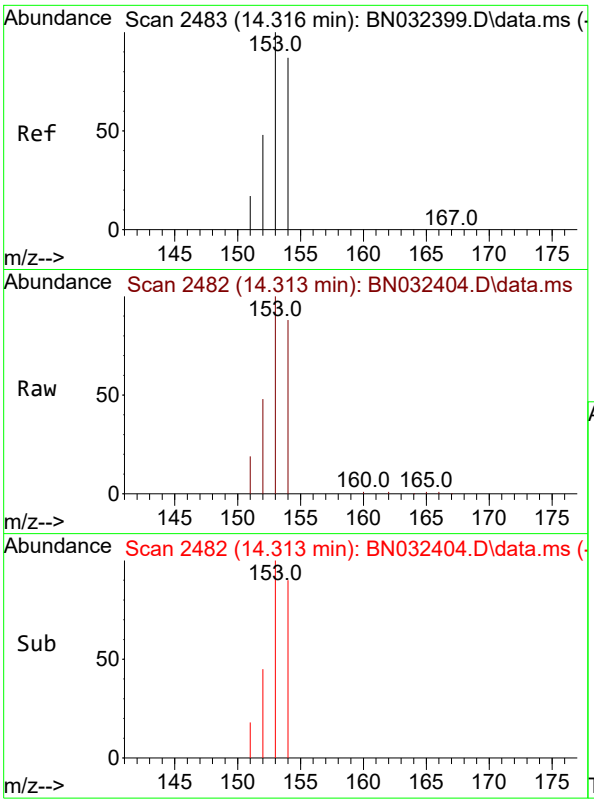


#10
Acenaphthylene
Concen: 1.311 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:152 Resp: 96649

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.8	10.9	16.3



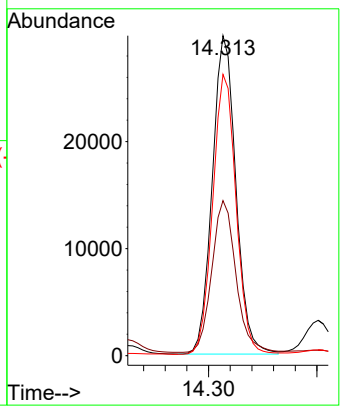


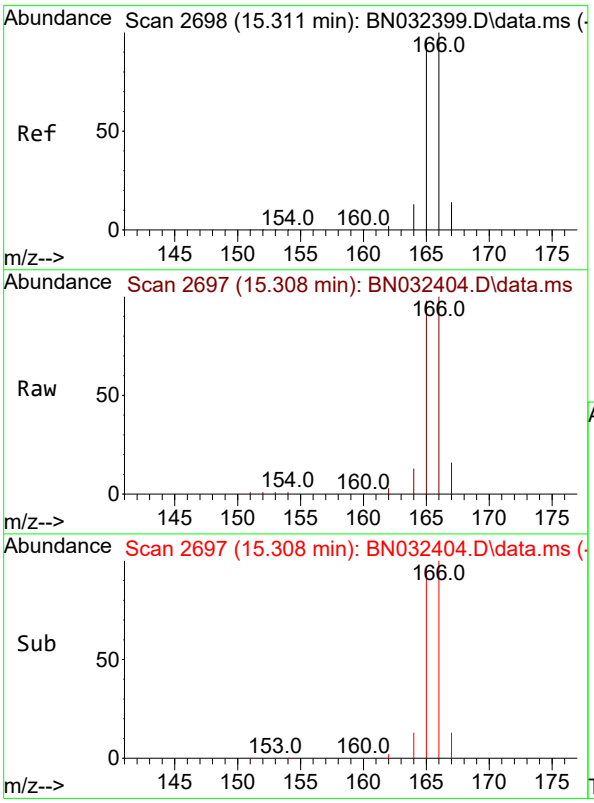
#11
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.313 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:153 Resp: 45044

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.5	59.3
154	87.9	71.7	107.5

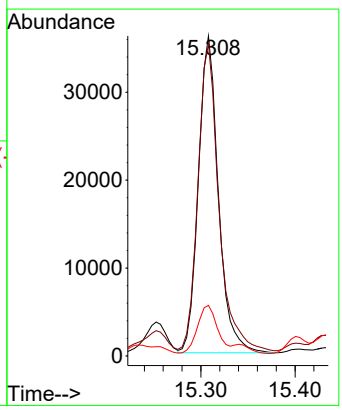


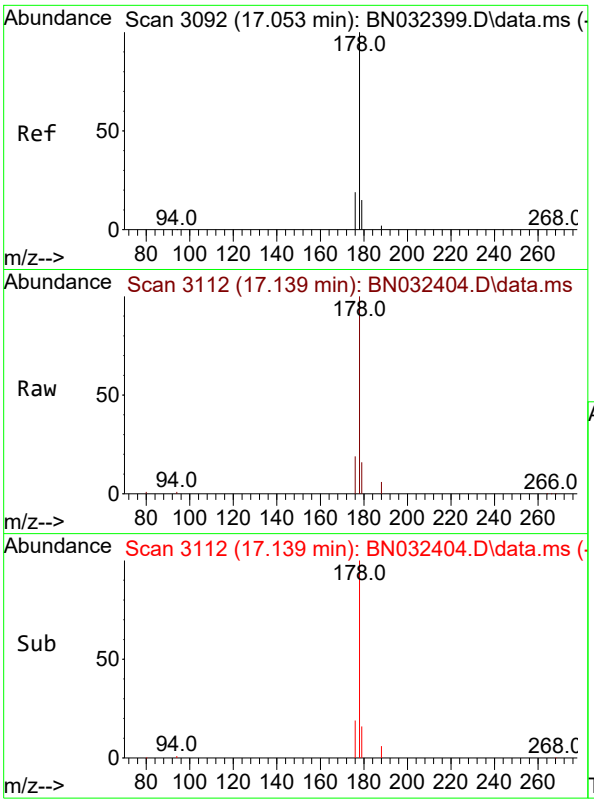


#12
Fluorene
Concen: 0.781 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.018 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:166 Resp: 53237

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.6
167	15.8	11.0	16.6



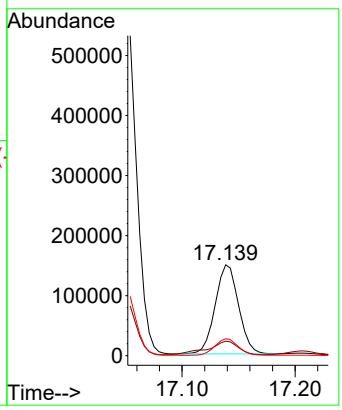


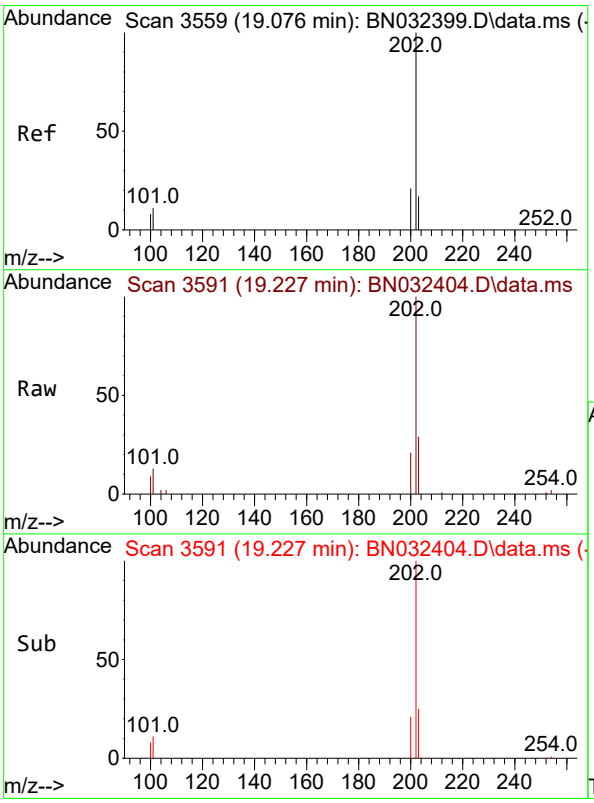
#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.139 min Scan# 3
Delta R.T. 0.072 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:178 Resp: 212663

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.7	15.6	23.4

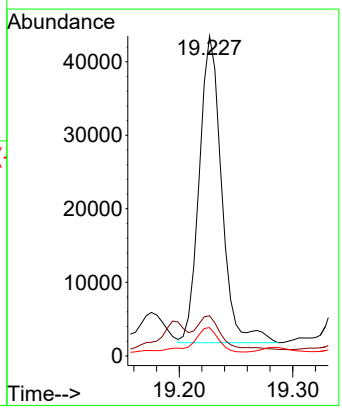


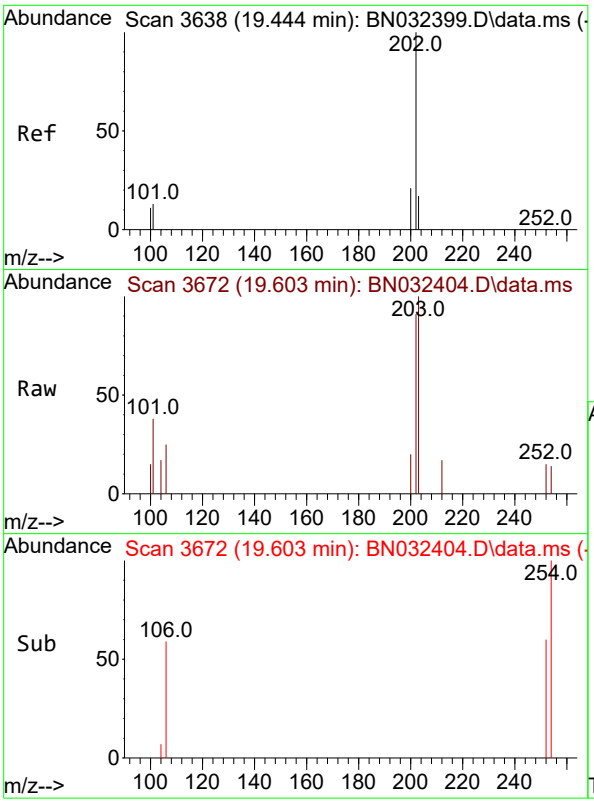


#19
Fluoranthene
Concen: 73.696 ng/ul
RT: 19.227 min Scan# 3591
Delta R.T. 0.135 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:202 Resp: 57248

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.8	13.2
100	8.9	6.4	9.6



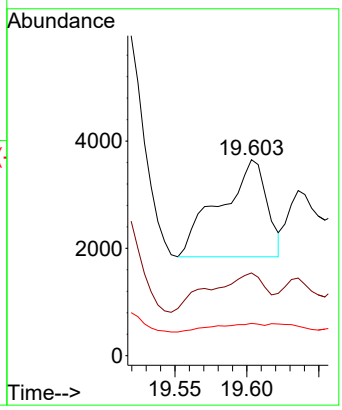


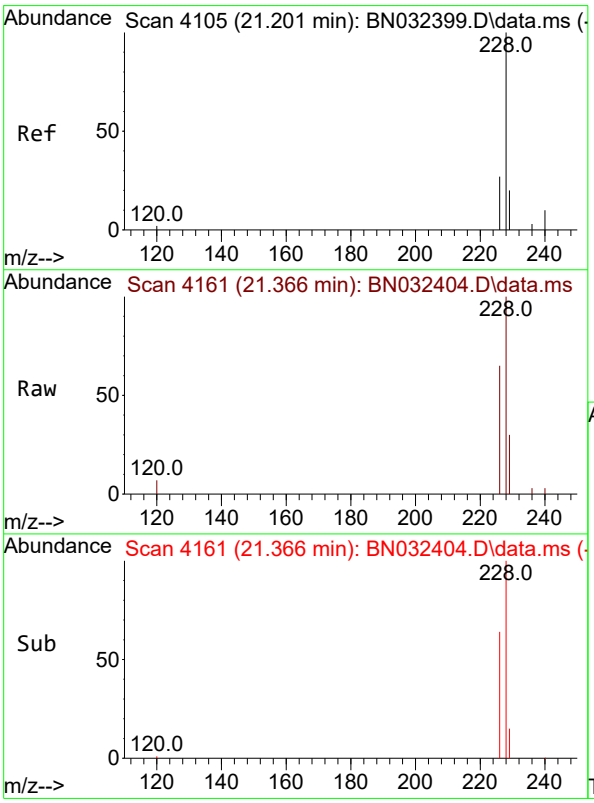
#20
Pyrene
Concen: 5.081 ng/ul
RT: 19.603 min Scan# 3
Delta R.T. 0.149 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:202 Resp: 4125

Ion	Ratio	Lower	Upper
202	100		
101	42.2	11.0	16.4#
100	16.5	8.7	13.1#

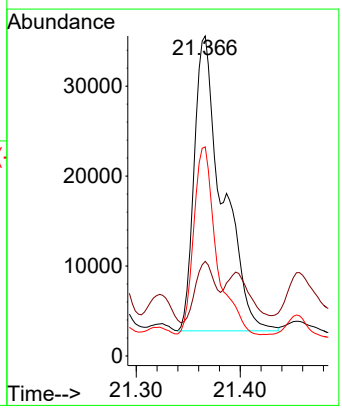


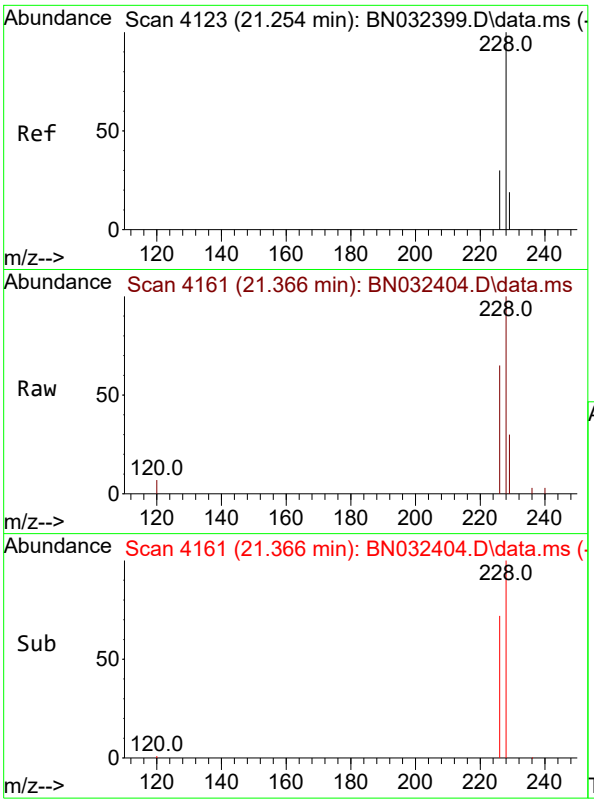


#21
Benzo(a)anthracene
Concen: 83.958 ng/ul
RT: 21.366 min Scan# 4161
Delta R.T. 0.152 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:228 Resp: 61818

Ion	Ratio	Lower	Upper
228	100		
229	29.6	15.7	23.5#
226	65.4	21.8	32.8#



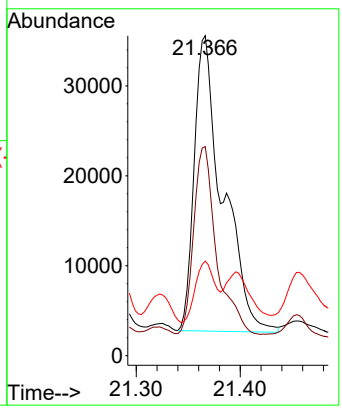


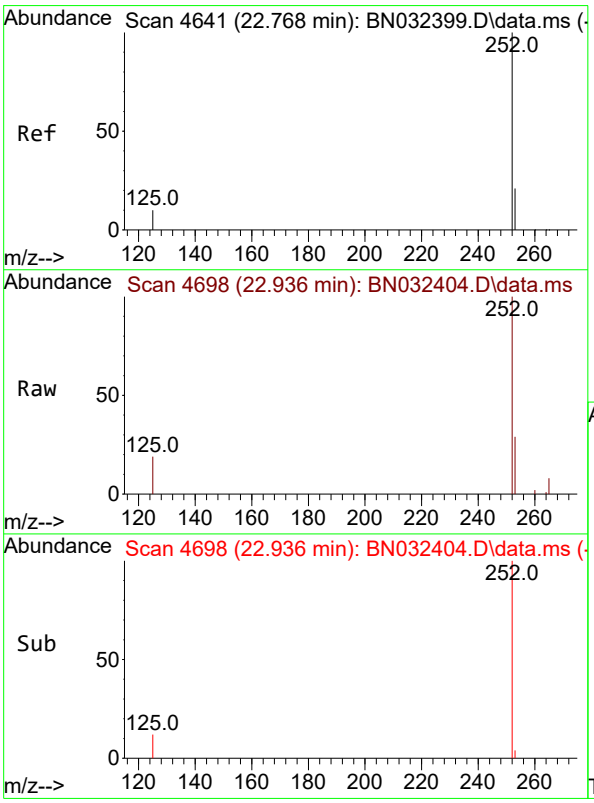
#22
Chrysene
Concen: 77.198 ng/ul
RT: 21.366 min Scan# 4
Delta R.T. 0.099 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:228 Resp: 62387

Ion	Ratio	Lower	Upper
228	100		
226	65.4	23.6	35.4#
229	29.6	15.7	23.5#

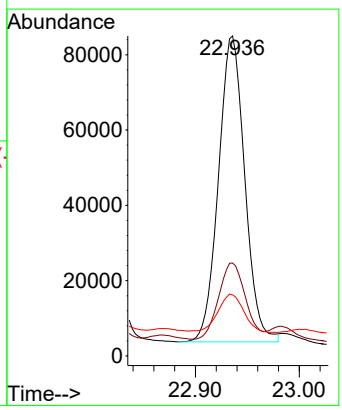


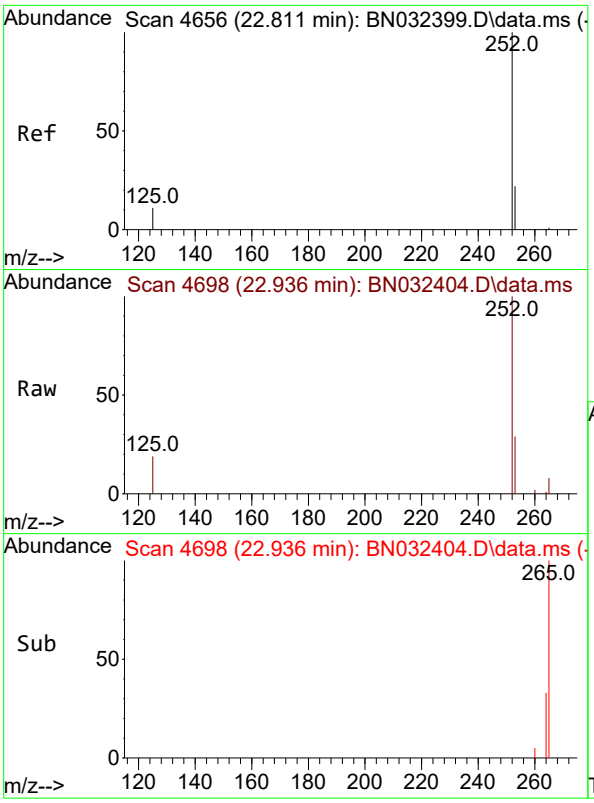


#24
Benzo(b)fluoranthene
Concen: 8.557 ng/ul
RT: 22.936 min Scan# 4698
Delta R.T. 0.152 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:252 Resp: 142681

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	50.2
125	19.1	0.0	32.0



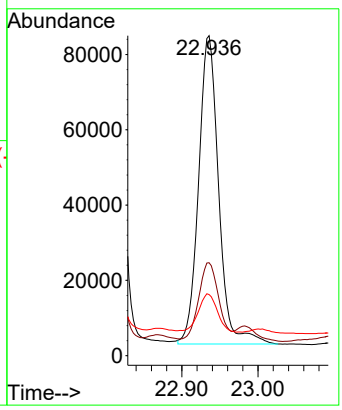


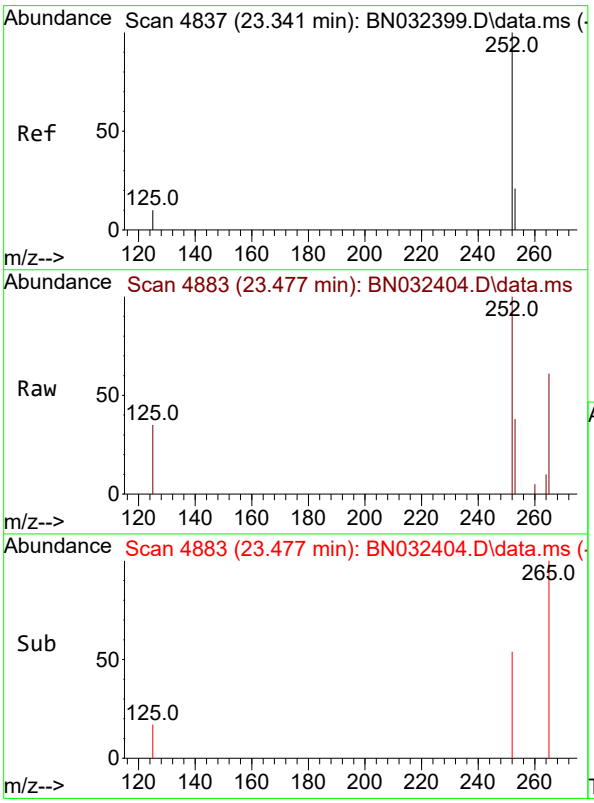
#25
Benzo(k)fluoranthene
Concen: 9.253 ng/ul
RT: 22.936 min Scan# 4
Delta R.T. 0.108 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:252 Resp: 149912

Ion	Ratio	Lower	Upper
252	100		
253	29.1	20.3	30.5
125	19.1	12.8	19.2

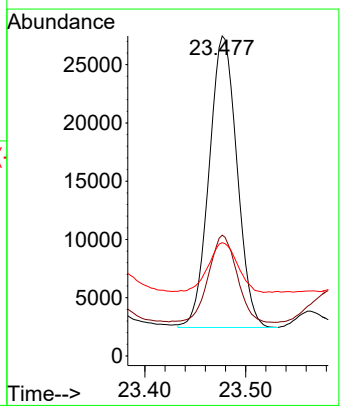


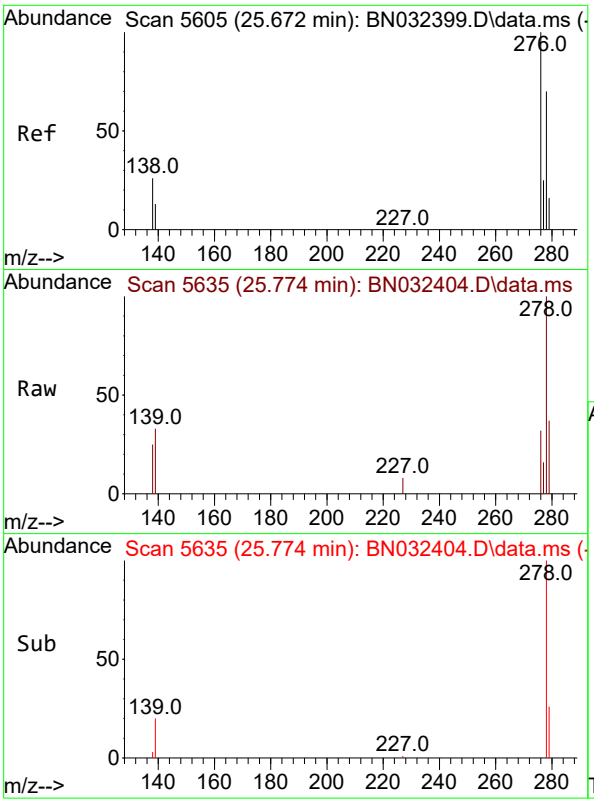


#26
Benzo(a)pyrene
Concen: 4.141 ng/ul
RT: 23.477 min Scan# 4883
Delta R.T. 0.117 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:252 Resp: 48037

Ion	Ratio	Lower	Upper
252	100		
253	37.8	22.2	33.2#
125	35.4	16.4	24.6#



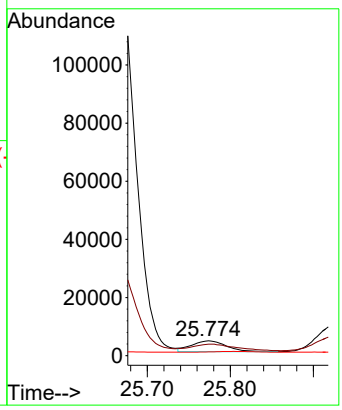


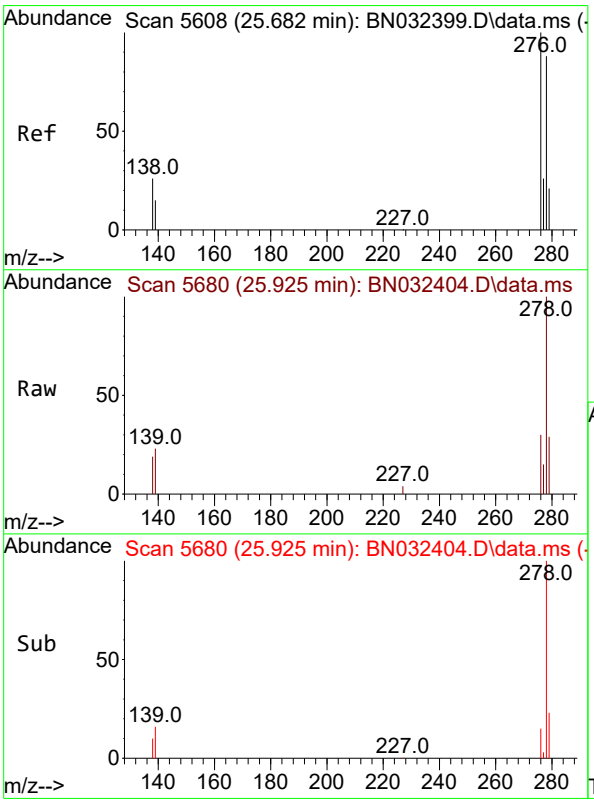
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.600 ng/ul
RT: 25.774 min Scan# 5
Delta R.T. 0.074 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:276 Resp: 10904

Ion	Ratio	Lower	Upper
276	100		
138	73.0	21.3	31.9#
227	0.0	0.1	0.1#

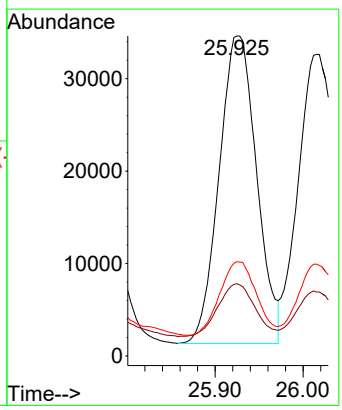


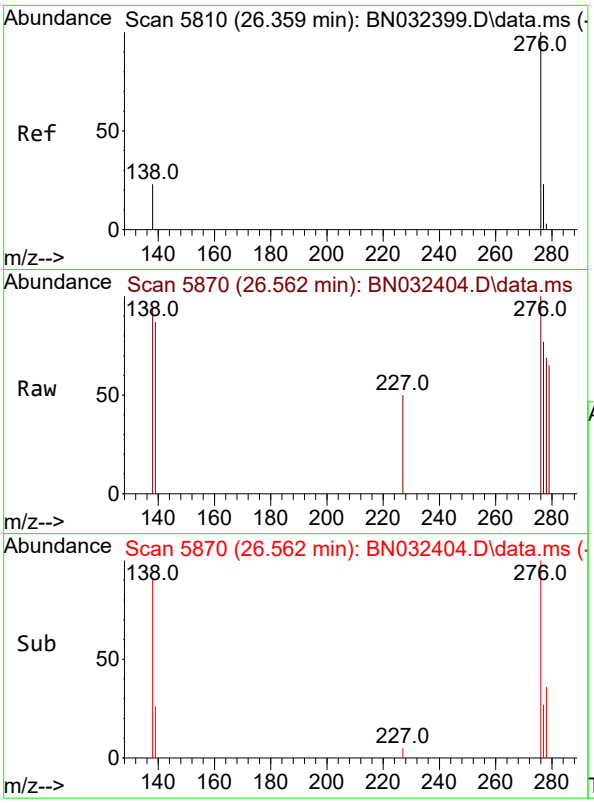


#28
Dibenzo(a,h)anthracene
Concen: 7.317 ng/ul
RT: 25.925 min Scan# 5680
Delta R.T. 0.215 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Tgt Ion:278 Resp: 98755

Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	29.4	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 26.562 min Scan# 5
Delta R.T. 0.181 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :
A4C57

Tgt Ion:276 Resp: 5003

Ion	Ratio	Lower	Upper
276	100		
138	94.5	19.8	29.6#
277	76.7	19.8	29.6#