Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006585.D
Acq On : 26 Jun 2019 19:20
Operator : HP/JU
Sample : K3498-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AB4

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Quant Time: Jun 27 03:18:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	213151	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1018245	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	602639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1339311	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1239623	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1236049	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22296	4.09	ng/uL	-0.01
5) Phenol-d5	6.80	99	528284	23.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	326844	23.26	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	404558	24.17	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	359297	19.96	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	209537	25.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	240076	27.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	440721	25.83	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	387284	19.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1386877	26.26	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1670114	25.80	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	164059	18.18	ng/ul	0.00
57) Fluorene-d10	15.27	176	1218217	27.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	165975	19.58	ng/ul	0.00
70) Anthracene-d10	17.13	188	1887392	27.99	ng/ul	0.00
78) Pyrene-d10	19.45	212	2090984	28.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1954409	27.99	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	304603	6.256	ng/ul	99
69) Phenanthrene	17.07	178	758500	10.268	ng/ul	100
71) Anthracene	17.16	178	95190	1.269	ng/ul	99
76) Fluoranthene	19.10	202	1929850	24.240	ng/ul	99
79) Pyrene	19.47	202	1594541	18.893	ng/ul	100
82) Benzo(a)anthracene	21.25	228	861109	10.163	ng/ul	97
84) Chrysene	21.30	228	1091654	13.538	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	1387319	18.701	ng/ul	97
88) Benzo(k)fluoranthene	22.87	252	488835m	6.895	ng/ul	
90) Benzo(a)pyrene	23.40	252	823433	11.576	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	550935	6.545	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	140882	2.021	ng/ul#	78
93) Benzo(g,h,i)perylene	26.42	276	457584	6.454	ng/ul	99

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

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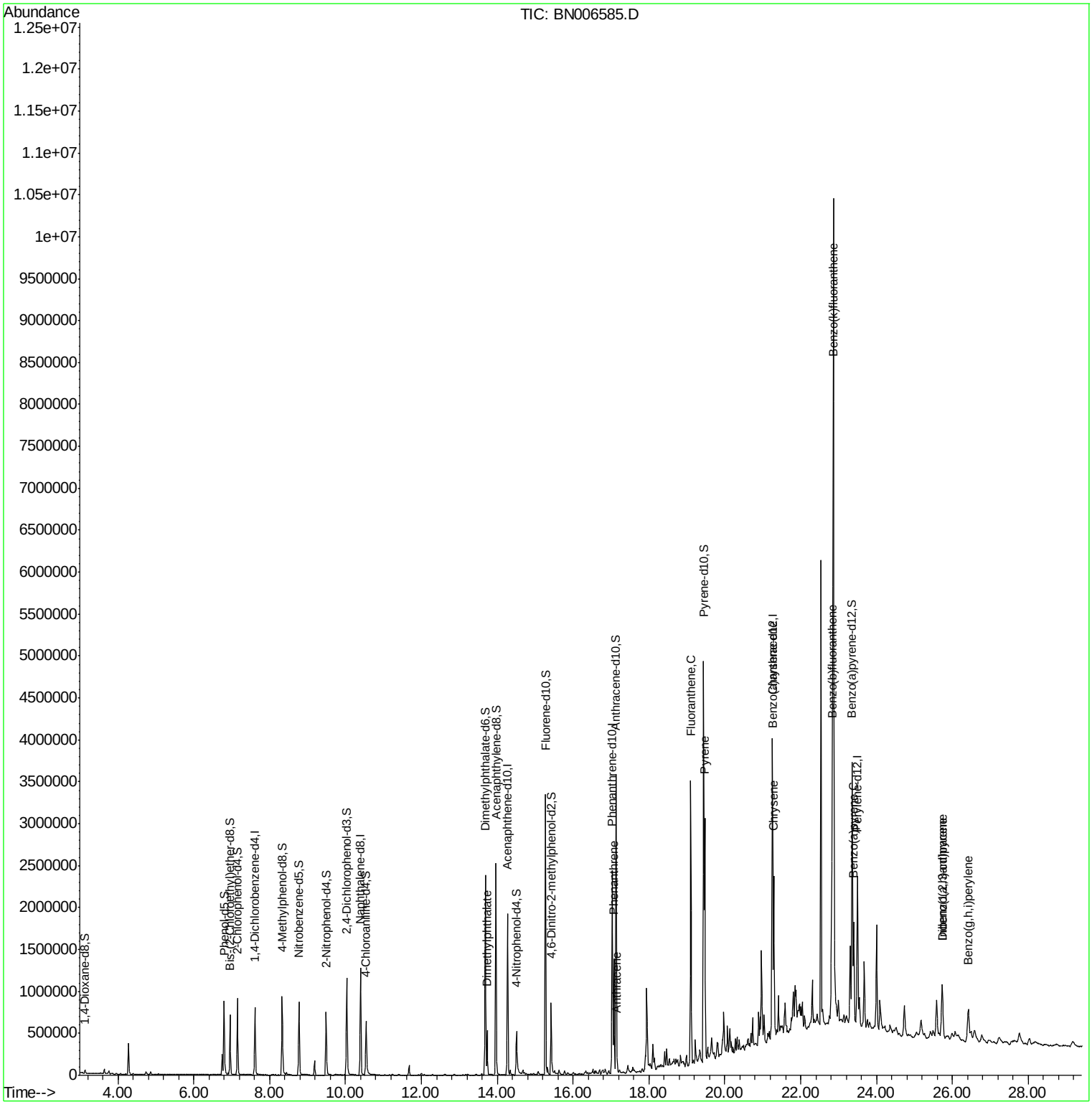
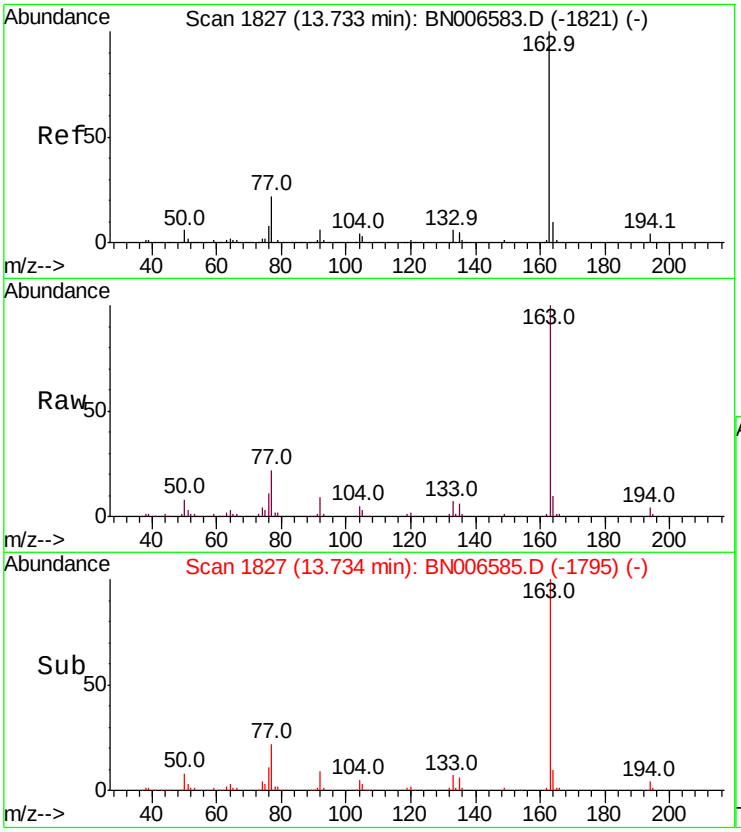
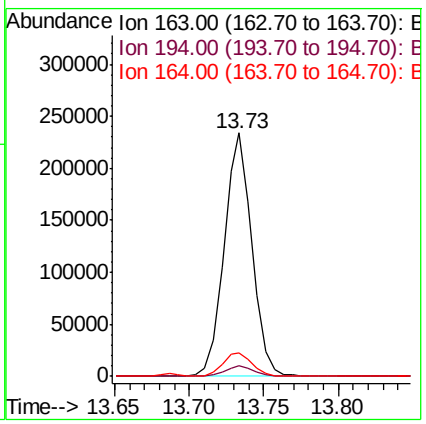




#44
Dimethylphthalate
Concen: 6.256 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:163 Resp: 304603

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.5	8.0	12.0



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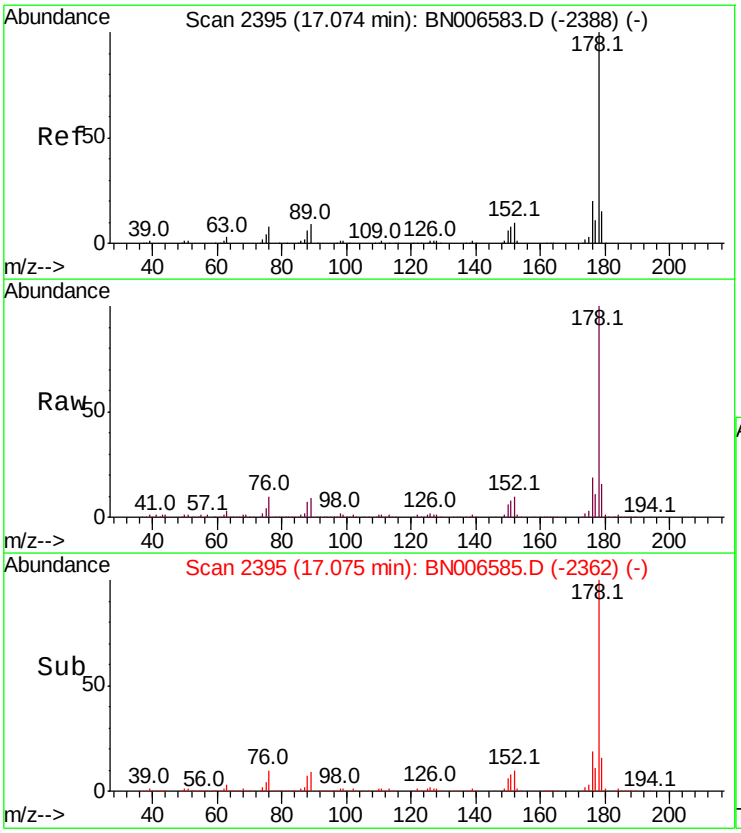
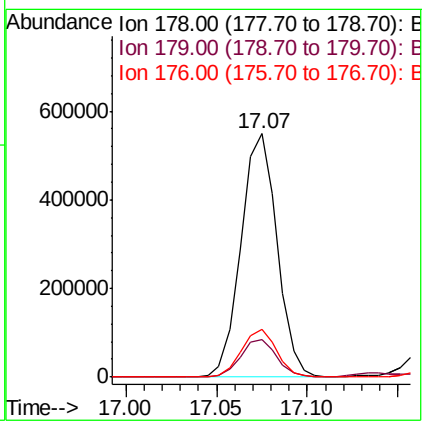
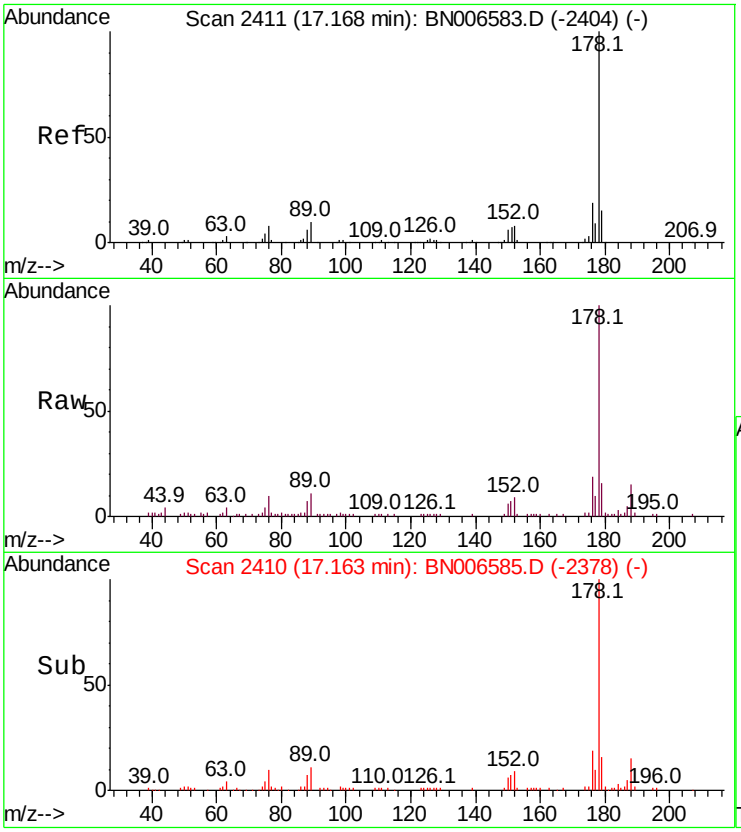


#69
Phenanthrene
Concen: 10.268 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:178 Resp: 758500

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.5	15.3	22.9

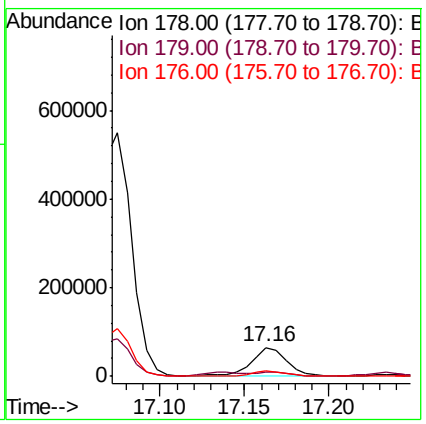




#71
Anthracene
Concen: 1.269 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:178 Resp: 95190

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	14.7	22.1



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ClientSampleId :
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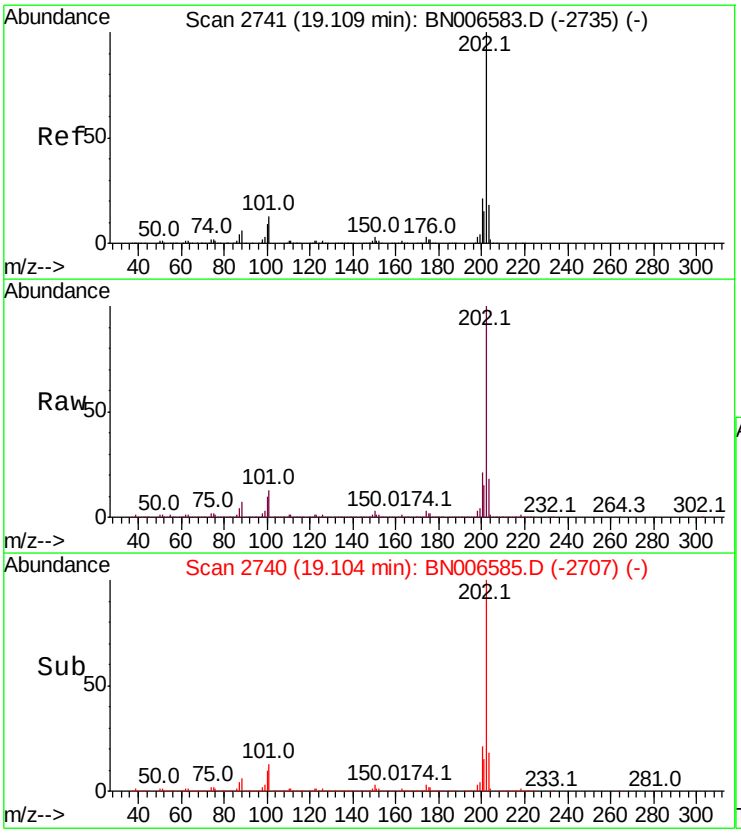
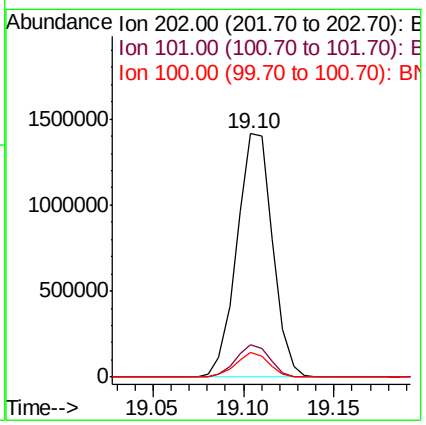
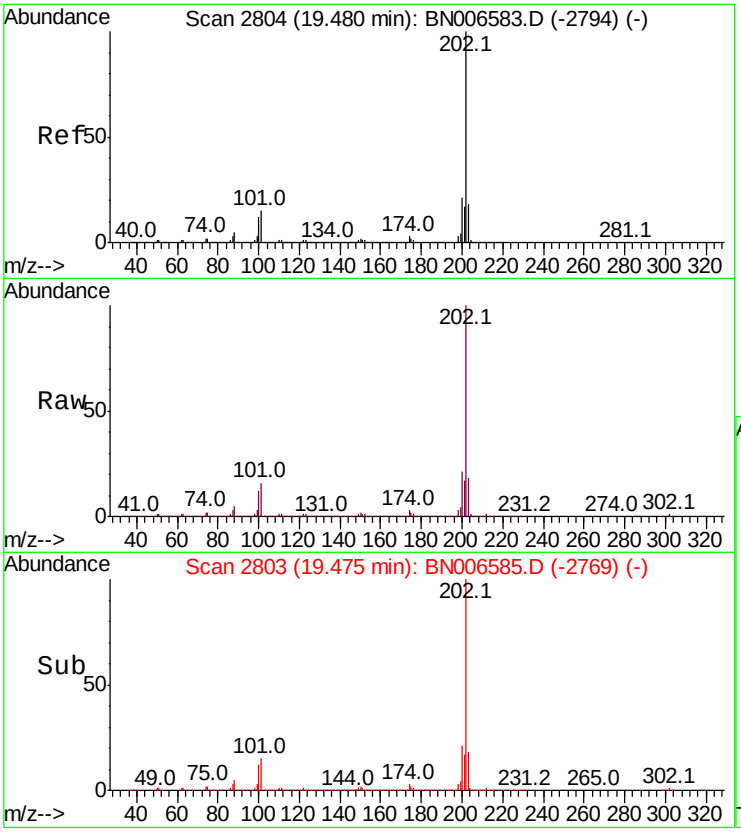


#76
Fluoranthene
Concen: 24.240 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:202 Resp: 1929850

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.5	15.7
100	9.9	7.6	11.4





#79
Pyrene
Concen: 18.893 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:202 Resp: 1594541

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.4
100	12.1	9.8	14.6

Instrument :
BNA_N
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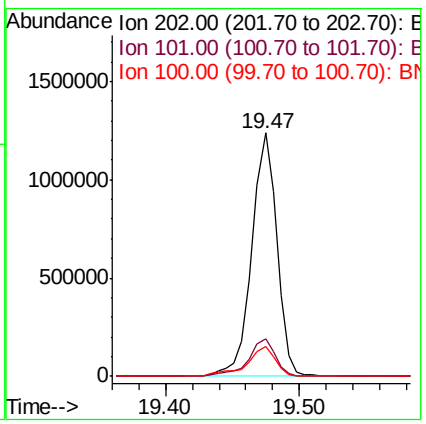
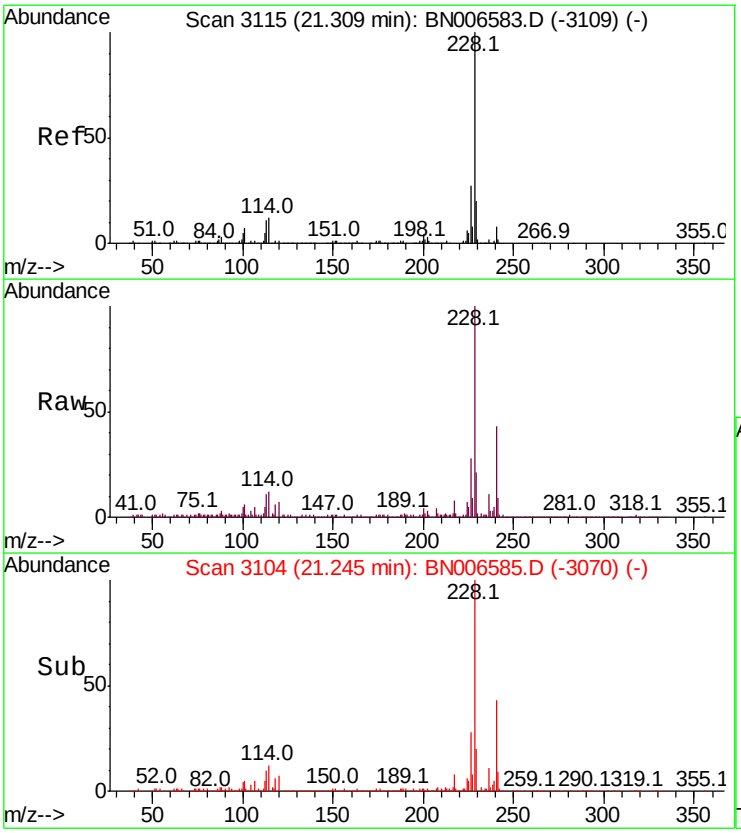
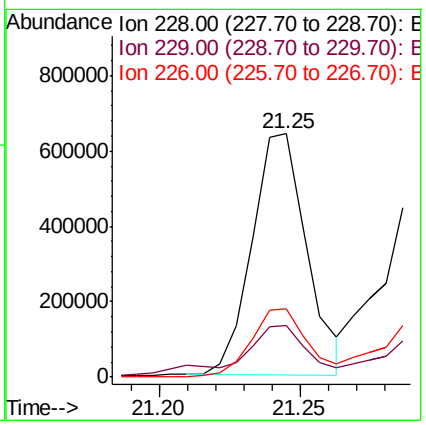


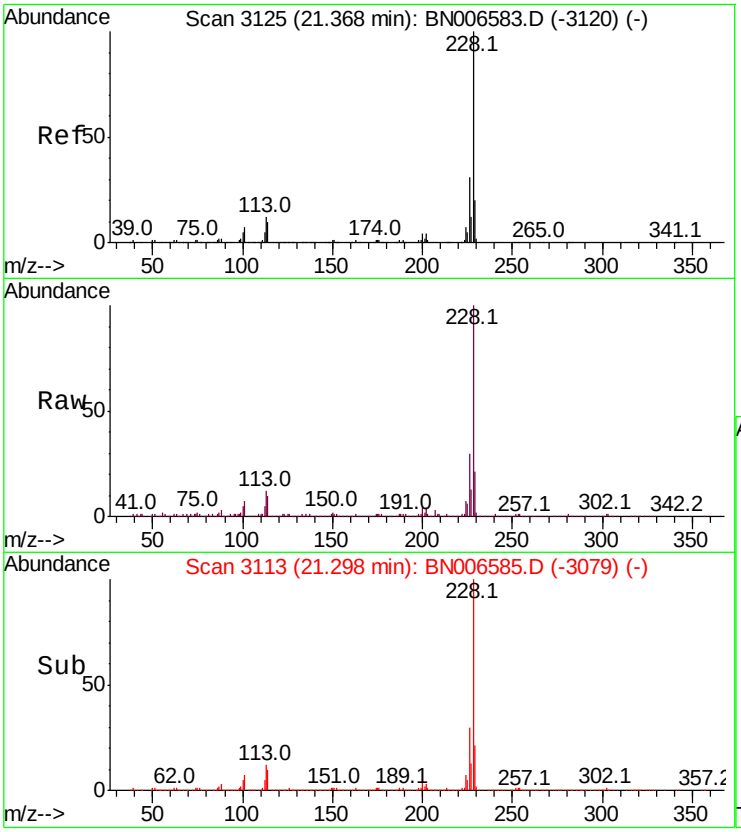


#82
Benzo(a)anthracene
Concen: 10.163 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:228 Resp: 861109

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.0	21.5	32.3

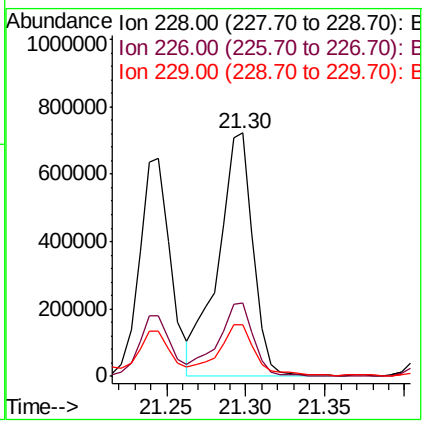




#84
Chrysene
Concen: 13.538 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:228 Resp: 1091654

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	21.1	15.9	23.9



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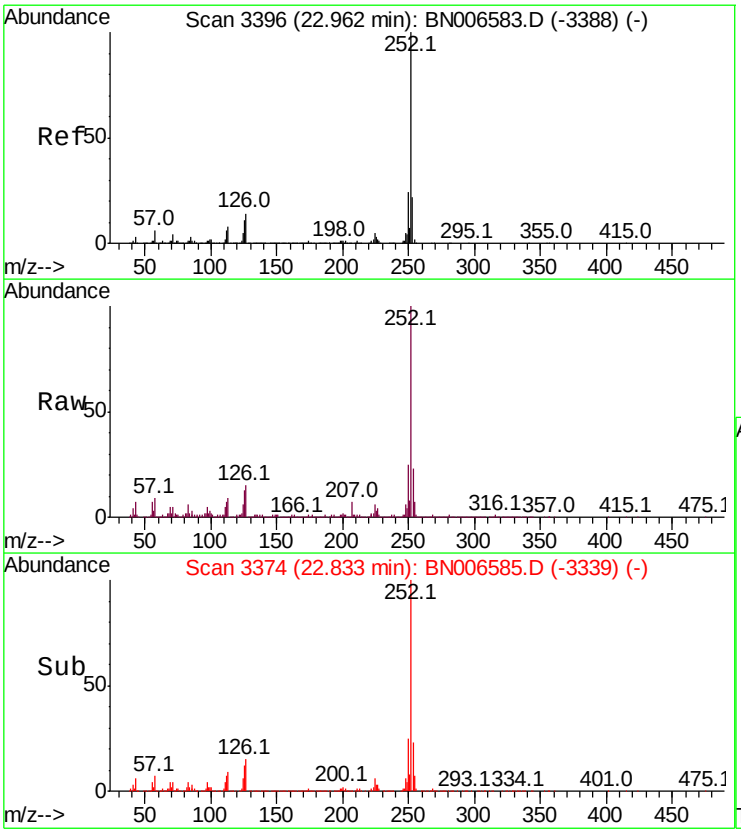
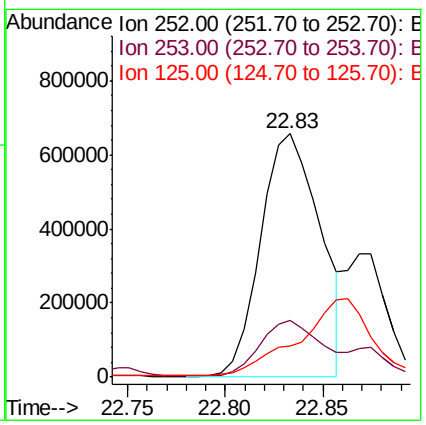
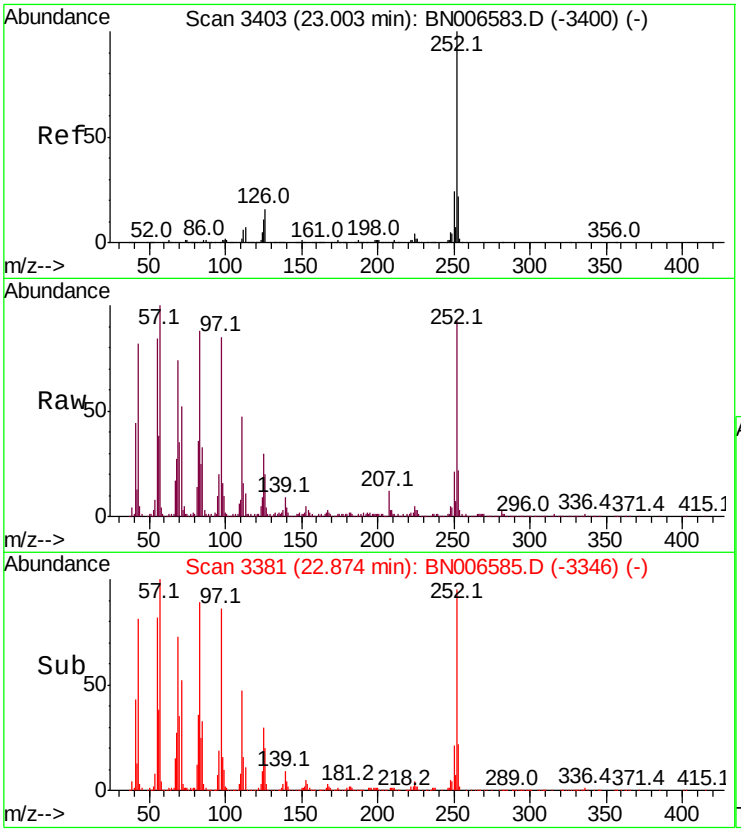


#87
Benzo(b)fluoranthene
Concen: 18.701 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:252 Resp: 1387319

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	12.9	9.0	13.6

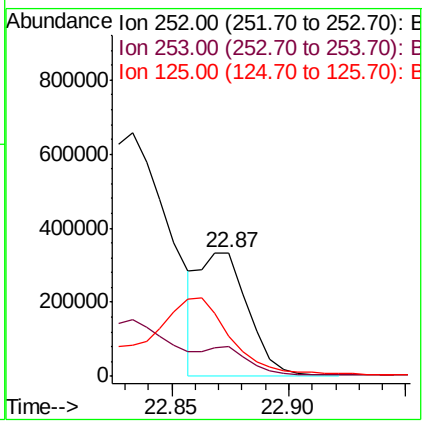




#88
Benzo(k)fluoranthene
Concen: 6.895 ng/ul m
RT: 22.87 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:252 Resp: 488835

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	32.8	9.1	13.7#



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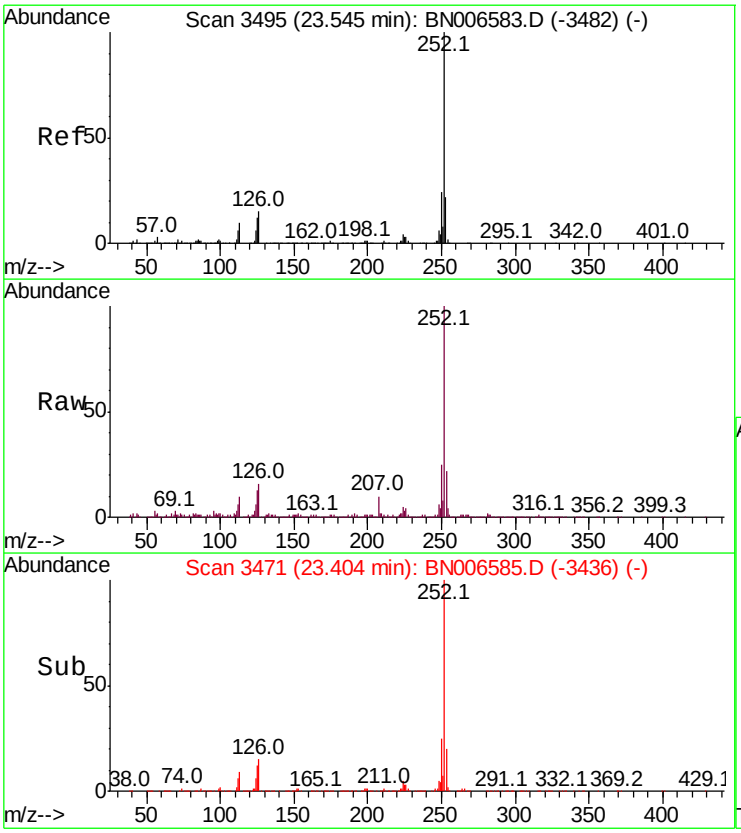
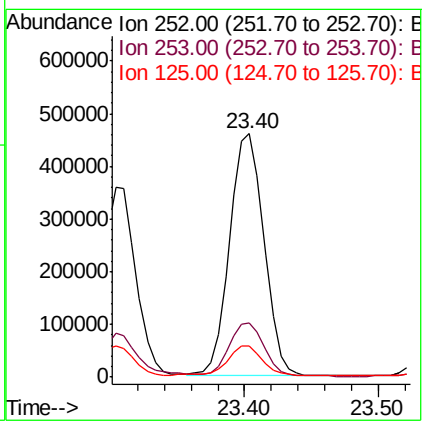
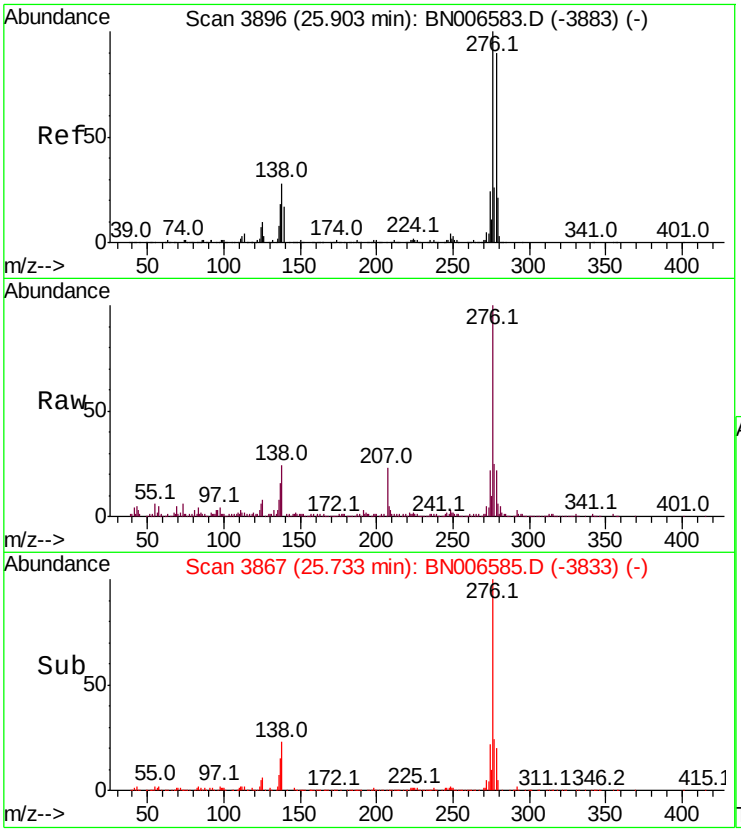


#90
Benzo(a)pyrene
Concen: 11.576 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:252 Resp: 823433

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.5	10.0	15.0

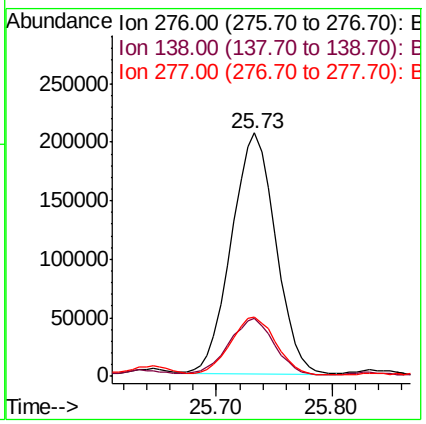




#91
Indeno(1,2,3-cd)pyrene
Concen: 6.545 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. -0.00 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:276 Resp: 550935

Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.2	33.4
277	24.6	20.2	30.4



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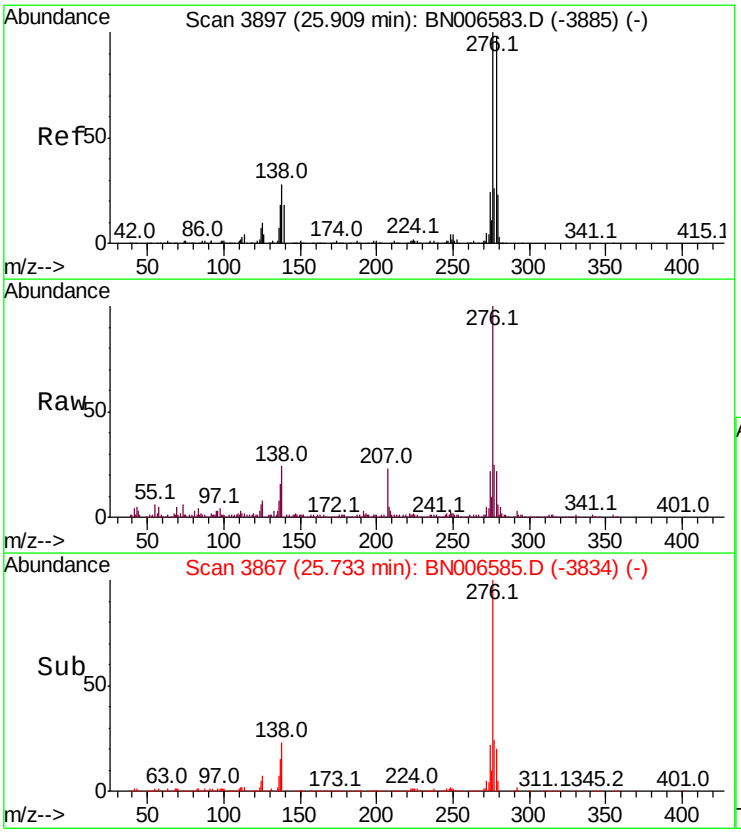
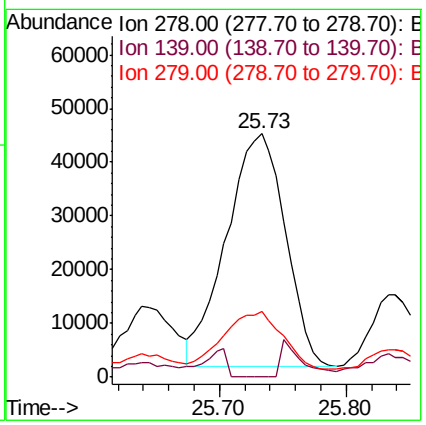
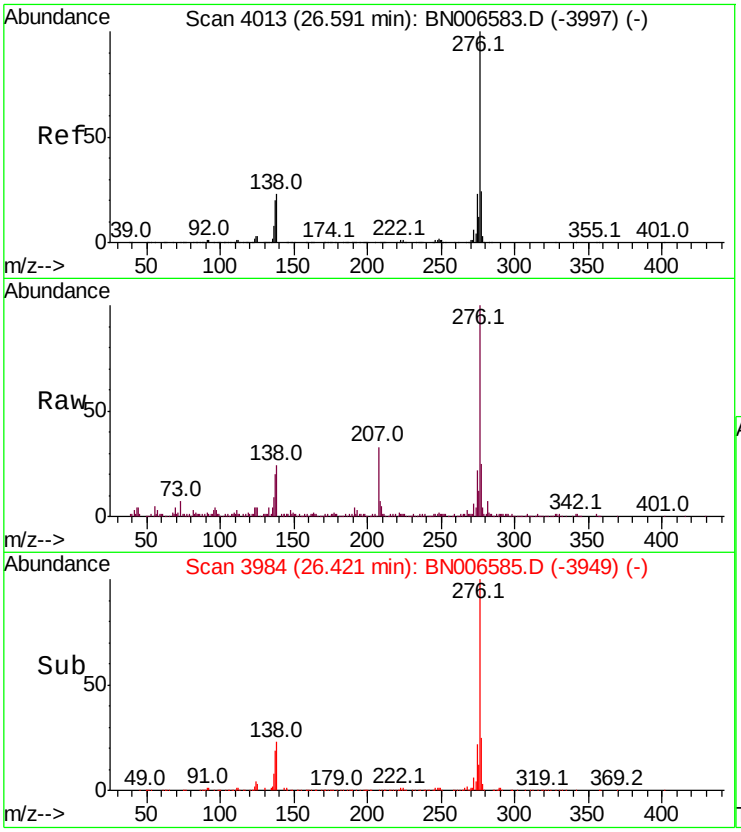


#92
Dibenzo(a,h)anthracene
Concen: 2.021 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:278 Resp: 140882

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	27.1	18.8	28.2

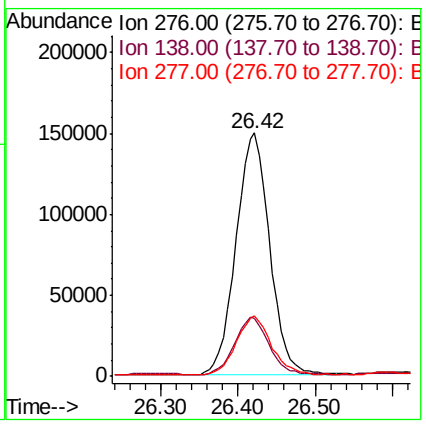




#93
Benzo(g,h,i)perylene
Concen: 6.454 ng/ul
RT: 26.42 min Scan# 3984
Delta R.T. 0.01 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:276 Resp: 457584

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.1	28.7
277	24.9	19.4	29.0



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