Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006587.D
Acq On : 26 Jun 2019 20:29
Operator : HP/JU
Sample : K3498-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AB5

Manual Integrations APPROVED
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6/27/2019 8:18:33 AM

Quant Time: Jun 27 03:27:39 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	226958	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1096401	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	647867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1386496	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1016904	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	962890	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	19855	3.42	ng/uL	-0.01
5) Phenol-d5	6.80	99	439369	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	285453	19.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	334353	18.76	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	314501	16.41	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	174190	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	199418	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	350574	19.08	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	428720	20.29	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1171665	20.63	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1368951	19.67	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	127035	13.09	ng/ul	0.00
57) Fluorene-d10	15.27	176	1003271	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	118945	13.56	ng/ul	0.00
70) Anthracene-d10	17.13	188	1458587	20.90	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1451463	24.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1081198	19.88	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	250005	4.776	ng/ul	100
69) Phenanthrene	17.07	178	374723	4.900	ng/ul	99
76) Fluoranthene	19.10	202	1095664	13.294	ng/ul	98
79) Pyrene	19.47	202	886106	12.798	ng/ul	98
82) Benzo(a)anthracene	21.23	228	460985	6.632	ng/ul	98
84) Chrysene	21.29	228	504112	7.621	ng/ul	99
87) Benzo(b)fluoranthene	22.82	252	605047	10.470	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	178861m	3.238	ng/ul	
90) Benzo(a)pyrene	23.39	252	352926	6.369	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	249520	3.805	ng/ul	94
92) Dibenzo(a,h)anthracene	25.71	278	63778m	1.174	ng/ul	
93) Benzo(g,h,i)perylene	26.39	276	191407	3.465	ng/ul	98

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

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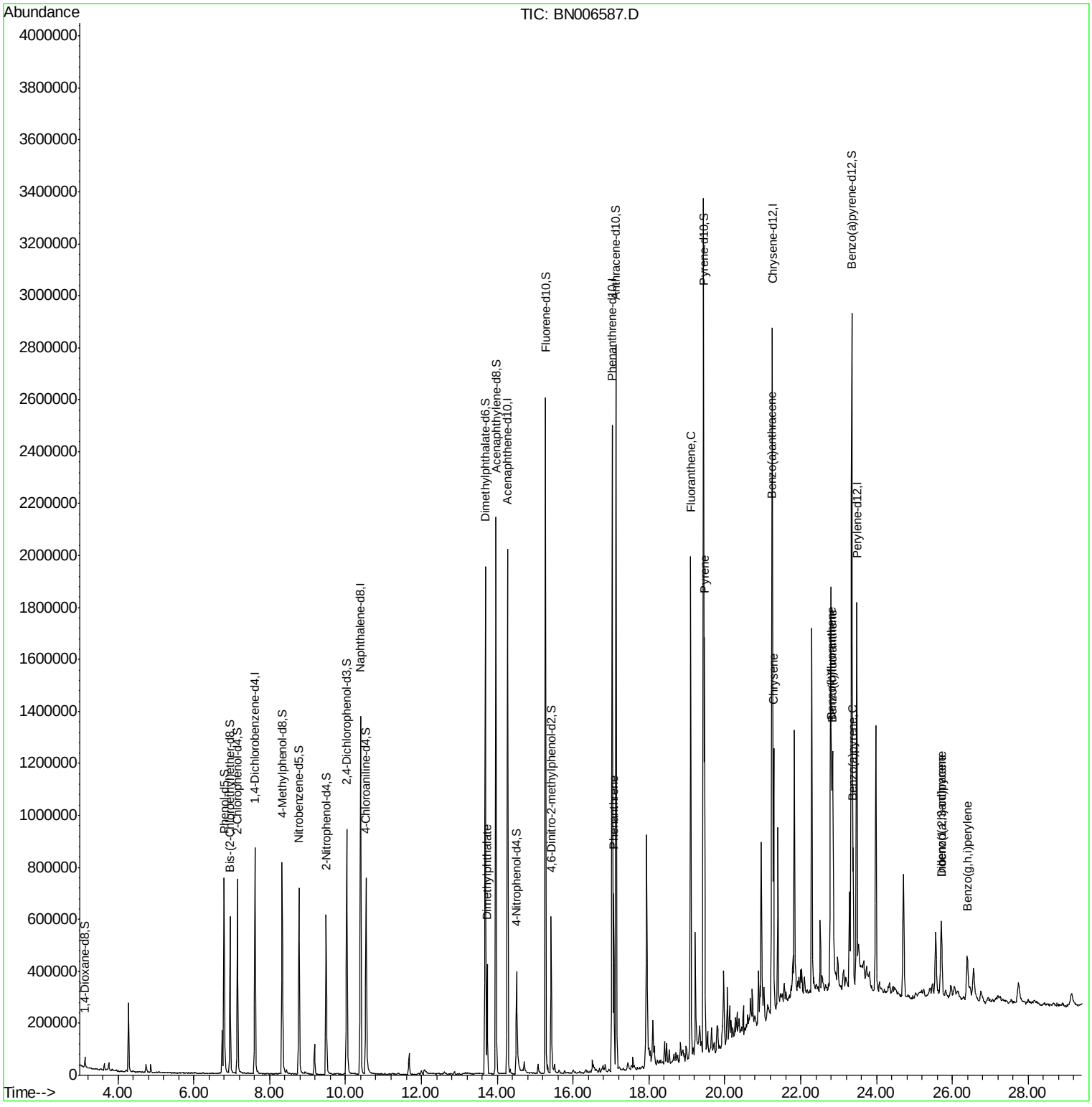
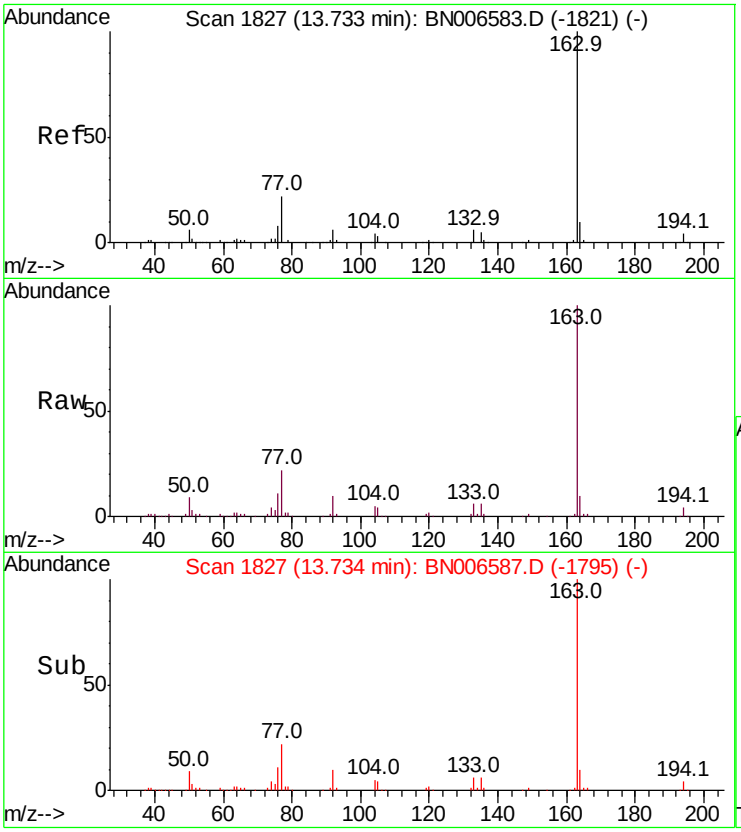
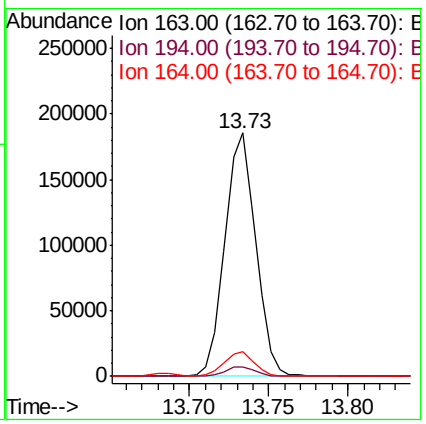




#44
Dimethylphthalate
Concen: 4.776 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:163 Resp: 250005

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.0	12.0



Instrument :
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ClientSampleId :
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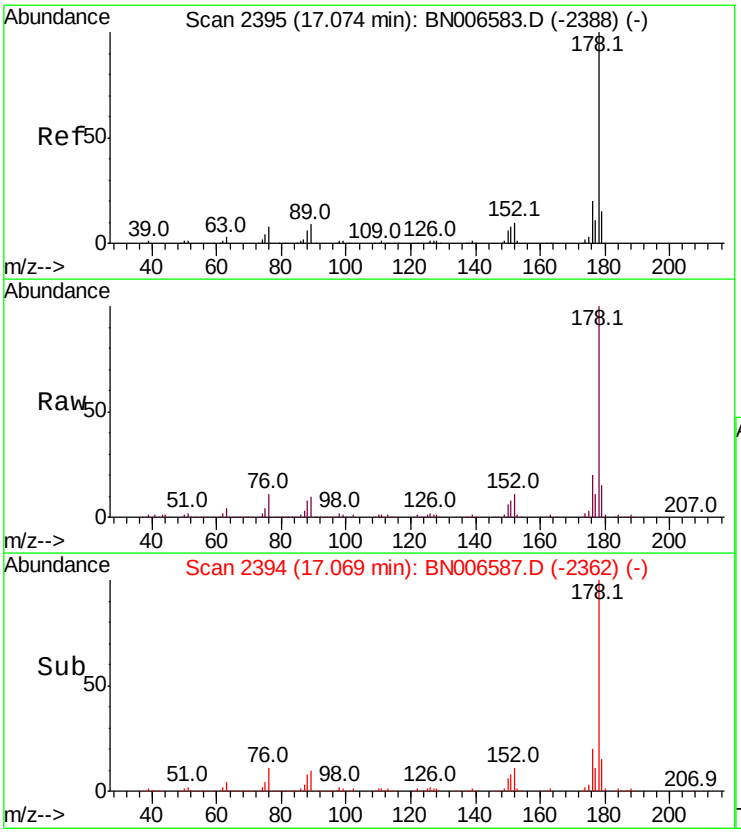
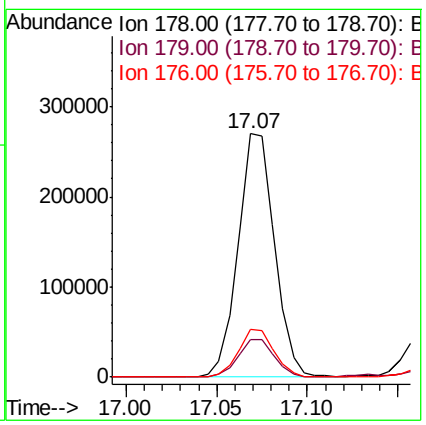
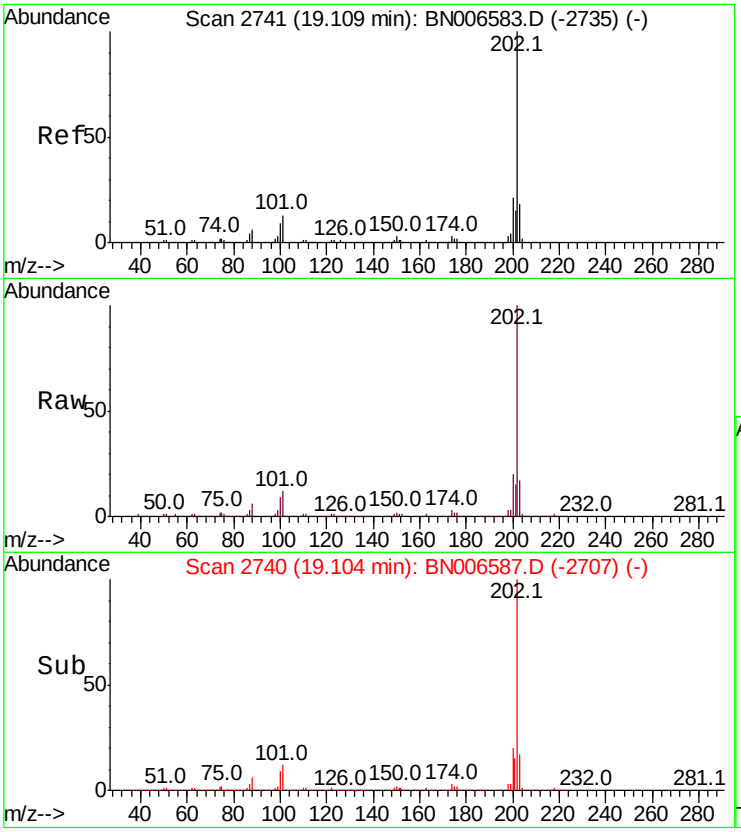


#69
Phenanthrene
Concen: 4.900 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:178 Resp: 374723

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.7	15.3	22.9

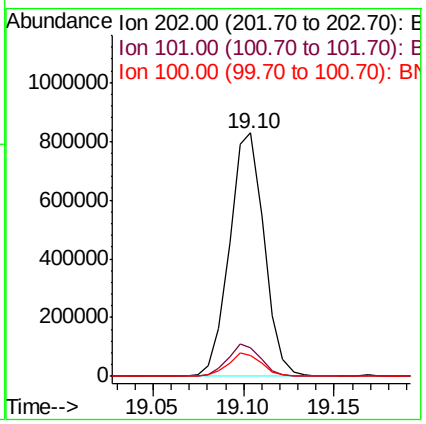




#76
Fluoranthene
Concen: 13.294 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:202 Resp: 1095664

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.5	15.7
100	8.8	7.6	11.4



Instrument :
BNA_N
ClientSampleId :
C5AB5

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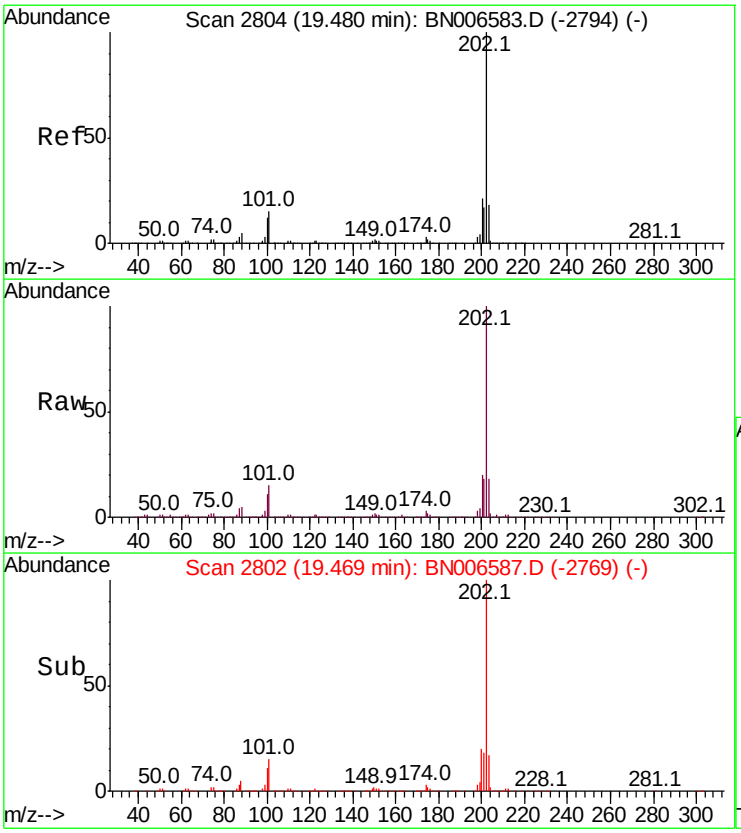
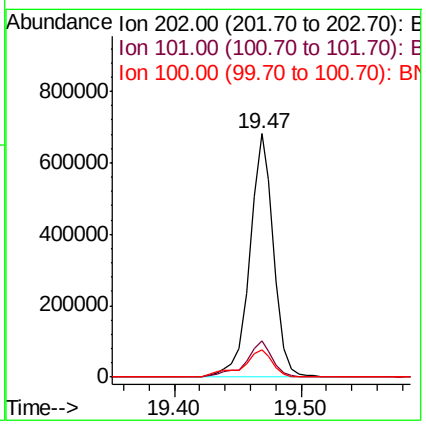
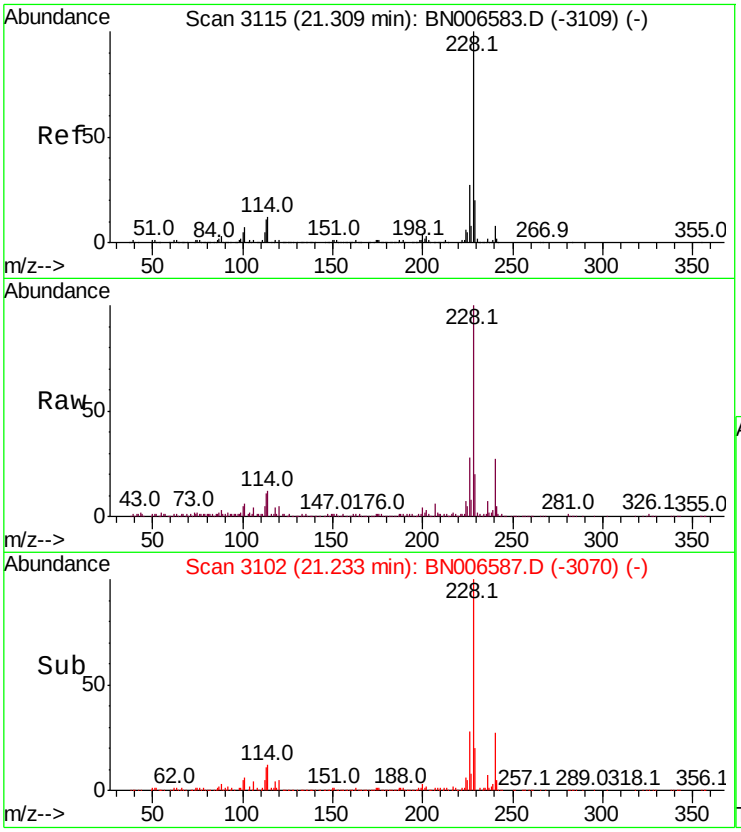


#79
Pyrene
Concen: 12.798 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:202 Resp: 886106

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	11.3	9.8	14.6

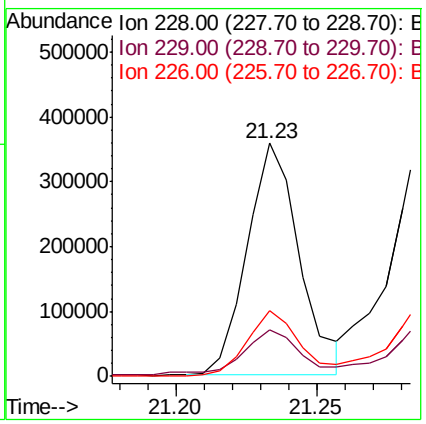




#82
Benzo(a)anthracene
Concen: 6.632 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:228 Resp: 460985

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.3	21.5	32.3



Instrument :
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ClientSampleId :
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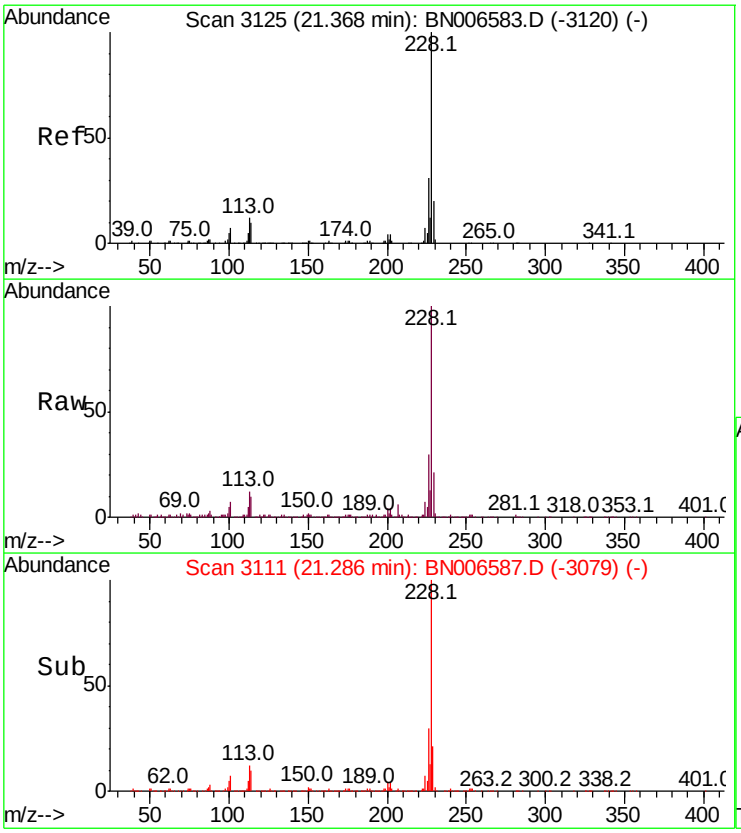
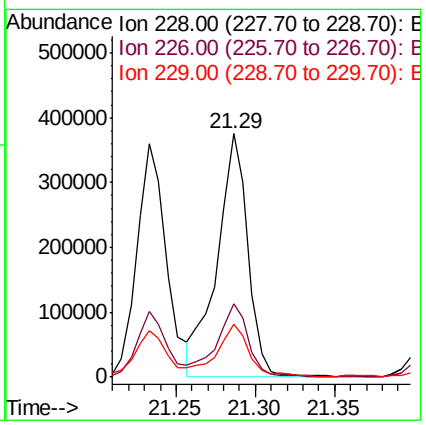
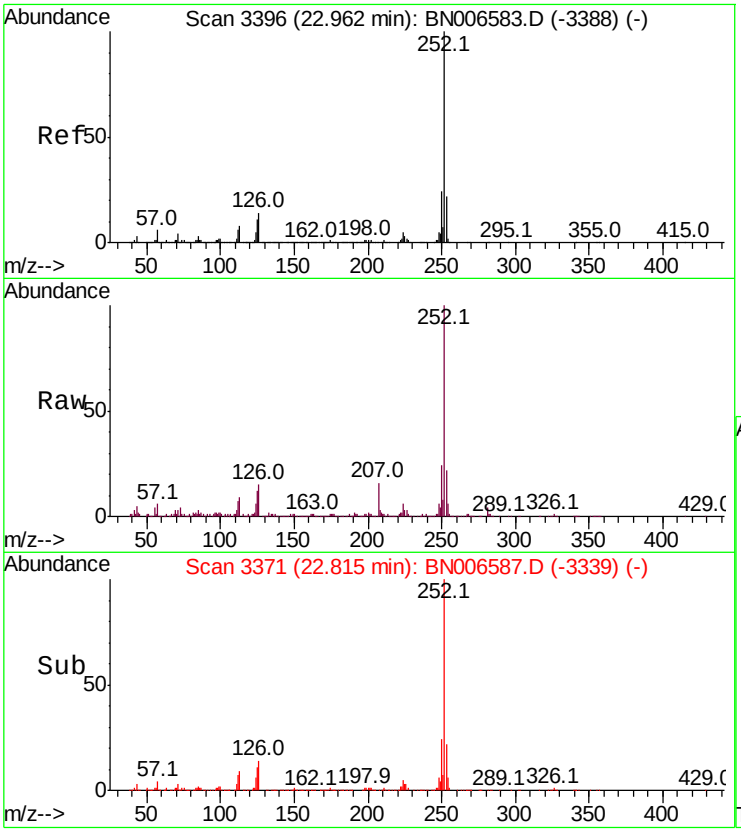


#84
Chrysene
Concen: 7.621 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:228 Resp: 504112

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	21.5	15.9	23.9

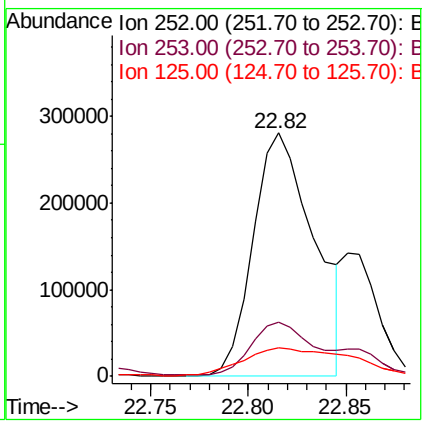




#87
Benzo(b)fluoranthene
Concen: 10.470 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:252 Resp: 605047

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.8	9.0	13.6



Instrument :
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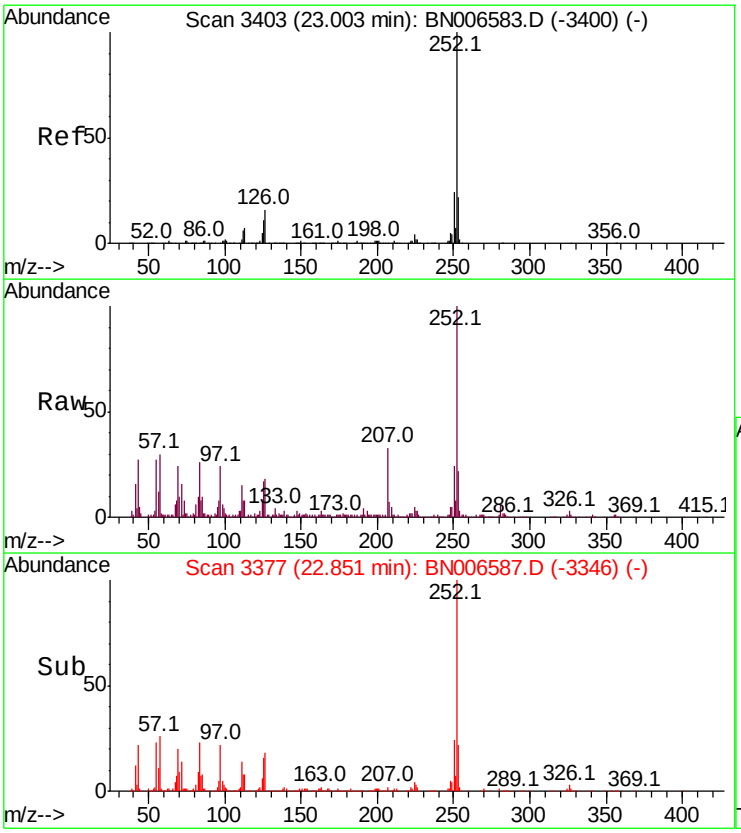
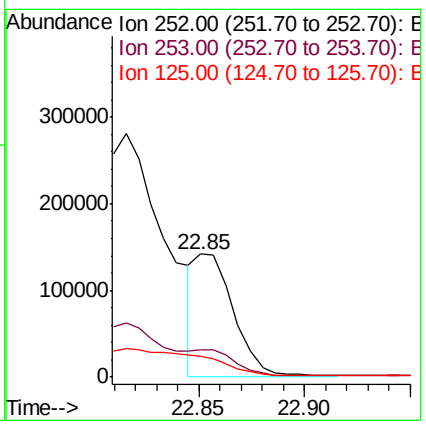
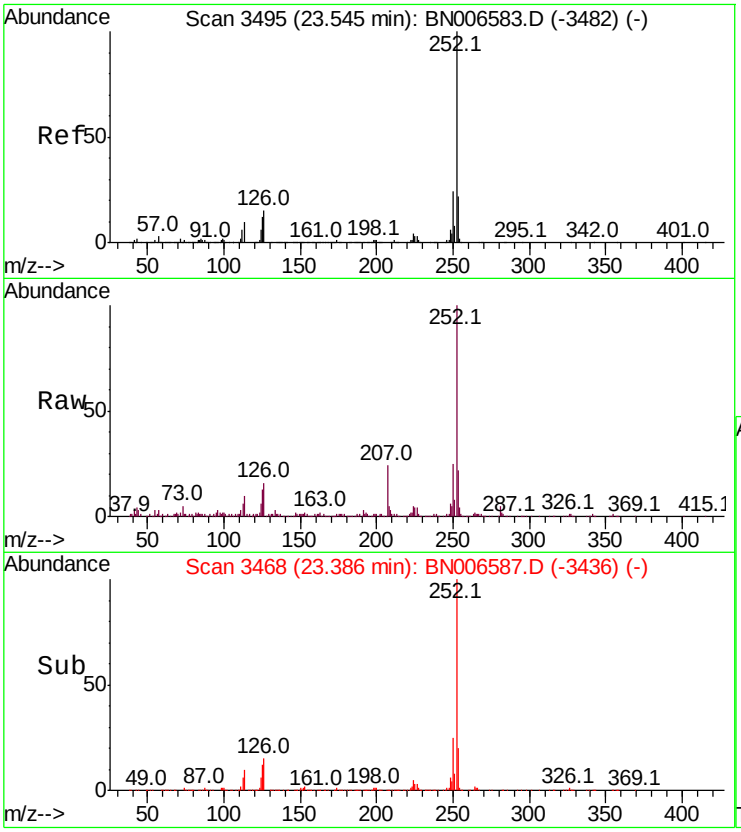


#88
Benzo(k)fluoranthene
Concen: 3.238 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. -0.02 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:252 Resp: 178861

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	17.0	9.1	13.7#

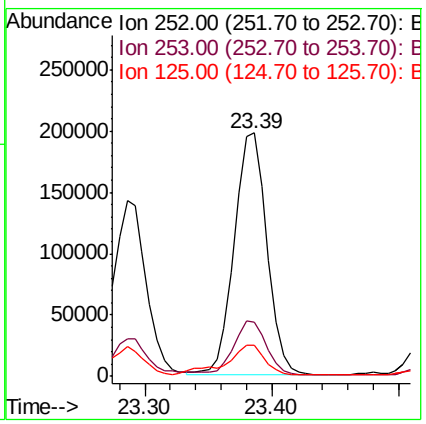




#90
Benzo(a)pyrene
Concen: 6.369 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:252 Resp: 352926

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	12.7	10.0	15.0



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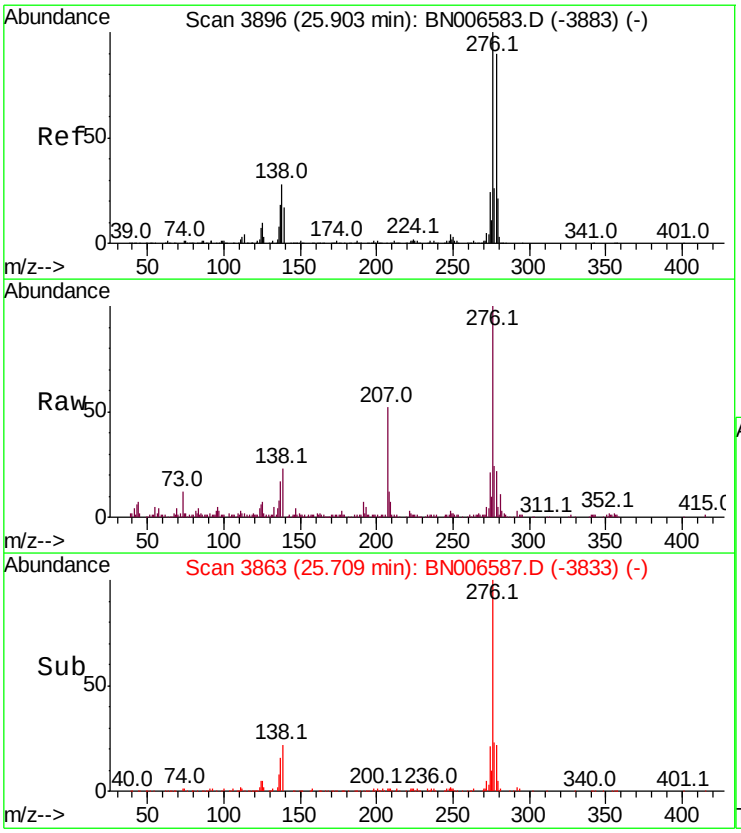
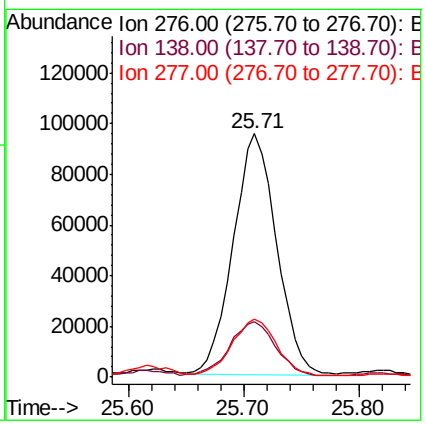
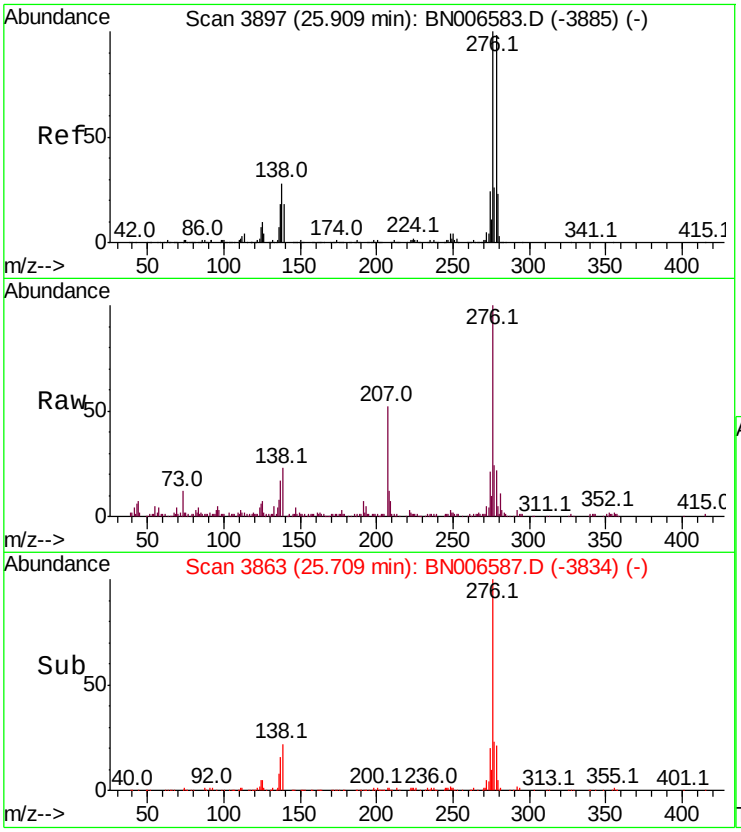


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.805 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:276 Resp: 249520

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.2	33.4
277	24.0	20.2	30.4

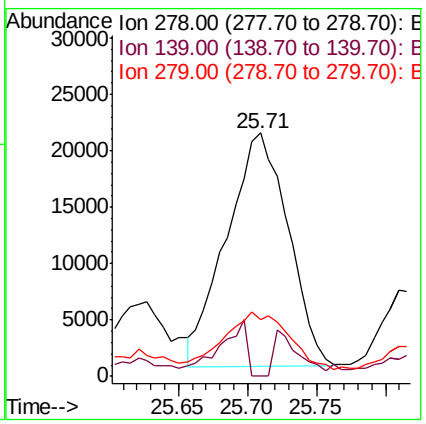




#92
Dibenzo(a,h)anthracene
Concen: 1.174 ng/ul m
RT: 25.71 min Scan# 3863
Delta R.T. -0.03 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:278 Resp: 63778

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	23.5	18.8	28.2



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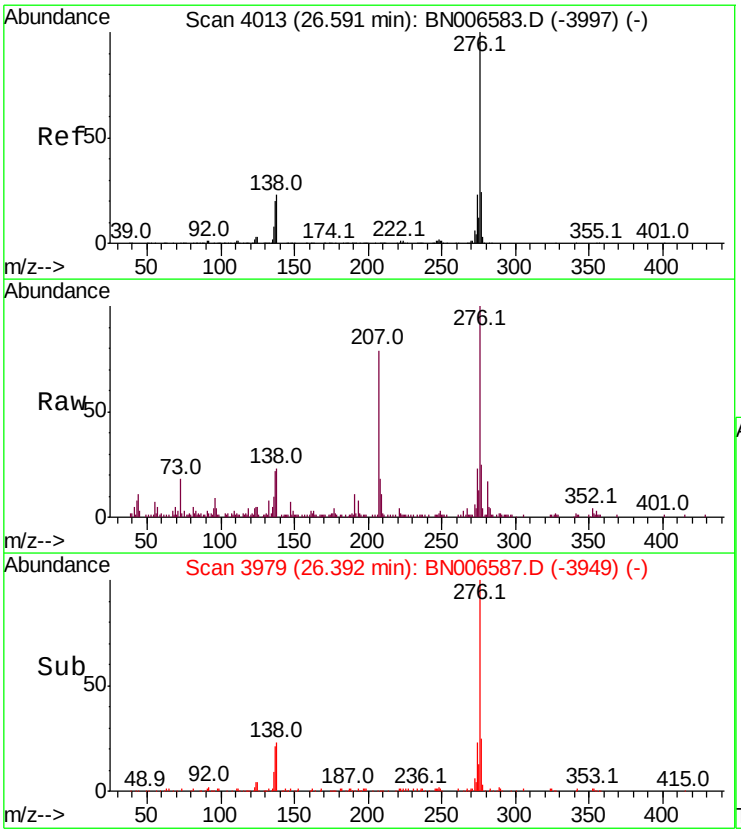

#93
Benzo(g,h,i)perylene
Concen: 3.465 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. -0.02 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:276 Resp: 191407

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.1	28.7
277	25.1	19.4	29.0