Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005945.D
Acq On : 29 May 2019 23:43
Operator : JU/SJ
Sample : K2928-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 30 05:02:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	636180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2789915	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	1556536	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	3142656	20.00	ng/ul	0.02
77) Chrysene-d12	21.35	240	1947954	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2104389	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	37350	2.58	ng/uL	0.00
5) Phenol-d5	6.91	99	865827	15.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	488422	15.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	687091	16.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	655431	14.40	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	336186	18.77	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	275446	16.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	676460	17.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	492662	9.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2014861	17.56	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	2545260	17.73	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	292739	14.02	ng/ul	0.03
57) Fluorene-d10	15.38	176	2012616	20.91	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	8575	0.67	ng/ul	0.03
70) Anthracene-d10	17.24	188	2482350	18.56	ng/ul	0.02
78) Pyrene-d10	19.54	212	2175615	22.11	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	1661919	17.70	ng/ul	0.03
Target Compounds						Qvalue
32) Caprolactam	11.48	113	36496	2.346	ng/ul#	1
44) Dimethylphthalate	13.84	163	719520	6.274	ng/ul	100
69) Phenanthrene	17.18	178	303932	1.952	ng/ul	99
76) Fluoranthene	19.21	202	591220	3.557	ng/ul	96
79) Pyrene	19.57	202	535639	4.341	ng/ul#	95
82) Benzo(a)anthracene	21.33	228	233983	1.911	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.26	149	176658	2.198	ng/ul#	95
84) Chrysene	21.38	228	265485	2.325	ng/ul#	87
87) Benzo(b)fluoranthene	22.94	252	400022	3.384	ng/ul#	77
90) Benzo(a)pyrene	23.52	252	374768	3.362	ng/ul#	81
91) Indeno(1,2,3-cd)pyrene	25.93	276	322120	2.463	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.93	278	228604	2.099	ng/ul#	68
93) Benzo(g,h,i)perylene	26.63	276	472186	4.287	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Misc :
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Instrument :
BNA_N
ClientSampleId :

Quant Time: May 30 05:02:26 2019
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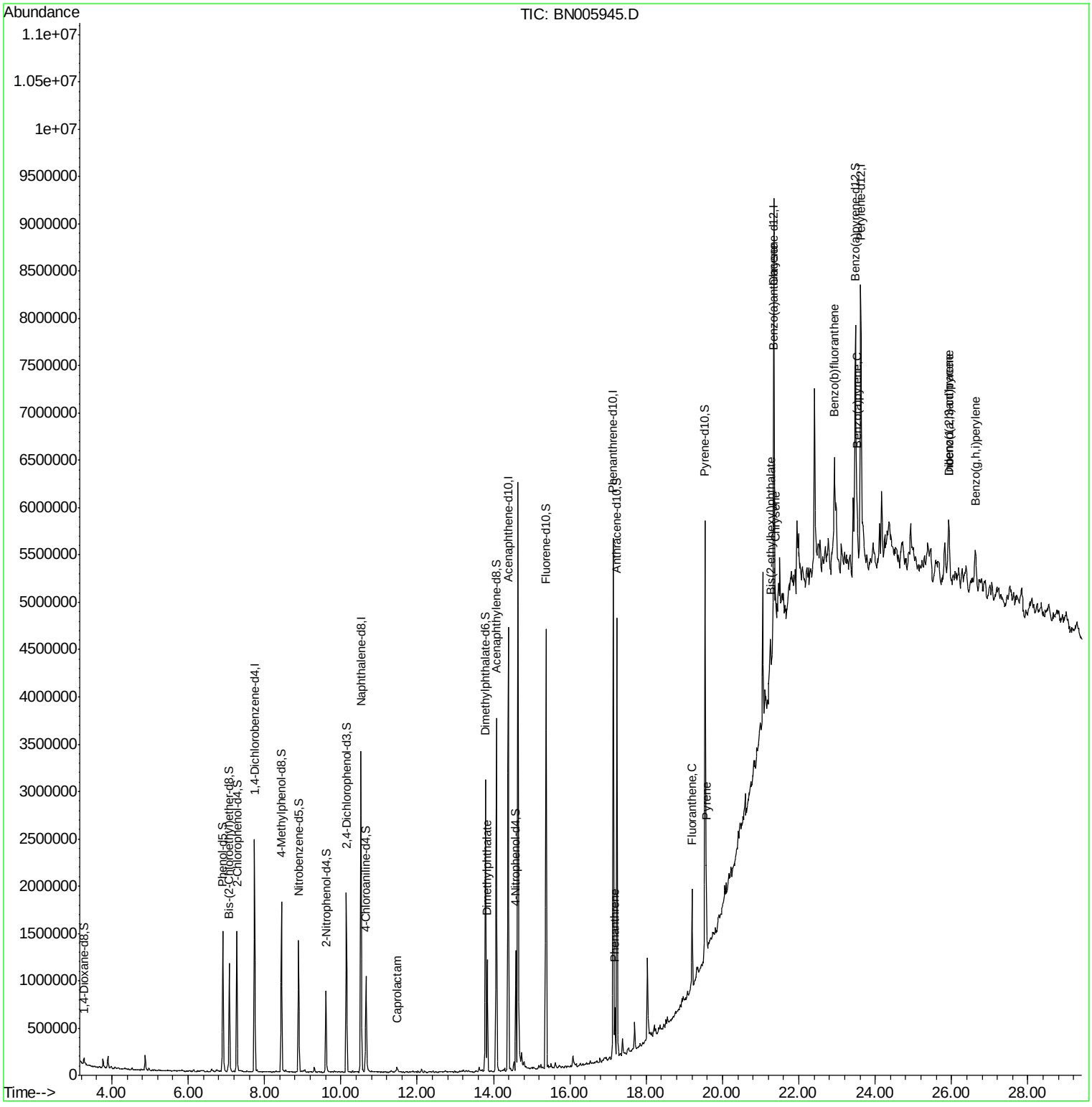
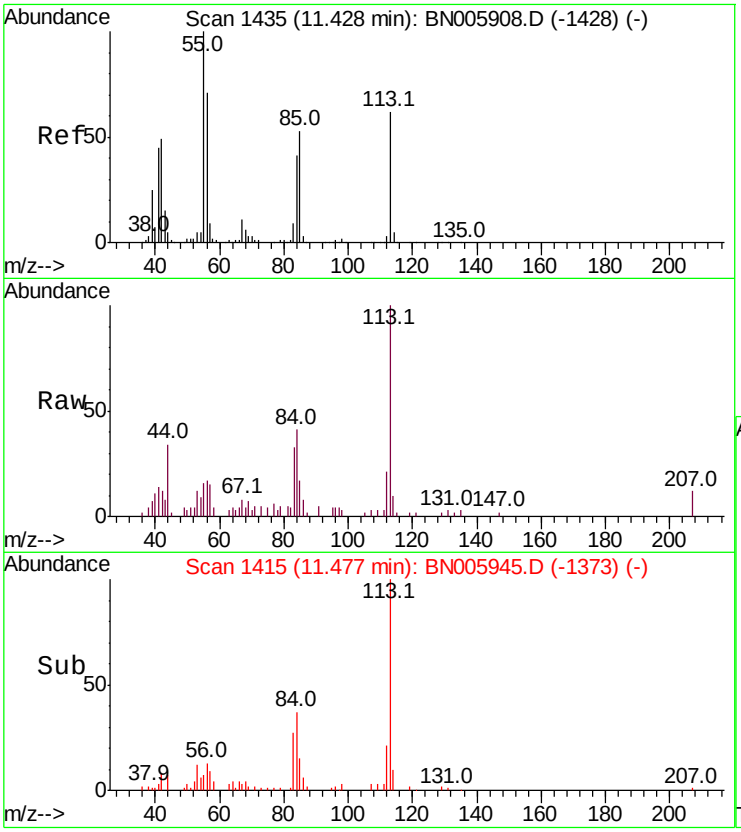
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration



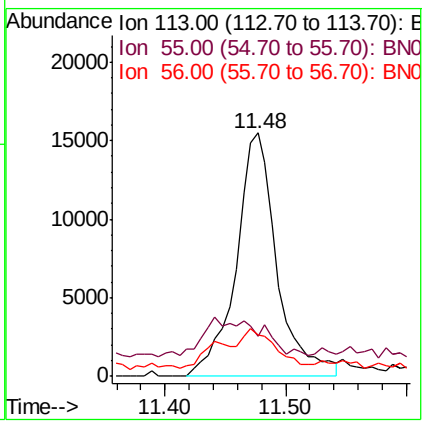


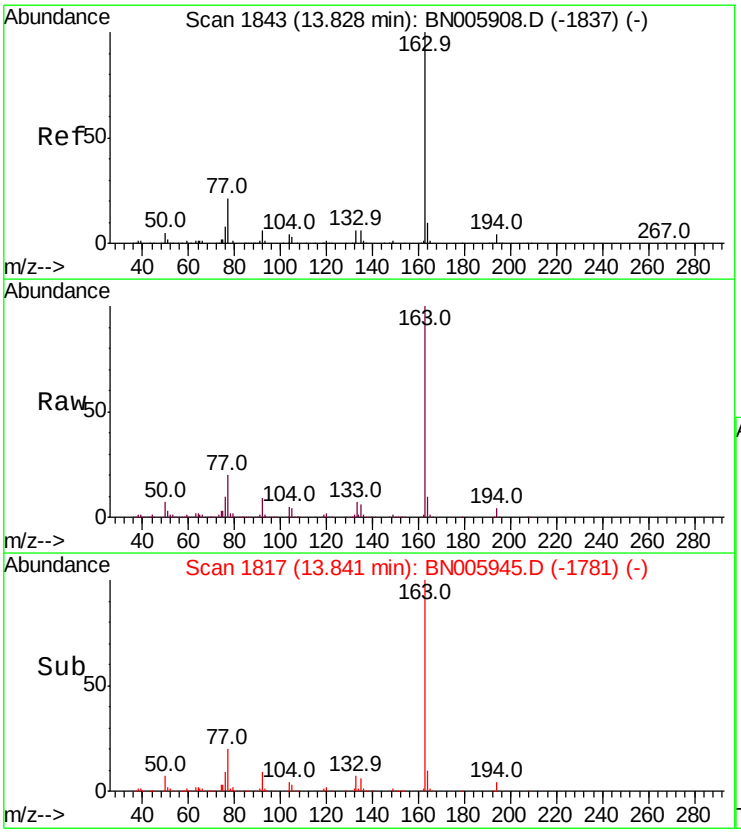
#32
Caprolactam
Concen: 2.346 ng/ul
RT: 11.48 min Scan# 1415
Delta R.T. 0.05 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 36496

Ion	Ratio	Lower	Upper
113	100		
55	16.5	157.0	235.4#
56	17.3	119.1	178.7#

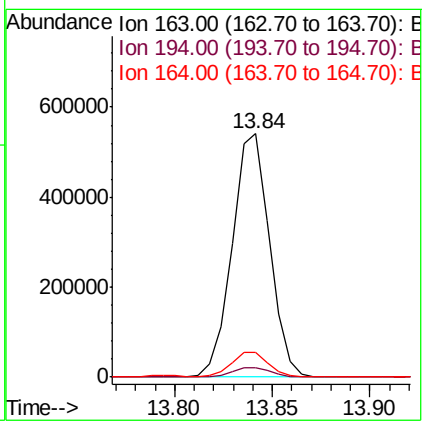


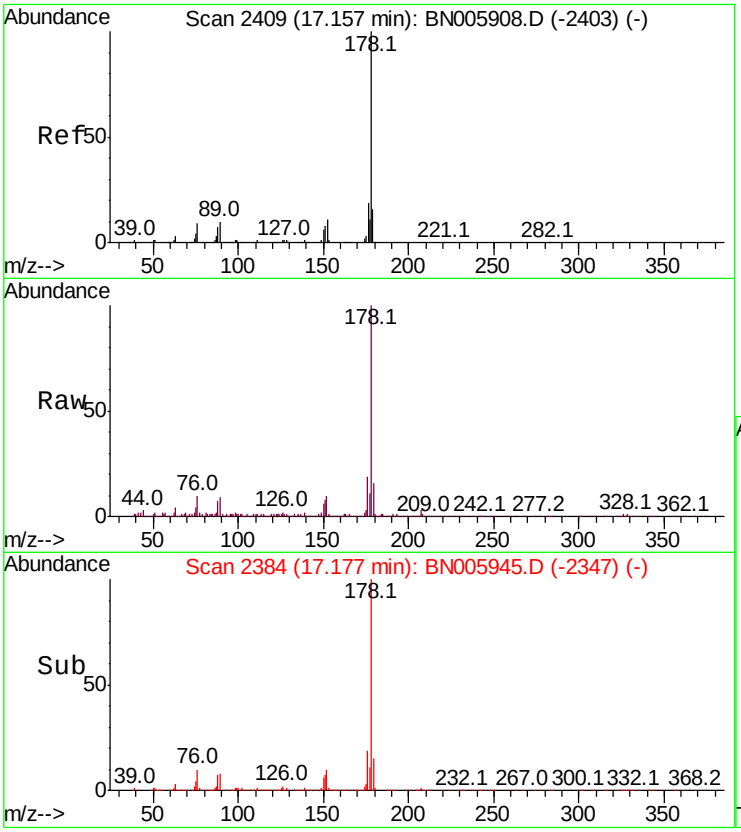


#44
Dimethylphthalate
Concen: 6.274 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:163 Resp: 719520

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



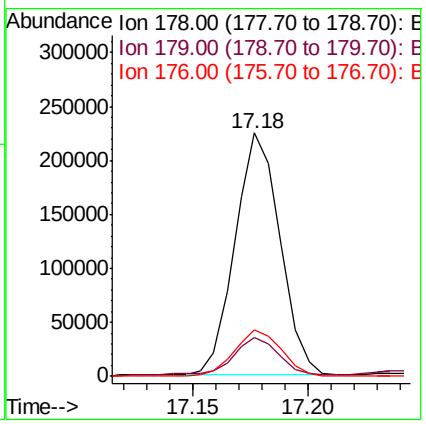


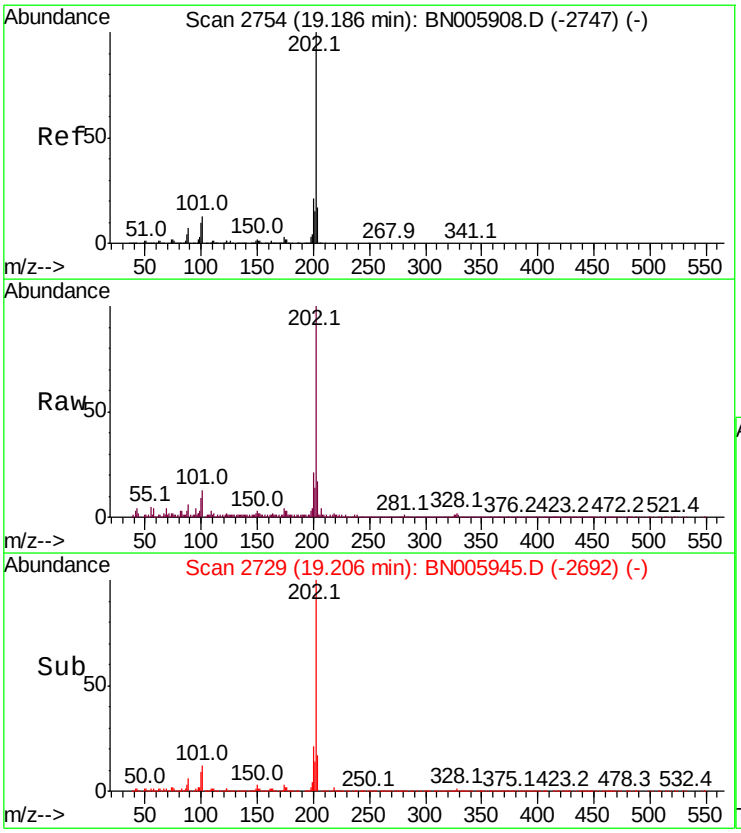
#69
Phenanthrene
Concen: 1.952 ng/ul
RT: 17.18 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 303932

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.2	15.1	22.7

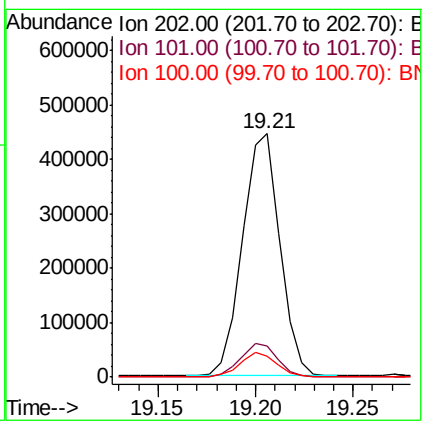


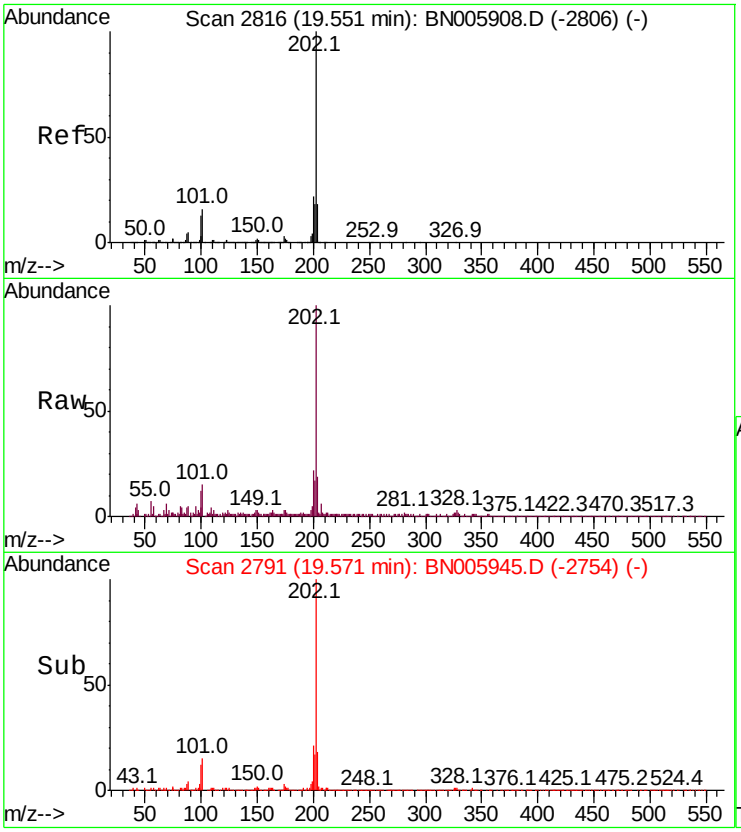


#76
Fluoranthene
Concen: 3.557 ng/ul
RT: 19.21 min Scan# 2729
Delta R.T. 0.02 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:202 Resp: 591220

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.6	12.8
100	8.7	6.3	9.5



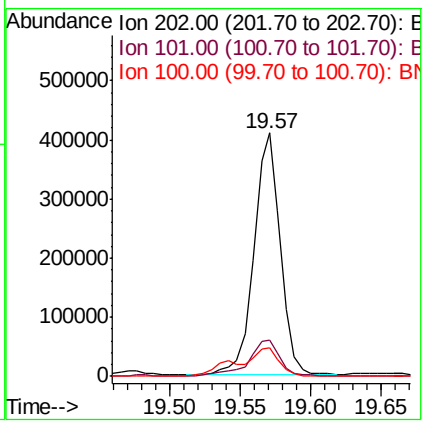


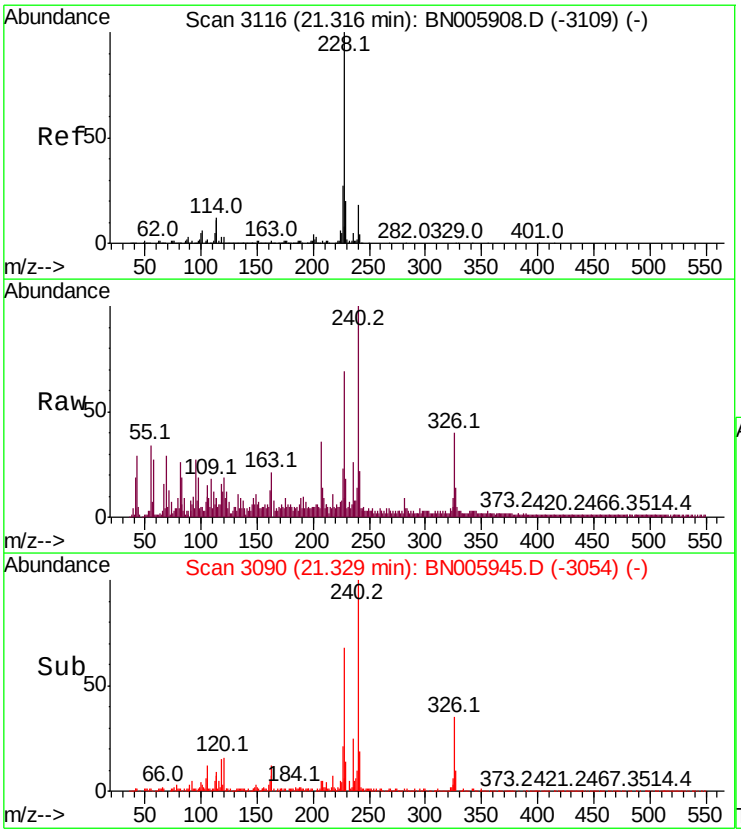
#79
Pyrene
Concen: 4.341 ng/ul
RT: 19.57 min Scan# 2791
Delta R.T. 0.02 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 535639

Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.3	15.5
100	12.0	7.9	11.9#

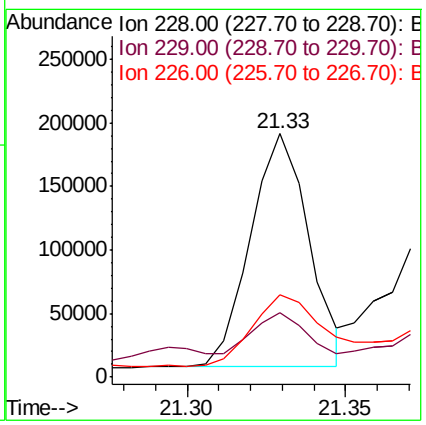


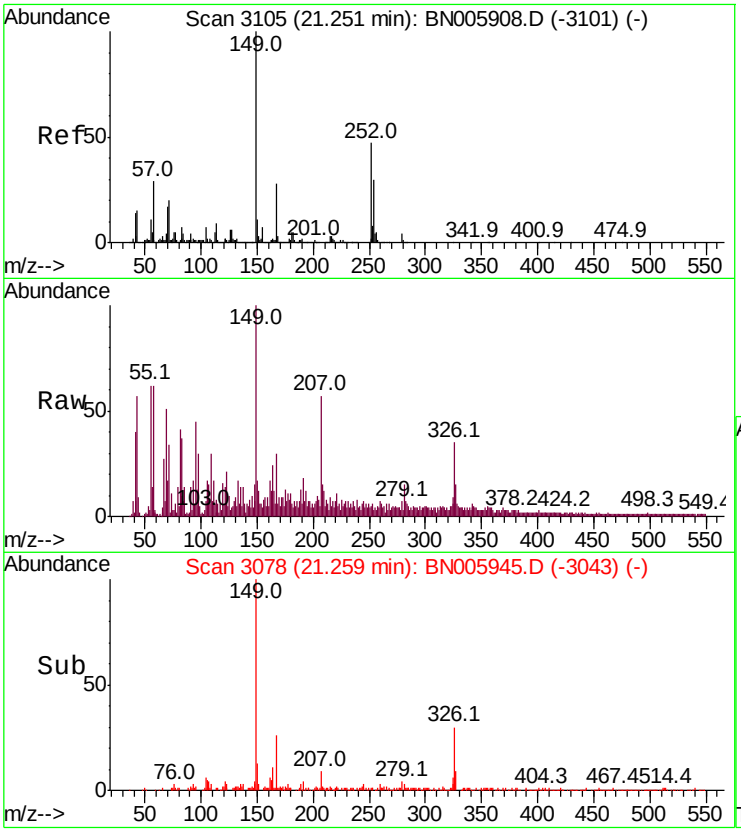


#82
Benzo(a)anthracene
Concen: 1.911 ng/ul
RT: 21.33 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:228 Resp: 233983

Ion	Ratio	Lower	Upper
228	100		
229	26.4	15.8	23.6#
226	33.9	21.4	32.2#



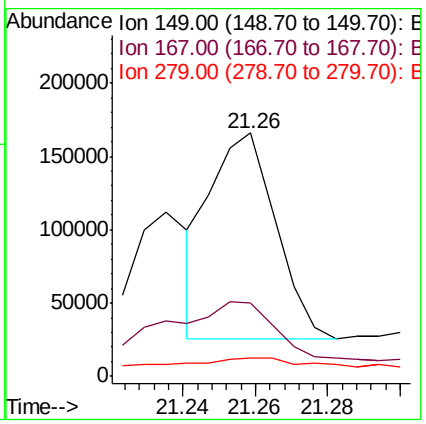


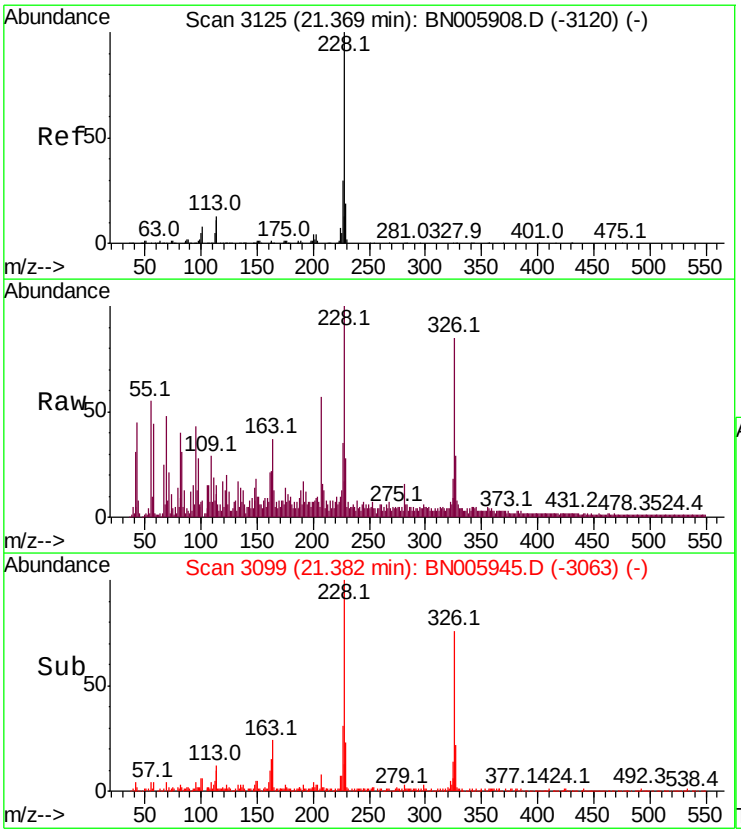
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.198 ng/ul
RT: 21.26 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 176658

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.3	33.5
279	7.3	3.3	4.9#

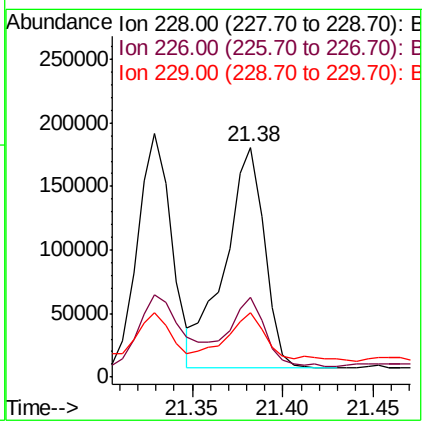


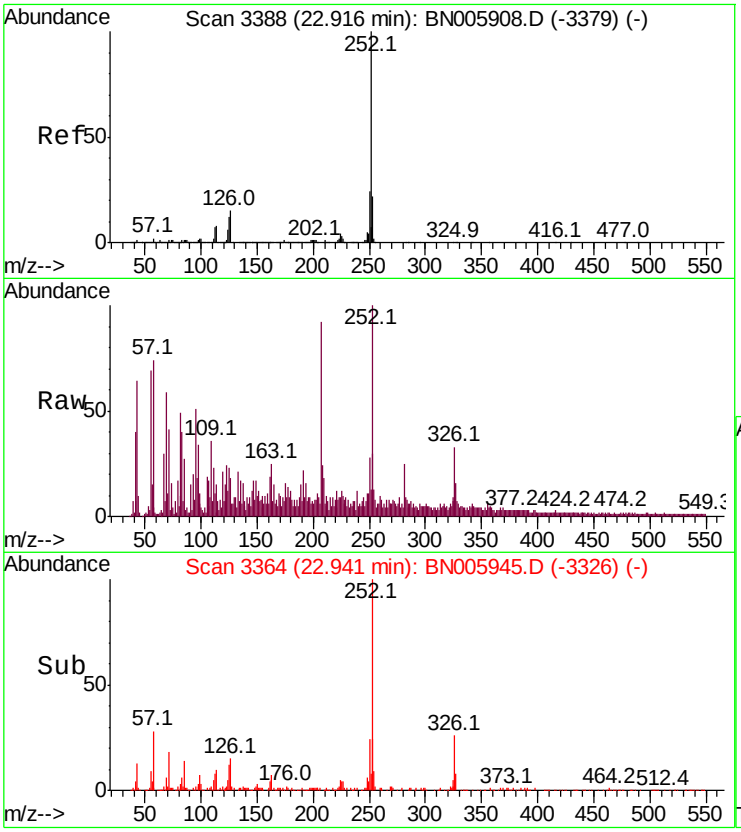


#84
Chrysene
Concen: 2.325 ng/ul
RT: 21.38 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:228 Resp: 265485

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.0	36.0
229	27.9	15.4	23.0#



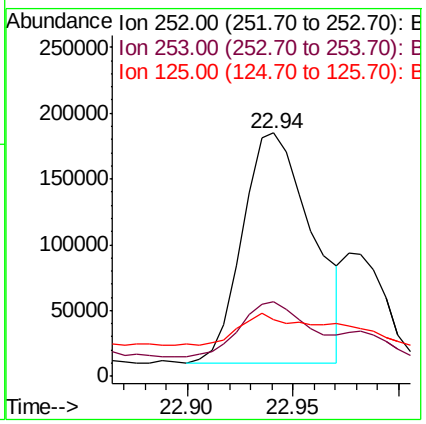


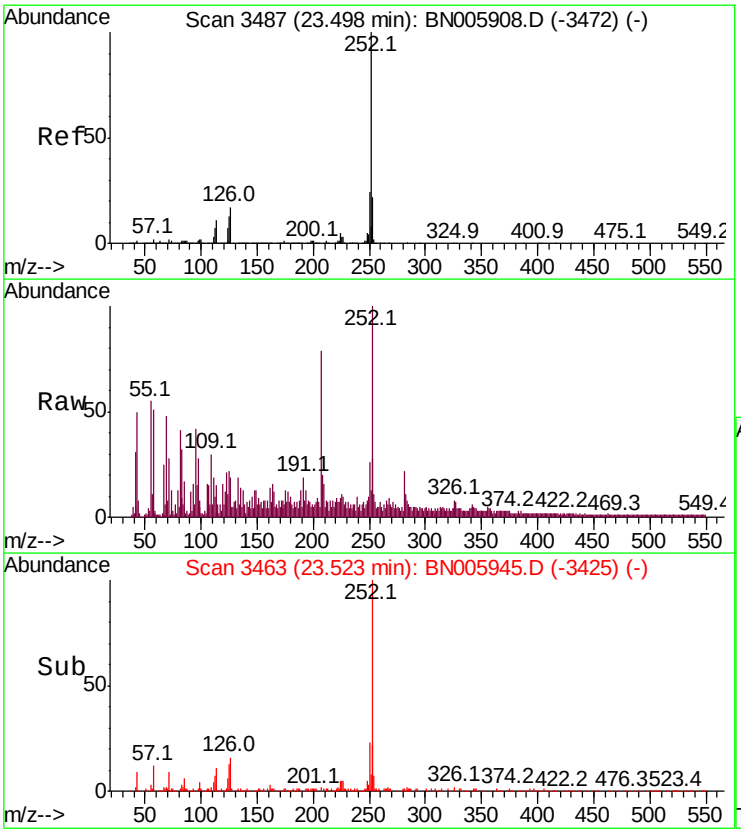
#87
Benzo(b)fluoranthene
Concen: 3.384 ng/ul
RT: 22.94 min Scan# 3364
Delta R.T. 0.03 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 400022

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.7	26.5#
125	23.2	8.4	12.6#

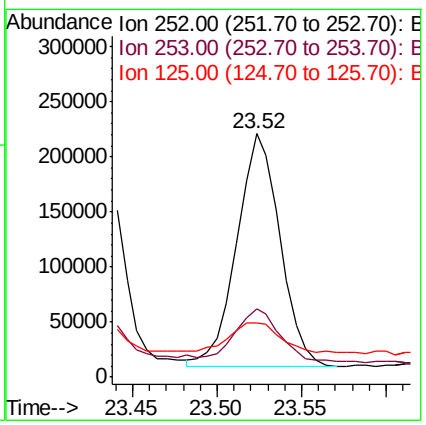


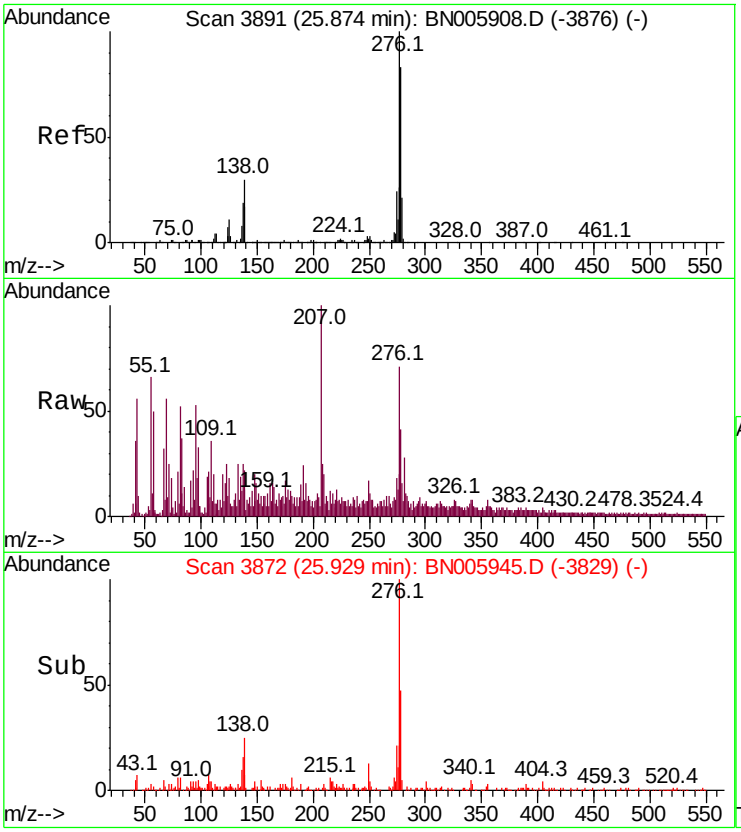


#90
Benzo(a)pyrene
Concen: 3.362 ng/ul
RT: 23.52 min Scan# 3463
Delta R.T. 0.03 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:252 Resp: 374768

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.3	25.9#
125	22.1	8.6	13.0#



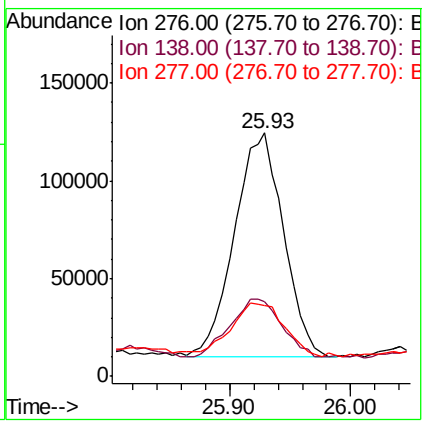


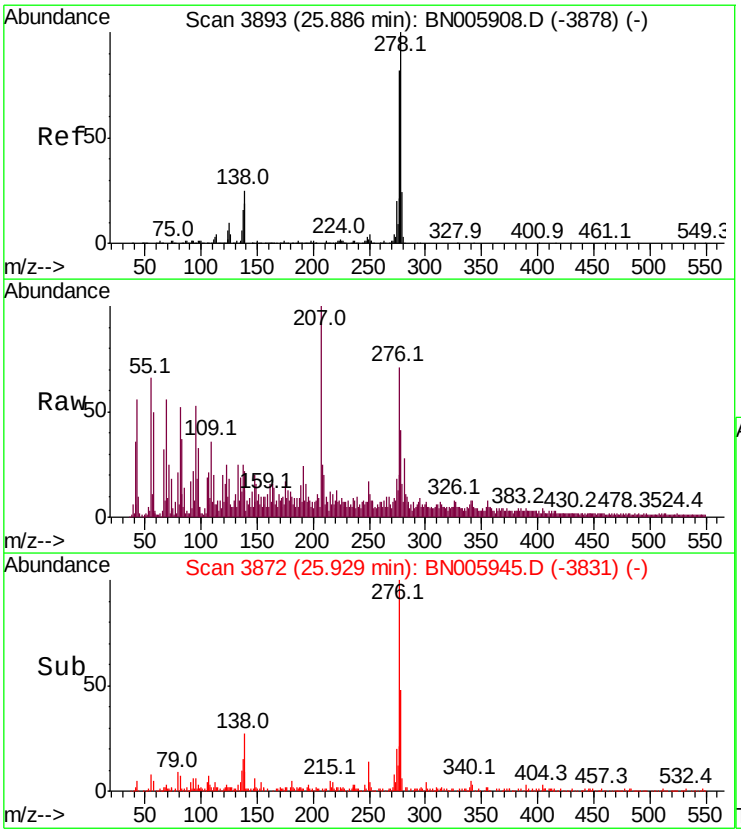
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.463 ng/ul
RT: 25.93 min Scan# 3872
Delta R.T. 0.05 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 322120

Ion	Ratio	Lower	Upper
276	100		
138	30.8	17.9	26.9#
277	28.9	19.7	29.5

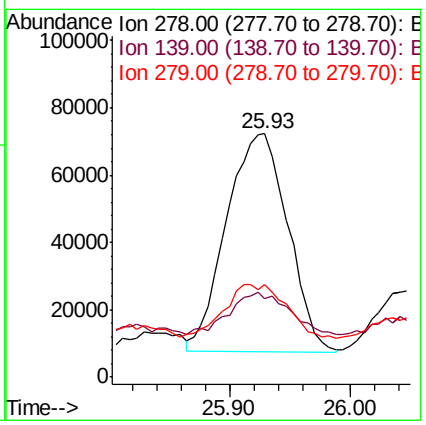


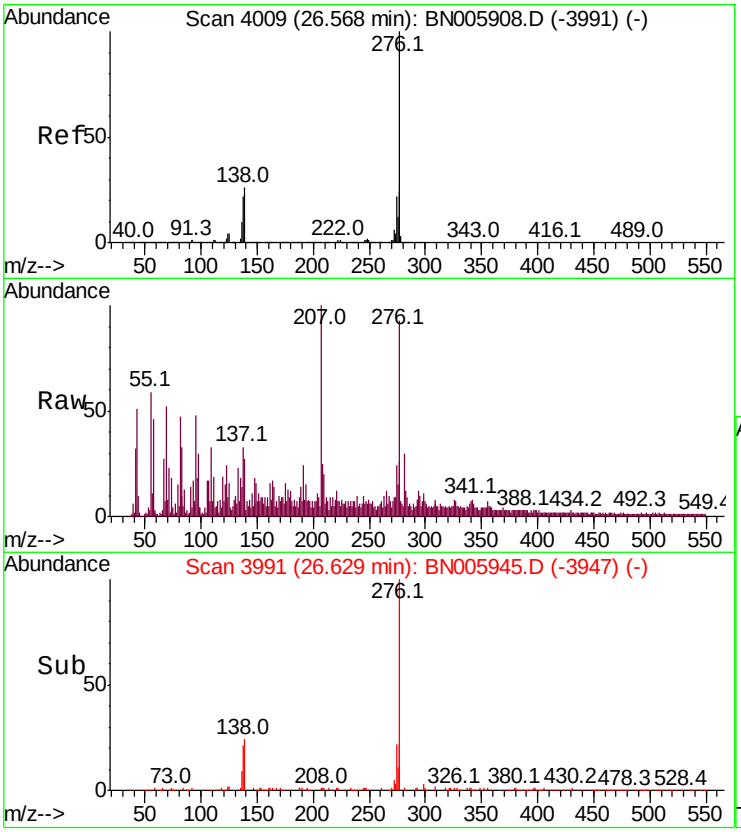


#92
Dibenzo(a,h)anthracene
Concen: 2.099 ng/ul
RT: 25.93 min Scan# 3872
Delta R.T. 0.04 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Tgt Ion:278 Resp: 228604

Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.1	19.7#
279	38.2	19.4	29.0#





#93
Benzo(g,h,i)perylene
Concen: 4.287 ng/ul
RT: 26.63 min Scan# 3991
Delta R.T. 0.06 min
Lab File: BN005945.D
Acq: 29 May 2019 23:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 472186

Ion	Ratio	Lower	Upper
276	100		
138	29.4	16.7	25.1#
277	28.1	18.2	27.2#