Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005931.D
Acq On : 29 May 2019 15:37
Operator : JU/SJ
Sample : K2924-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4272

Manual Integrations APPROVED
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Quant Time: May 29 16:41:52 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	7.73	152	372151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1728968	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1044341	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2473276	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2543251	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2710330	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	63334	7.49	ng/uL	0.00
5) Phenol-d5	6.89	99	1276080	38.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	764729	40.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	1003443	39.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	851755	31.99	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	500153	45.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	521733	50.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	984180	40.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	1125733	35.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3288315	42.71	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3980111	41.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	597789	42.67	ng/ul	0.00
57) Fluorene-d10	15.36	176	2861508	44.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	341263	33.85	ng/ul	0.00
70) Anthracene-d10	17.22	188	4156658	39.49	ng/ul	0.00
78) Pyrene-d10	19.53	212	5113933	39.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	4943314	40.87	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	60209	1.772	ng/ul	96
28) Naphthalene	10.56	128	95435	1.163	ng/ul	99
44) Dimethylphthalate	13.82	163	1000492	13.002	ng/ul	100
69) Phenanthrene	17.16	178	289734	2.364	ng/ul	98
76) Fluoranthene	19.19	202	650595	4.973	ng/ul#	94
79) Pyrene	19.55	202	644177	3.998	ng/ul#	91
82) Benzo(a)anthracene	21.32	228	381070m	2.384	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.26	149	174197	1.660	ng/ul	99
84) Chrysene	21.38	228	433405	2.907	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	554809	3.645	ng/ul#	90
88) Benzo(k)fluoranthene	22.97	252	198229m	1.416	ng/ul	
90) Benzo(a)pyrene	23.52	252	336373	2.343	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.88	276	225066	1.336	ng/ul	96
93) Benzo(g,h,i)perylene	26.58	276	176561	1.244	ng/ul#	91

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

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Instrument :
BNA_N
ClientSampleId :
A4272

Manual Integrations APPROVED
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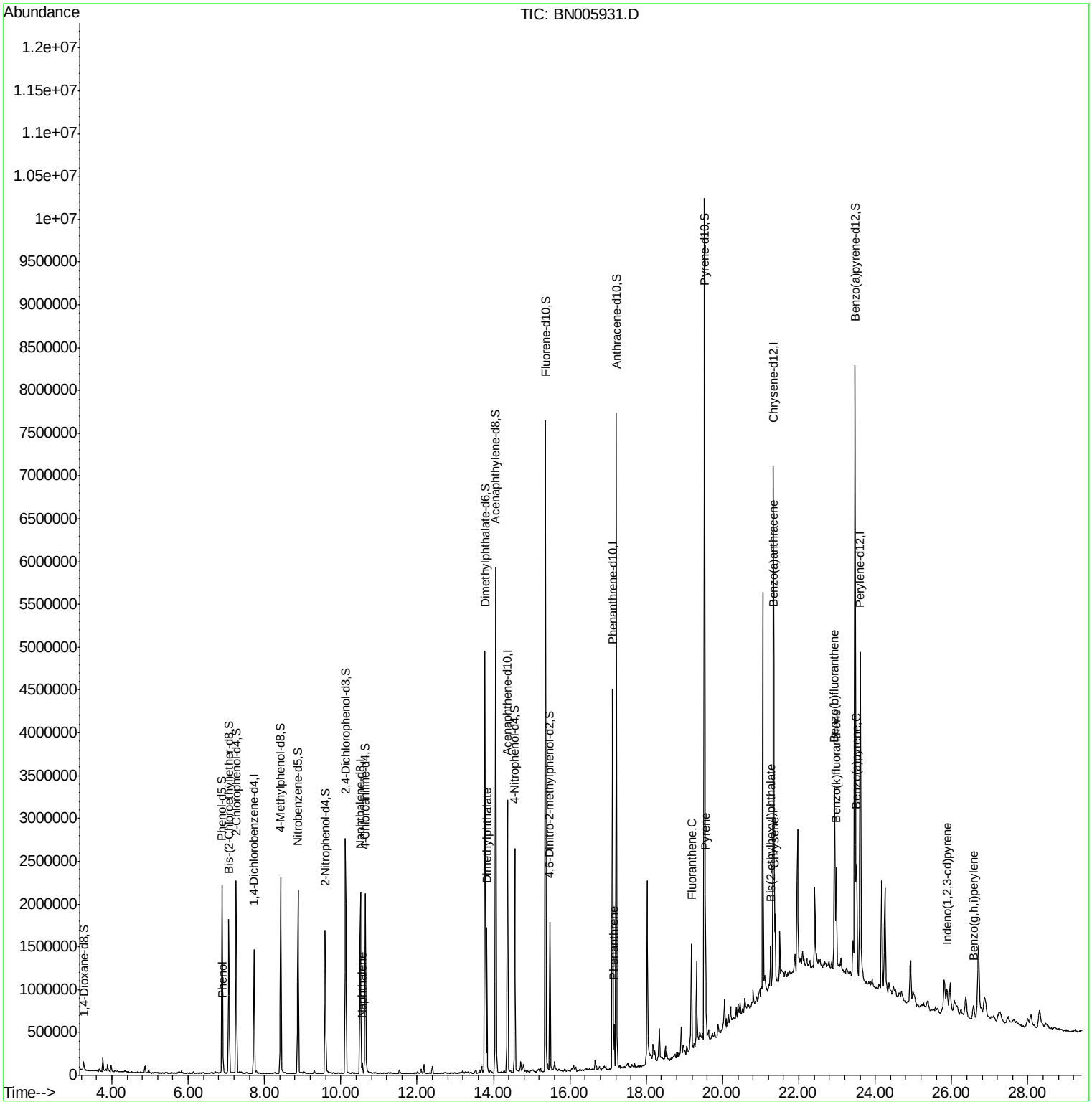
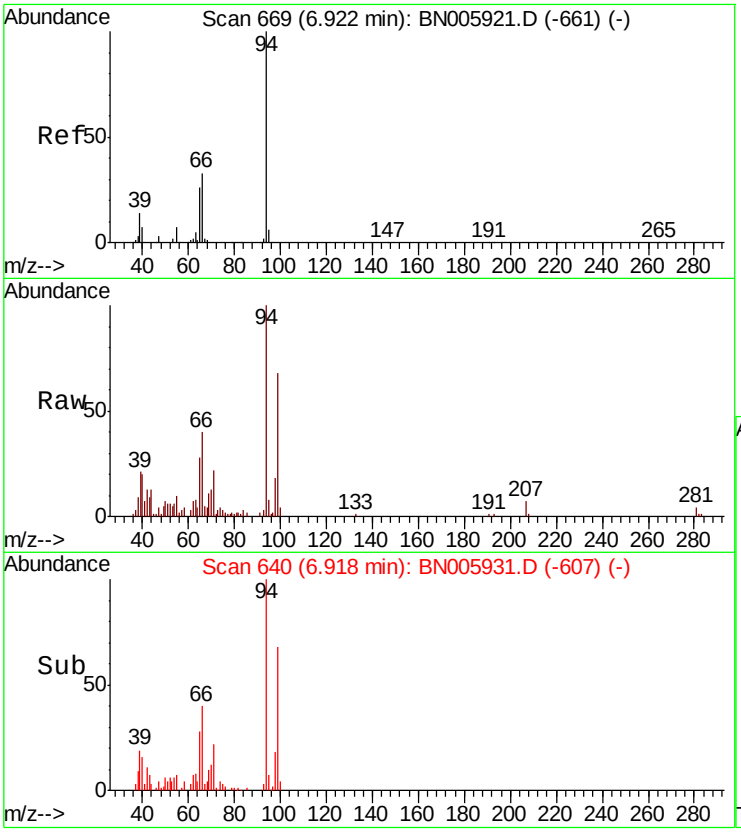
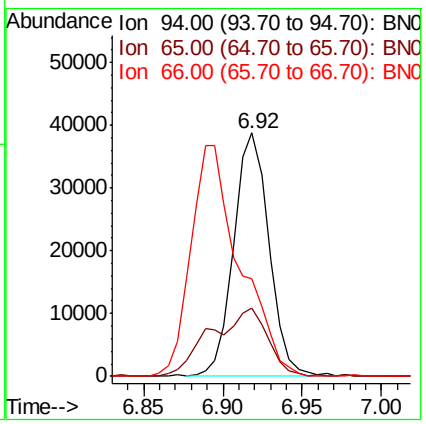




#6
Phenol
Concen: 1.772 ng/ul
RT: 6.92 min Scan# 640
Delta R.T. -0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion: 94 Resp: 60209

Ion	Ratio	Lower	Upper
94	100		
65	27.8	24.2	36.4
66	40.1	33.8	50.6



Instrument :
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ClientSampleId :
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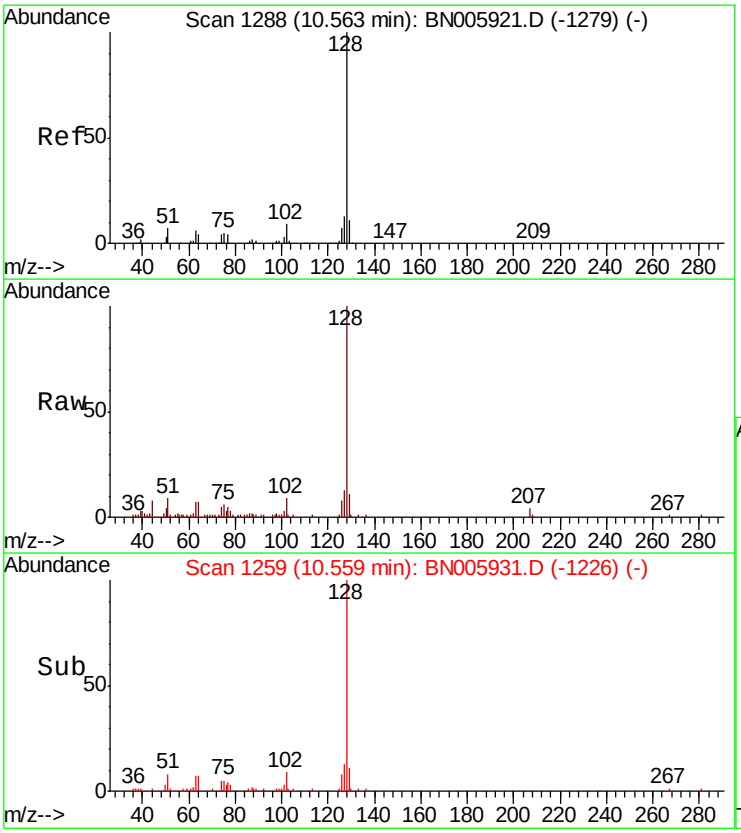
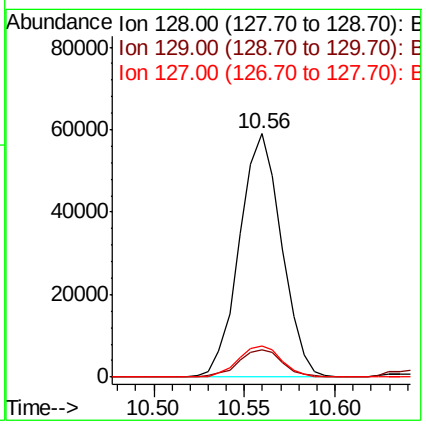
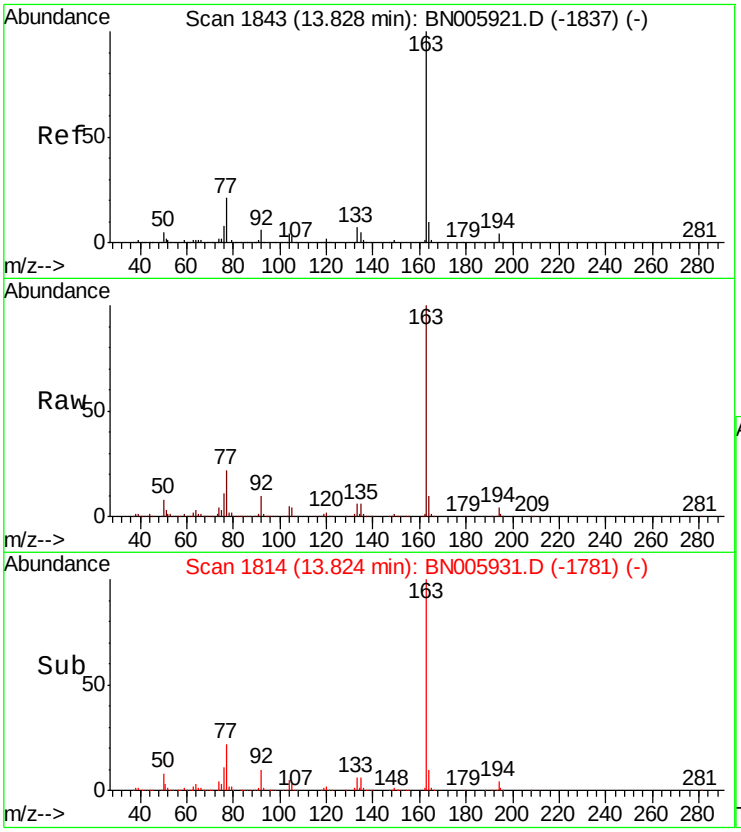


#28
Naphthalene
Concen: 1.163 ng/ul
RT: 10.56 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:128 Resp: 95435

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	12.7	10.7	16.1

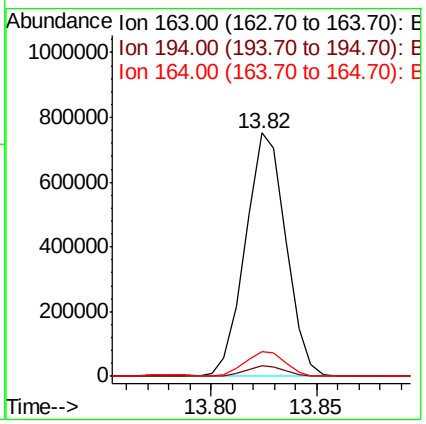




#44
Dimethylphthalate
Concen: 13.002 ng/ul
RT: 13.82 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:163 Resp: 1000492

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	8.1	12.1



Instrument :
BNA_N
ClientSampleId :
A4272

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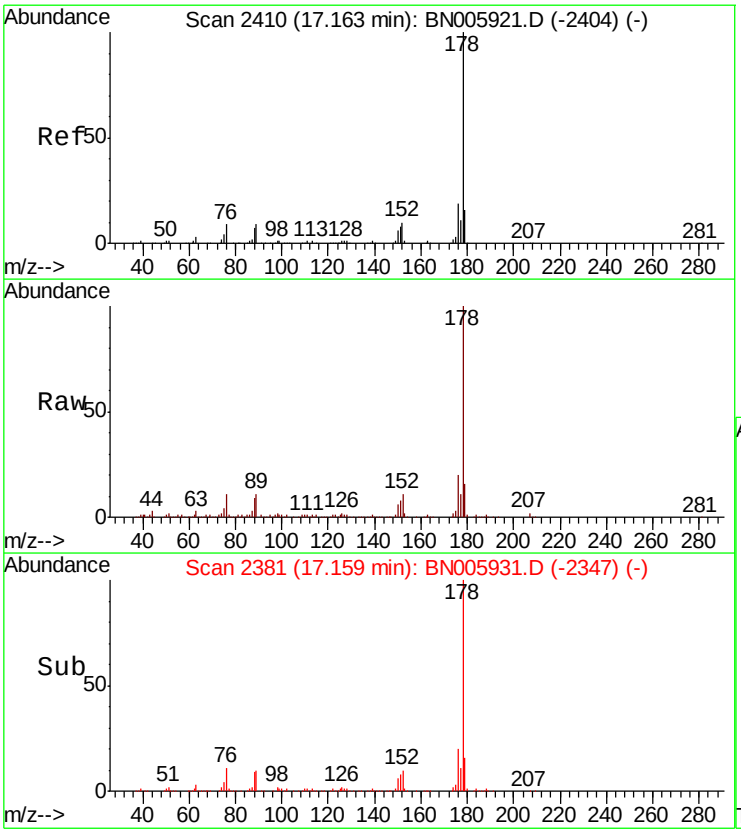
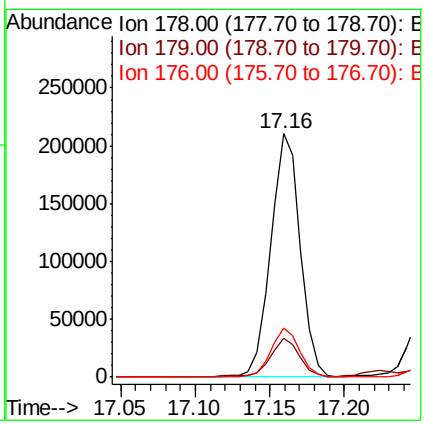
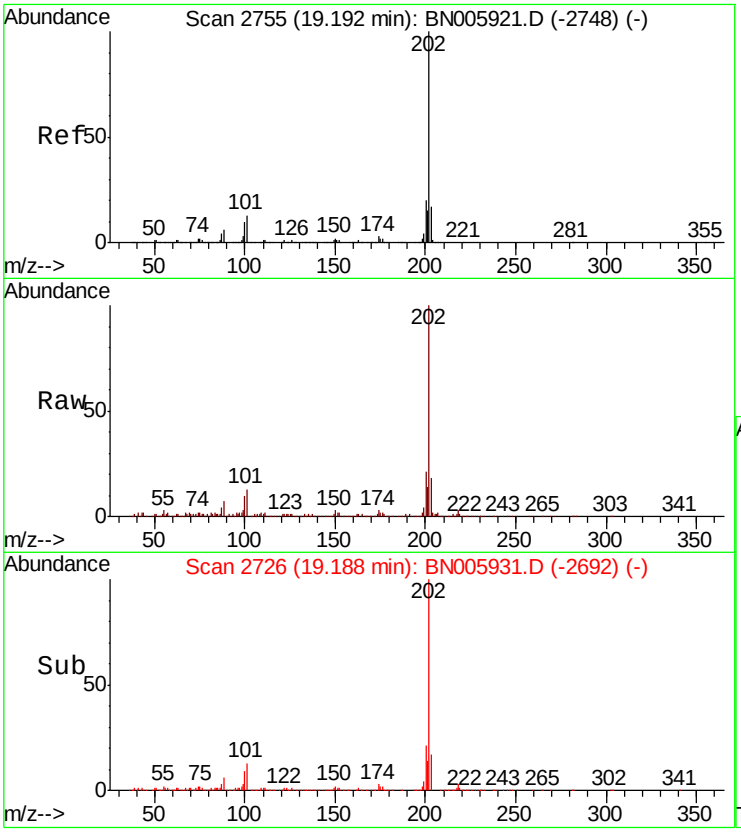


#69
Phenanthrene
Concen: 2.364 ng/ul
RT: 17.16 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:178 Resp: 289734

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	20.2	15.1	22.7





#76
Fluoranthene
Concen: 4.973 ng/ul
RT: 19.19 min Scan# 2726
Delta R.T. 0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:202 Resp: 650595

Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.6	12.8#
100	9.5	6.3	9.5#

Instrument :
BNA_N
ClientSampleId :
A4272

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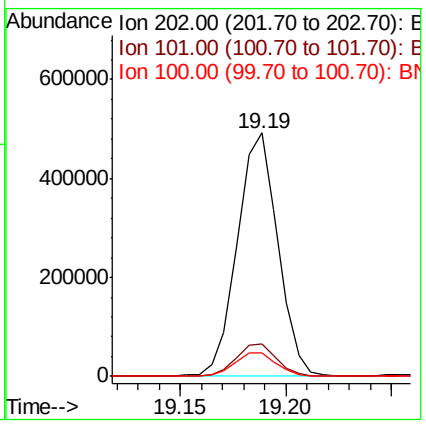
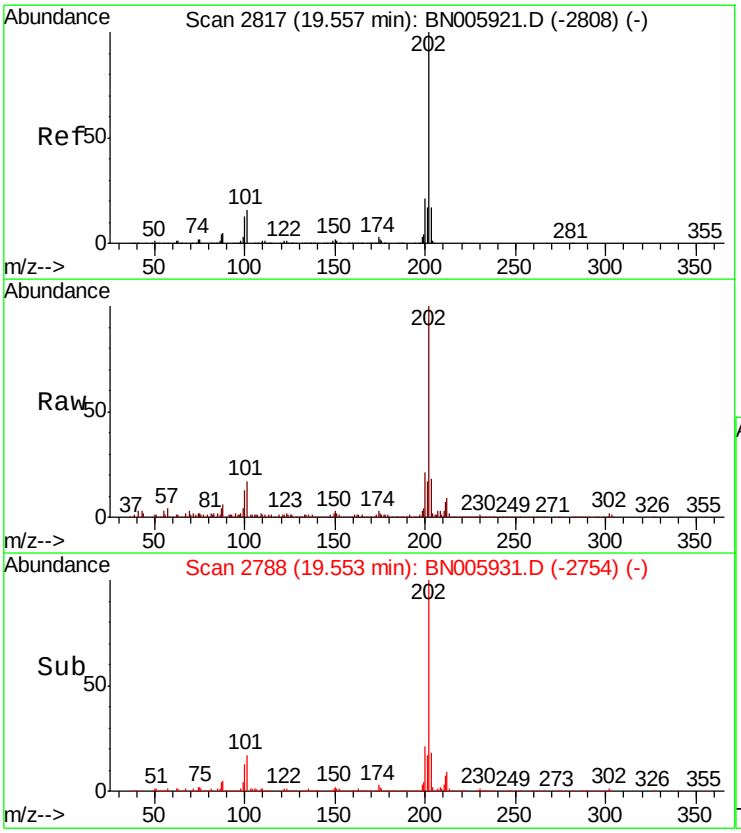
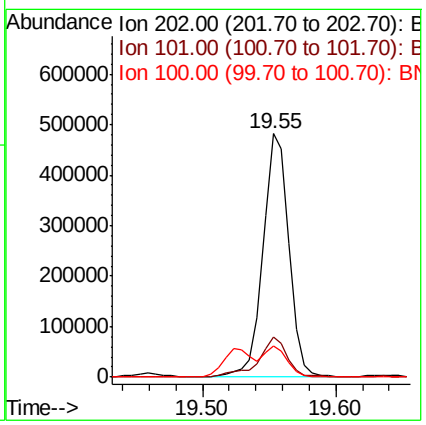


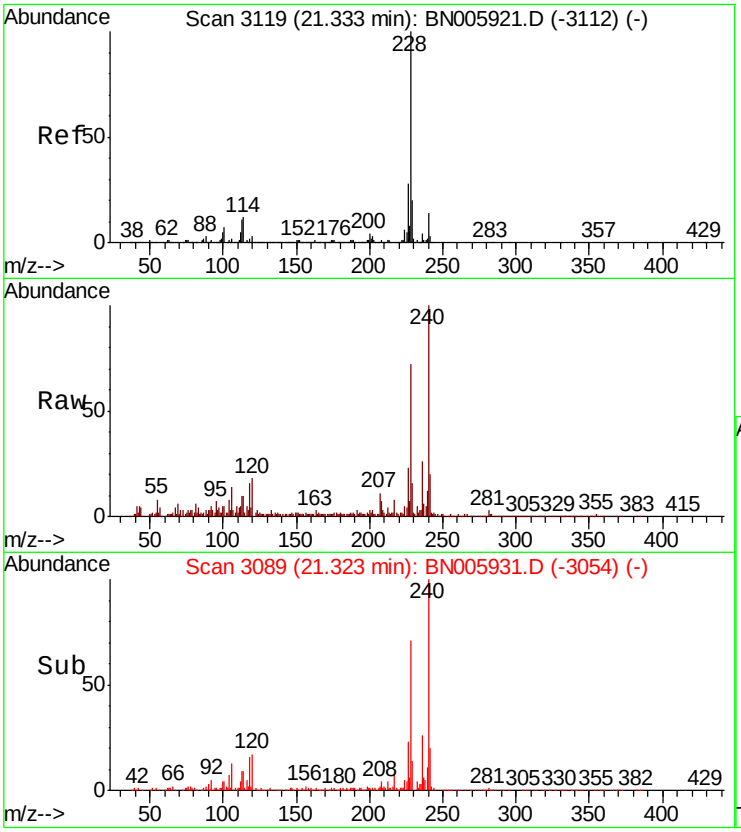


#79
Pyrene
Concen: 3.998 ng/ul
RT: 19.55 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:202 Resp: 644177

Ion	Ratio	Lower	Upper
202	100		
101	16.7	10.3	15.5#
100	13.0	7.9	11.9#





#82
Benzo(a)anthracene
Concen: 2.384 ng/ul m
RT: 21.32 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:228 Resp: 381070

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	32.6	21.4	32.2#

Instrument :
BNA_N
ClientSampleId :
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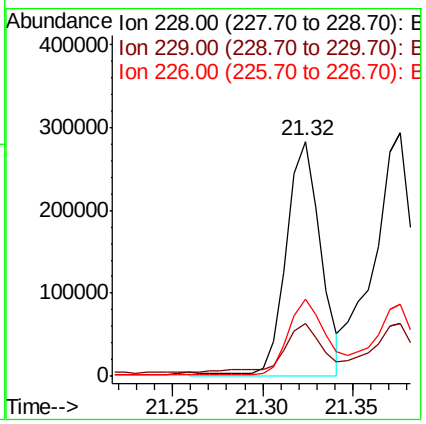
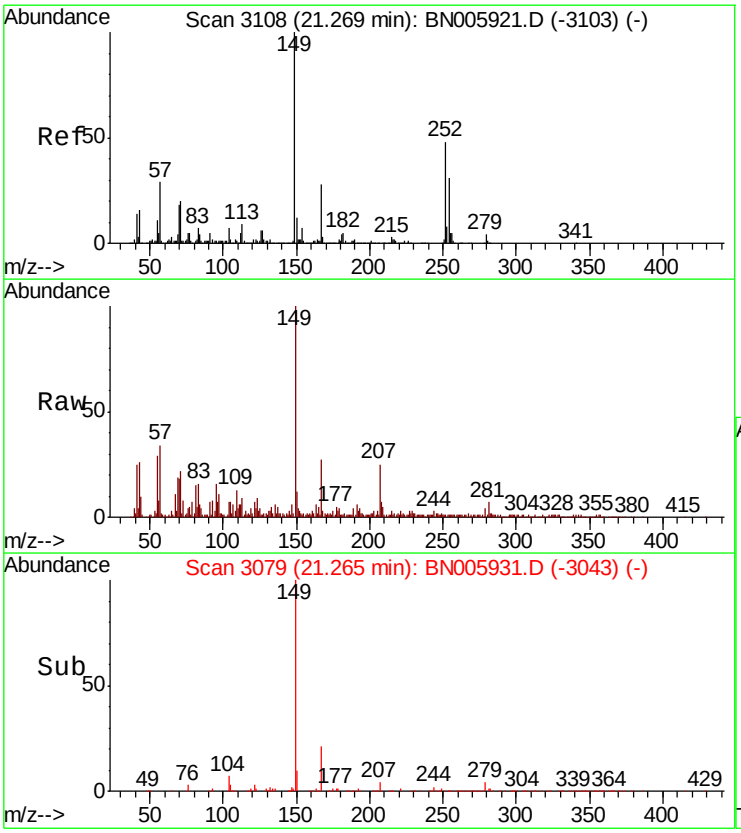
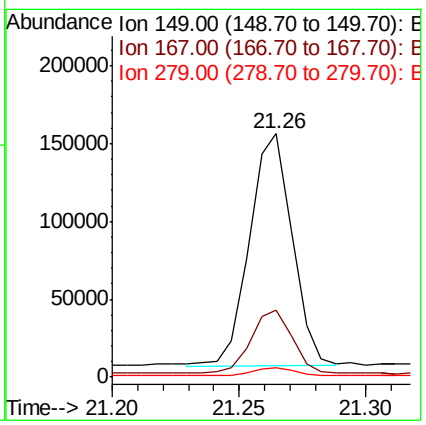


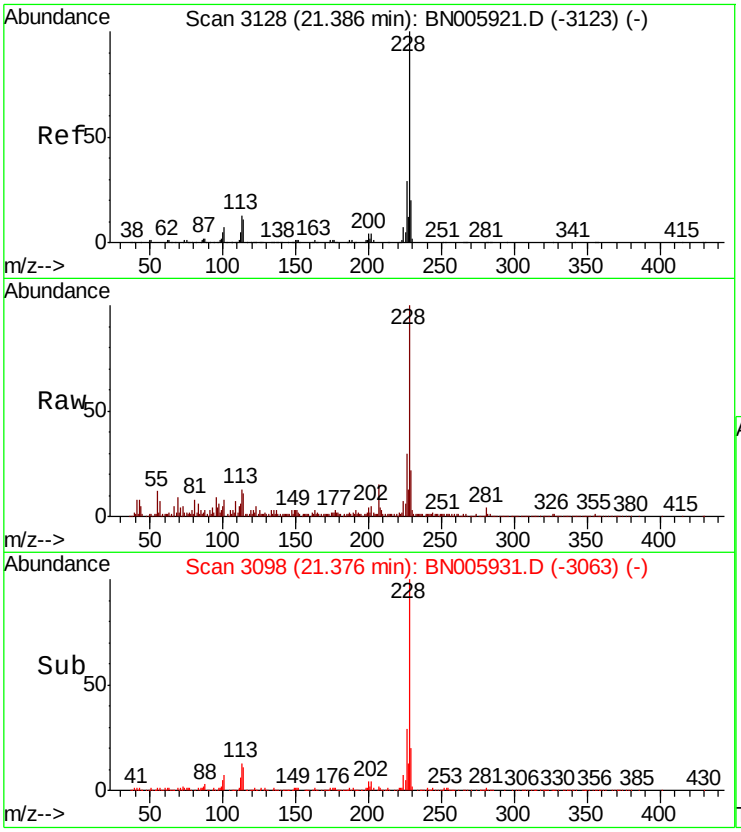


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.660 ng/ul
RT: 21.26 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:149 Resp: 174197

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.3	33.5
279	3.9	3.3	4.9

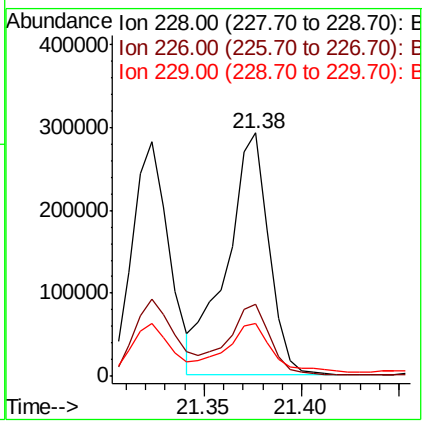




#84
Chrysene
Concen: 2.907 ng/ul
RT: 21.38 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:228 Resp: 433405

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.5	15.4	23.0



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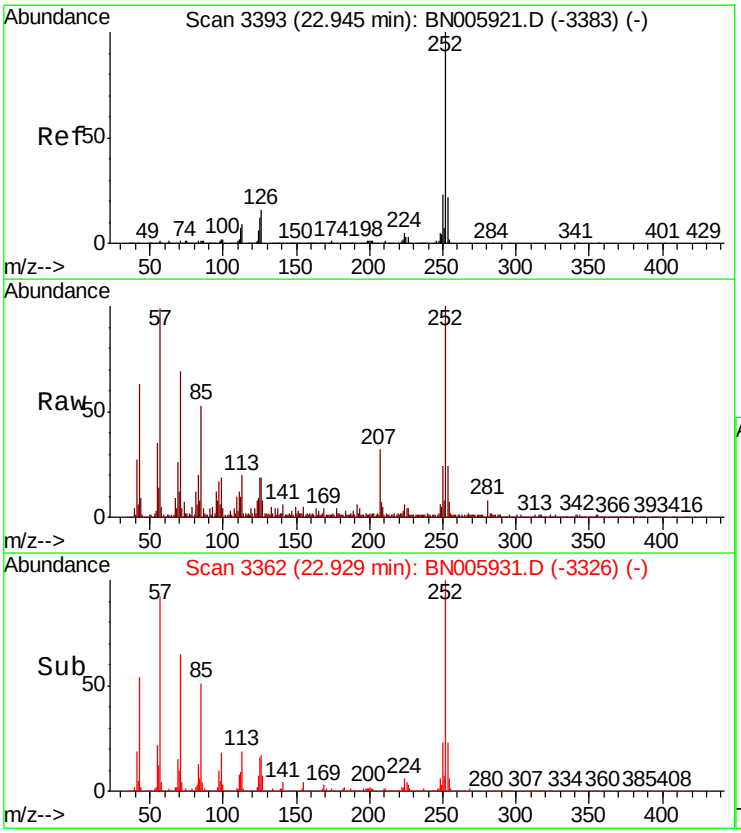
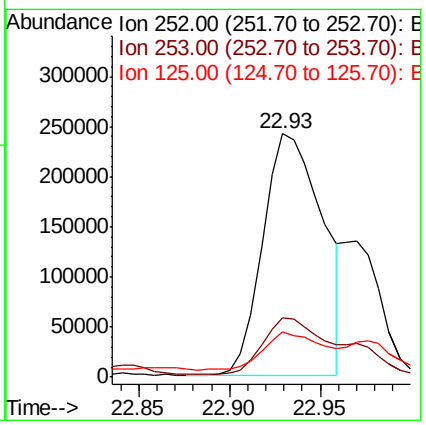
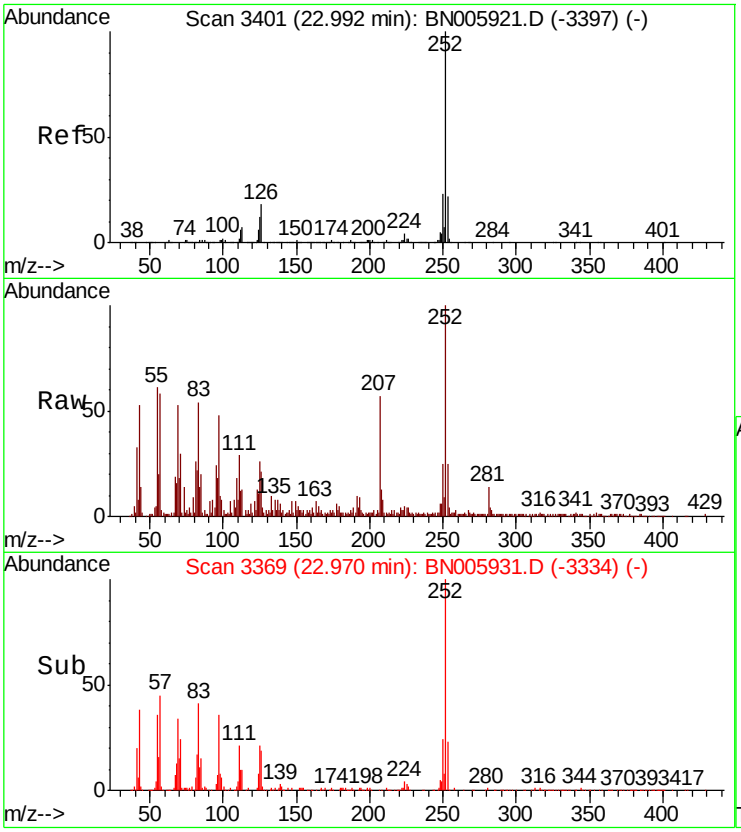


#87
Benzo(b)fluoranthene
Concen: 3.645 ng/ul
RT: 22.93 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:252 Resp: 554809

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	18.6	8.4	12.6#

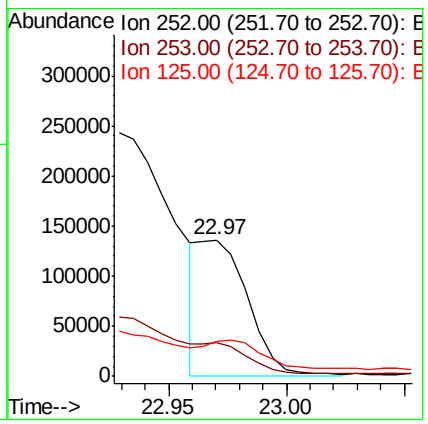




#88
Benzo(k)fluoranthene
Concen: 1.416 ng/ul m
RT: 22.97 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:252 Resp: 198229

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	25.7	7.5	11.3#



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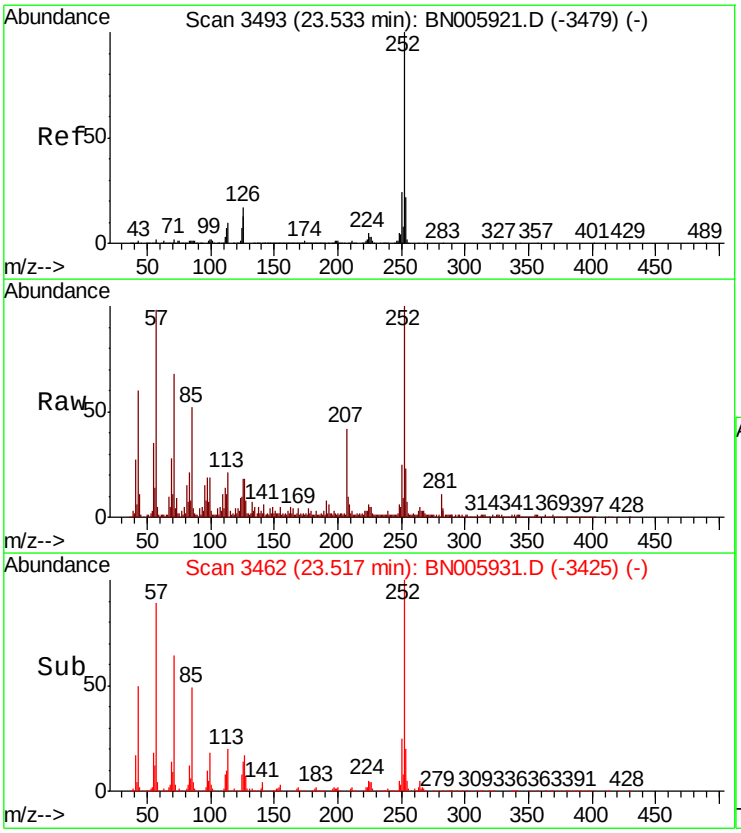
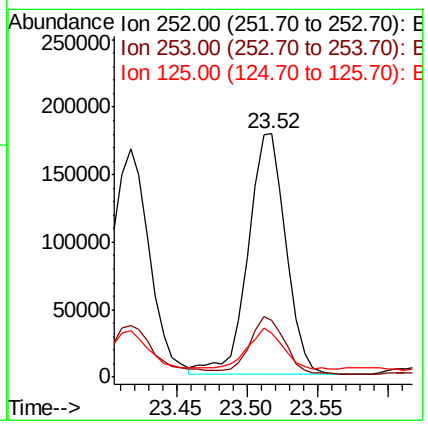
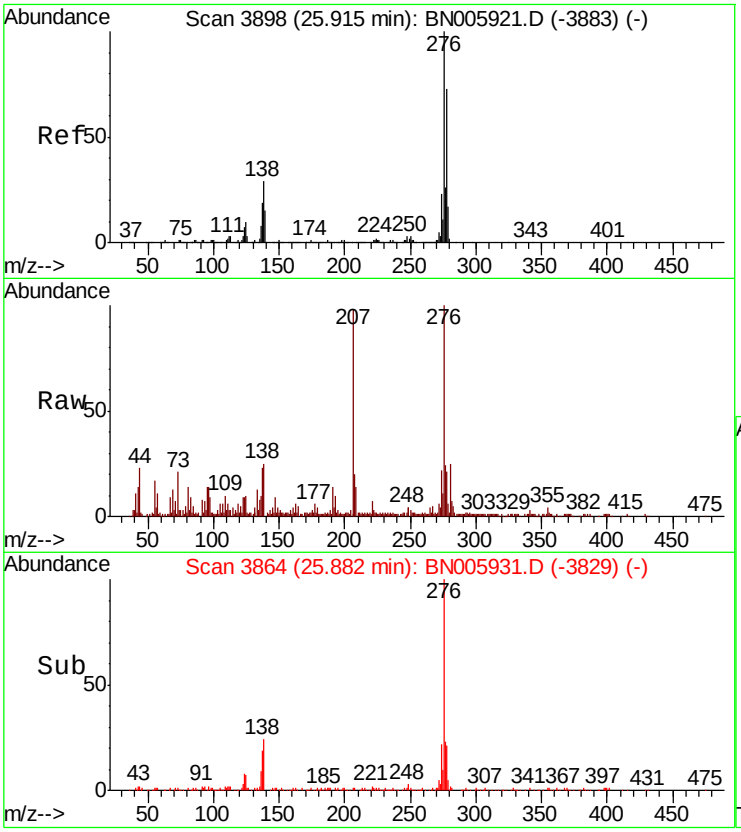


#90
Benzo(a)pyrene
Concen: 2.343 ng/ul
RT: 23.52 min Scan# 3462
Delta R.T. 0.02 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:252 Resp: 336373

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	18.1	8.6	13.0#

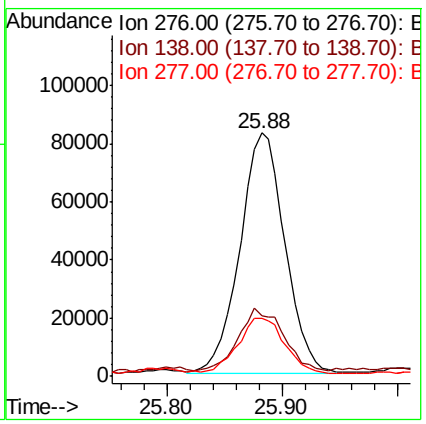




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.336 ng/ul
RT: 25.88 min Scan# 3864
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:276 Resp: 225066

Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.9	26.9
277	23.6	19.7	29.5



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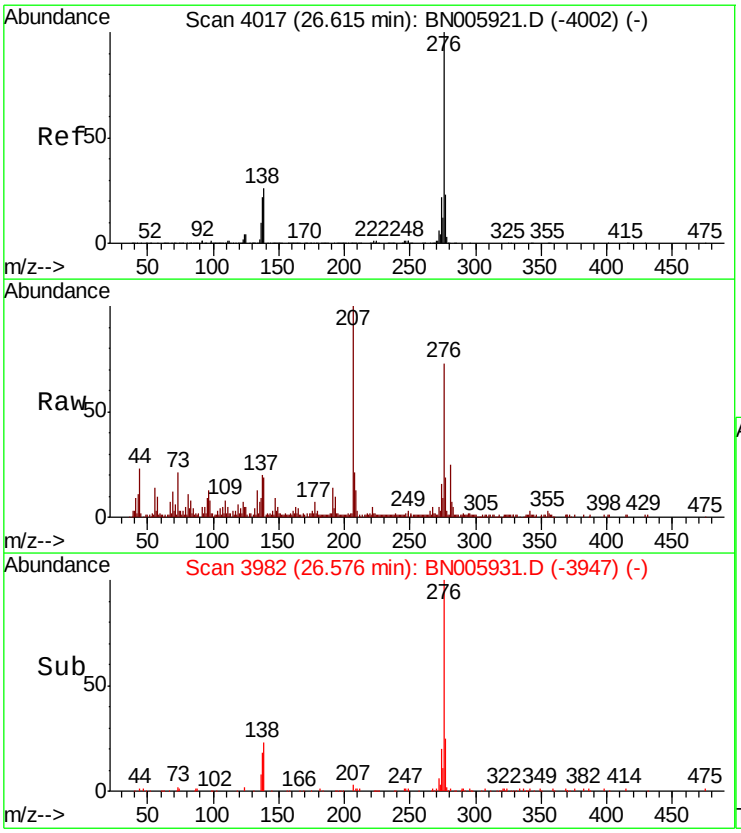

#93
Benzo(g,h,i)perylene
Concen: 1.244 ng/ul
RT: 26.58 min Scan# 3982
Delta R.T. 0.01 min
Lab File: BN005931.D
Acq: 29 May 2019 15:37

Tgt Ion:276 Resp: 176561

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.7	25.1#
277	25.7	18.2	27.2