Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005476.D
Acq On : 04 May 2019 05:52
Operator : JU/SJ
Sample : K2634-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJB2MSD

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Quant Time: May 06 02:38:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	298992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1279254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	768716	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1644060	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1215226	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1249302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	22077	3.57	ng/uL	0.00
5) Phenol-d5	6.78	99	485149	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	292360	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	403172	22.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	404397	22.03	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	219814	27.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	251367	31.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	425797	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	477965	25.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1377550	24.69	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1616684	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	181113	20.56	ng/ul	0.00
57) Fluorene-d10	15.22	176	1122802	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	165450	22.38	ng/ul	0.00
70) Anthracene-d10	17.08	188	1658944	24.07	ng/ul	0.00
78) Pyrene-d10	19.39	212	1606980	25.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1246305	22.83	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	519730	21.517	ng/ul	99
10) 2-Chlorophenol	7.16	128	414617	22.316	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	356776	22.703	ng/ul	90
33) 4-Chloro-3-methylphenol	11.65	107	447138	21.991	ng/ul	96
44) Dimethylphthalate	13.69	163	355296	6.390	ng/ul	99
47) Acenaphthylene	13.94	152	523925	7.779	ng/ul	99
49) Acenaphthene	14.29	153	1074731	23.373	ng/ul	98
52) 4-Nitrophenol	14.46	109	163507	20.444	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	406387	29.362	ng/ul#	85
68) Pentachlorophenol	16.64	266	234581	22.716	ng/ul	96
69) Phenanthrene	17.02	178	124119	1.550	ng/ul	97
71) Anthracene	17.11	178	179102	2.196	ng/ul	99
76) Fluoranthene	19.06	202	1572815	17.710	ng/ul	95
79) Pyrene	19.43	202	5117047	65.398	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	1331499m	17.613	ng/ul	
84) Chrysene	21.25	228	1141204	16.265	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	899603	12.810	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	226077m	3.371	ng/ul	
90) Benzo(a)pyrene	23.33	252	851598	12.901	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	361611	4.955	ng/ul	97
92) Dibenzo(a,h)anthracene	25.61	278	127835	2.064	ng/ul	99
93) Benzo(g,h,i)perylene	26.27	276	222031	3.679	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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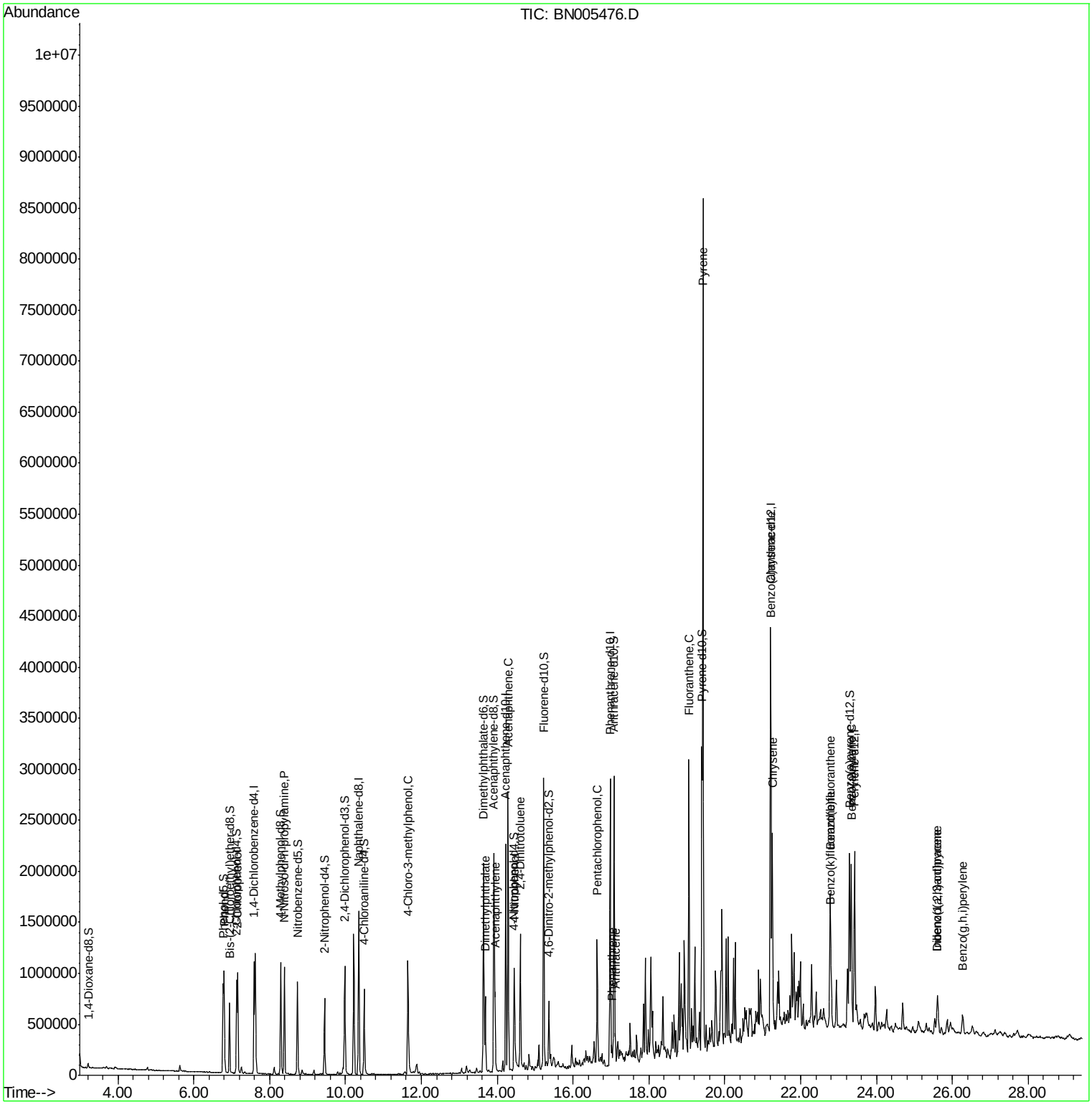
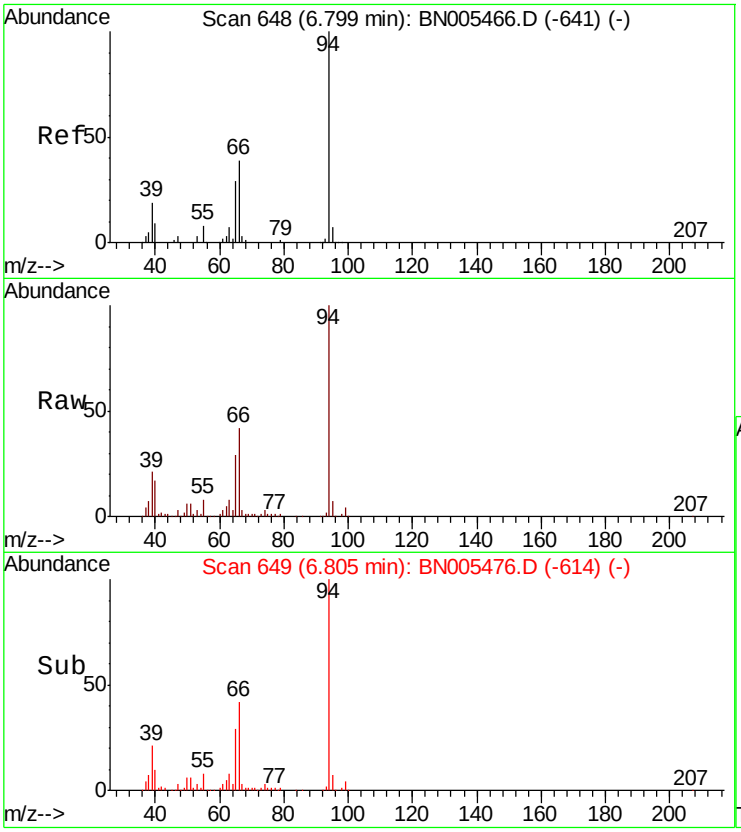
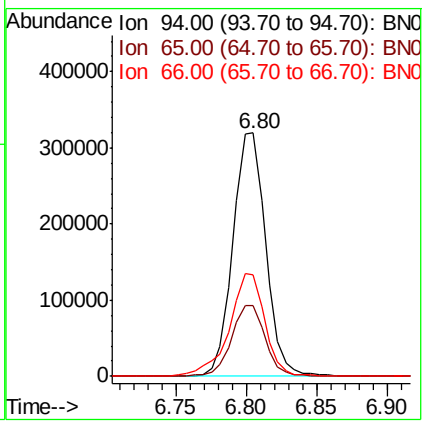




#6
Phenol
Concen: 21.517 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion: 94 Resp: 519730

Ion	Ratio	Lower	Upper
94	100		
65	29.3	24.2	36.4
66	41.8	33.8	50.6



Instrument :
BNA_N
ClientSampleId :
GAJB2MSD

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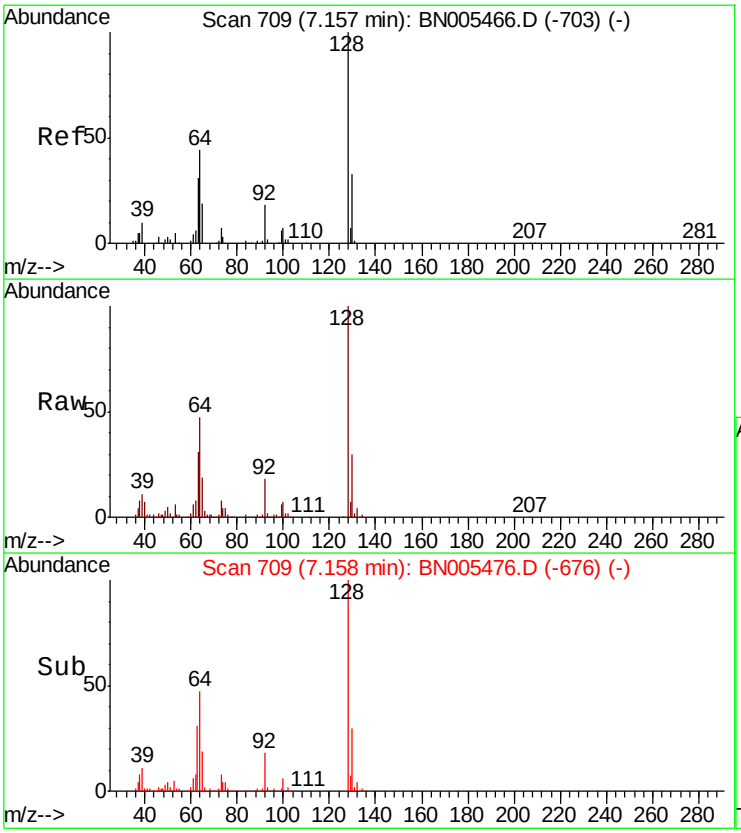
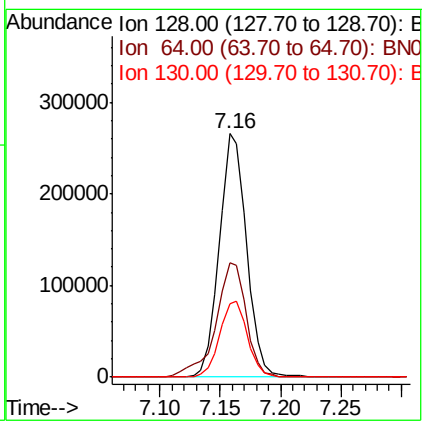
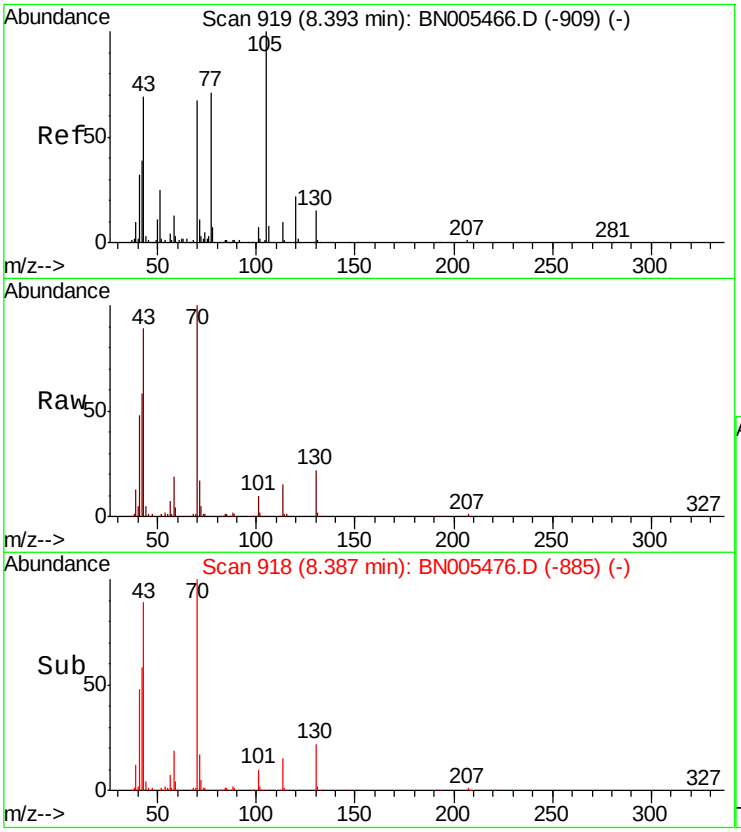


#10
2-Chlorophenol
Concen: 22.316 ng/ul
RT: 7.16 min Scan# 709
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:128 Resp: 414617

Ion	Ratio	Lower	Upper
128	100		
64	47.2	42.3	63.5
130	30.4	26.5	39.7

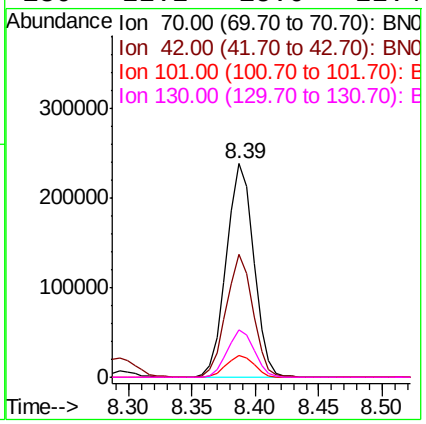




#15
N-Nitroso-di-n-propylamine
Concen: 22.703 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion: 70 Resp: 356776

Ion	Ratio	Lower	Upper
70	100		
42	57.6	53.8	80.8
101	10.5	7.7	11.5
130	22.2	15.0	22.4



Instrument :
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ClientSampleId :
GAJB2MSD

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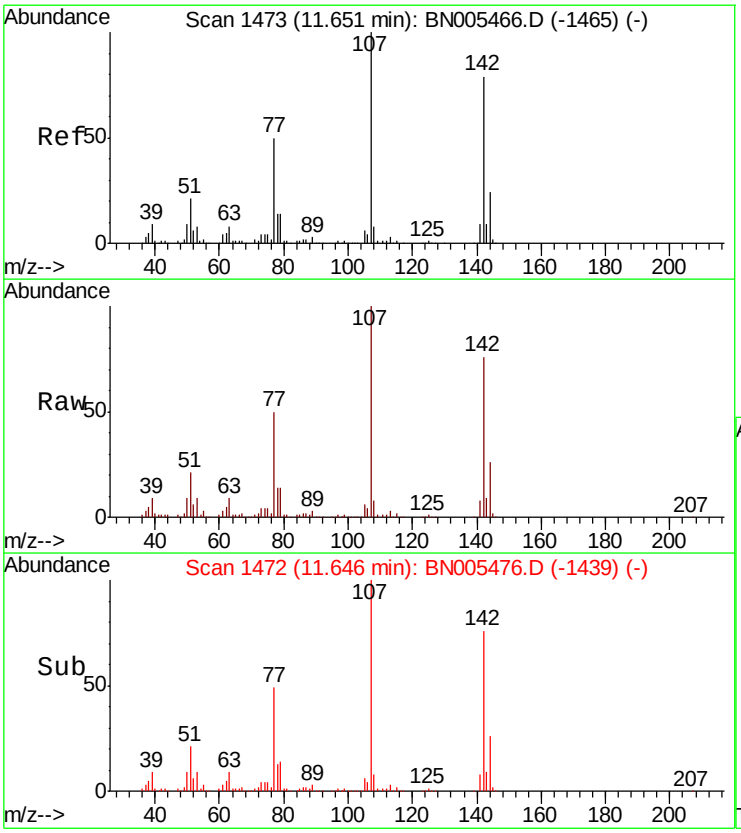
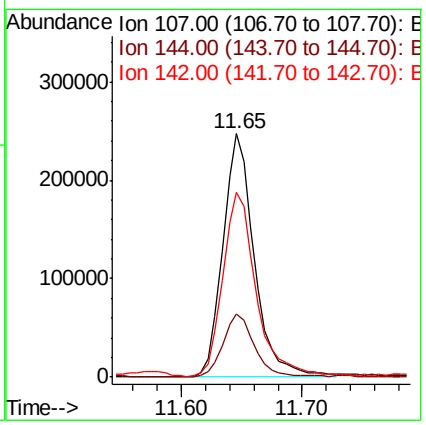
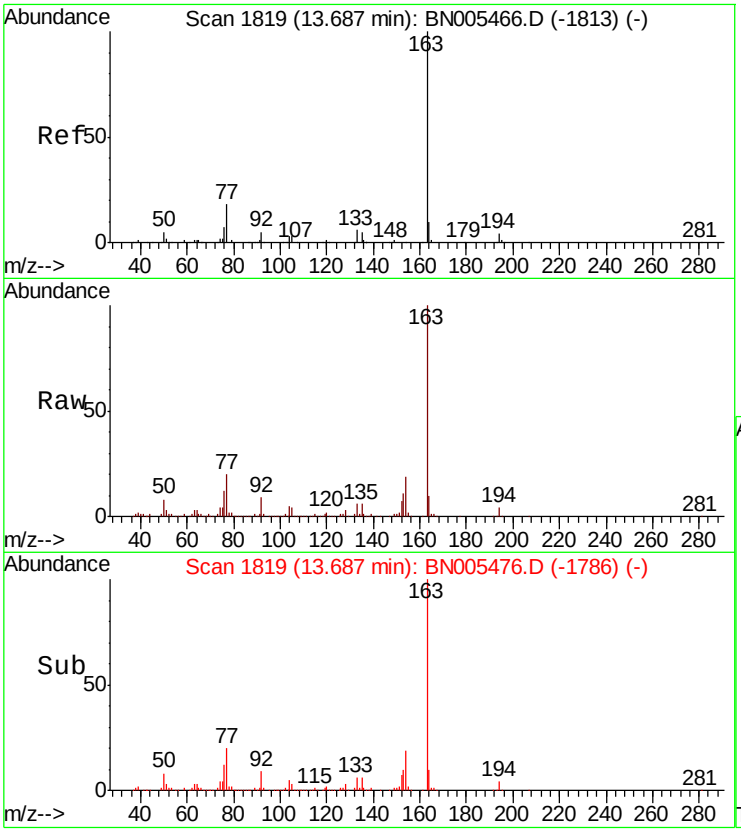


#33
4-Chloro-3-methylphenol
Concen: 21.991 ng/ul
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:107 Resp: 447138

Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.4	29.0
142	75.9	57.7	86.5

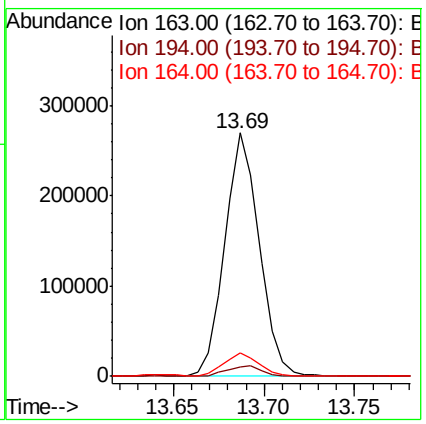




#44
Dimethylphthalate
Concen: 6.390 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:163 Resp: 355296

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.6	8.1	12.1



Instrument :
BNA_N
ClientSampleId :
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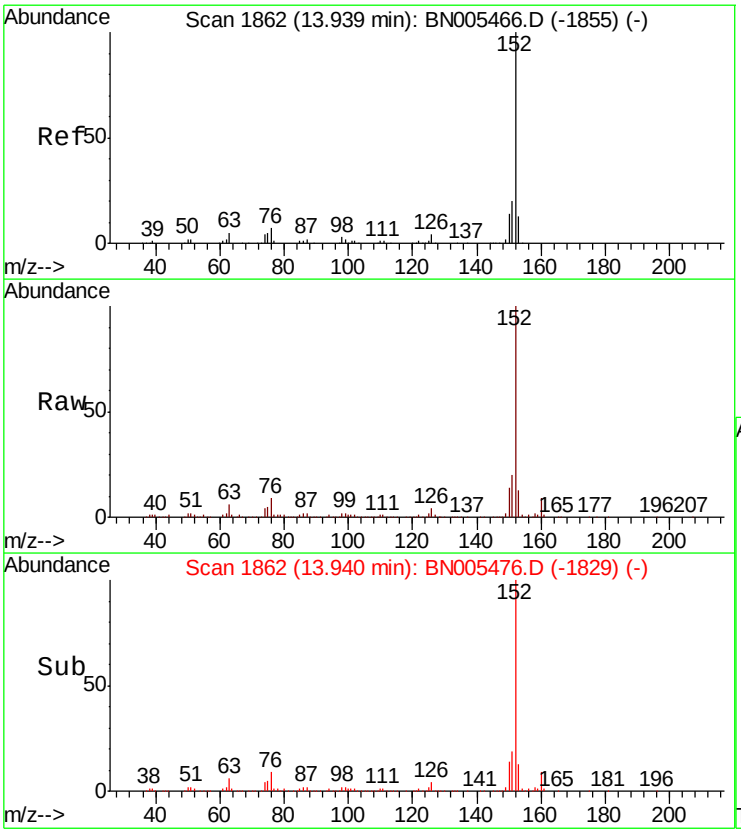
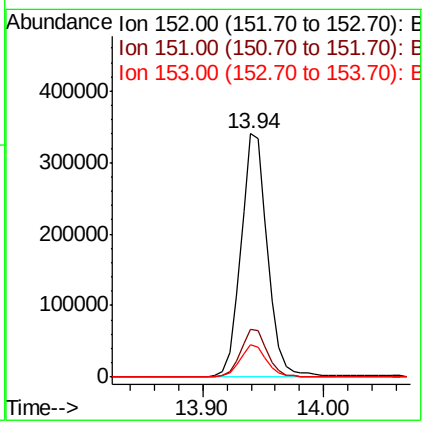
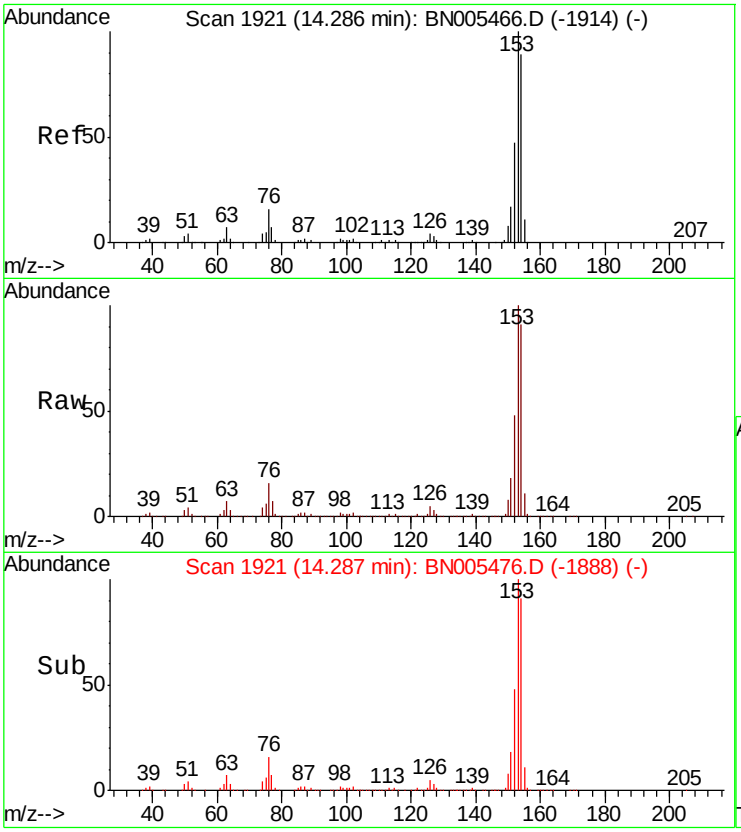


#47
Acenaphthylene
Concen: 7.779 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:152 Resp: 523925

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.4	9.8	14.8

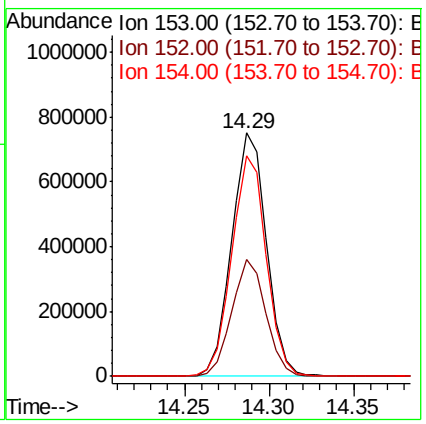




#49
Acenaphthene
Concen: 23.373 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:153 Resp: 1074731

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.4	56.0
154	90.6	71.2	106.8



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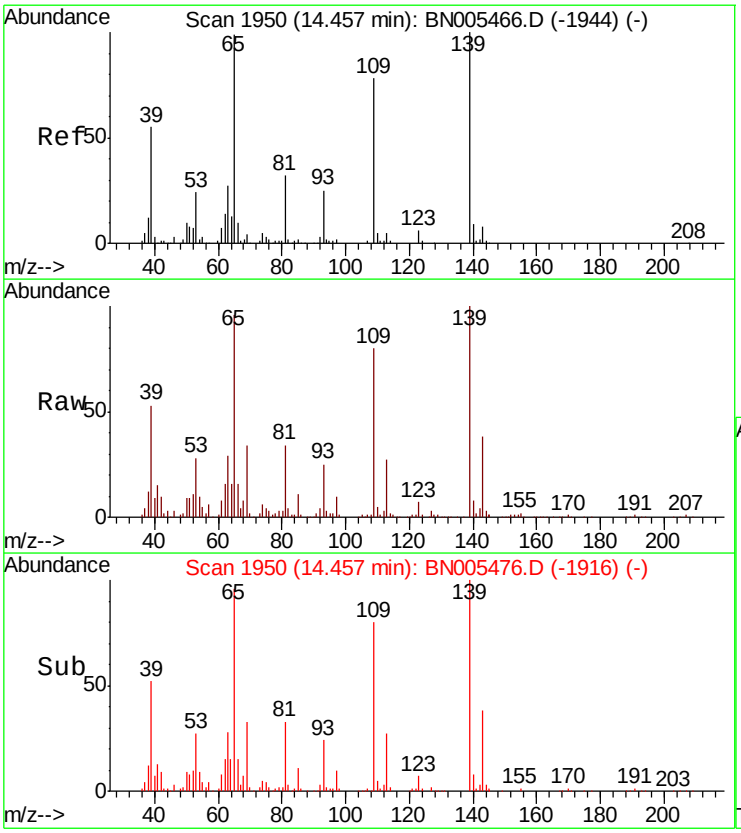
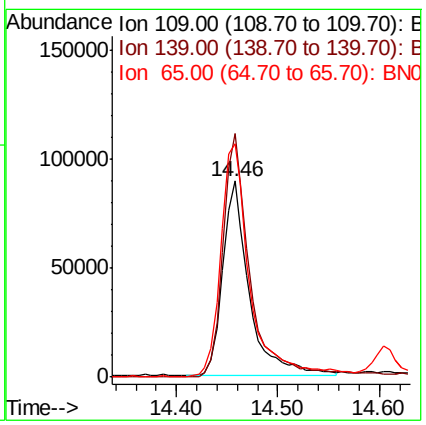
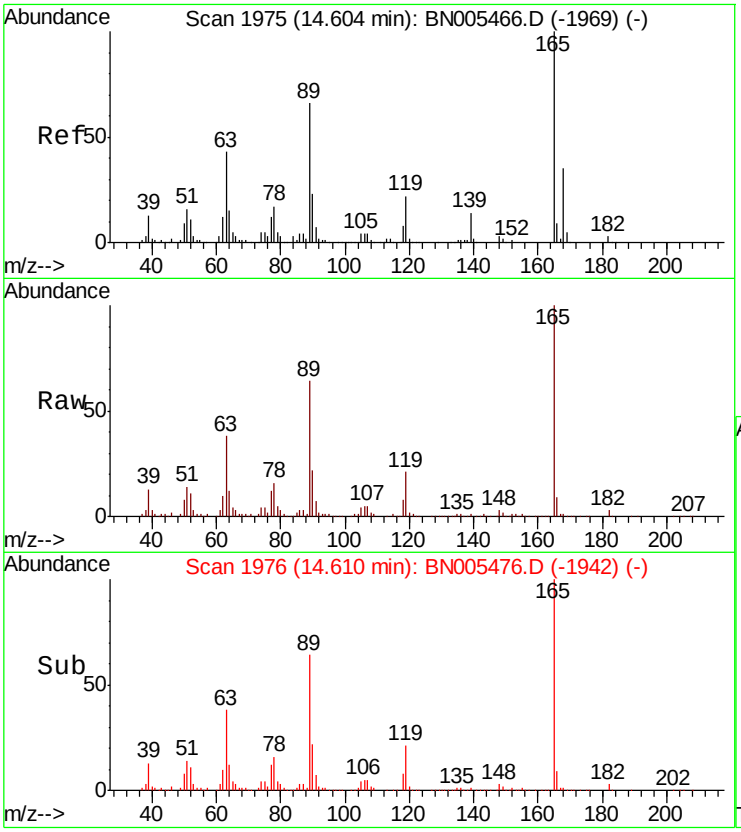


#52
4-Nitrophenol
Concen: 20.444 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:109 Resp: 163507

Ion	Ratio	Lower	Upper
109	100		
139	124.4	92.3	138.5
65	119.5	97.5	146.3

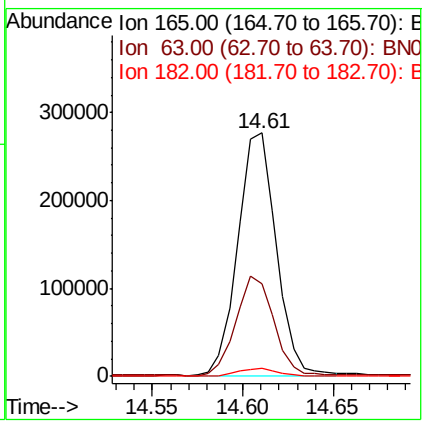




#54
2,4-Dinitrotoluene
Concen: 29.362 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:165 Resp: 406387

Ion	Ratio	Lower	Upper
165	100		
63	37.9	38.9	58.3#
182	3.2	2.6	3.8



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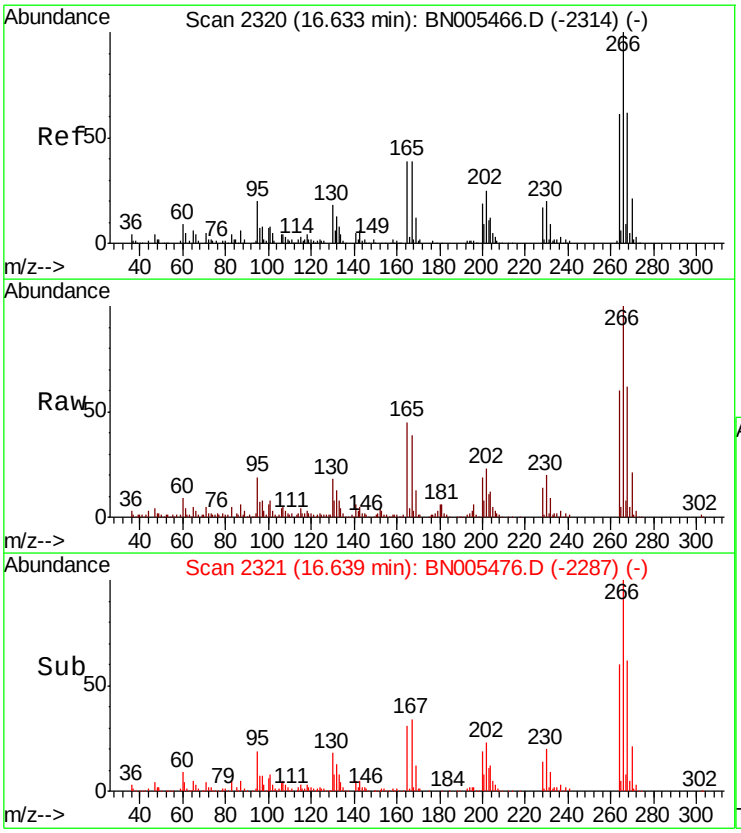
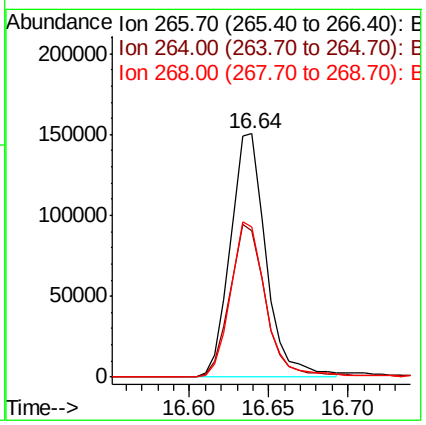
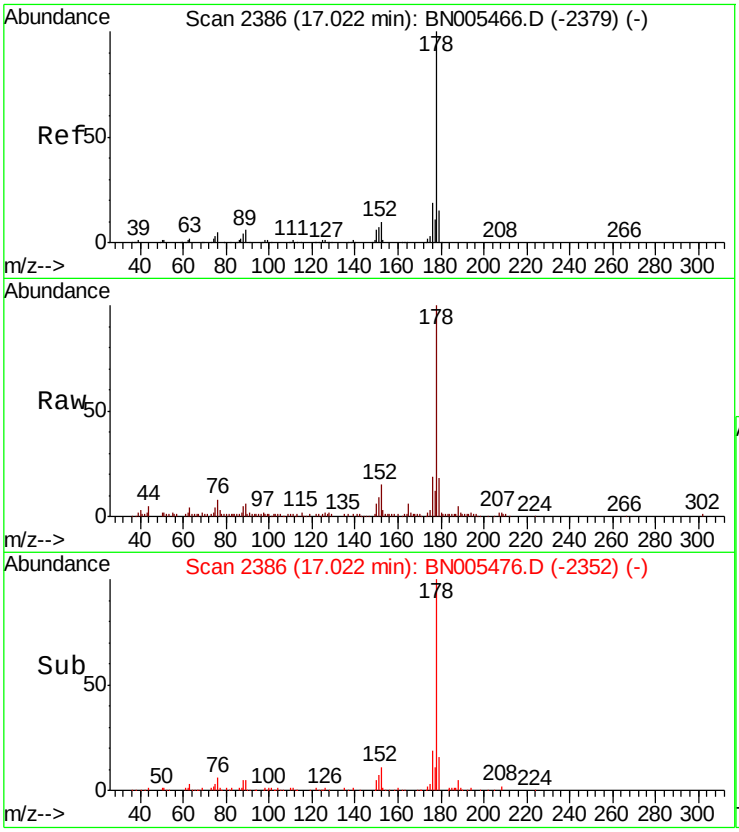


#68
Pentachlorophenol
Concen: 22.716 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:266 Resp: 234581

Ion	Ratio	Lower	Upper
266	100		
264	60.1	49.7	74.5
268	61.9	52.4	78.6

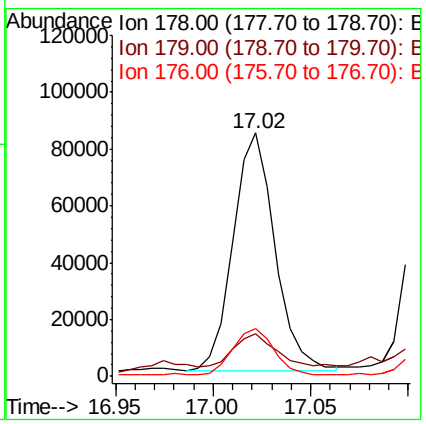




#69
Phenanthrene
Concen: 1.550 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:178 Resp: 124119

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.2	18.4
176	19.4	15.1	22.7



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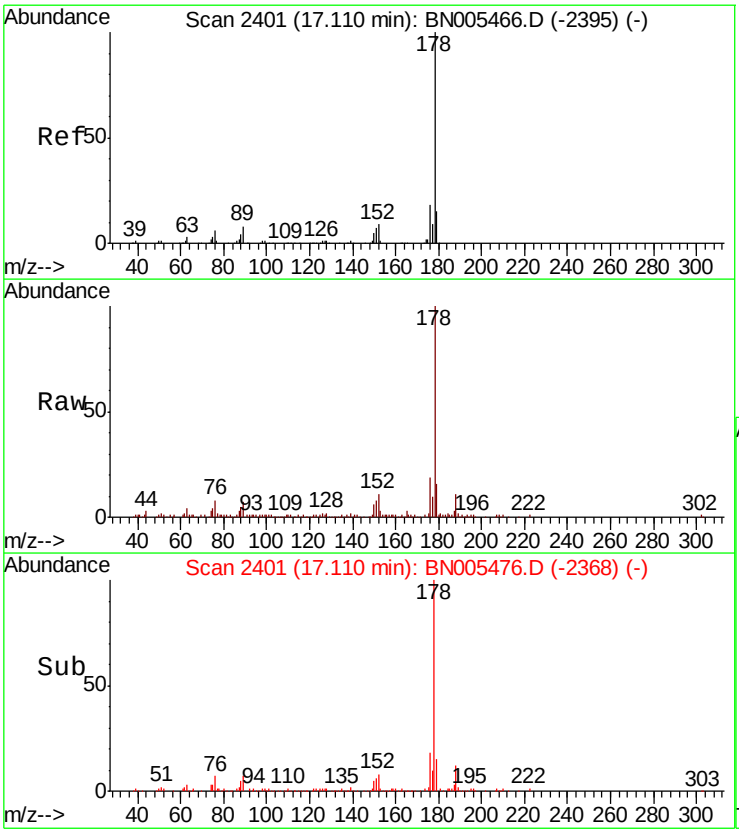
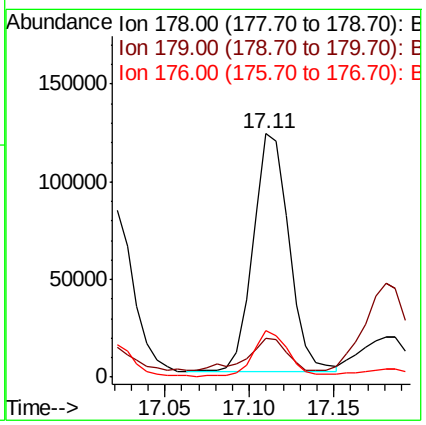
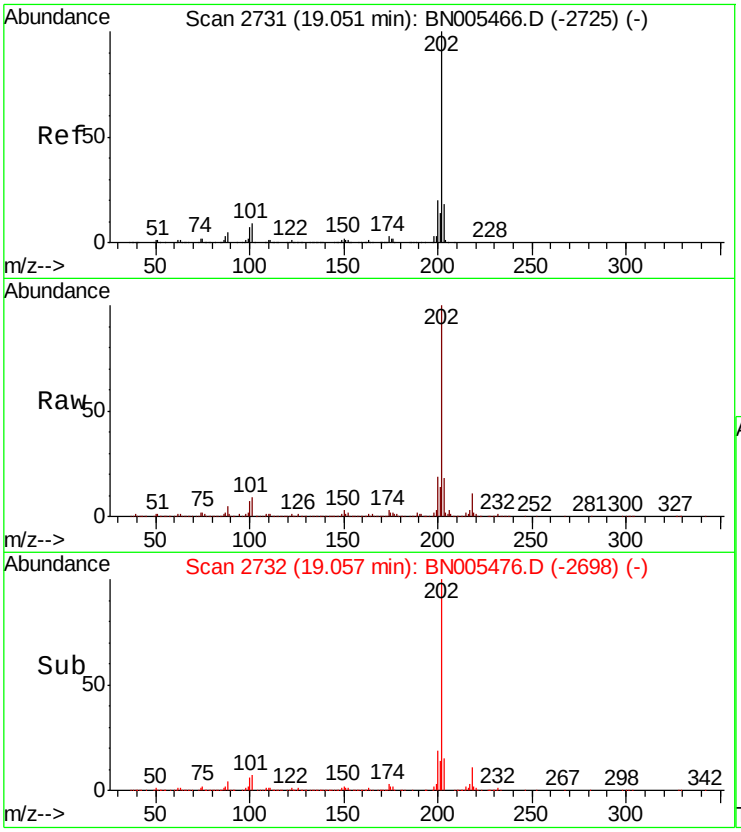


#71
Anthracene
Concen: 2.196 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:178 Resp: 179102

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	18.8	15.1	22.7

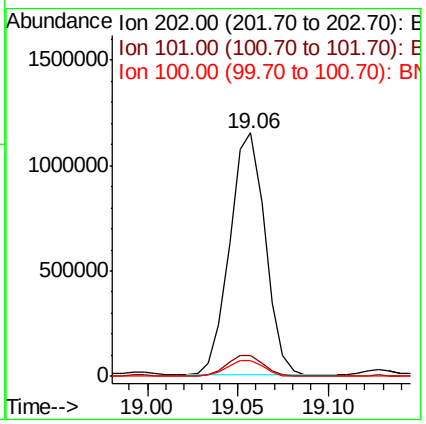




#76
Fluoranthene
Concen: 17.710 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:202 Resp: 1572815

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.6	12.8
100	6.6	6.3	9.5



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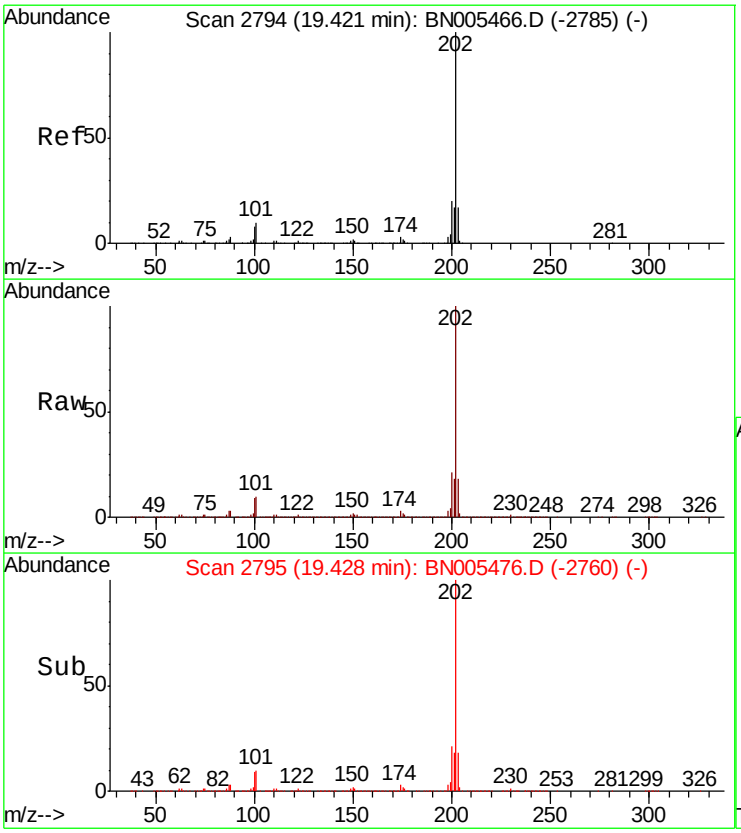
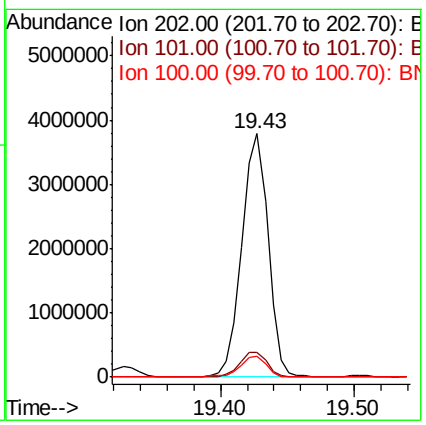
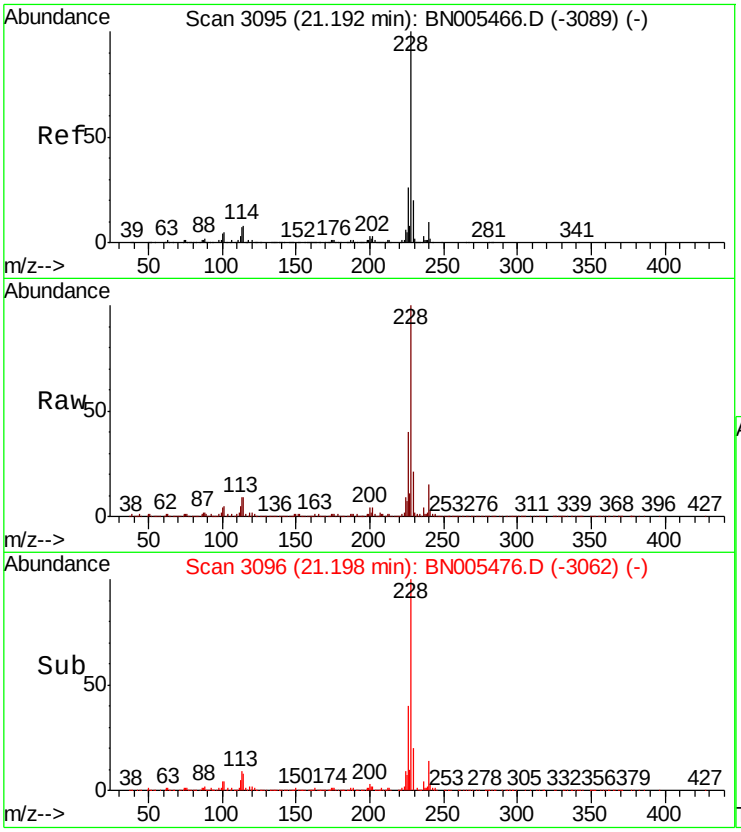


#79
Pyrene
Concen: 65.398 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:202 Resp: 5117047

Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.3	15.5#
100	8.5	7.9	11.9

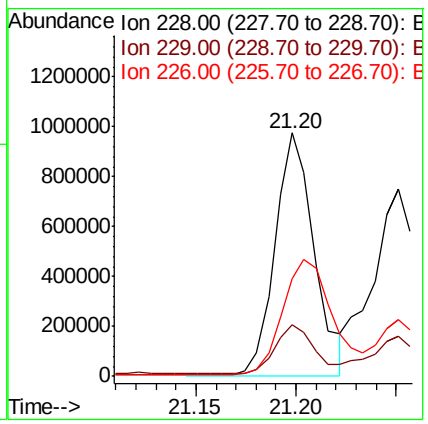




#82
Benzo(a)anthracene
Concen: 17.613 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:228 Resp: 1331499

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	40.3	21.4	32.2#



Instrument :
BNA_N
ClientSampleId :
GAJB2MSD

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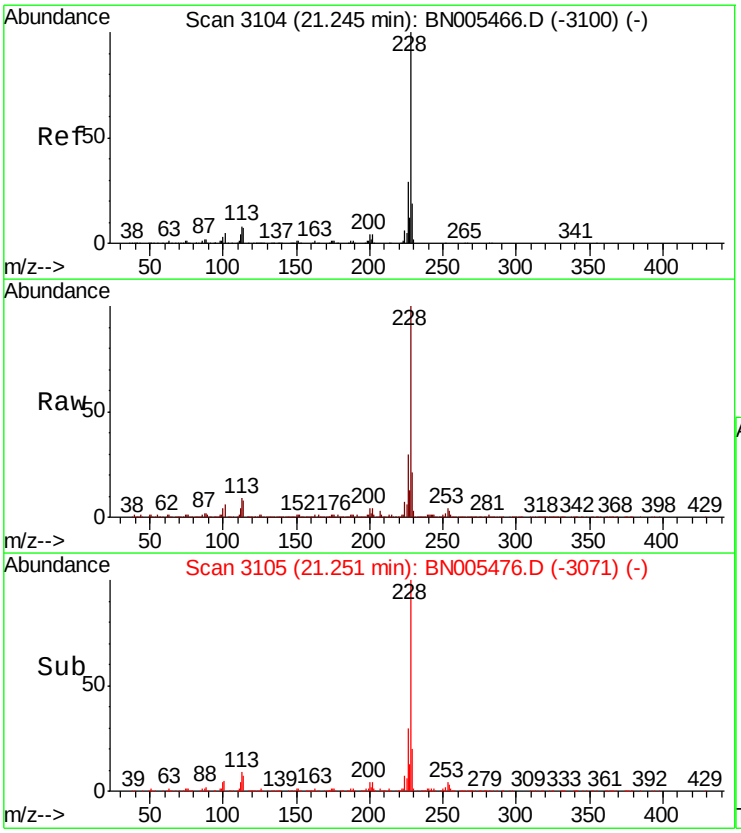
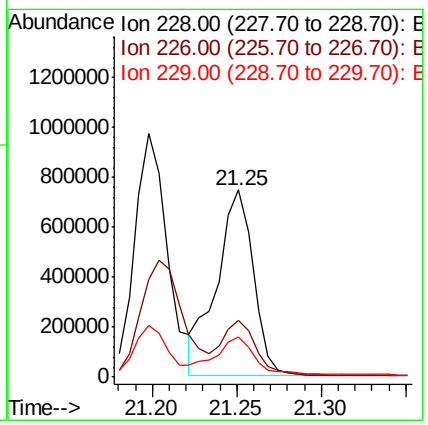
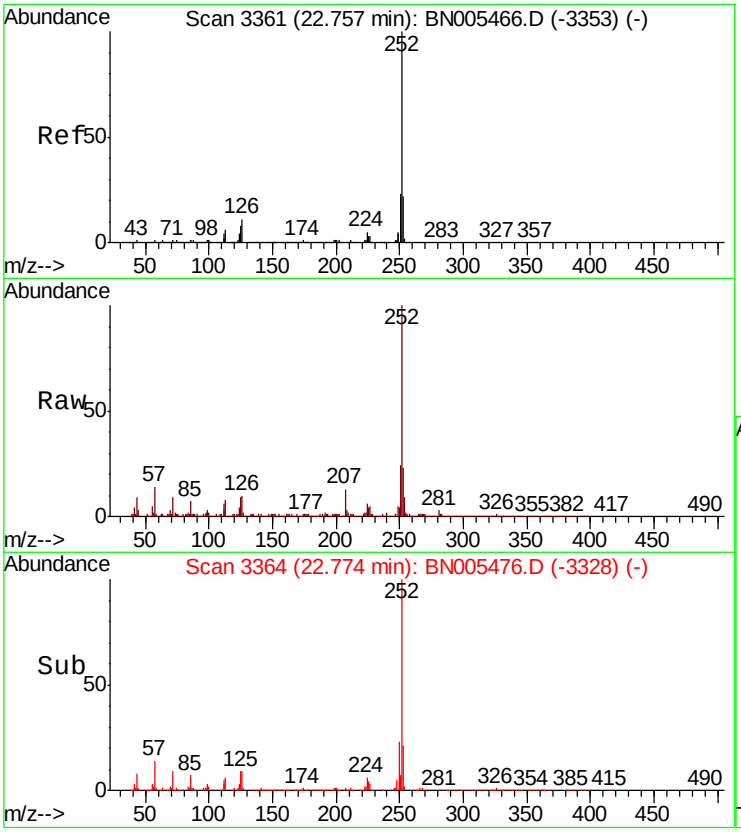


#84
Chrysene
Concen: 16.265 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:228 Resp: 1141204

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.1	15.4	23.0

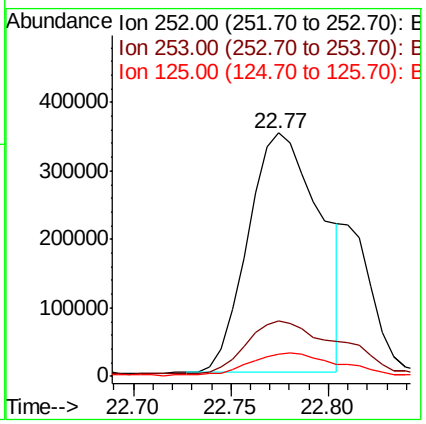




#87
Benzo(b)fluoranthene
Concen: 12.810 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:252 Resp: 899603

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.3	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
GAJB2MSD

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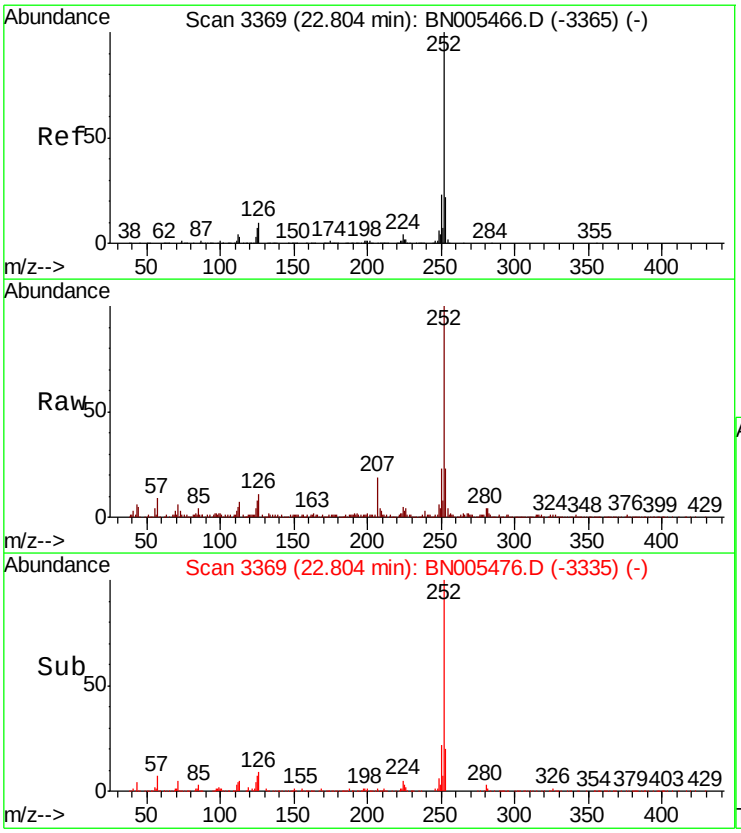
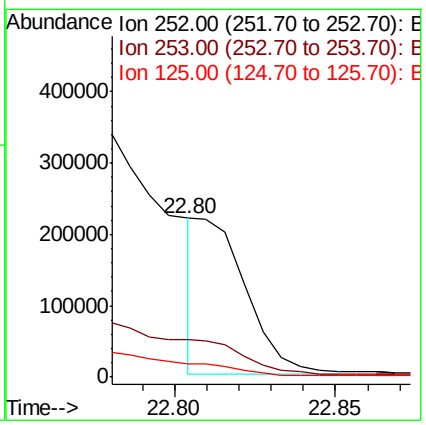
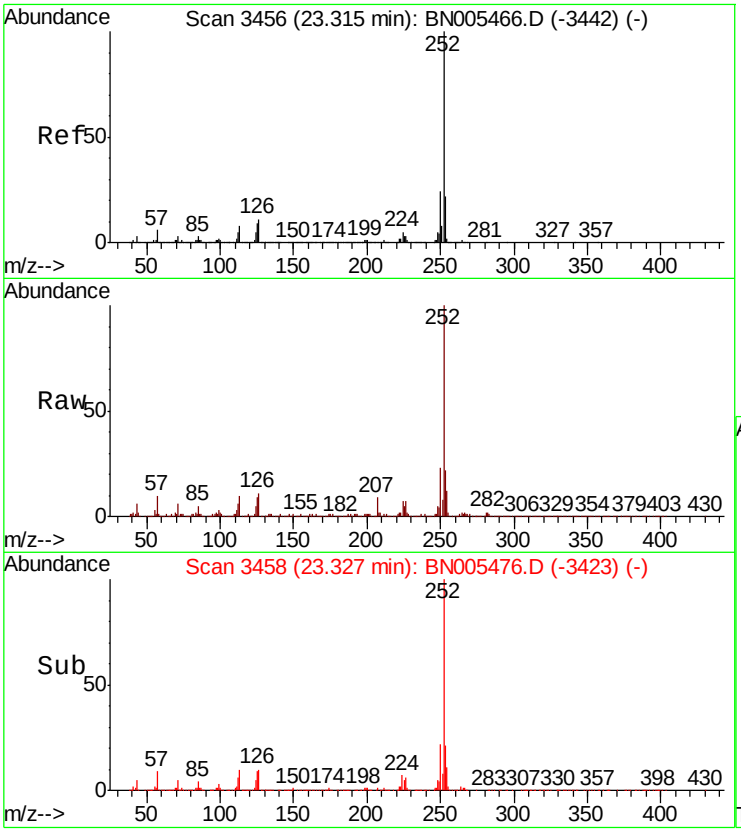


#88
Benzo(k)fluoranthene
Concen: 3.371 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:252 Resp: 226077

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	8.1	7.5	11.3

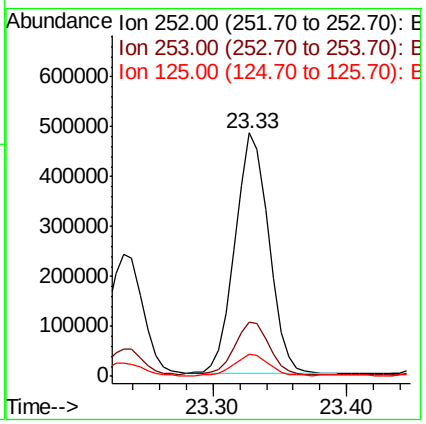




#90
Benzo(a)pyrene
Concen: 12.901 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:252 Resp: 851598

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.3	8.6	13.0



Instrument :
BNA_N
ClientSampleId :
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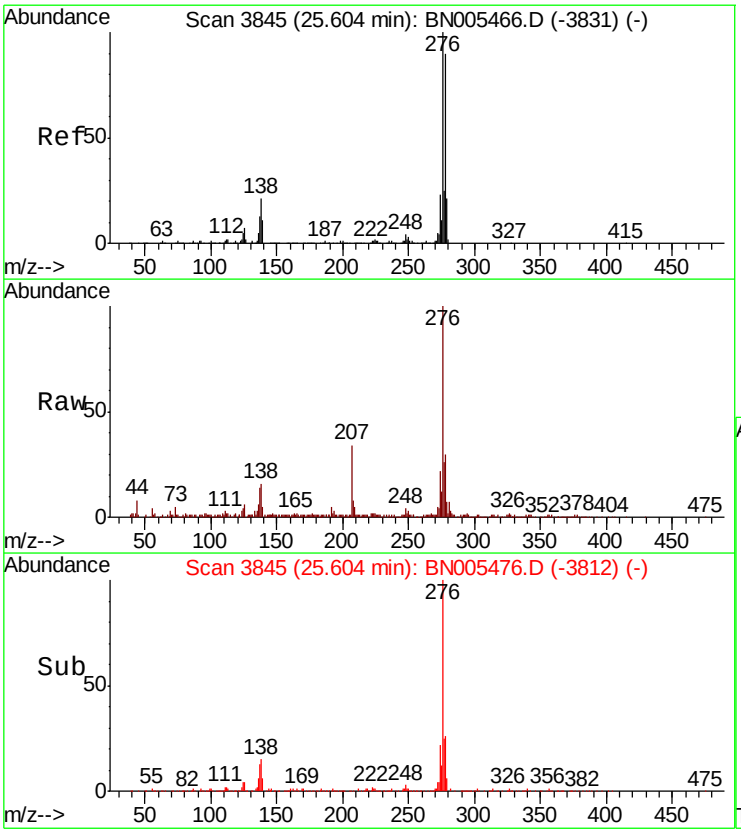
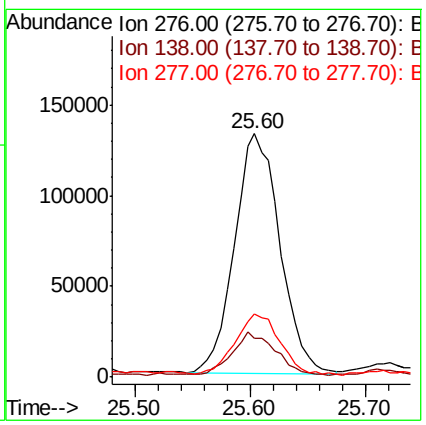
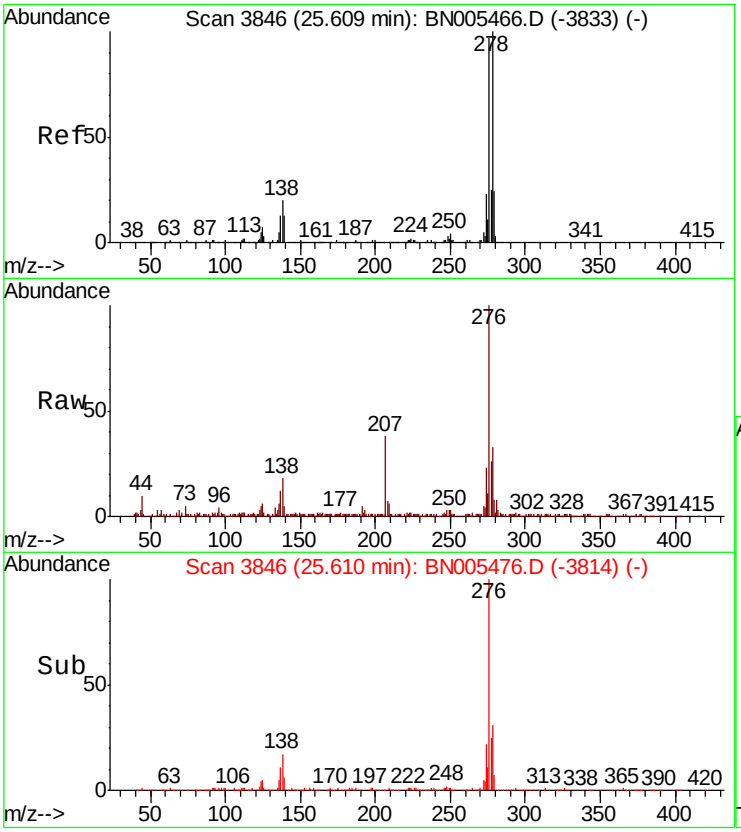


#91
Indeno(1,2,3-cd)pyrene
Concen: 4.955 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:276 Resp: 361611

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.9	26.9
277	26.2	19.7	29.5

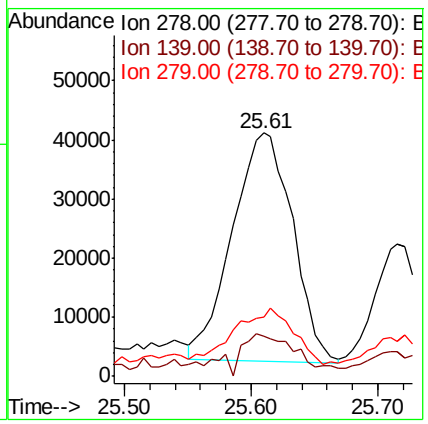




#92
Dibenzo(a,h)anthracene
Concen: 2.064 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:278 Resp: 127835

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.6	19.4	29.0



Instrument :
BNA_N
ClientSampleId :
GAJB2MSD

Manual Integrations APPROVED
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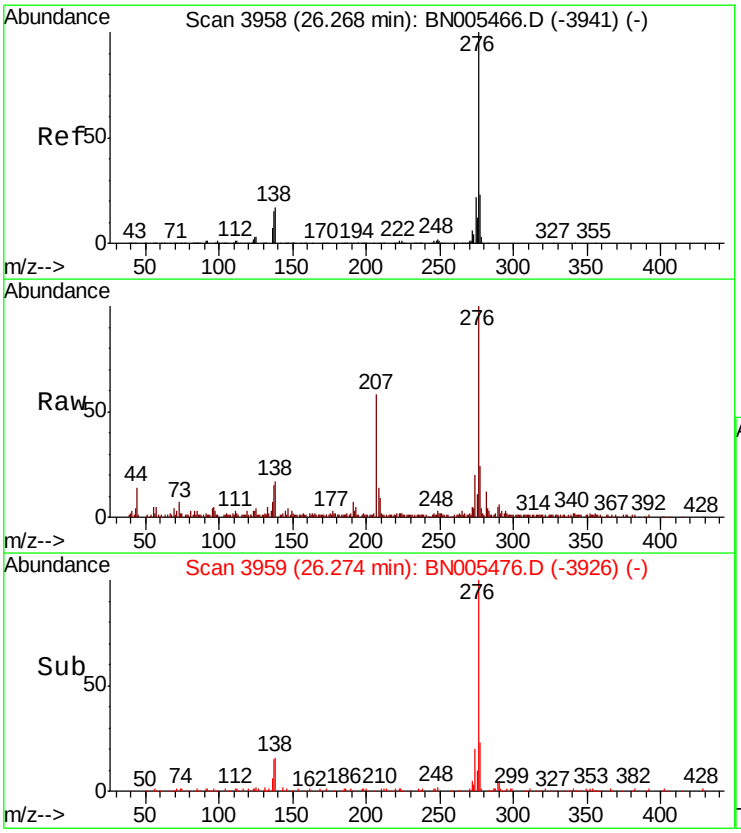

#93
Benzo(g,h,i)perylene
Concen: 3.679 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BN005476.D
Acq: 04 May 2019 05:52

Tgt Ion:276 Resp: 222031

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.7	25.1
277	24.3	18.2	27.2