Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005475.D
Acq On : 04 May 2019 05:18
Operator : JU/SJ
Sample : K2634-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJB2MS

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Quant Time: May 06 02:36:00 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	303114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1296026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	777031	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1630745	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1223427	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1292264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16070	2.56	ng/uL	0.00
5) Phenol-d5	6.78	99	352093	14.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	210380	14.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	291361	15.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	264568	14.22	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	158484	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	177300	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	306902	16.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	328476	17.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1070959	18.99	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1214185	17.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	140599	15.79	ng/ul	0.00
57) Fluorene-d10	15.22	176	852259	18.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	117334	16.00	ng/ul	0.00
70) Anthracene-d10	17.07	188	1257183	18.39	ng/ul	0.00
78) Pyrene-d10	19.39	212	1302486	20.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1073534	19.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	409504	16.723	ng/ul	98
10) 2-Chlorophenol	7.16	128	299298	15.890	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	256864	16.123	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.65	107	320299	15.549	ng/ul	96
44) Dimethylphthalate	13.69	163	213156	3.793	ng/ul	99
47) Acenaphthylene	13.94	152	363839	5.344	ng/ul	99
49) Acenaphthene	14.29	153	812347	17.477	ng/ul	99
52) 4-Nitrophenol	14.46	109	112494	13.915	ng/ul	92
54) 2,4-Dinitrotoluene	14.60	165	301027	21.517	ng/ul	91
68) Pentachlorophenol	16.63	266	178403	17.417	ng/ul	98
69) Phenanthrene	17.02	178	80894	1.019	ng/ul	99
71) Anthracene	17.11	178	128948	1.594	ng/ul	98
76) Fluoranthene	19.05	202	1165780	13.234	ng/ul	96
79) Pyrene	19.42	202	4058184	51.518	ng/ul	95
82) Benzo(a)anthracene	21.20	228	980345m	12.881	ng/ul	
84) Chrysene	21.25	228	879434	12.450	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	687184	9.460	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	198348m	2.859	ng/ul	
90) Benzo(a)pyrene	23.32	252	688558	10.084	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	286456	3.795	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.60	278	99490	1.553	ng/ul	92
93) Benzo(g,h,i)perylene	26.27	276	217253	3.480	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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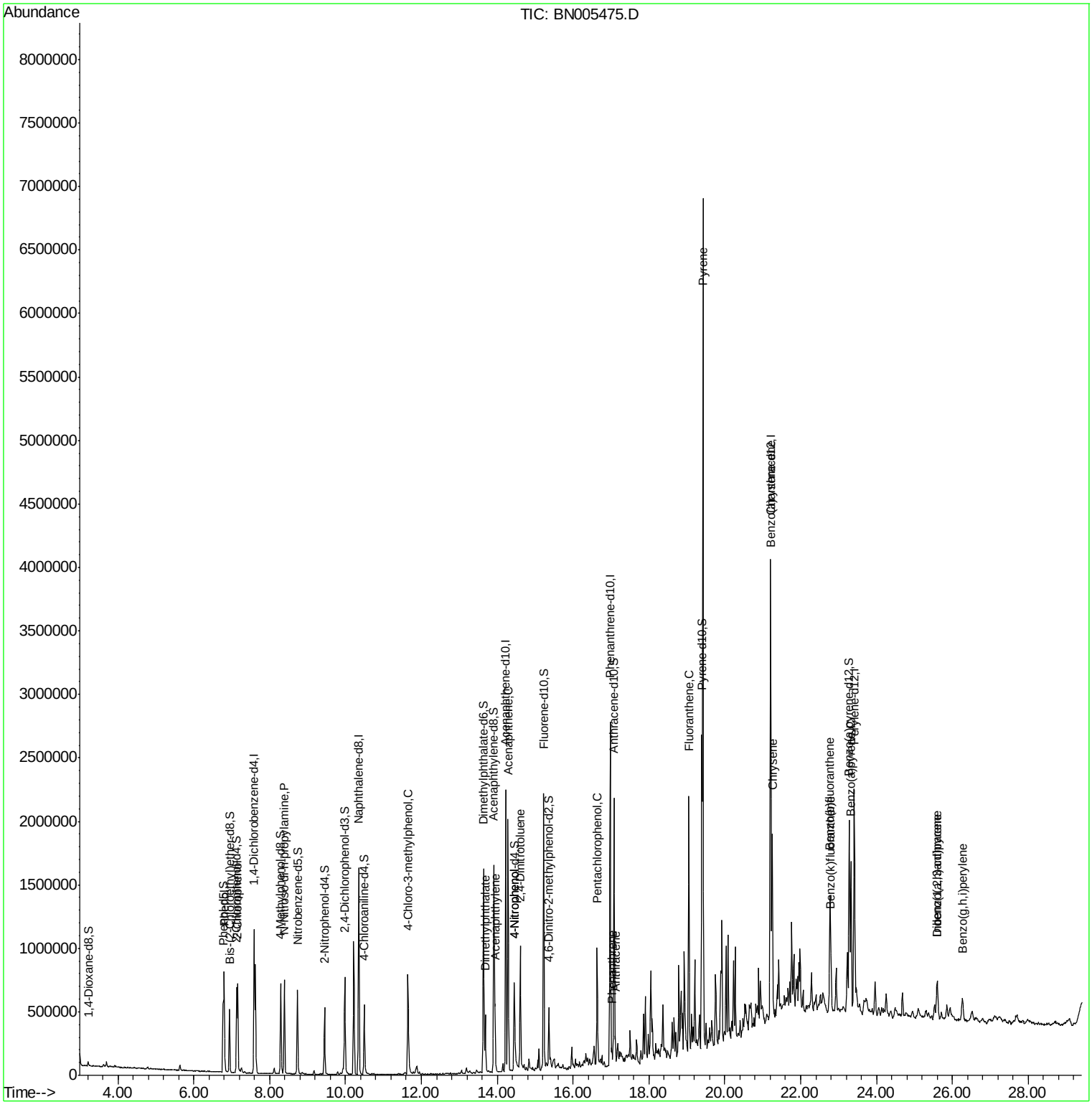
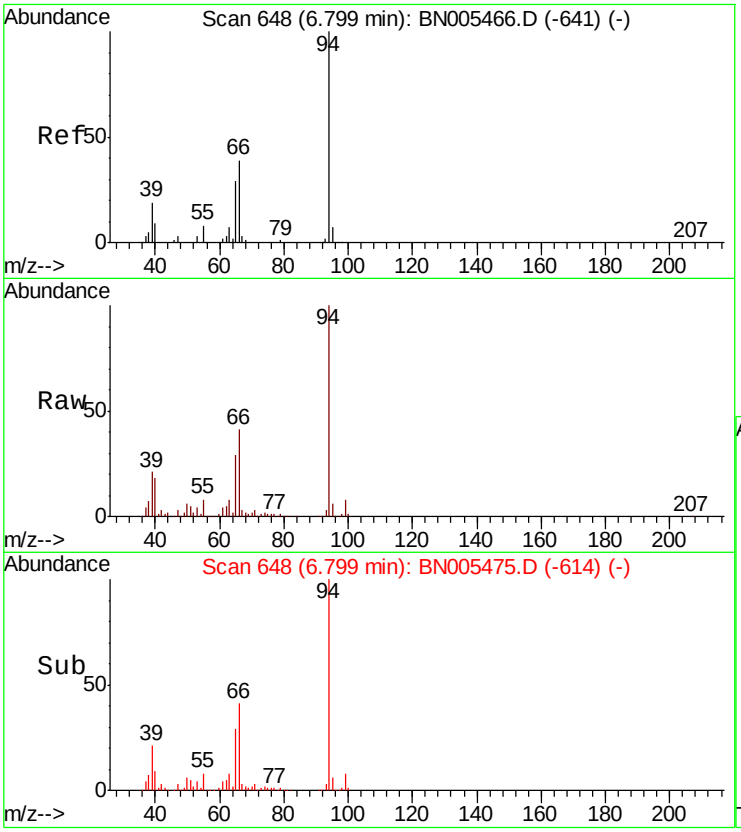
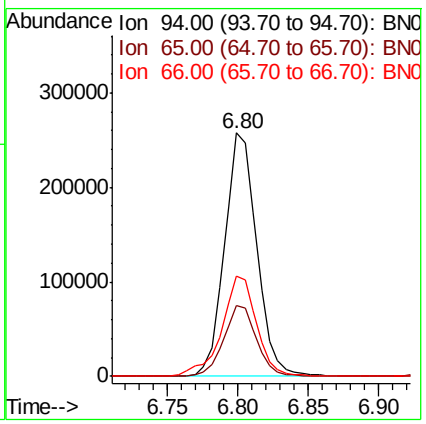




#6
Phenol
Concen: 16.723 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion: 94 Resp: 409504

Ion	Ratio	Lower	Upper
94	100		
65	28.9	24.2	36.4
66	41.1	33.8	50.6



Instrument :
BNA_N
ClientSampleId :
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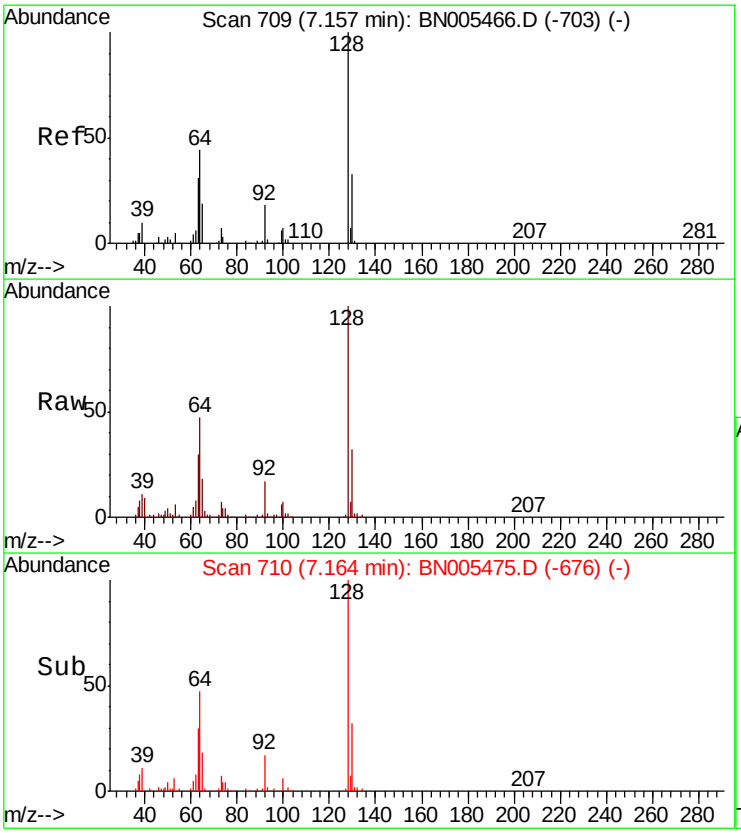
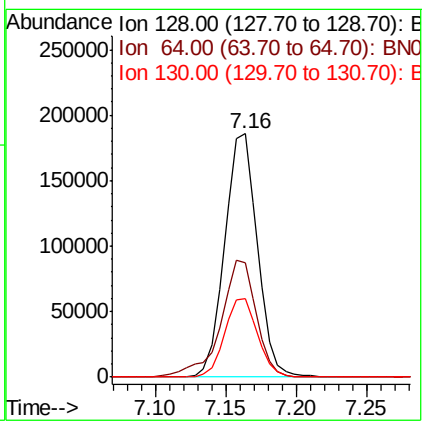
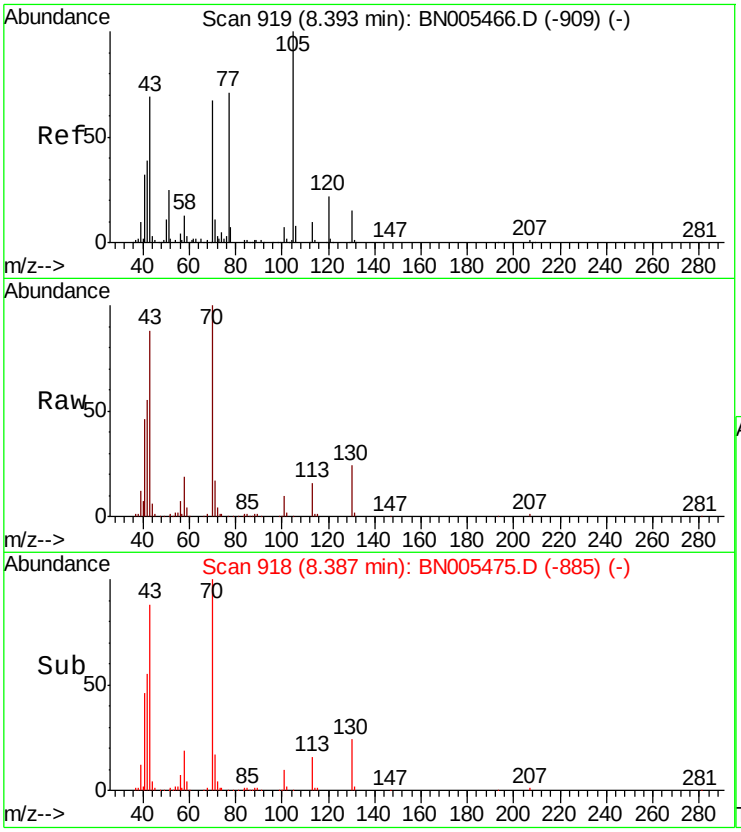


#10
2-Chlorophenol
Concen: 15.890 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:128 Resp: 299298

Ion	Ratio	Lower	Upper
128	100		
64	47.0	42.3	63.5
130	32.3	26.5	39.7

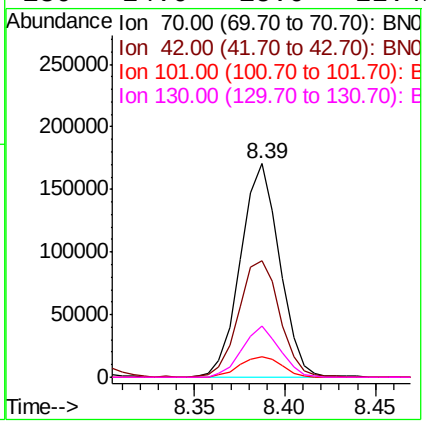




#15
N-Nitroso-di-n-propylamine
Concen: 16.123 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion: 70 Resp: 256864

Ion	Ratio	Lower	Upper
70	100		
42	54.8	53.8	80.8
101	9.8	7.7	11.5
130	24.0	15.0	22.4#



Instrument :
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ClientSampleId :
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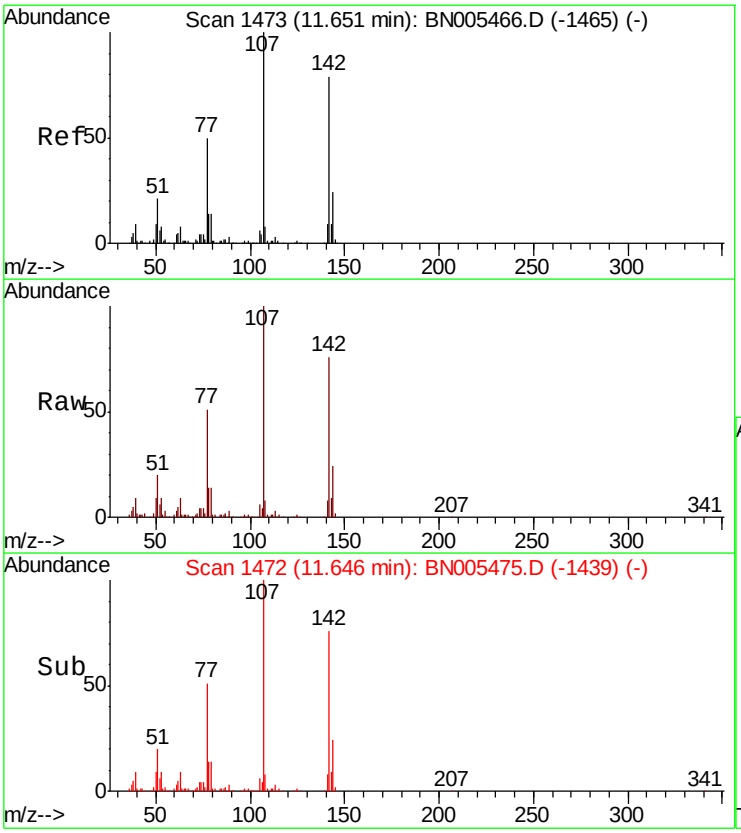
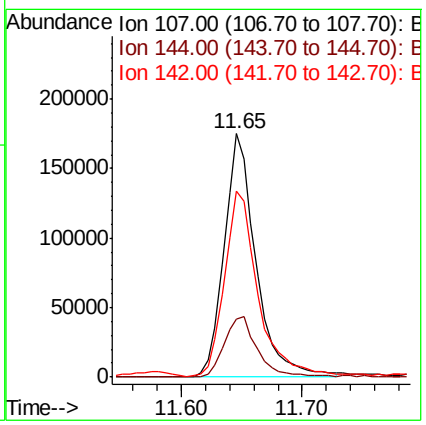
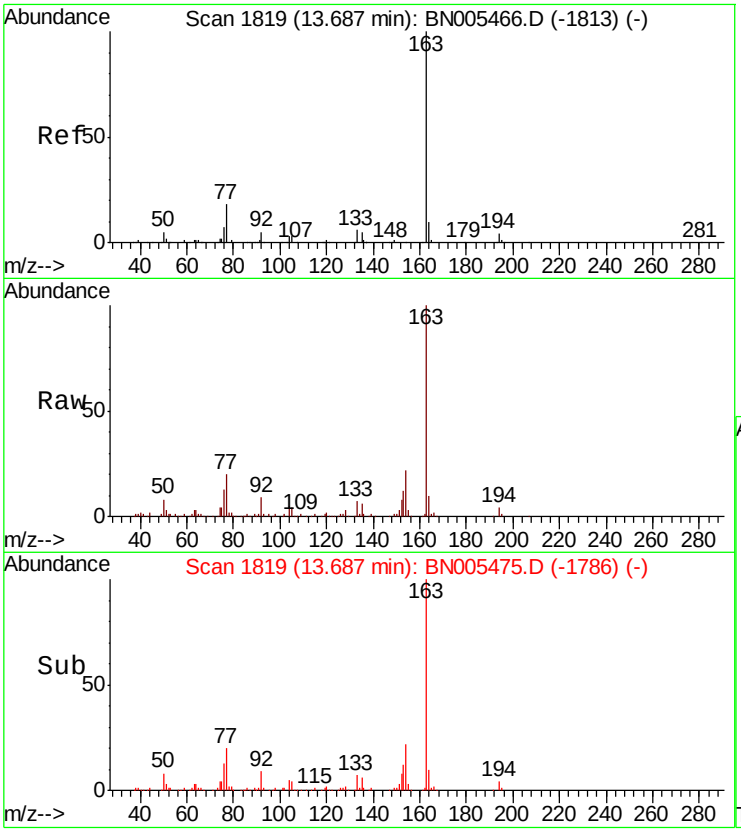


#33
4-Chloro-3-methylphenol
Concen: 15.549 ng/ul
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:107 Resp: 320299

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.4	29.0
142	76.3	57.7	86.5

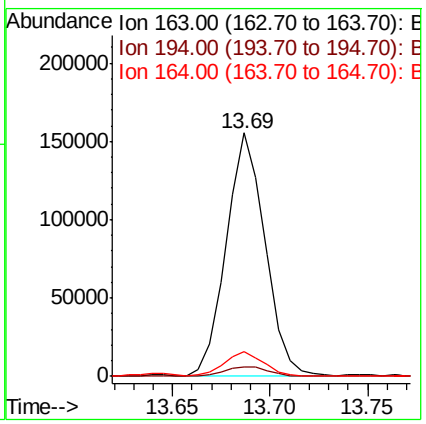




#44
Dimethylphthalate
Concen: 3.793 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:163 Resp: 213156

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.3	8.1	12.1



Instrument :
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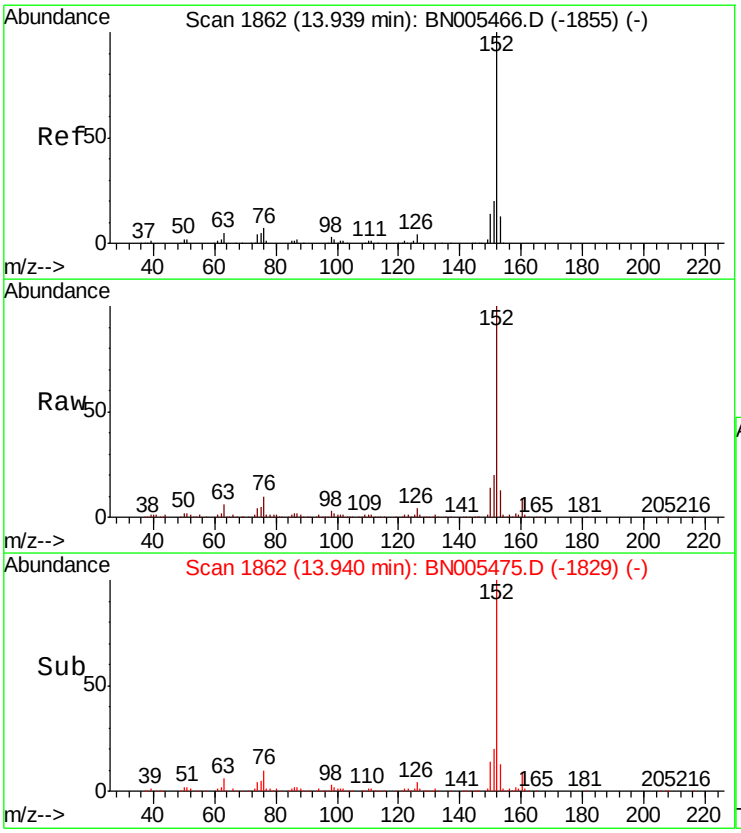
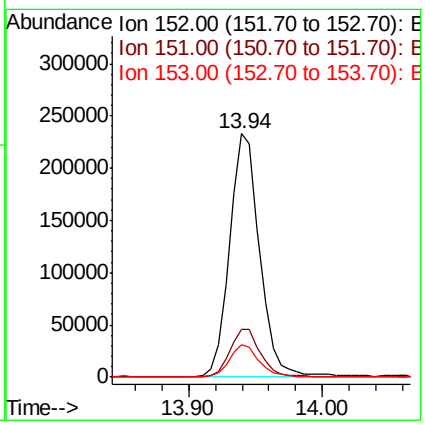
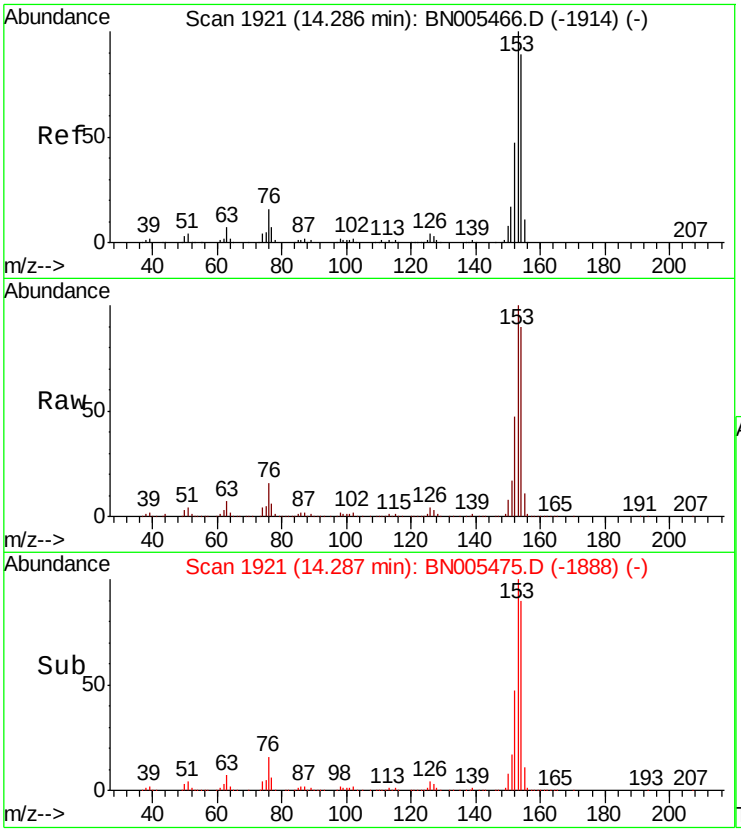


#47
Acenaphthylene
Concen: 5.344 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:152 Resp: 363839

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.1	9.8	14.8

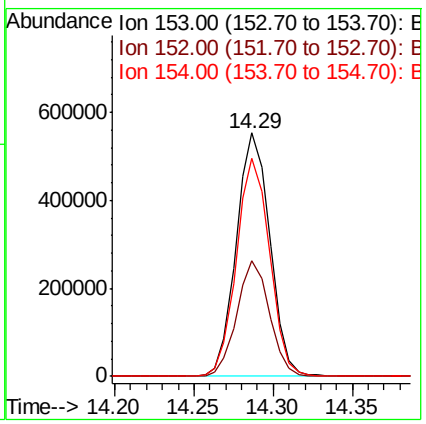




#49
Acenaphthene
Concen: 17.477 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:153 Resp: 812347

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.4	56.0
154	89.6	71.2	106.8



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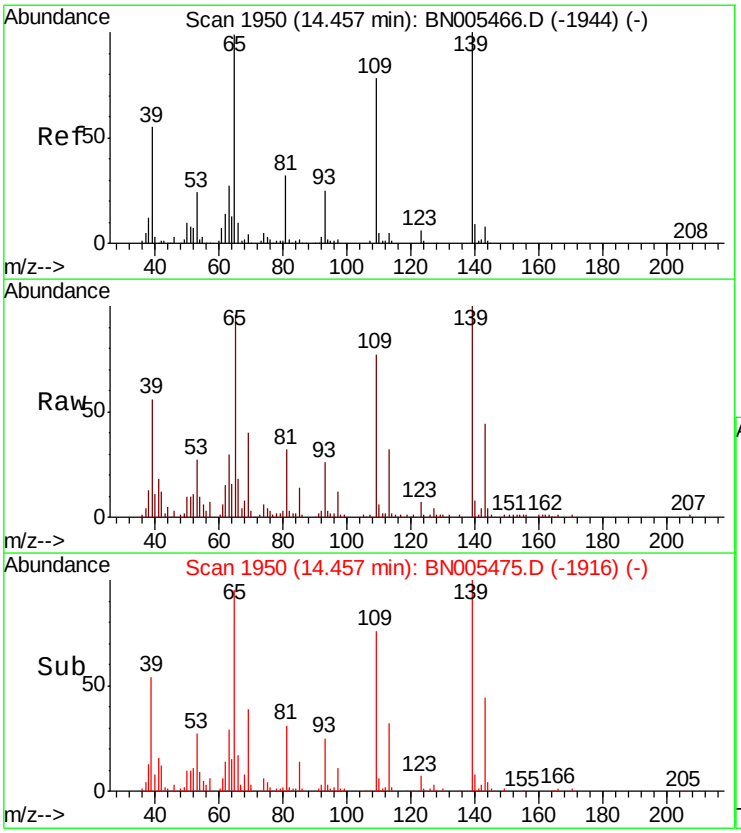
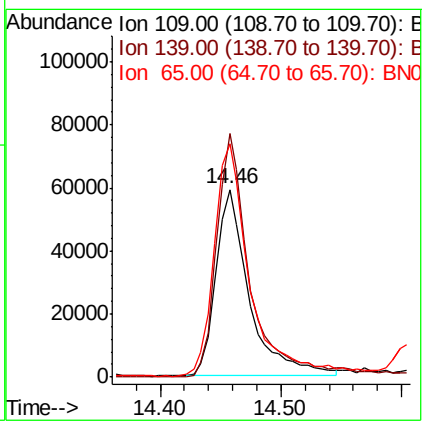
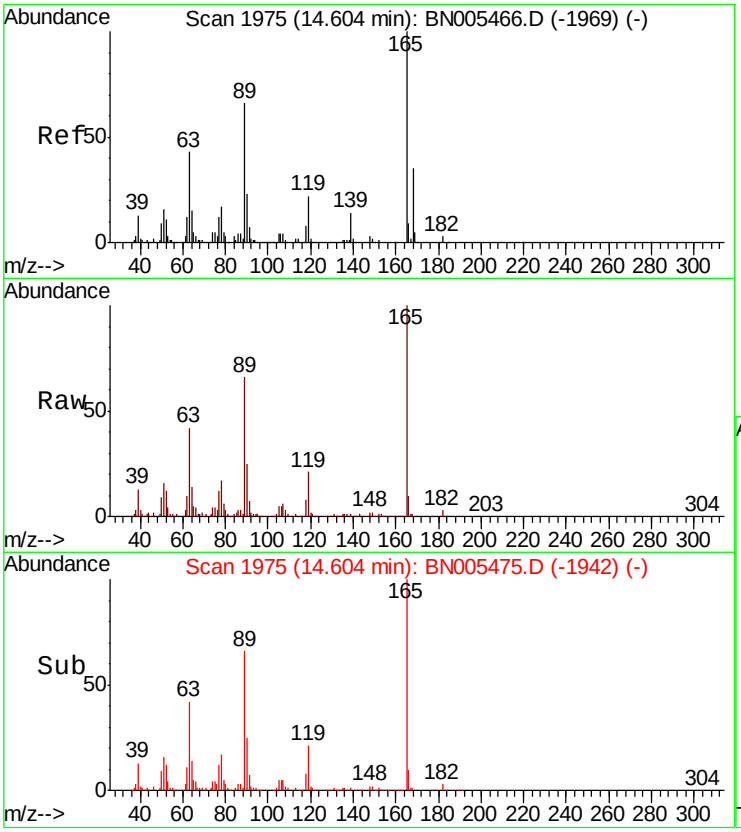


#52
4-Nitrophenol
Concen: 13.915 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:109 Resp: 112494

Ion	Ratio	Lower	Upper
109	100		
139	129.9	92.3	138.5
65	124.2	97.5	146.3

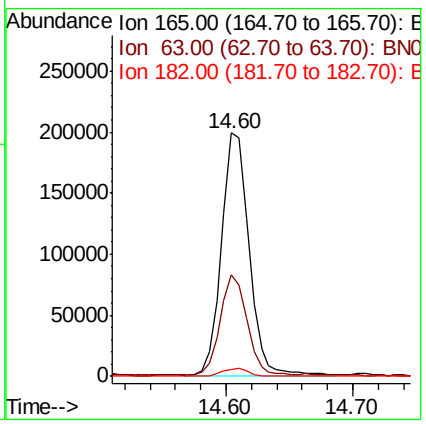




#54
2,4-Dinitrotoluene
Concen: 21.517 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:165 Resp: 301027

Ion	Ratio	Lower	Upper
165	100		
63	41.8	38.9	58.3
182	3.0	2.6	3.8



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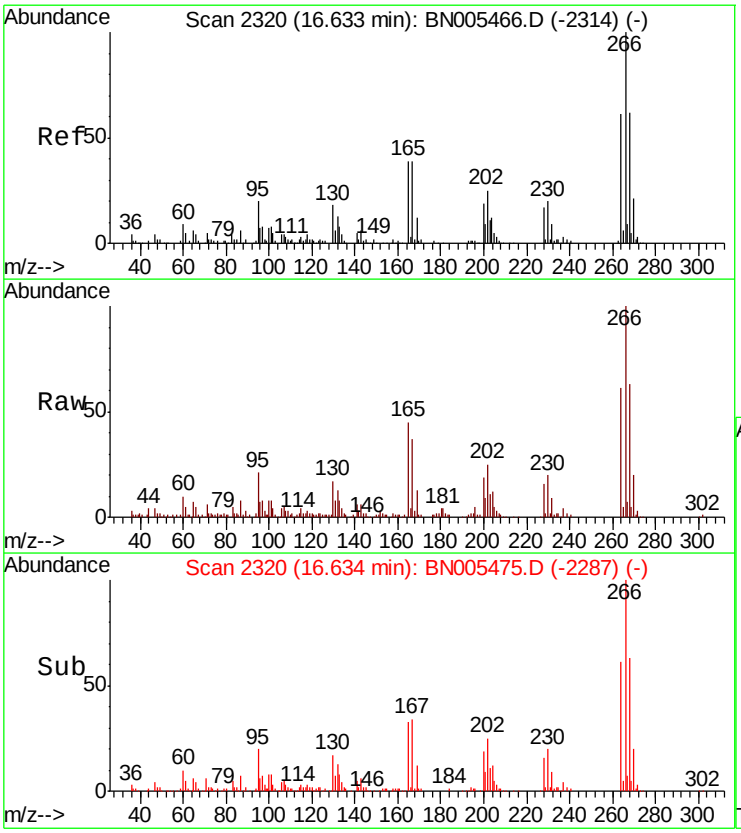
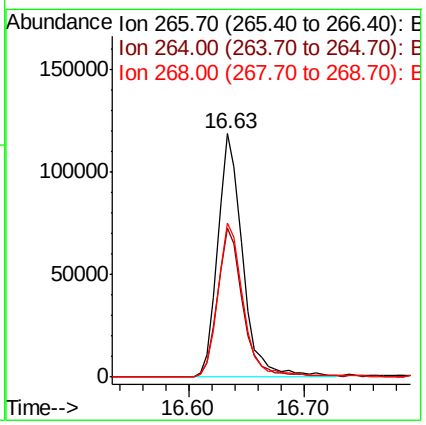
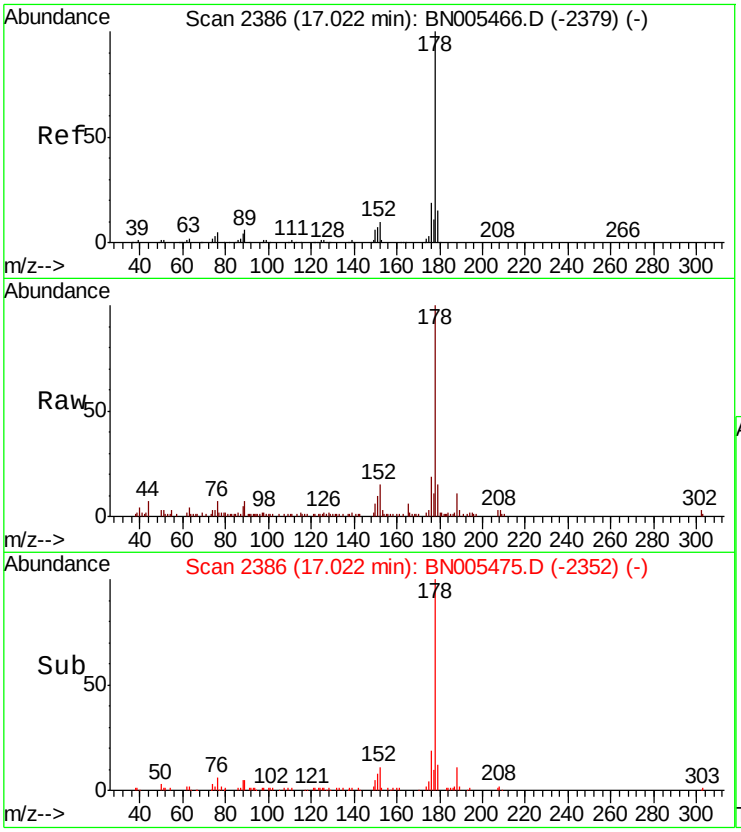


#68
Pentachlorophenol
Concen: 17.417 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:266 Resp: 178403

Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.7	74.5
268	63.1	52.4	78.6

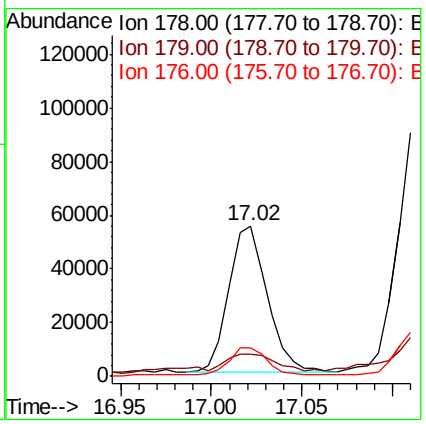




#69
Phenanthrene
Concen: 1.019 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:178 Resp: 80894

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.4	15.1	22.7



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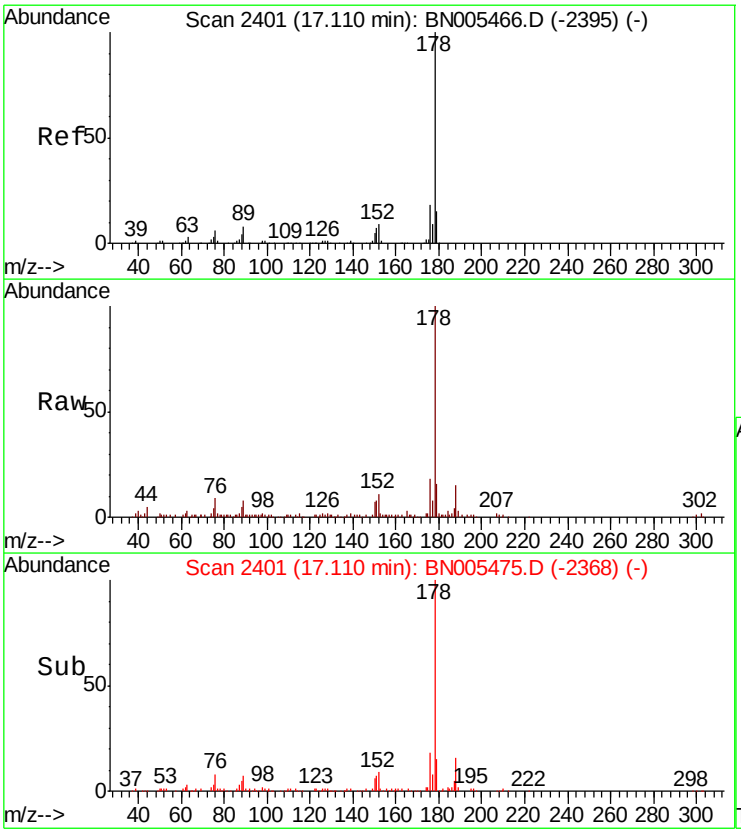
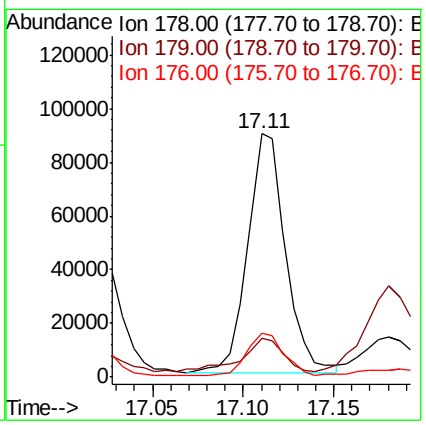
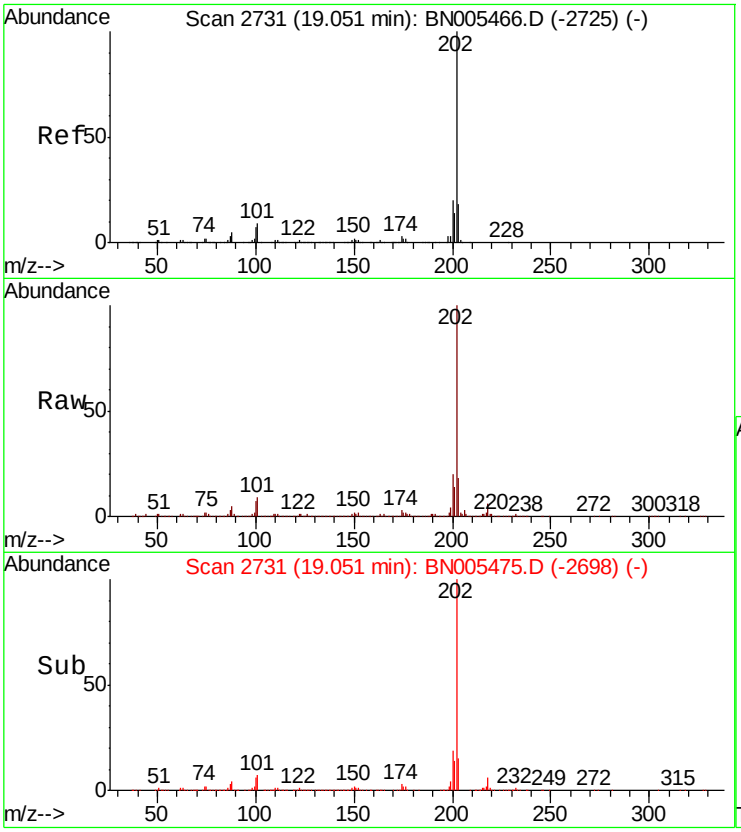


#71
Anthracene
Concen: 1.594 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:178 Resp: 128948

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.2	15.1	22.7

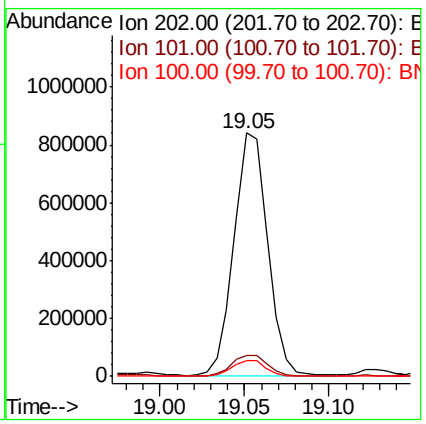




#76
Fluoranthene
Concen: 13.234 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:202 Resp: 1165780

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.6	12.8
100	6.7	6.3	9.5



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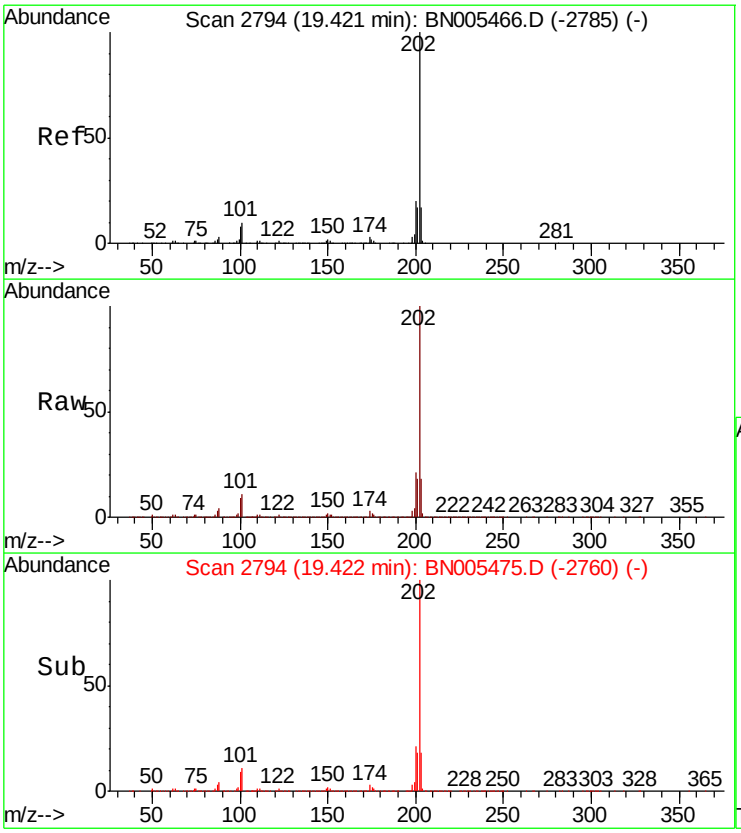
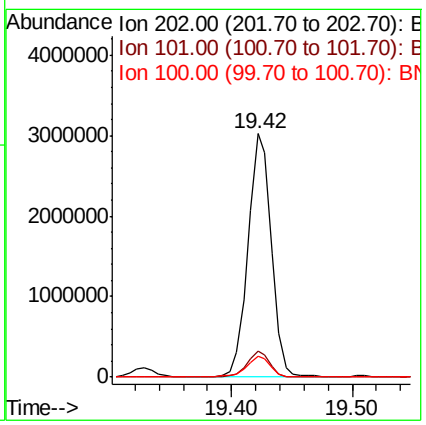
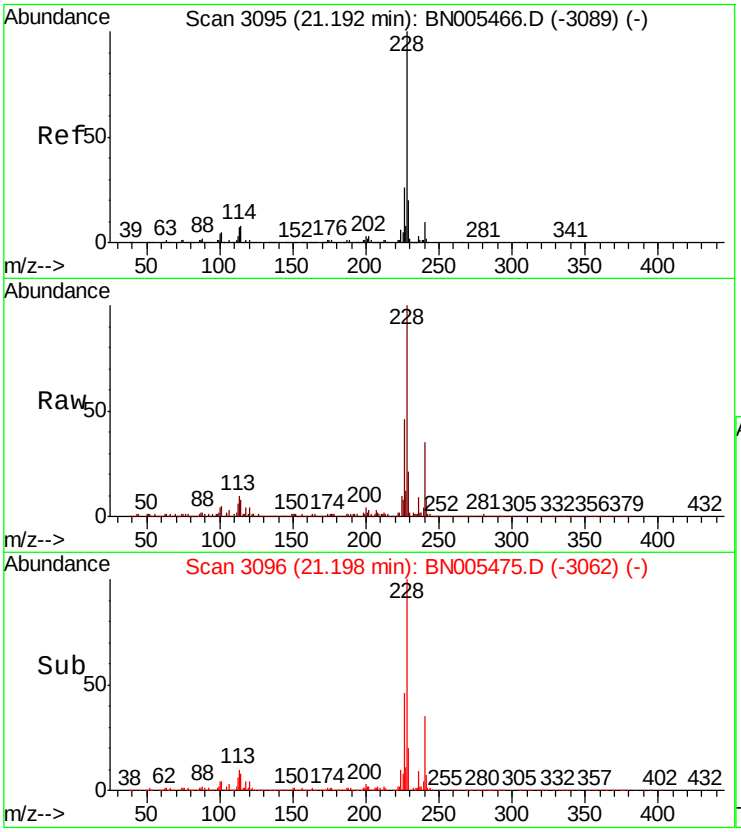


#79
Pyrene
Concen: 51.518 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:202 Resp: 4058184

Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.3	15.5
100	8.7	7.9	11.9

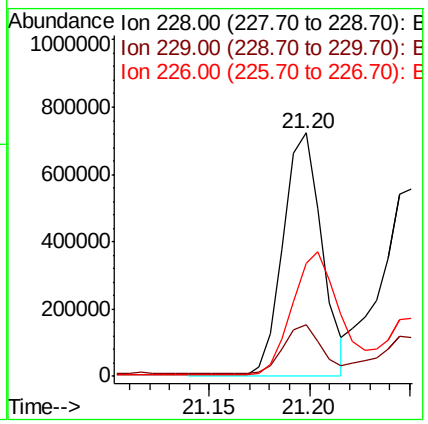




#82
Benzo(a)anthracene
Concen: 12.881 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:228 Resp: 980345

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	46.4	21.4	32.2#



Instrument :
BNA_N
ClientSampleId :
GAJB2MS

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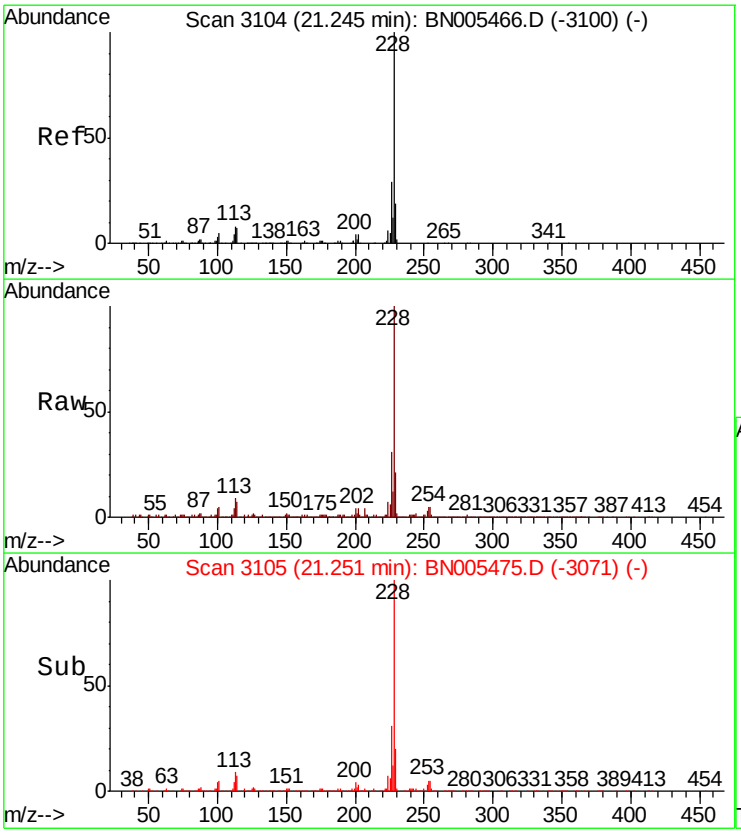
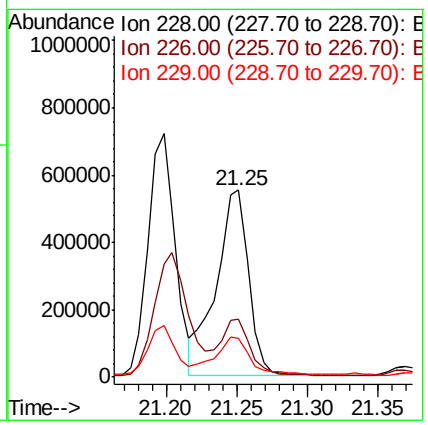
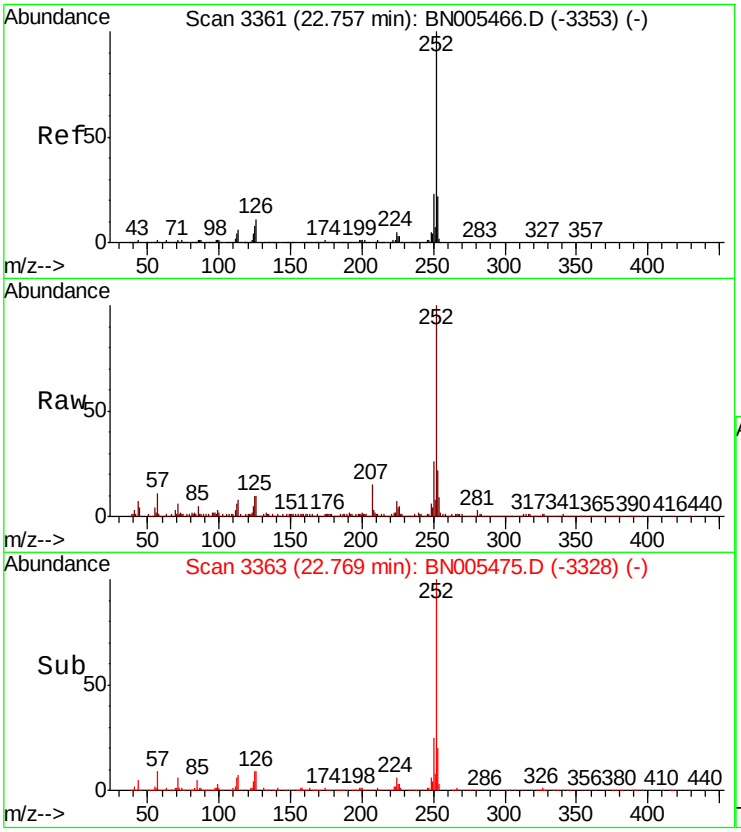


#84
Chrysene
Concen: 12.450 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:228 Resp: 879434

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	20.7	15.4	23.0

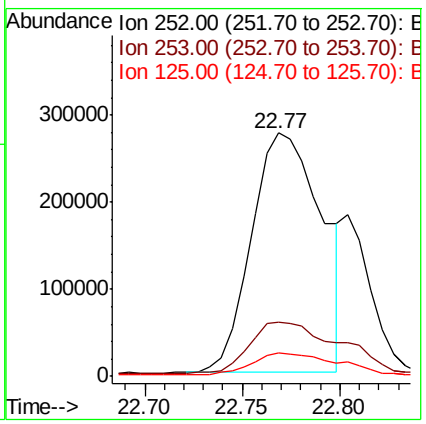




#87
Benzo(b)fluoranthene
Concen: 9.460 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:252 Resp: 687184

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.7	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
GAJB2MS

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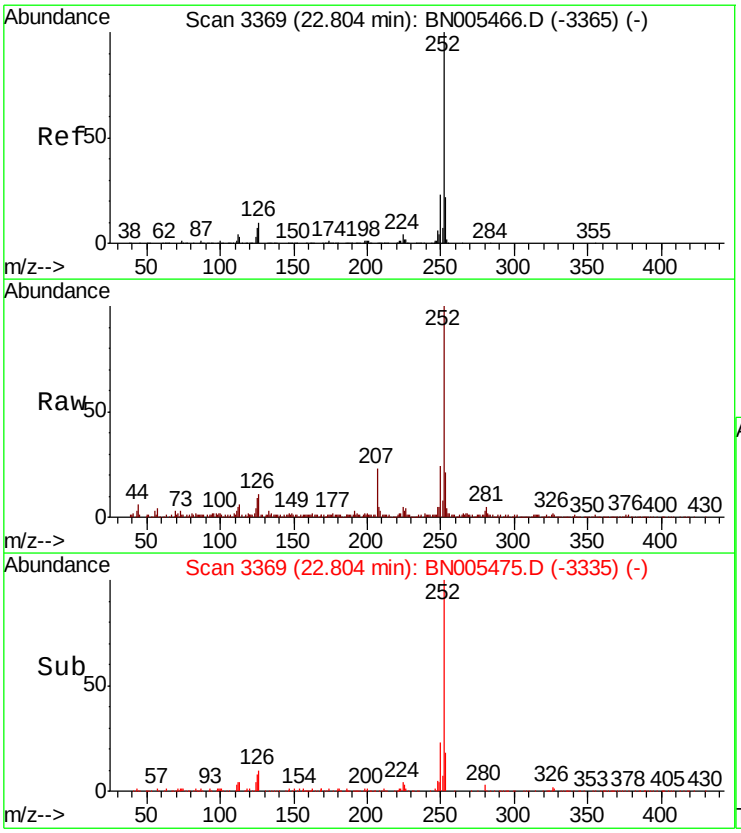
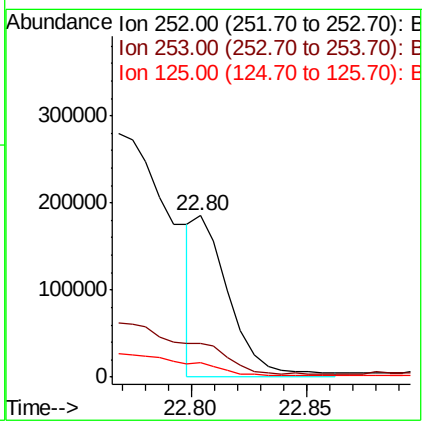
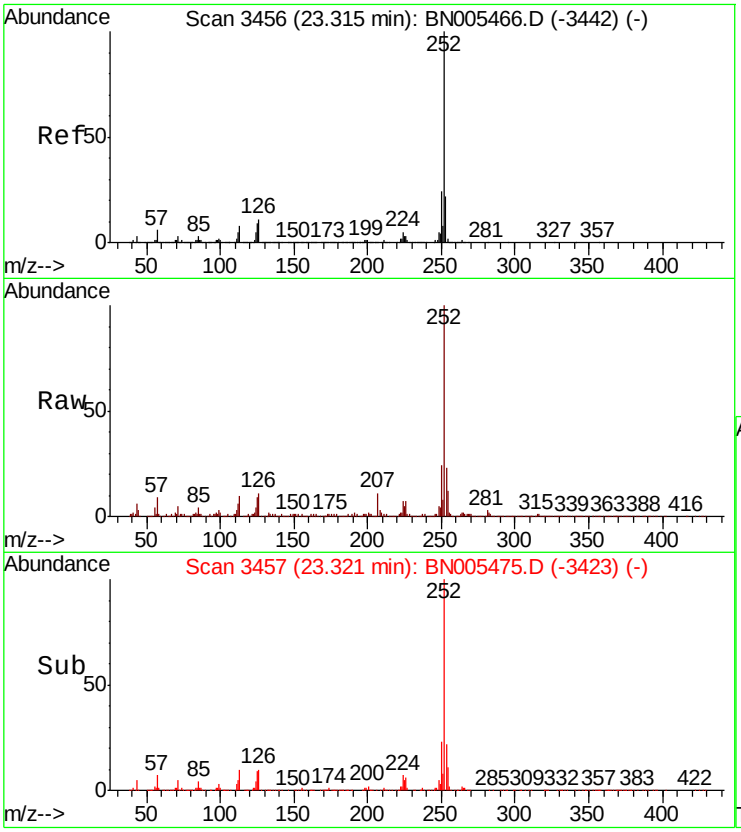


#88
Benzo(k)fluoranthene
Concen: 2.859 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:252 Resp: 198348

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	9.1	7.5	11.3

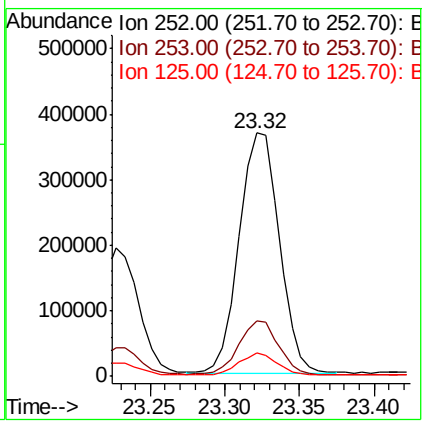




#90
Benzo(a)pyrene
Concen: 10.084 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:252 Resp: 688558

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	9.4	8.6	13.0



Instrument :
BNA_N
ClientSampleId :
GAJB2MS

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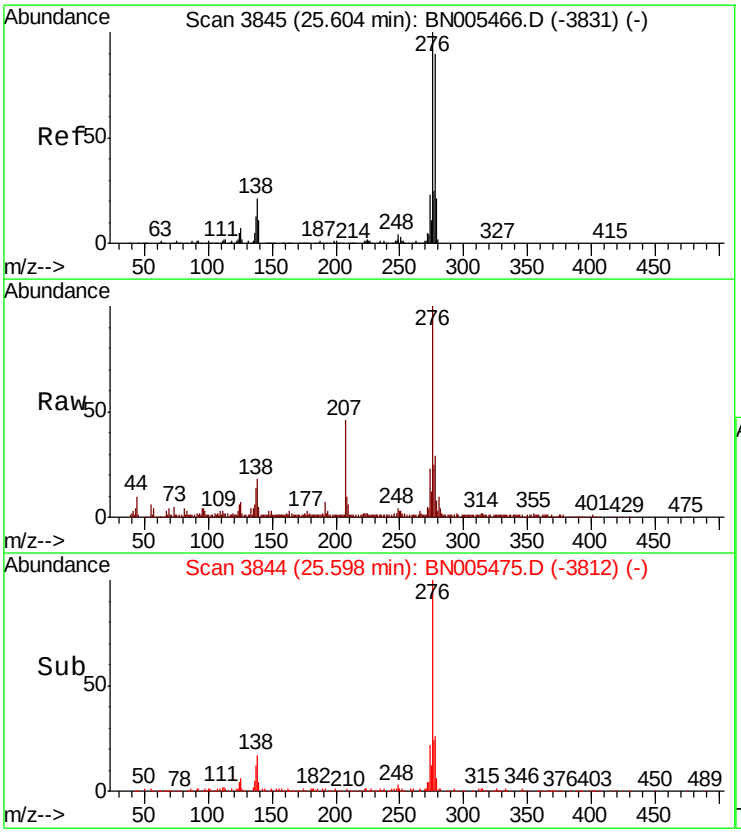
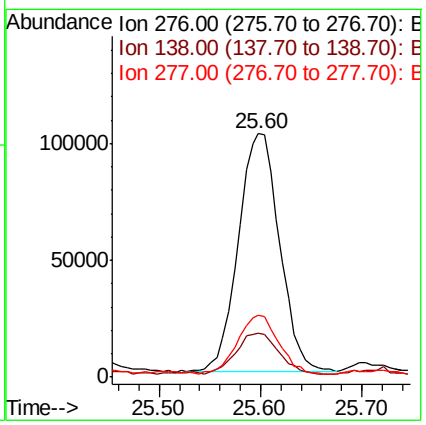
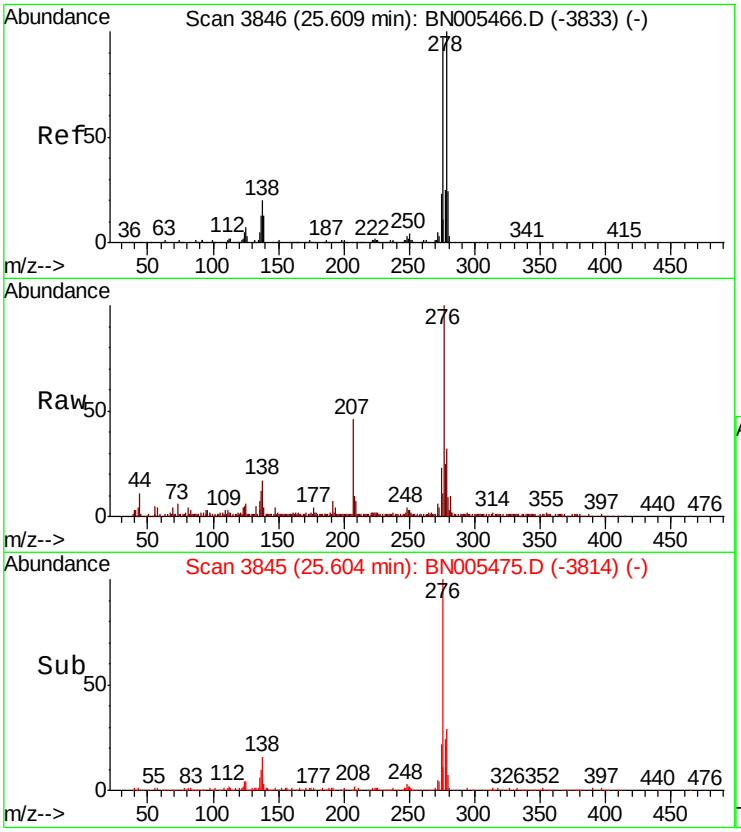


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.795 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:276 Resp: 286456

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.9	26.9#
277	25.2	19.7	29.5

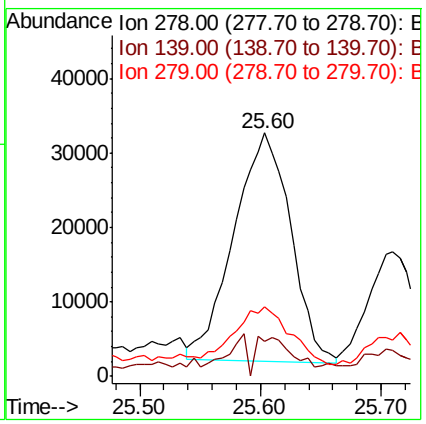




#92
Dibenzo(a,h)anthracene
Concen: 1.553 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:278 Resp: 99490

Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.1	19.7
279	28.8	19.4	29.0



Instrument :
BNA_N
ClientSampleId :
GAJB2MS

Manual Integrations APPROVED
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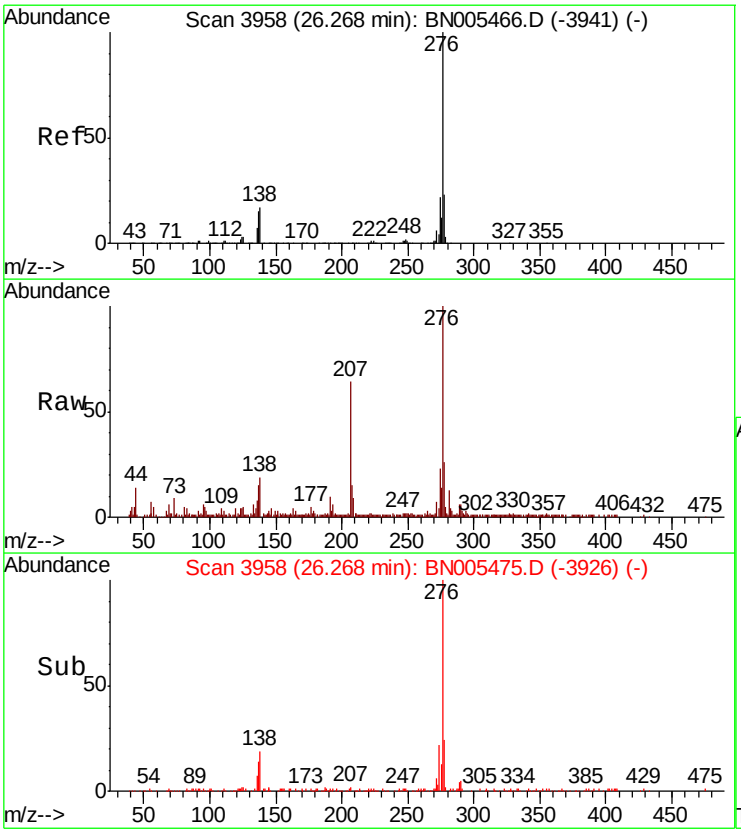
5/7/2019 8:21:58 AM



#93
Benzo(g,h,i)perylene
Concen: 3.480 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BN005475.D
Acq: 04 May 2019 05:18

Tgt Ion:276 Resp: 217253

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.7	25.1
277	25.9	18.2	27.2