Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023763.D
Acq On : 15 Nov 2019 21:13
Operator : JU
Sample : K5699-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J00MS

Manual Integrations APPROVED
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Quant Time: Nov 16 04:41:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 16 03:18:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	288319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1151066	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	703573	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1493777	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1519422	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1824856	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	41778	5.97	ng/uL	0.00
5) Phenol-d5	6.72	99	141349	5.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	371796	24.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	416103	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	255400	12.18	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	240243	29.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	261763	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	505847	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	12141m	0.56	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	1698316	30.95	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1829844	29.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	52152	5.57	ng/ul	0.04
58) Fluorene-d10	15.18	176	1451231	29.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	246324	28.51	ng/ul	0.00
71) Anthracene-d10	17.03	188	2353220	33.21	ng/ul	0.00
79) Pyrene-d10	19.33	212	2763898	34.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3313986	34.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.74	94	216546	7.998	ng/ul	97
10) 2-Chlorophenol	7.09	128	399537	20.349	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	388582	22.621	ng/ul	98
28) Naphthalene	10.35	128	168617	2.787	ng/ul	99
33) 4-Chloro-3-methylphenol	11.62	107	491749	23.325	ng/ul	100
45) Dimethylphthalate	13.65	163	220318	4.098	ng/ul	99
50) Acenaphthene	14.24	153	1242401	27.773	ng/ul	100
53) 4-Nitrophenol	14.46	109	43306	5.730	ng/ul	93
55) 2,4-Dinitrotoluene	14.56	165	453713	30.311	ng/ul	99
69) Pentachlorophenol	16.59	266	373370	29.279	ng/ul	98
77) Fluoranthene	19.00	202	103054	1.169	ng/ul#	95
80) Pyrene	19.36	202	3469808	35.330	ng/ul	99
88) Benzo(b)fluoranthene	22.65	252	198751	1.709	ng/ul#	97

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

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Instrument :
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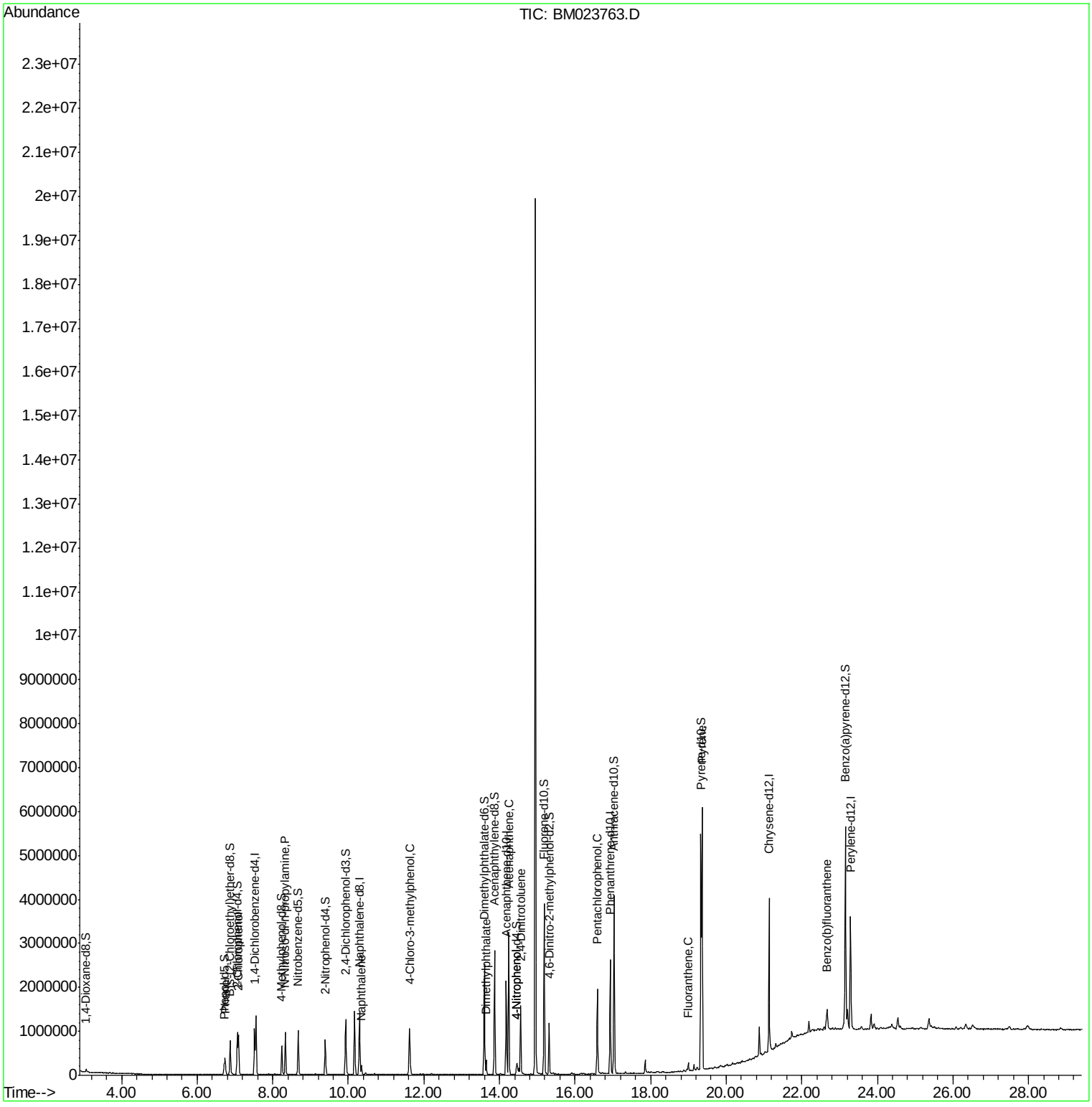
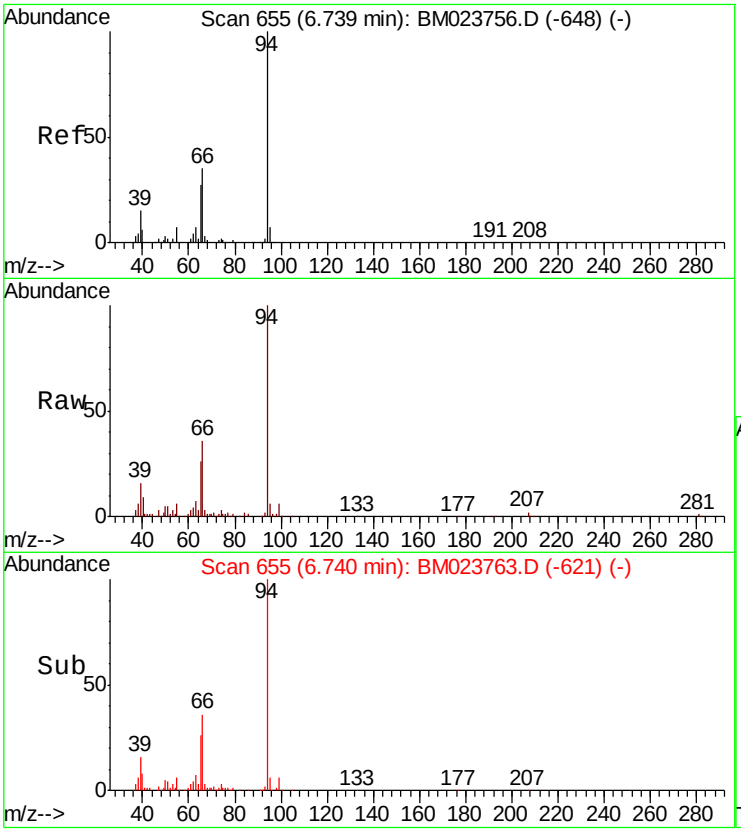
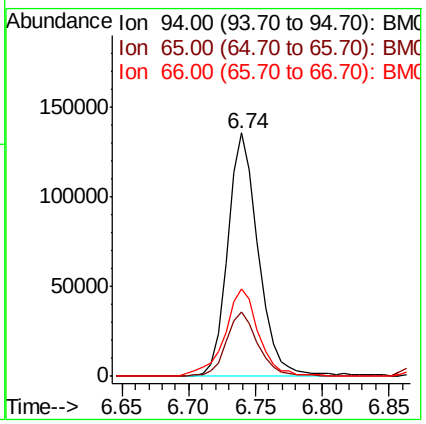




#6
Phenol
Concen: 7.998 ng/ul
RT: 6.74 min Scan# 655
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion: 94 Resp: 216546

Ion	Ratio	Lower	Upper
94	100		
65	26.5	21.4	32.2
66	35.8	30.7	46.1



Instrument :
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ClientSampleId :
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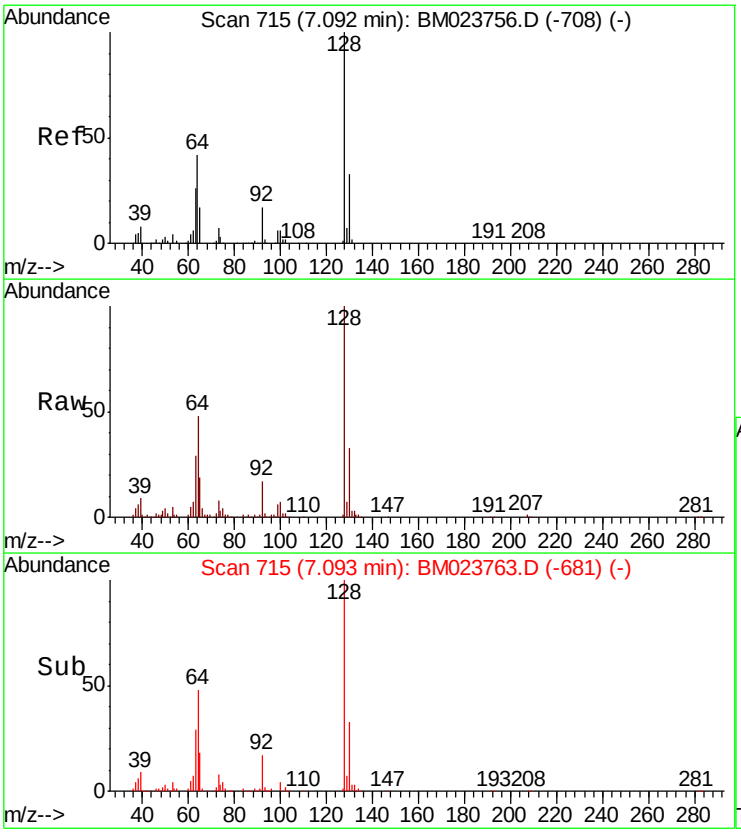
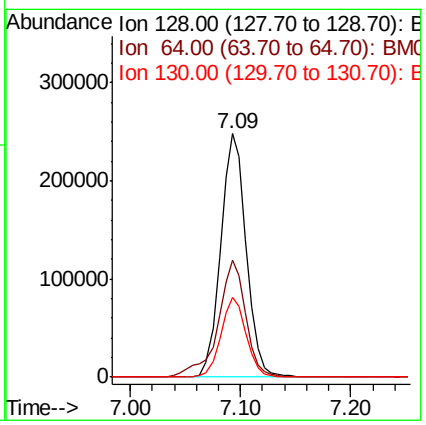
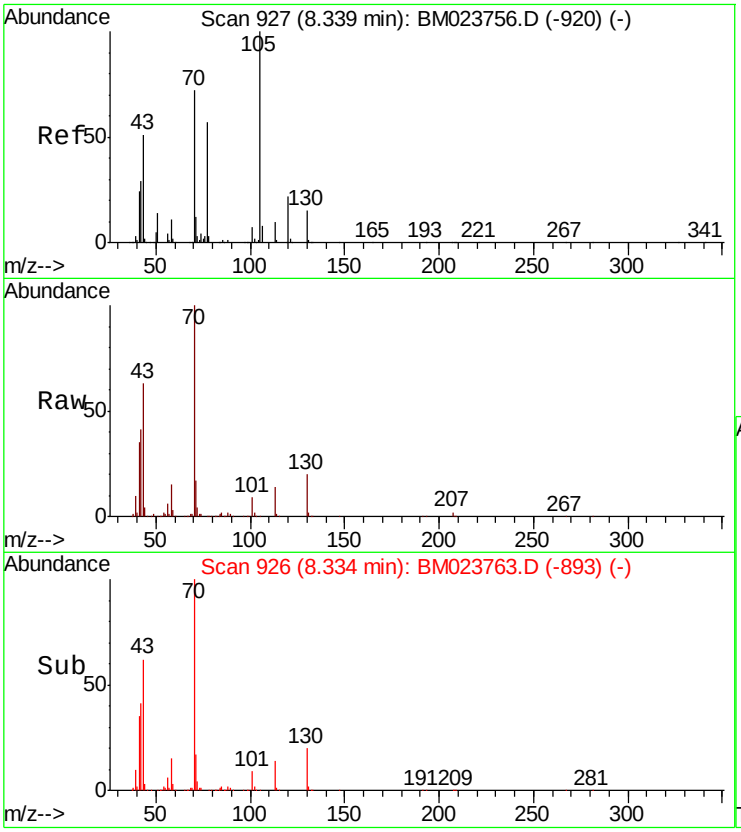


#10
2-Chlorophenol
Concen: 20.349 ng/ul
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:128 Resp: 399537

Ion	Ratio	Lower	Upper
128	100		
64	48.0	38.1	57.1
130	32.8	26.4	39.6

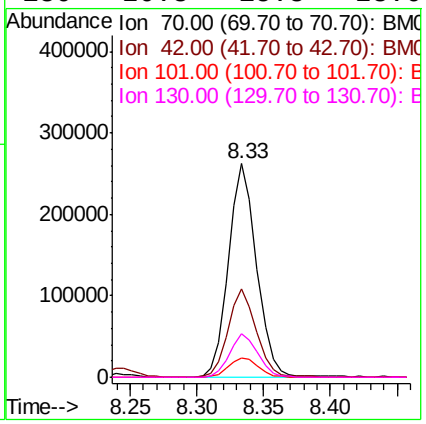




#15
N-Nitroso-di-n-propylamine
Concen: 22.621 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion: 70 Resp: 388582

Ion	Ratio	Lower	Upper
70	100		
42	41.4	32.1	48.1
101	9.2	7.4	11.2
130	20.3	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
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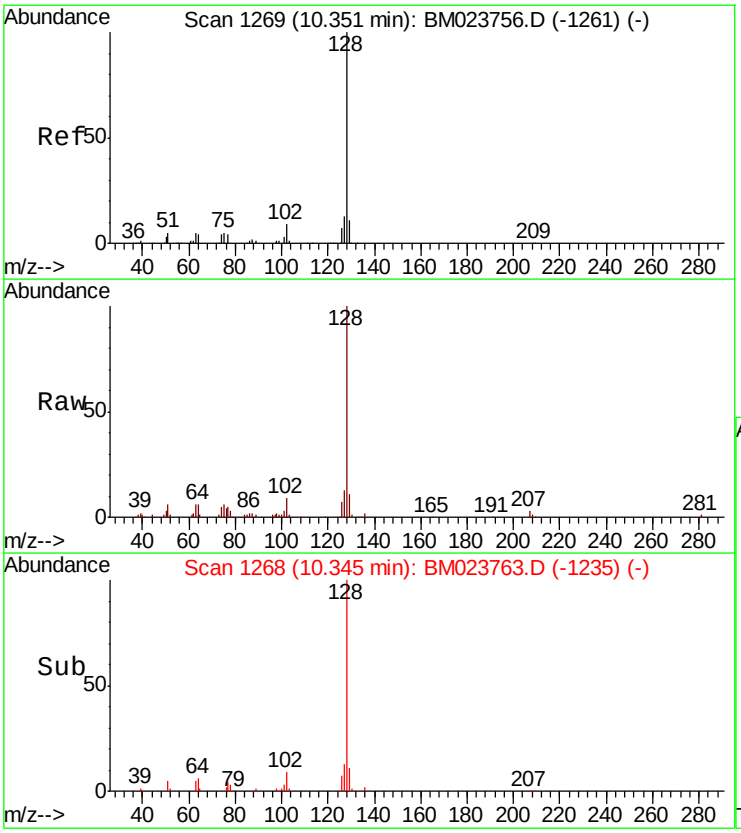
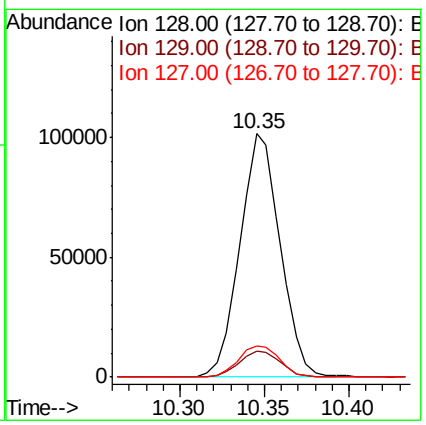
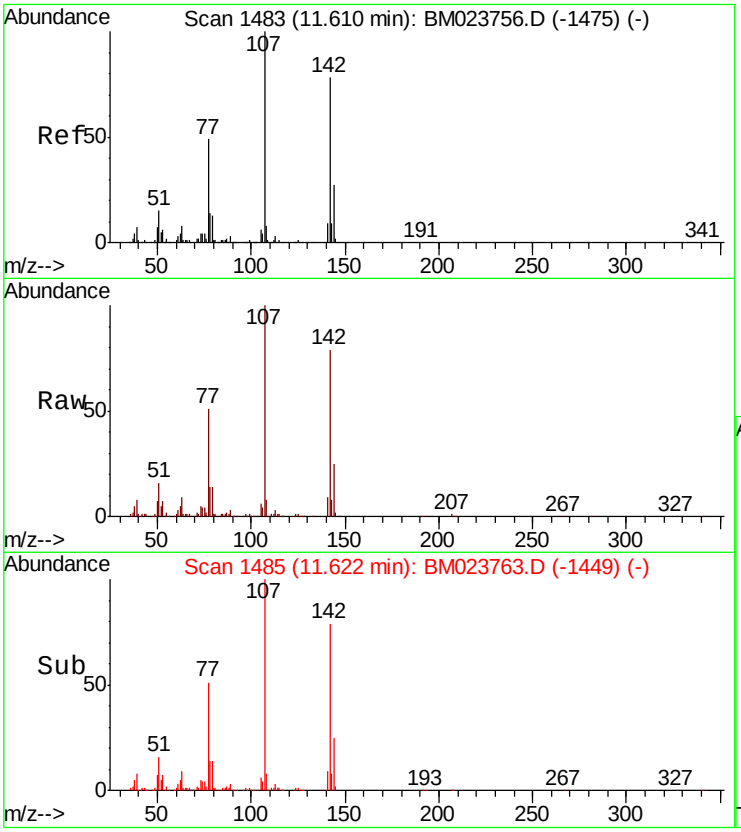


#28
Naphthalene
Concen: 2.787 ng/ul
RT: 10.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:128 Resp: 168617

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.6	16.0

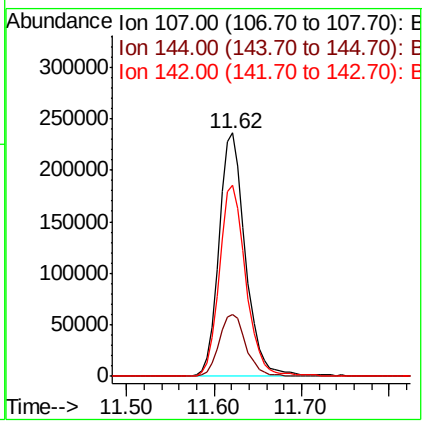




#33
4-Chloro-3-methylphenol
Concen: 23.325 ng/ul
RT: 11.62 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:107 Resp: 491749

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	30.8
142	78.7	62.9	94.3



Instrument :
BNA_M
ClientSampleId :
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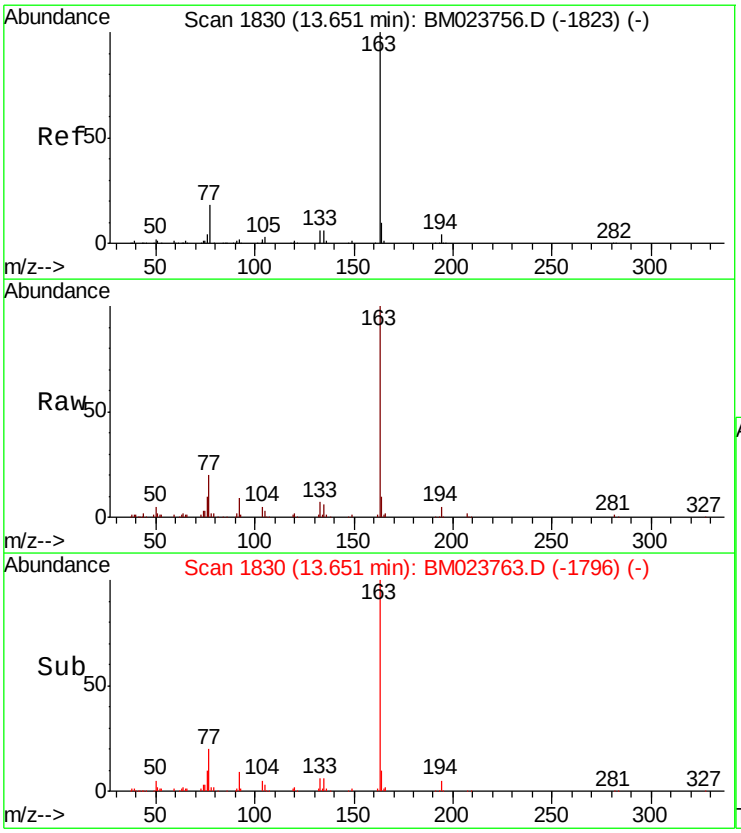
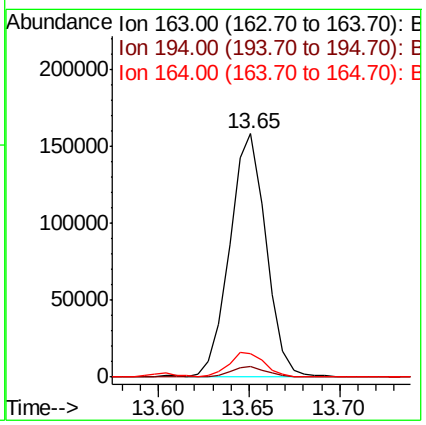
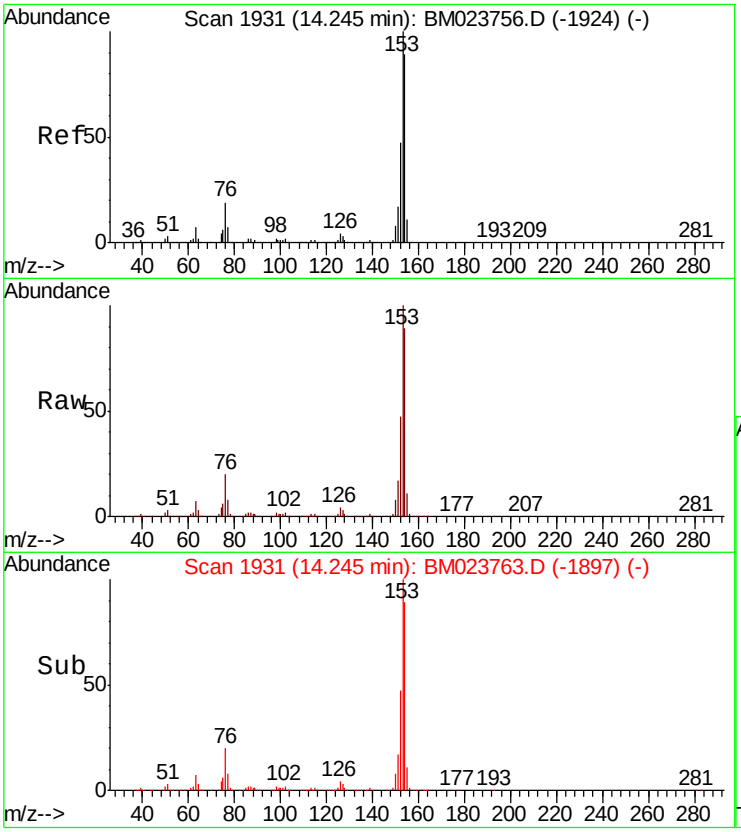


#45
Dimethylphthalate
Concen: 4.098 ng/ul
RT: 13.65 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:163 Resp: 220318

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.8	8.0	12.0

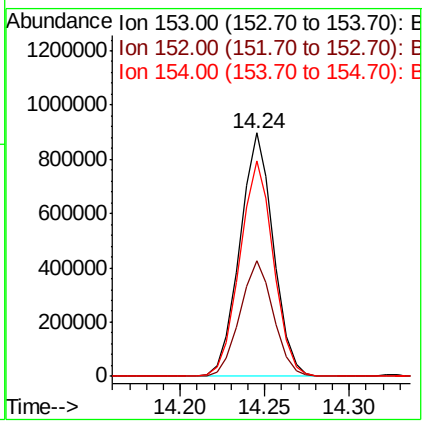




#50
Acenaphthene
Concen: 27.773 ng/ul
RT: 14.24 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:153 Resp: 1242401

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.7	56.5
154	88.7	70.6	106.0



Instrument :
BNA_M
ClientSampleId :
F2J00MS

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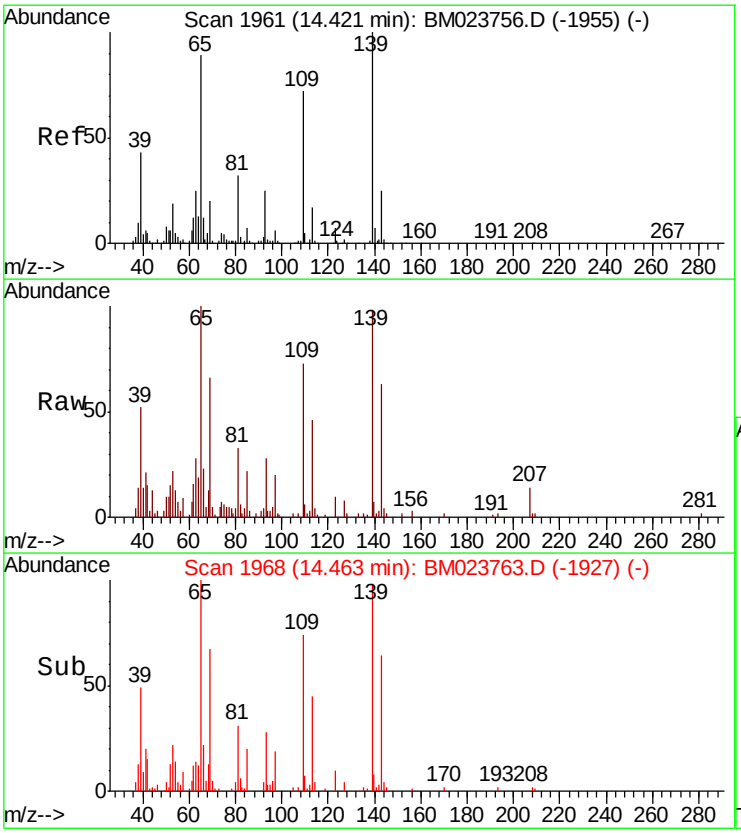
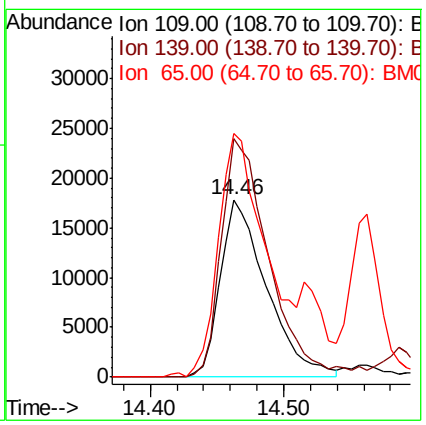
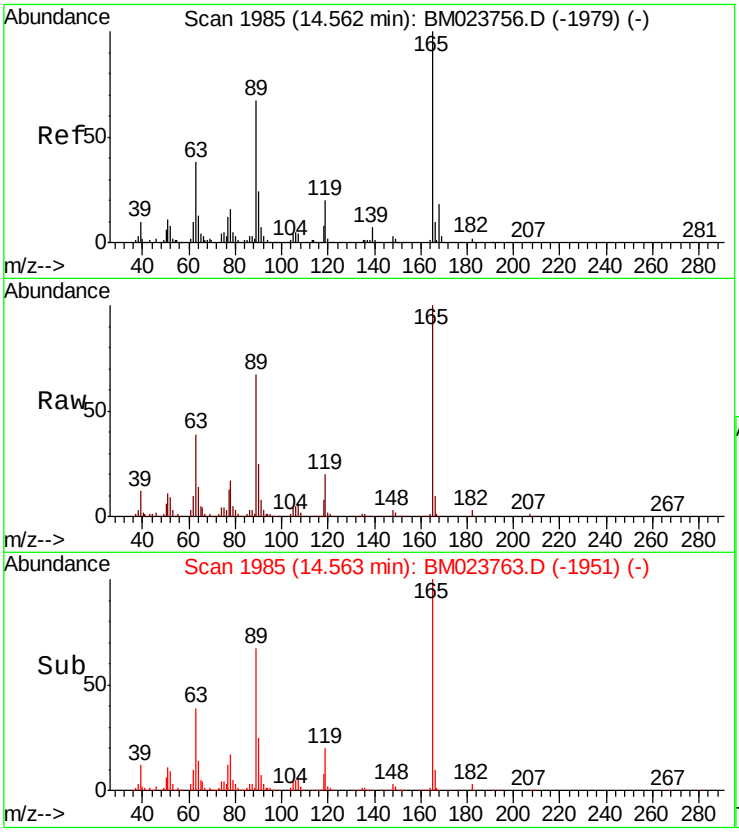


#53
4-Nitrophenol
Concen: 5.730 ng/ul
RT: 14.46 min Scan# 1968
Delta R.T. 0.04 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:109 Resp: 43306

Ion	Ratio	Lower	Upper
109	100		
139	134.9	103.4	155.0
65	137.5	101.3	151.9

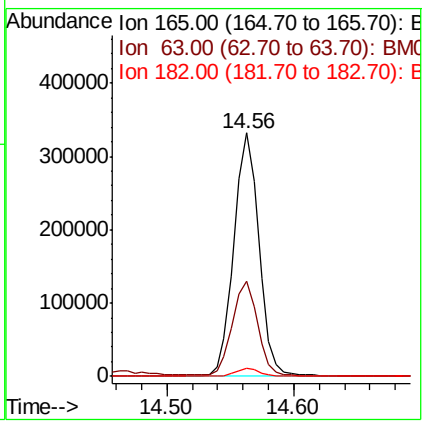




#55
2,4-Dinitrotoluene
Concen: 30.311 ng/ul
RT: 14.56 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:165 Resp: 453713

Ion	Ratio	Lower	Upper
165	100		
63	39.2	31.0	46.6
182	3.2	2.4	3.6



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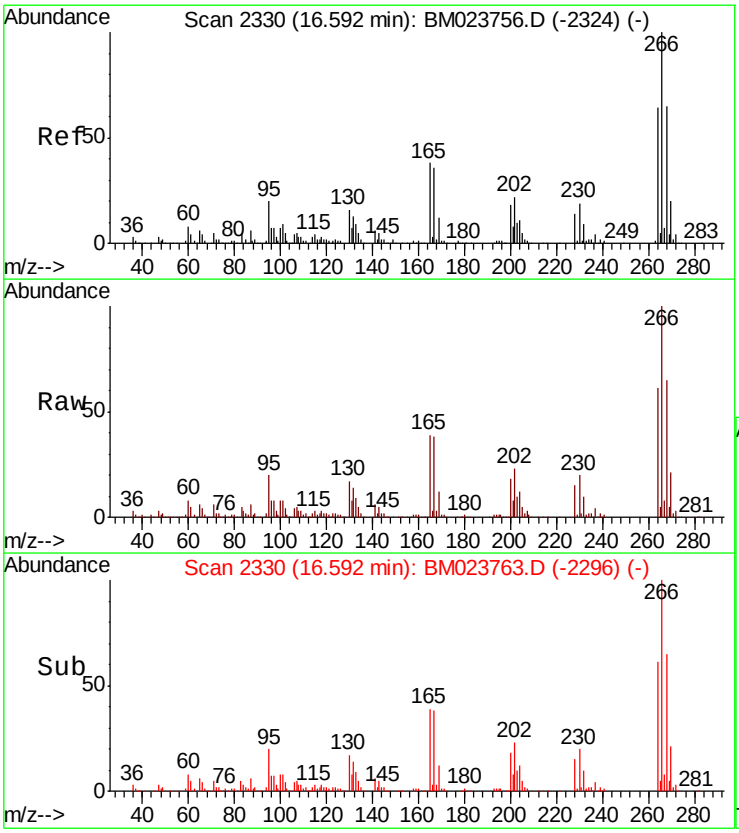
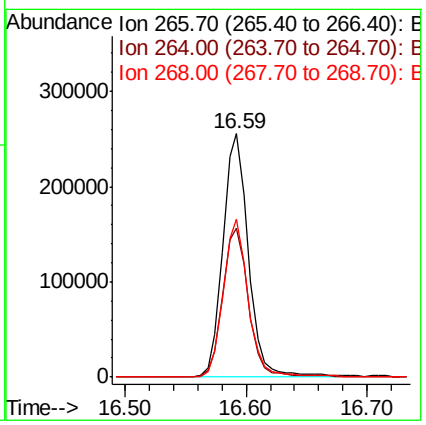
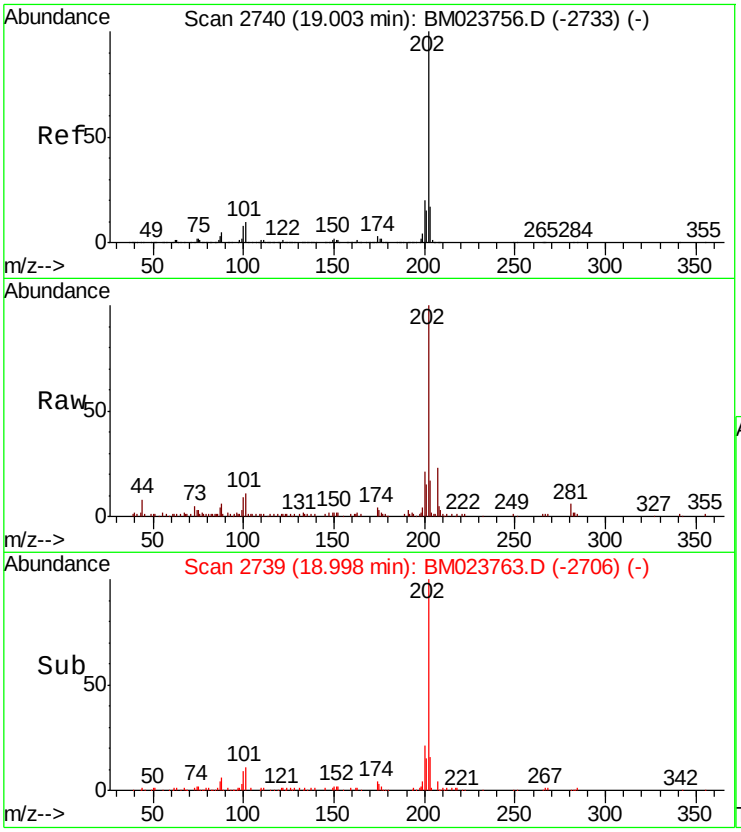


#69
Pentachlorophenol
Concen: 29.279 ng/ul
RT: 16.59 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:266 Resp: 373370

Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.6	75.8
268	64.9	50.9	76.3





#77
Fluoranthene
Concen: 1.169 ng/ul
RT: 19.00 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:202 Resp: 103054

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
100	9.3	6.0	9.0#

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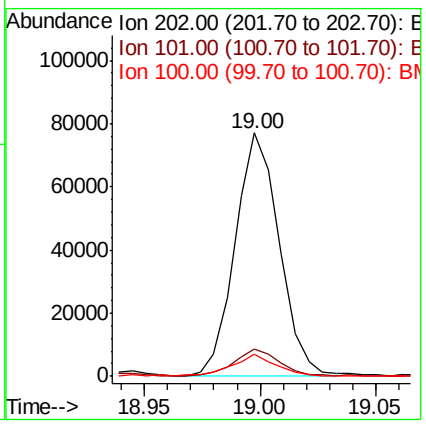
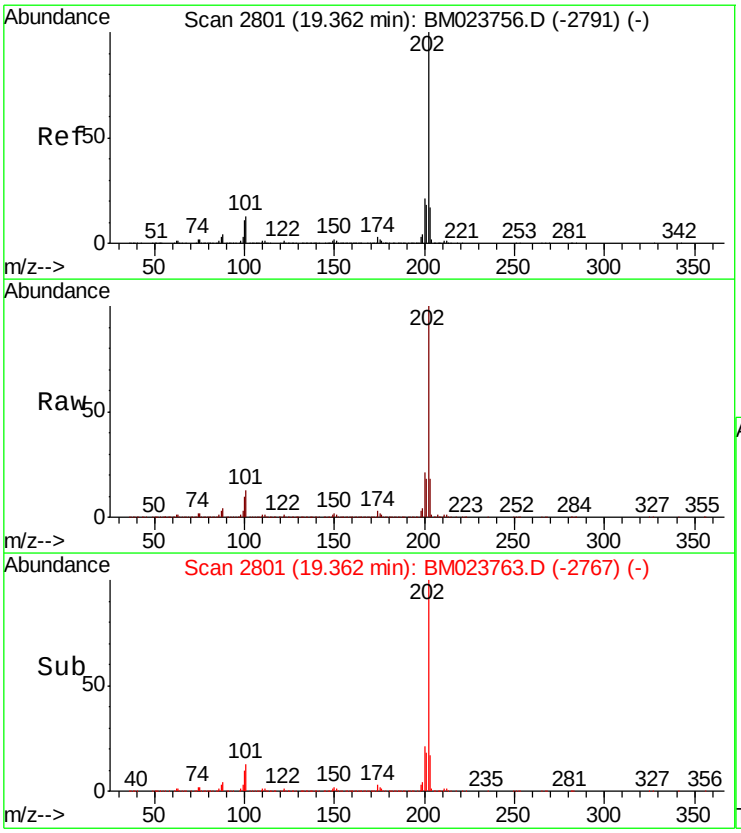
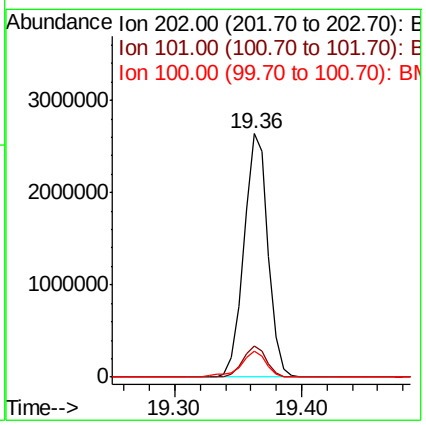


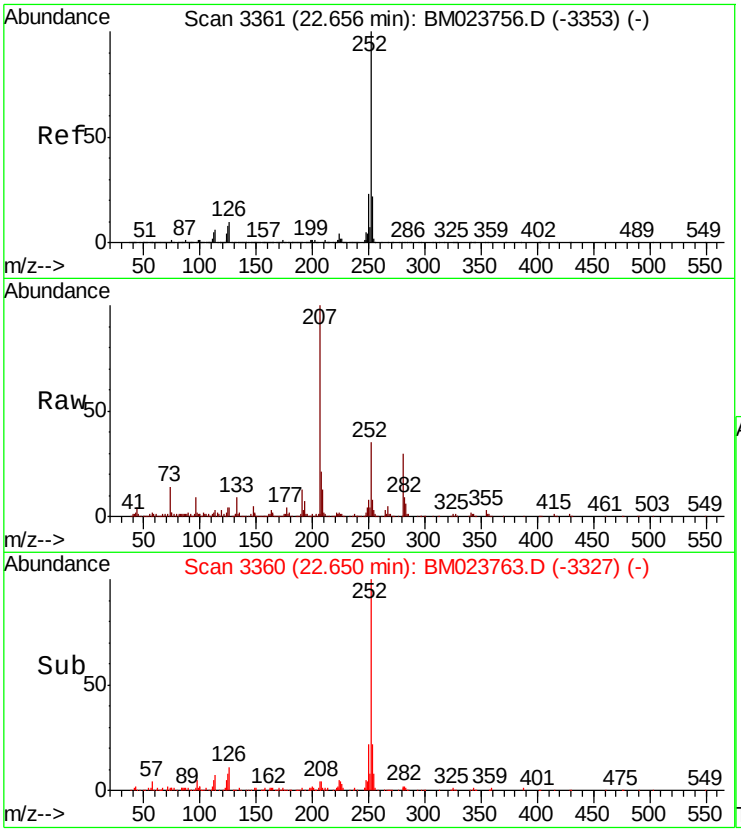


#80
Pyrene
Concen: 35.330 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:202 Resp: 3469808

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	10.5	8.1	12.1

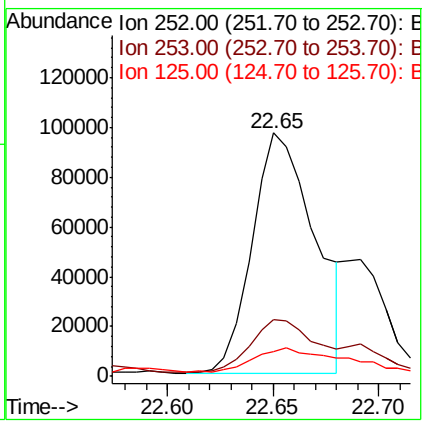




#88
Benzo(b)fluoranthene
Concen: 1.709 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM023763.D
Acq: 15 Nov 2019 21:13

Tgt Ion:252 Resp: 198751

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	10.4	6.5	9.7#



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