Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023720.D
Acq On : 14 Nov 2019 17:16
Operator : JU
Sample : K5678-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM81

Manual Integrations APPROVED
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11/15/2019 5:59:11 PM

Quant Time: Nov 15 06:44:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 06:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	381923	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1582973	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	983374	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1992371	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1920161	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2296157	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	20738	2.24	ng/uL	0.00
5) Phenol-d5	6.72	99	521305	14.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	342498	17.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	458724	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	473483	17.05	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	240766	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	276395	23.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	514221	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	29997m	1.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.61	166	1592746	20.77	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1874199	21.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	98002	7.49	ng/ul	0.00
58) Fluorene-d10	15.19	176	1393333	20.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	187901	16.30	ng/ul	0.00
71) Anthracene-d10	17.04	188	1973141	20.88	ng/ul	0.00
79) Pyrene-d10	19.34	212	2168228	21.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2537708	21.00	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	67965	3.328	ng/ul	93
6) Phenol	6.75	94	44637	1.245	ng/ul	98
14) Acetophenone	8.36	105	68178	1.574	ng/ul	99
45) Dimethylphthalate	13.66	163	277000	3.686	ng/ul	100
76) Di-n-butylphthalate	17.93	149	445868	4.396	ng/ul	97
77) Fluoranthene	19.01	202	194988	1.658	ng/ul	97
80) Pyrene	19.37	202	206914	1.667	ng/ul	97
81) Butylbenzylphthalate	20.30	149	57179	1.455	ng/ul#	82
84) Bis(2-ethylhexyl)phthalate	21.09	149	779580	13.135	ng/ul	99
85) Chrysene	21.18	228	157292	1.319	ng/ul#	92
87) Di-n-octyl phthalate	21.96	149	160331	1.429	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	256981	1.756	ng/ul#	60
91) Benzo(a)pyrene	23.21	252	151072	1.127	ng/ul#	55
94) Benzo(g,h,i)perylene	26.11	276	127846	1.101	ng/ul#	86

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

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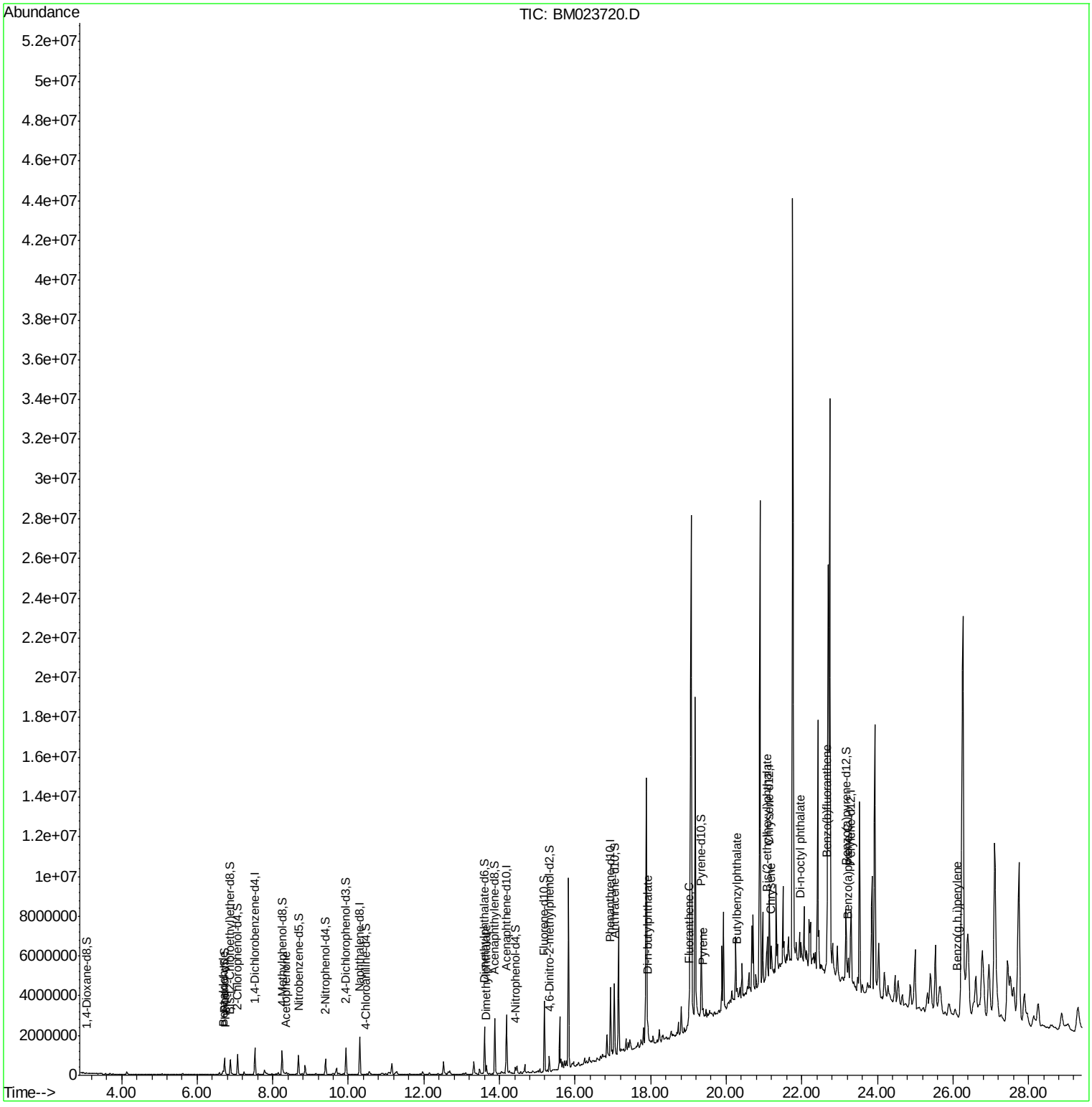
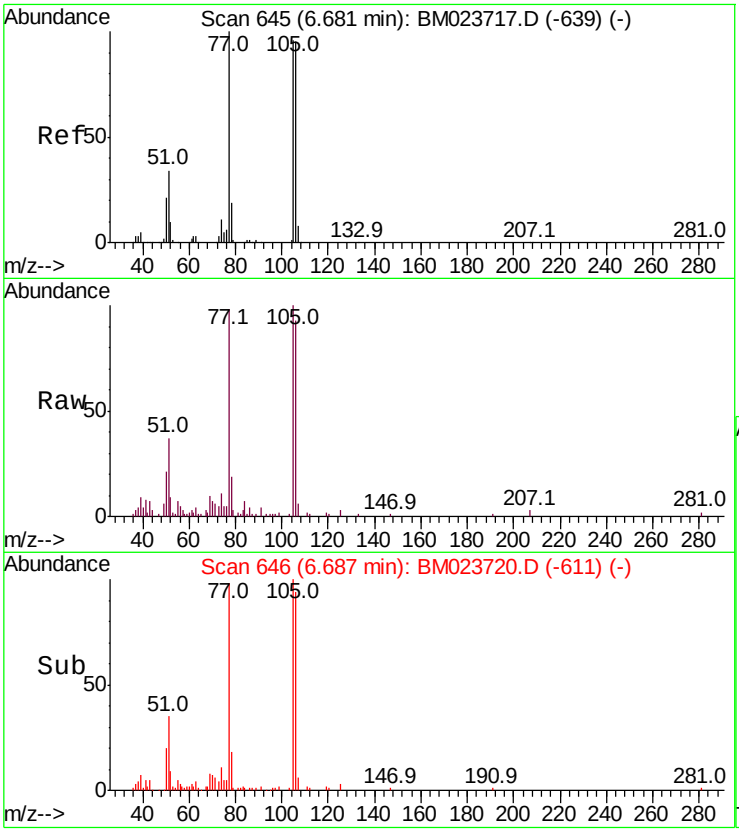
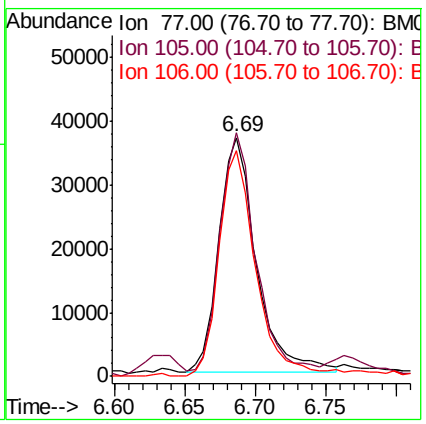




#4
Benzaldehyde
Concen: 3.328 ng/ul
RT: 6.69 min Scan# 646
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 77 Resp: 67965

Ion	Ratio	Lower	Upper
77	100		
105	102.0	75.9	113.9
106	94.5	70.2	105.4



Instrument :
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ClientSampleId :
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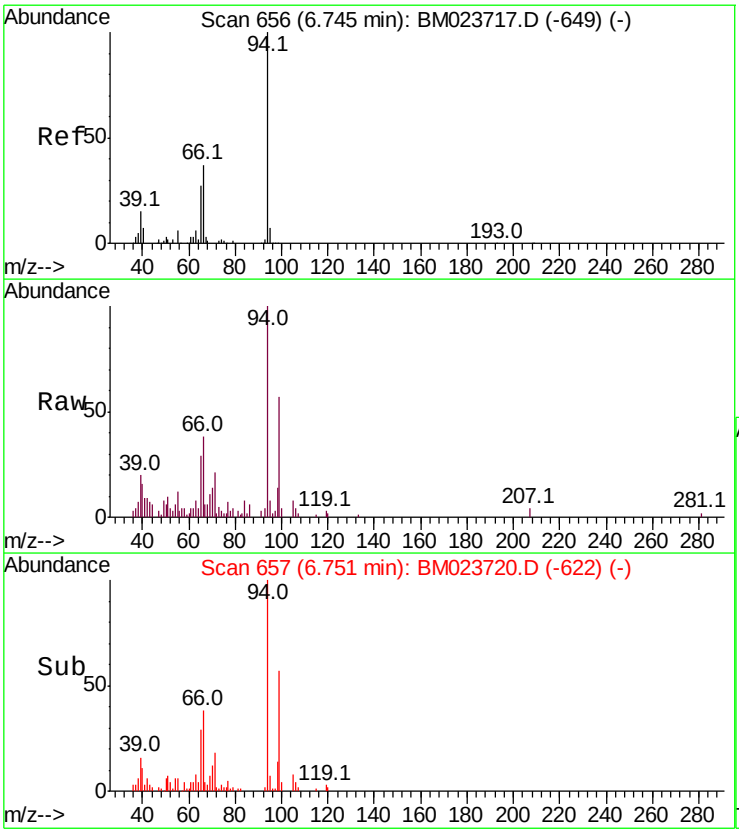
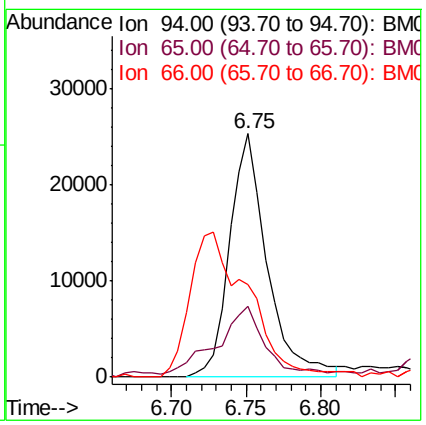
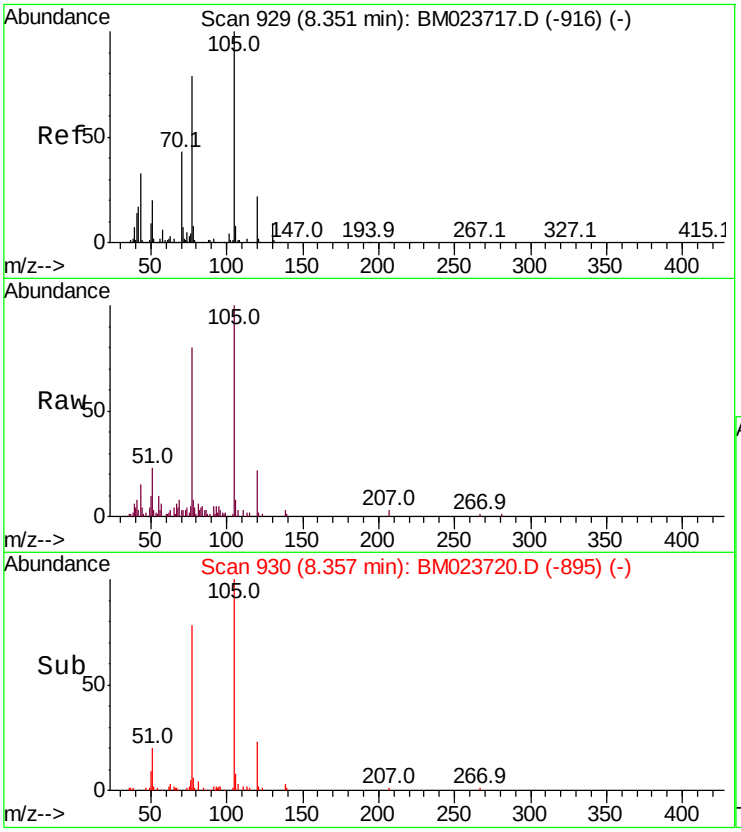


#6
Phenol
Concen: 1.245 ng/ul
RT: 6.75 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 94 Resp: 44637

Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.4	32.2
66	38.1	30.7	46.1

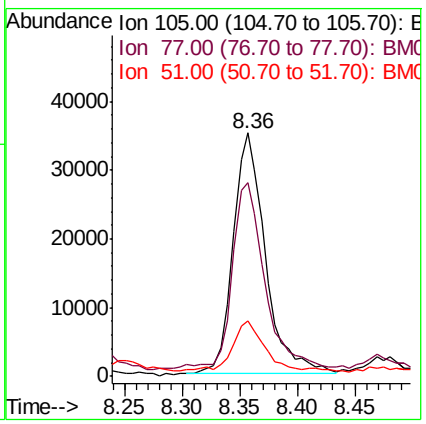




#14
Acetophenone
Concen: 1.574 ng/ul
RT: 8.36 min Scan# 930
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:105 Resp: 68178

Ion	Ratio	Lower	Upper
105	100		
77	79.6	63.8	95.6
51	22.7	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
JLM81

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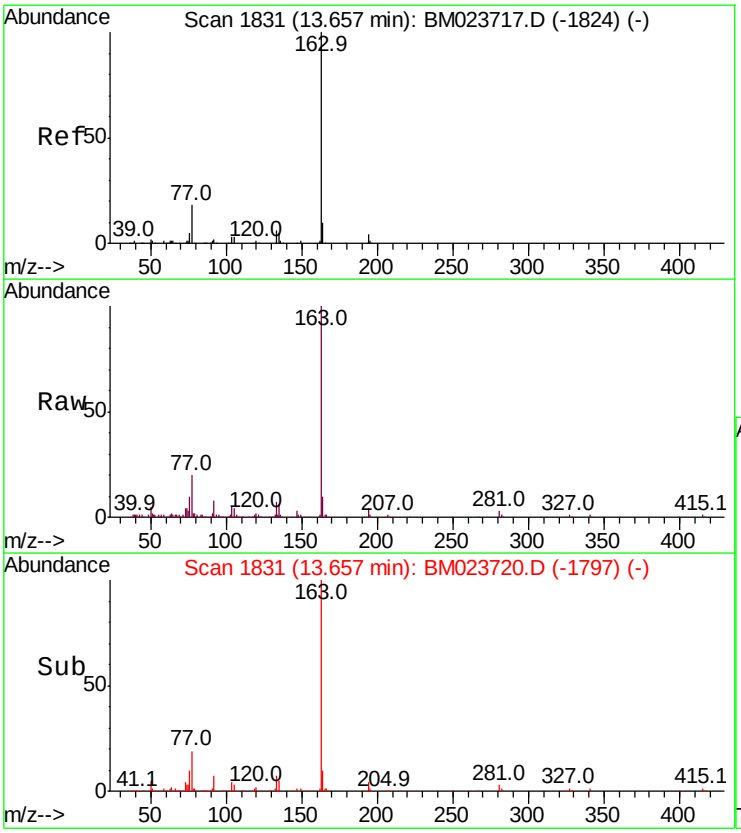
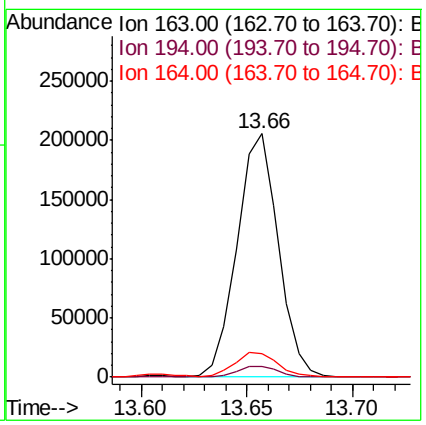
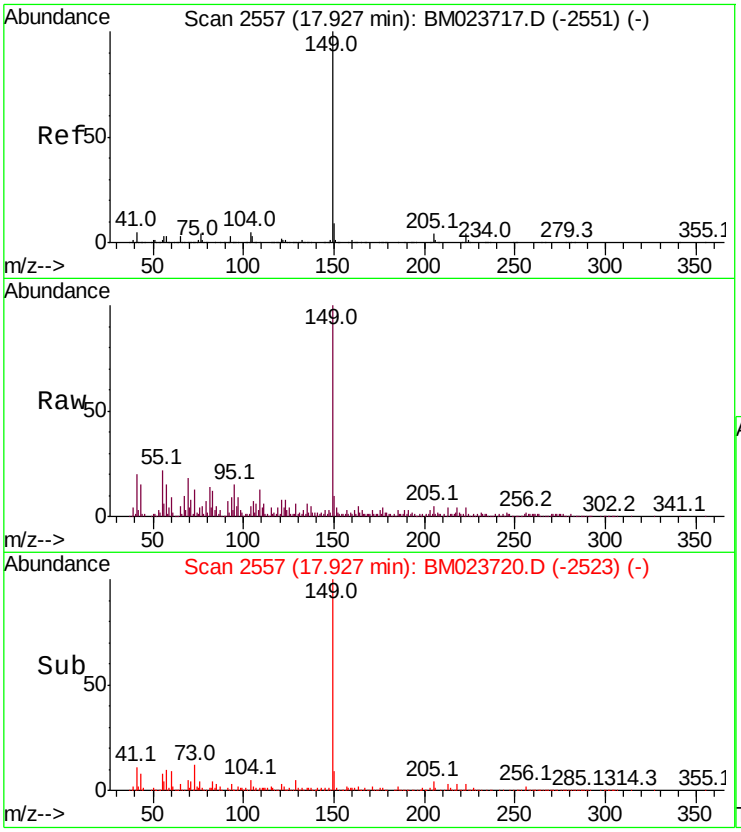


#45
Dimethylphthalate
Concen: 3.686 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:163 Resp: 277000

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	8.0	12.0

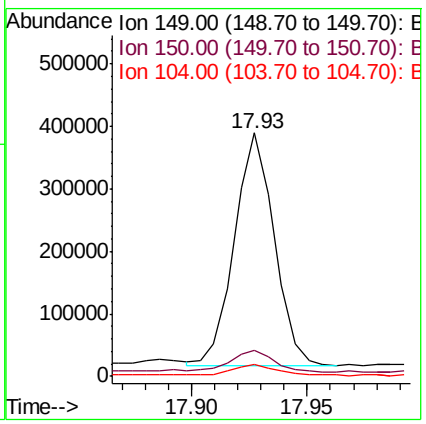




#76
Di-n-butylphthalate
Concen: 4.396 ng/ul
RT: 17.93 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:149 Resp: 445868

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	5.1	4.2	6.2



Instrument :
BNA_M
ClientSampleId :
JLM81

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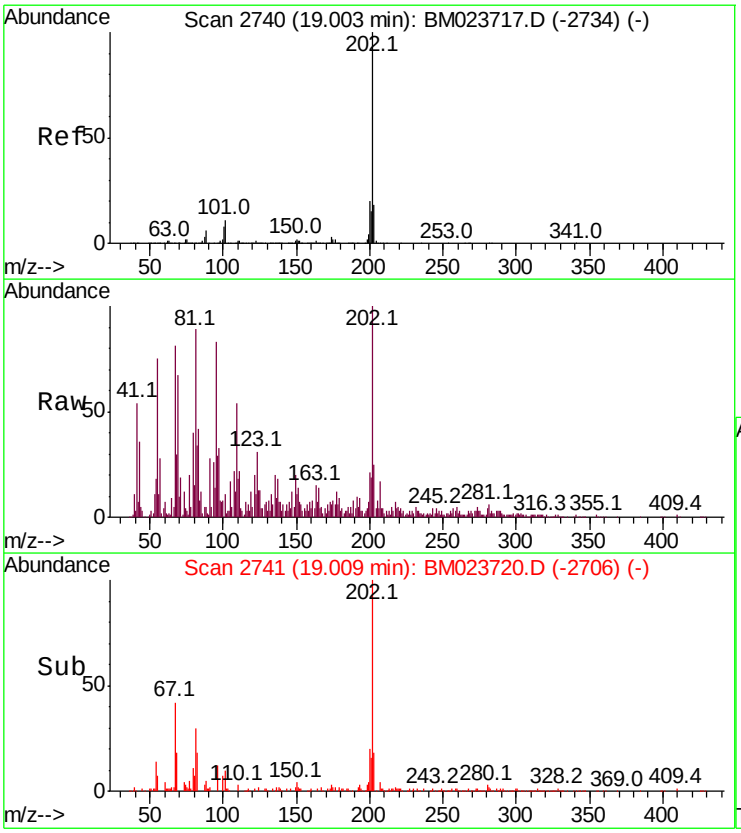
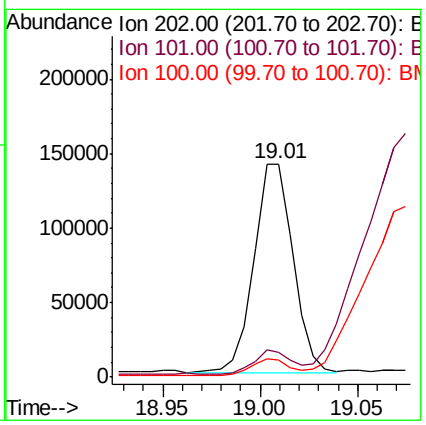
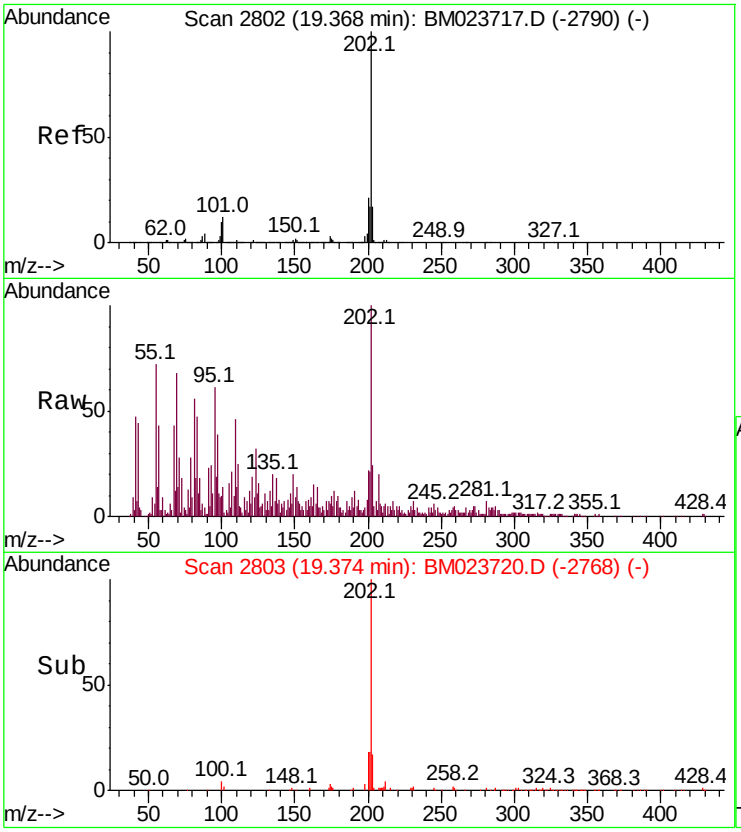


#77
Fluoranthene
Concen: 1.658 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:202 Resp: 194988

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.7	11.5
100	8.1	6.0	9.0





#80
Pyrene
Concen: 1.667 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:202 Resp: 206914

Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.8	14.6
100	10.4	8.1	12.1

Instrument :
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ClientSampleId :
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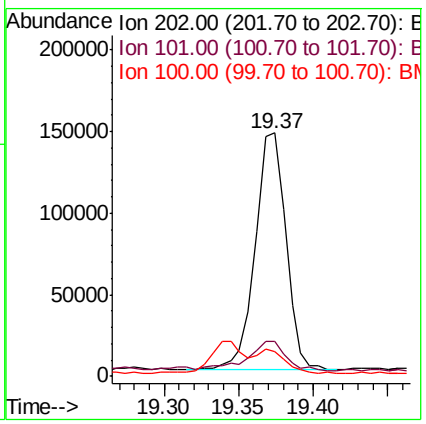
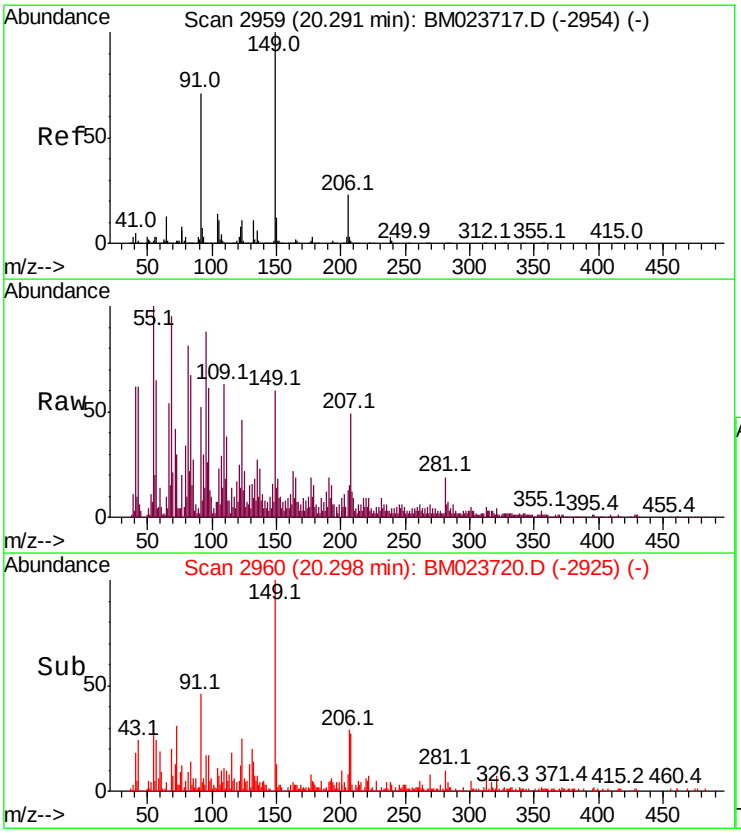
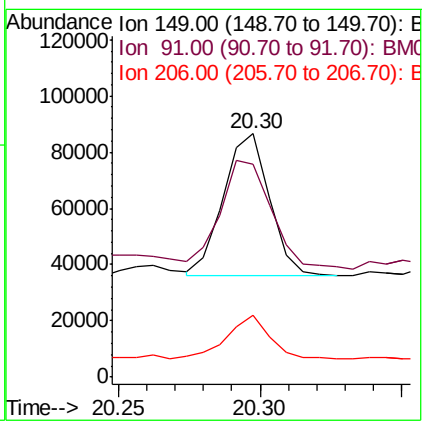


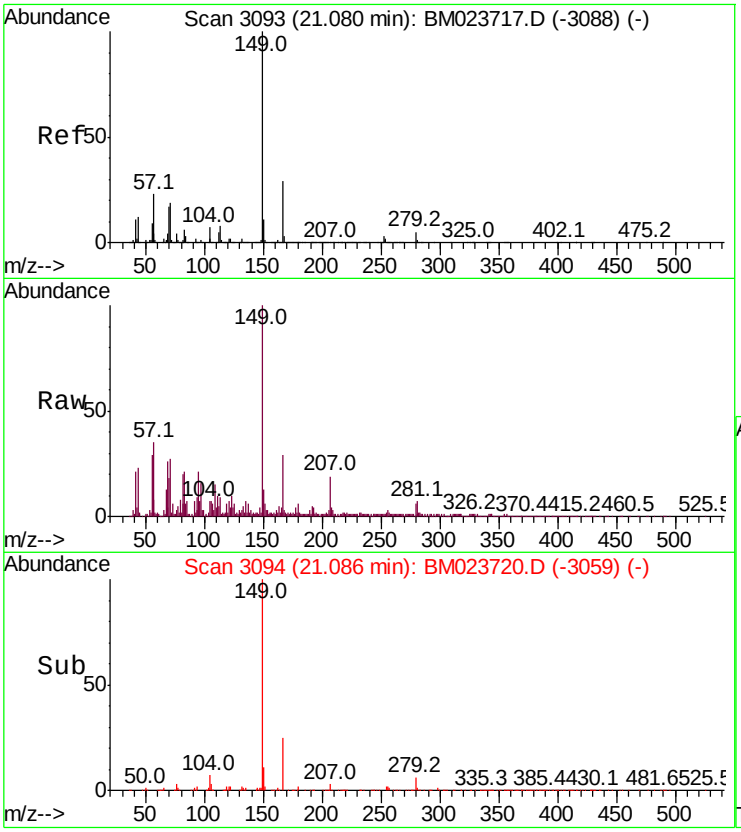


#81
Butylbenzylphthalate
Concen: 1.455 ng/ul
RT: 20.30 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:149 Resp: 57179

Ion	Ratio	Lower	Upper
149	100		
91	87.5	54.9	82.3#
206	25.2	19.3	28.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 13.135 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:149 Resp: 779580

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.2
279	6.1	5.0	7.4

Instrument :
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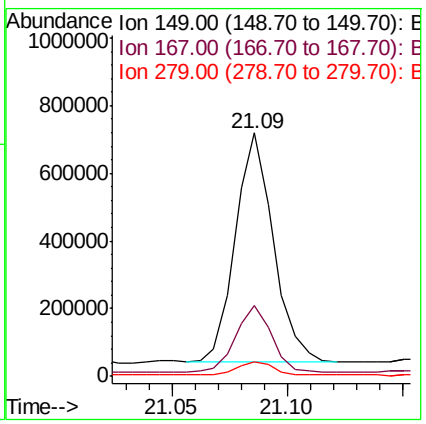
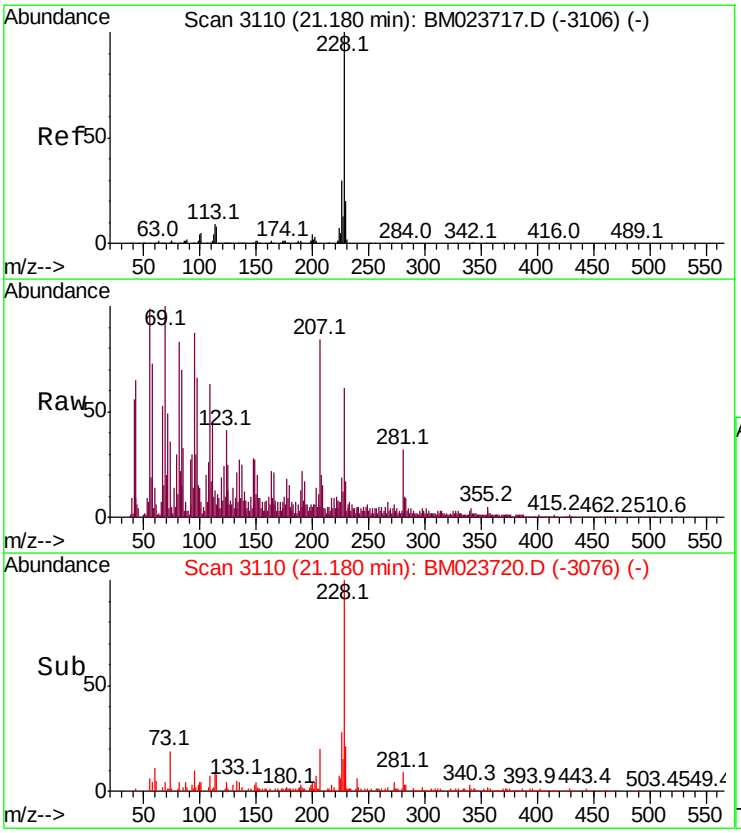
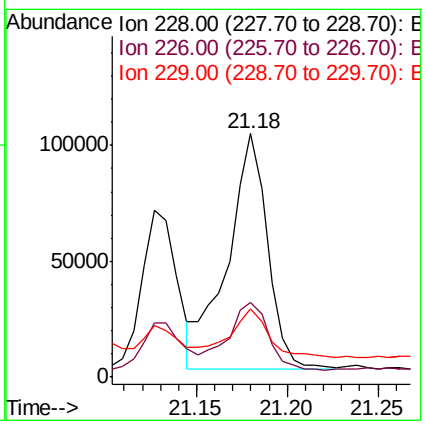


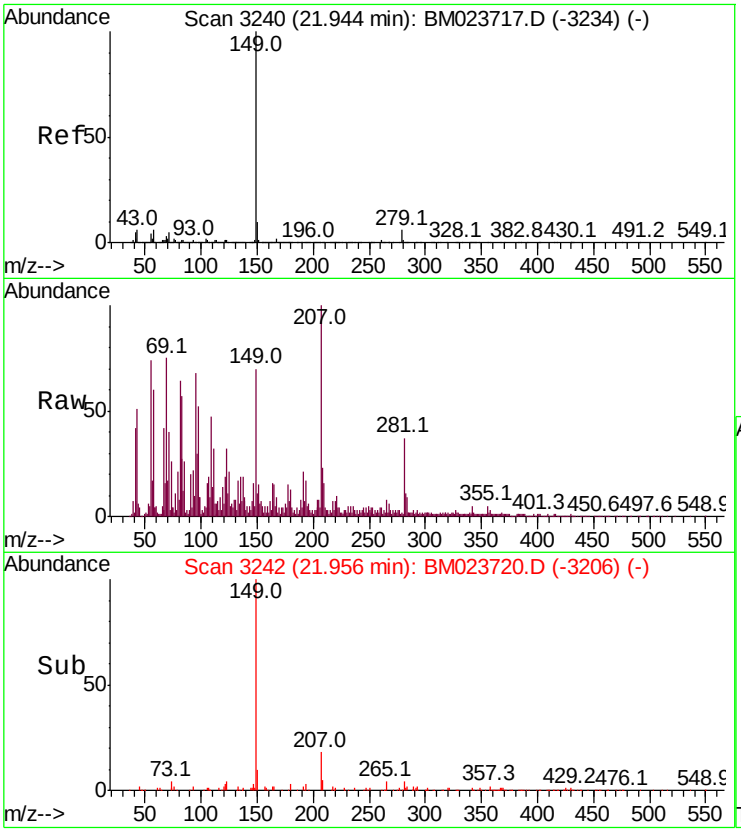


#85
Chrysene
Concen: 1.319 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:228 Resp: 157292

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	28.1	15.8	23.6#





#87
Di-n-octyl phthalate
Concen: 1.429 ng/ul
RT: 21.96 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:149 Resp: 160331

Instrument :
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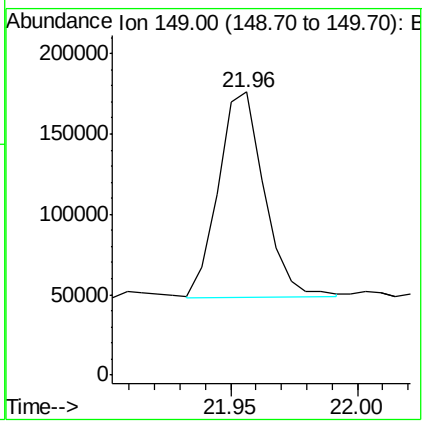
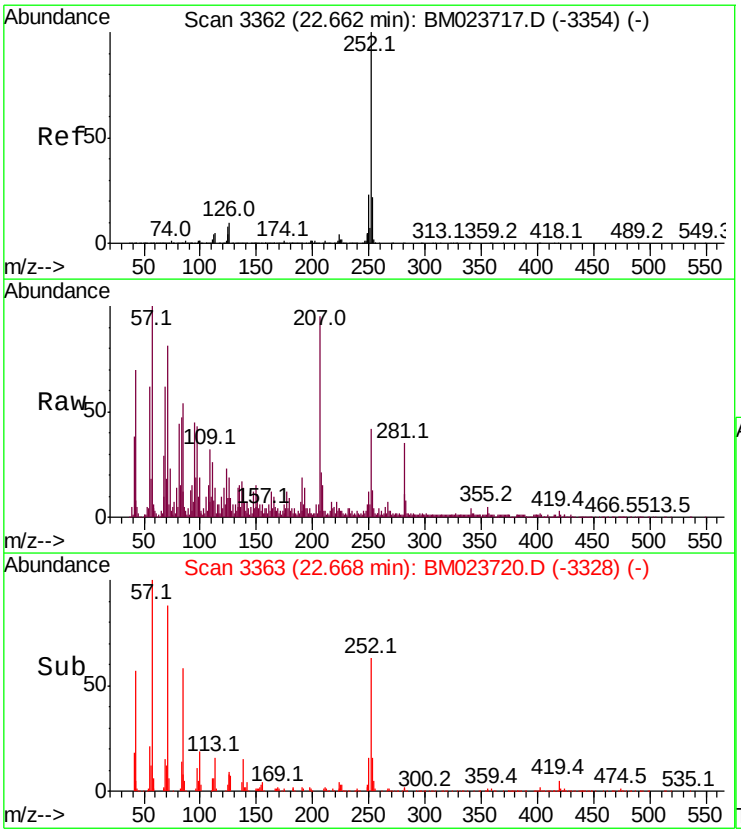
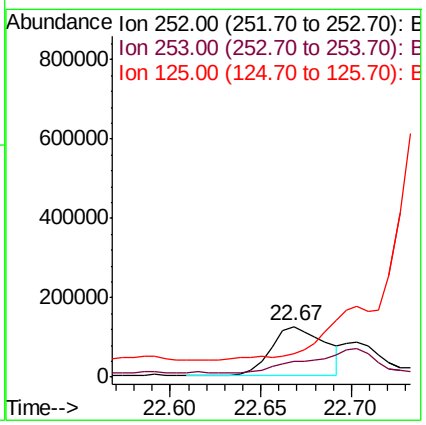


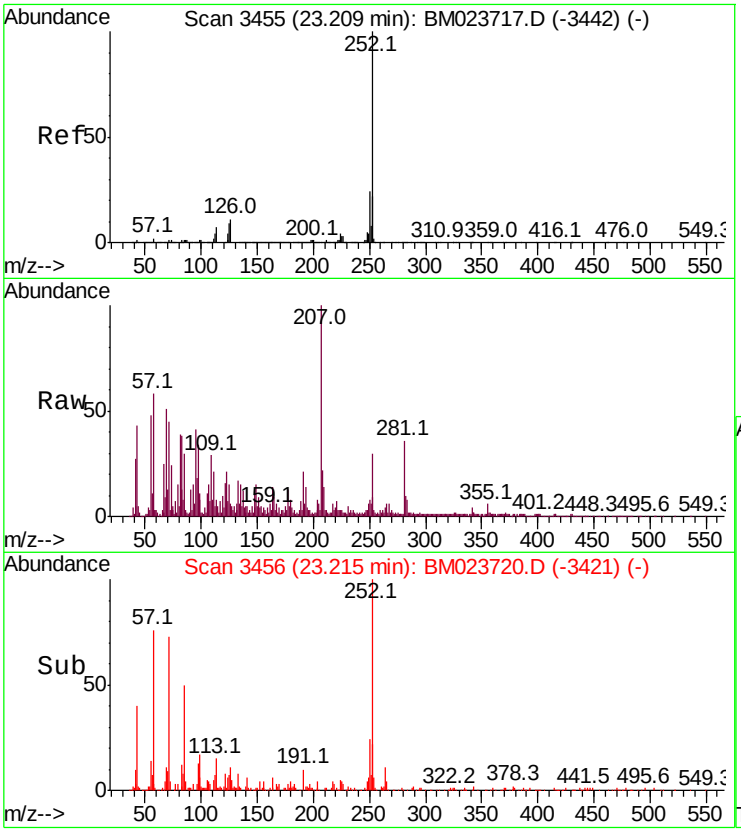


#88
Benzo(b)fluoranthene
Concen: 1.756 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:252 Resp: 256981

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.8	26.8#
125	45.1	6.5	9.7#





#91
Benzo(a)pyrene
Concen: 1.127 ng/ul
RT: 23.21 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:252 Resp: 151072

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.3	25.9#
125	48.1	6.9	10.3#

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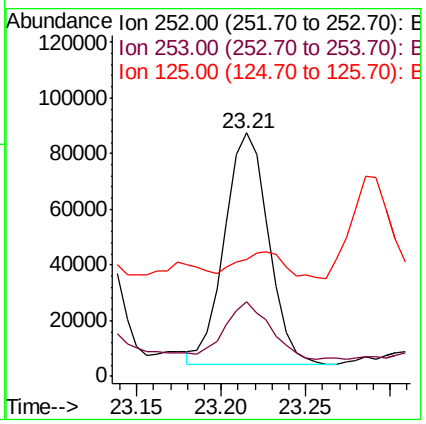

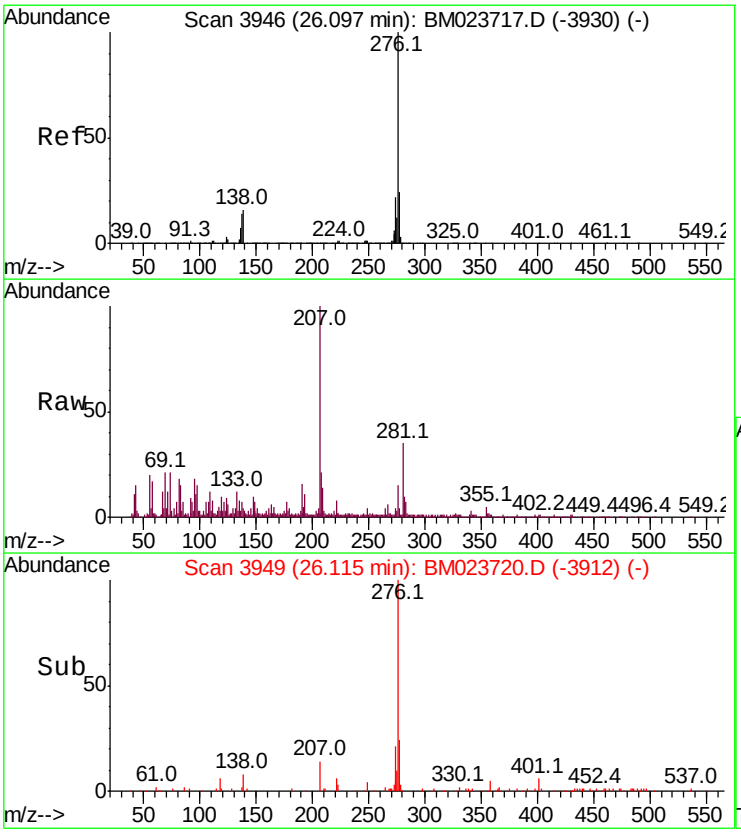

#94
Benzo(g,h,i)perylene
Concen: 1.101 ng/ul
RT: 26.11 min Scan# 3949
Delta R.T. 0.02 min
Lab File: BM023720.D
Acq: 14 Nov 2019 17:16

Tgt Ion:276 Resp: 127846

Ion	Ratio	Lower	Upper
276	100		
138	23.4	13.2	19.8#
277	29.7	18.6	28.0#