Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013974.D
Acq On : 30 Jan 2018 00:53
Operator : SJ/JU
Sample : J1295-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6C13

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:22 PM

Quant Time: Jan 30 03:55:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 02:42:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	105643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	417417	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	259245	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	618475	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	755008	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	746508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	9464	3.54	ng/uL	0.00
5) Phenol-d5	6.76	99	216591	26.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	139545	28.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	185582	28.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	175045	28.08	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	96681	29.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	107848	31.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	187231	28.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	216348	37.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	702697	32.89	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	861188	31.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	79726m	22.96	ng/ul	0.00
57) Fluorene-d10	15.22	176	614614	32.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	92632	24.88	ng/ul	0.00
70) Anthracene-d10	17.07	188	970849	32.23	ng/ul	0.00
76) Pyrene-d10	19.38	212	1180067	33.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1194107	34.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	13816	1.698	ng/ul#	68
44) Dimethylphthalate	13.69	163	108031	5.142	ng/ul#	99
47) Acenaphthylene	13.95	152	37632	1.510	ng/ul#	92
68) Pentachlorophenol	16.64	266	40466	9.685	ng/ul	95
74) Fluoranthene	19.04	202	377628	9.202	ng/ul#	96
77) Pyrene	19.41	202	625581	13.629	ng/ul#	95
80) Benzo(a)anthracene	21.16	228	249063	5.459	ng/ul	96
82) Chrysene	21.22	228	347830	8.311	ng/ul	96
85) Benzo(b)fluoranthene	22.72	252	479628	10.462	ng/ul#	97
86) Benzo(k)fluoranthene	22.75	252	133494	3.013	ng/ul#	95
88) Benzo(a)pyrene	23.26	252	106665	2.463	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	116367	2.276	ng/ul#	96
91) Benzo(g,h,i)perylene	26.21	276	81269	1.931	ng/ul#	97

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

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Instrument :
BNA_M
ClientSampleId :
F6C13

Manual Integrations APPROVED
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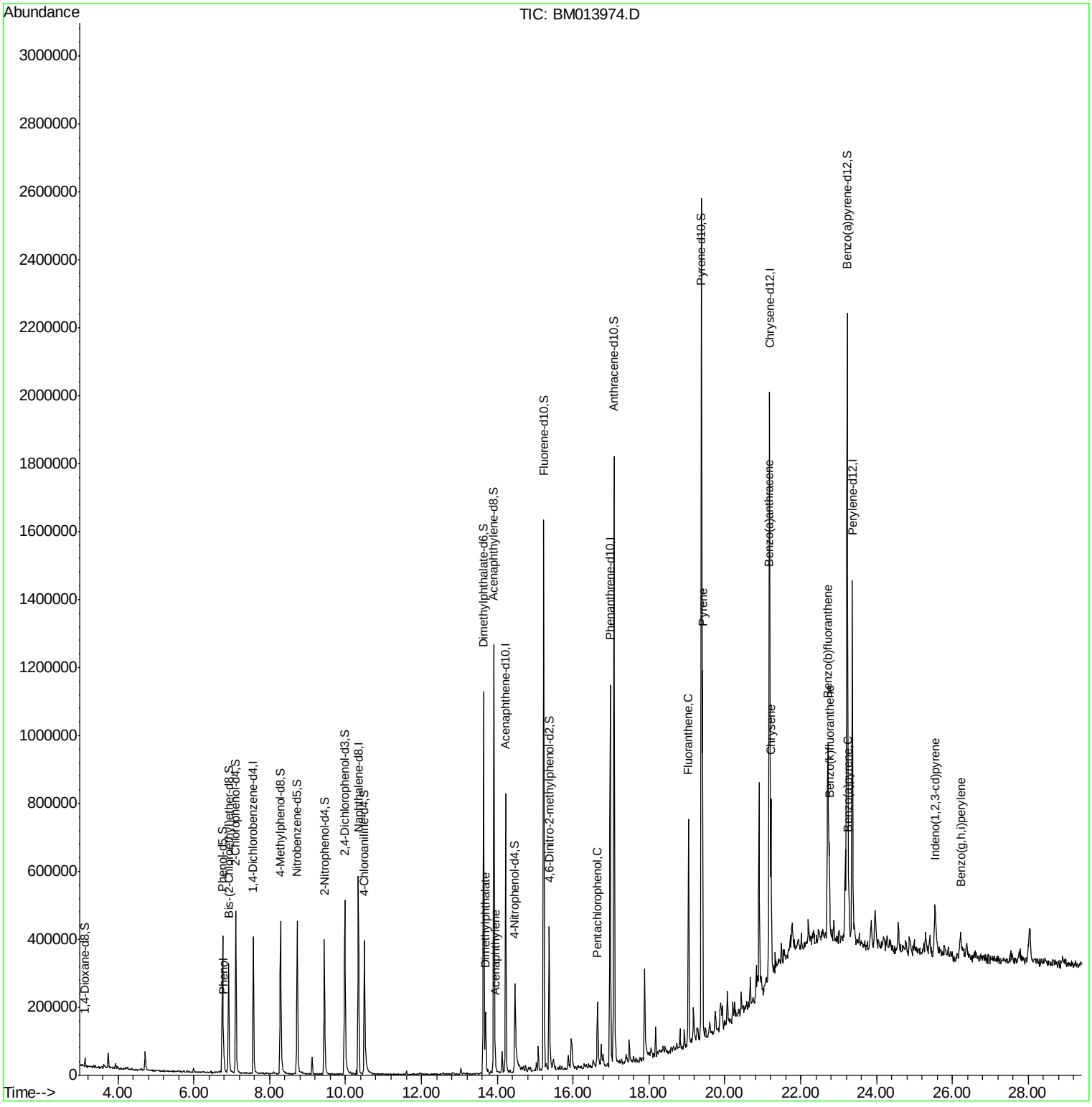

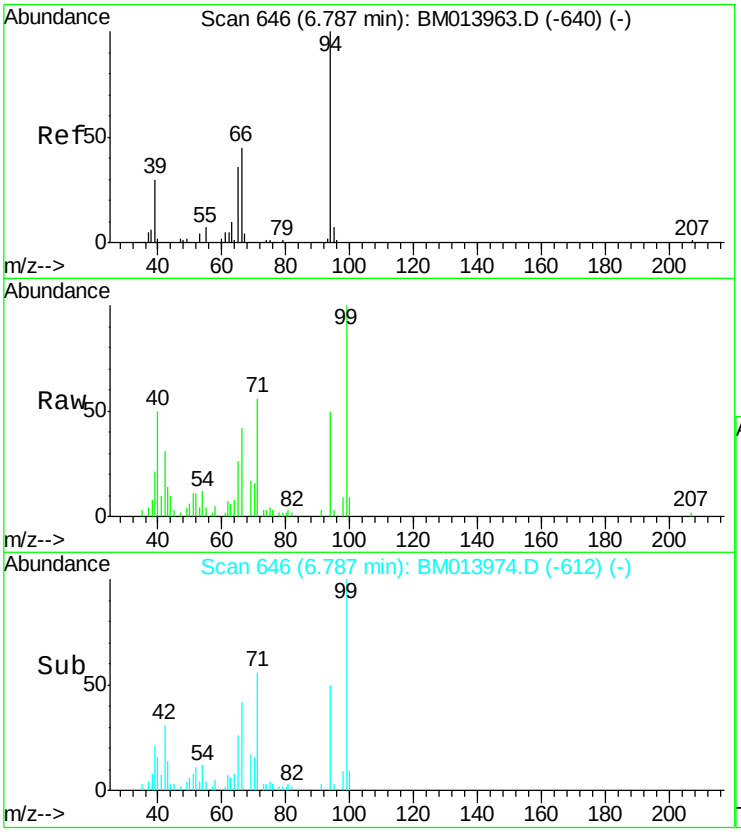

#6
Phenol
Concen: 1.698 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion: 94 Resp: 13816

Ion	Ratio	Lower	Upper
94	100		
65	51.6	28.2	42.4#
66	84.4	47.2	70.8#

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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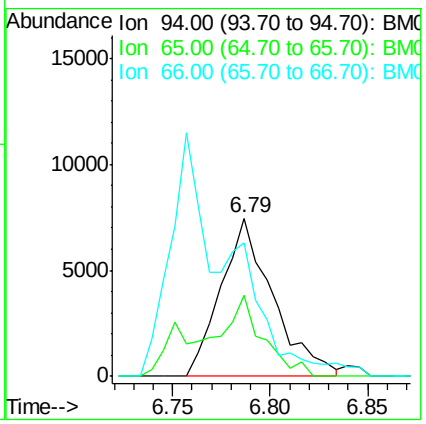
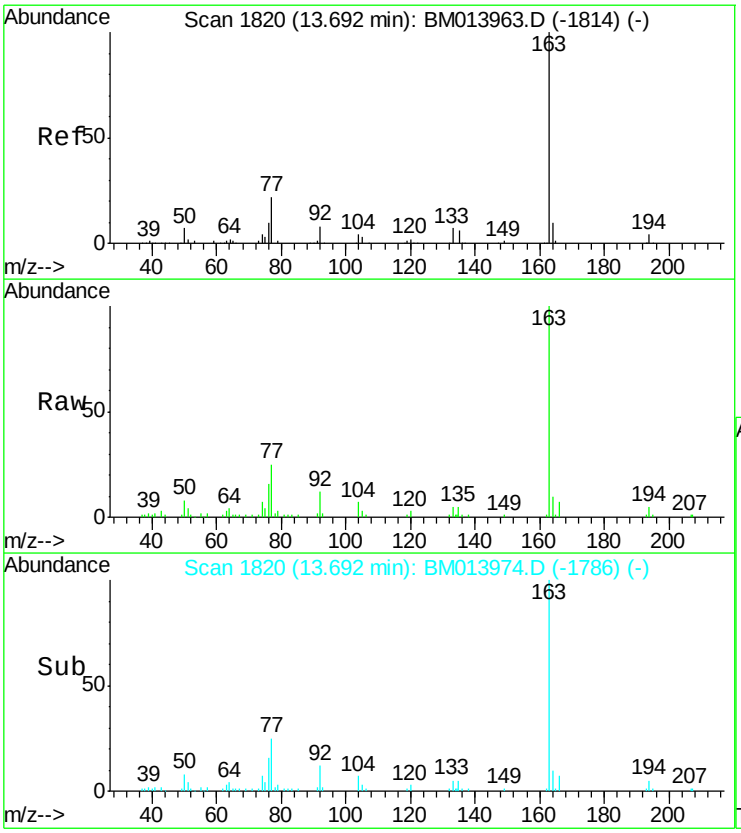
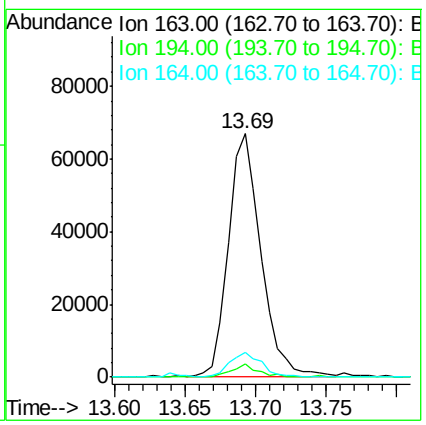


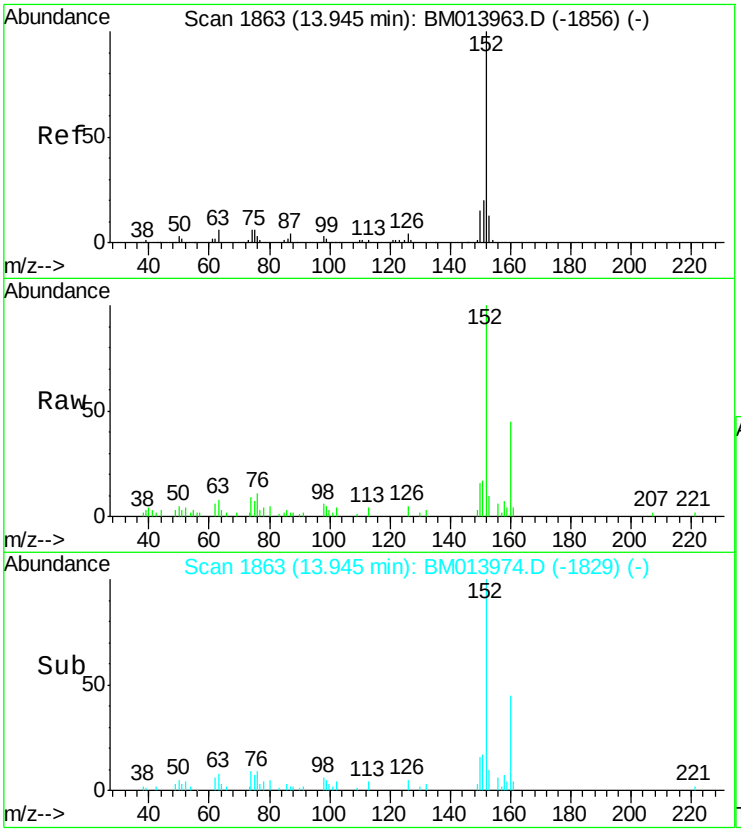


#44
Dimethylphthalate
Concen: 5.142 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:163 Resp: 108031

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.0	8.2	12.4

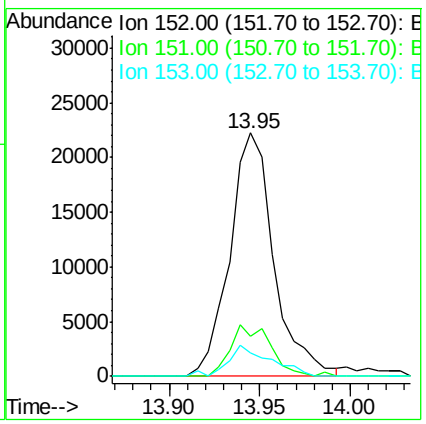




#47
Acenaphthylene
Concen: 1.510 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:152 Resp: 37632

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.3	24.5
153	9.9	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
F6C13

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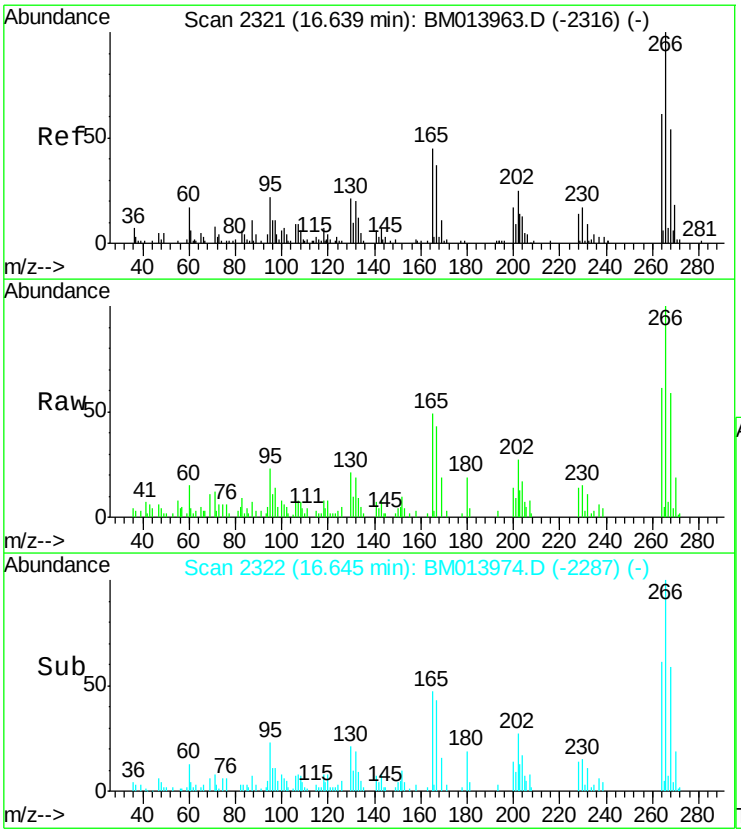
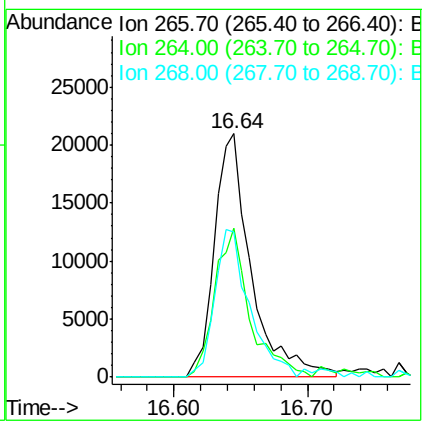
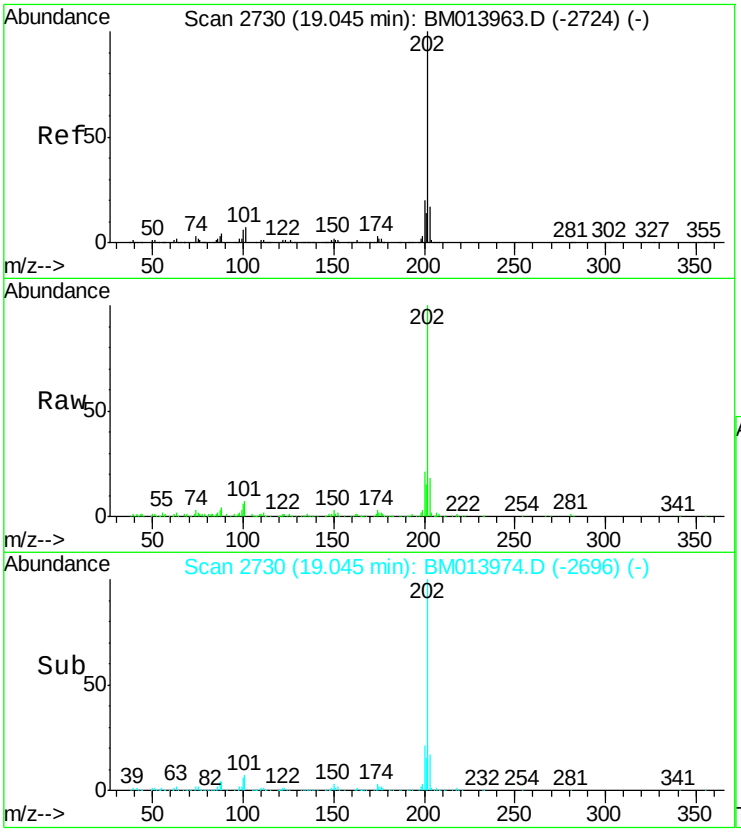


#68
Pentachlorophenol
Concen: 9.685 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:266 Resp: 40466

Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.3	73.9
268	59.4	52.6	78.8





#74
Fluoranthene
Concen: 9.202 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:202 Resp: 377628

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.6	7.0
100	5.6	3.4	5.2#

Instrument :
BNA_M
ClientSampleId :
F6C13

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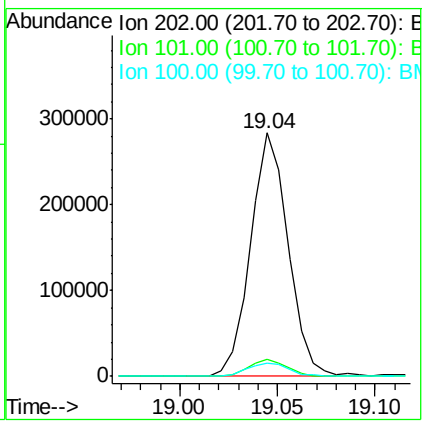
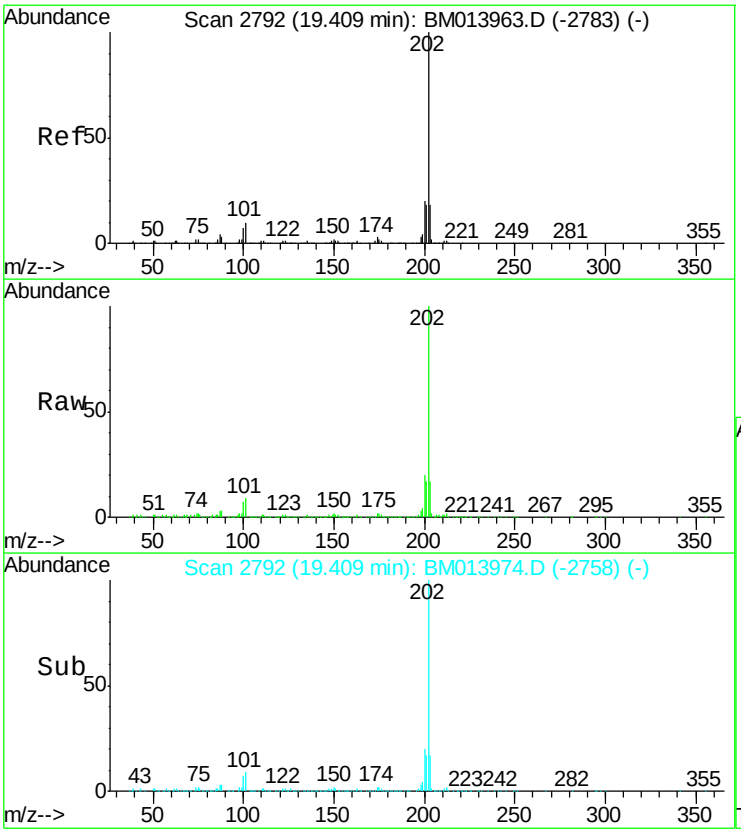
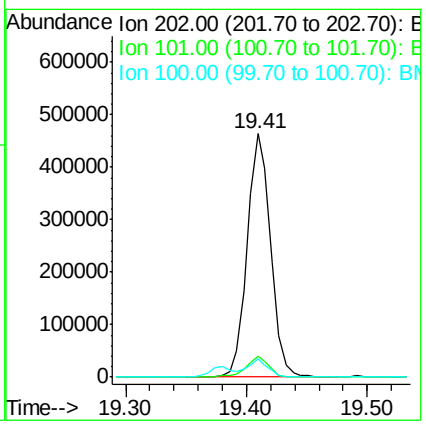


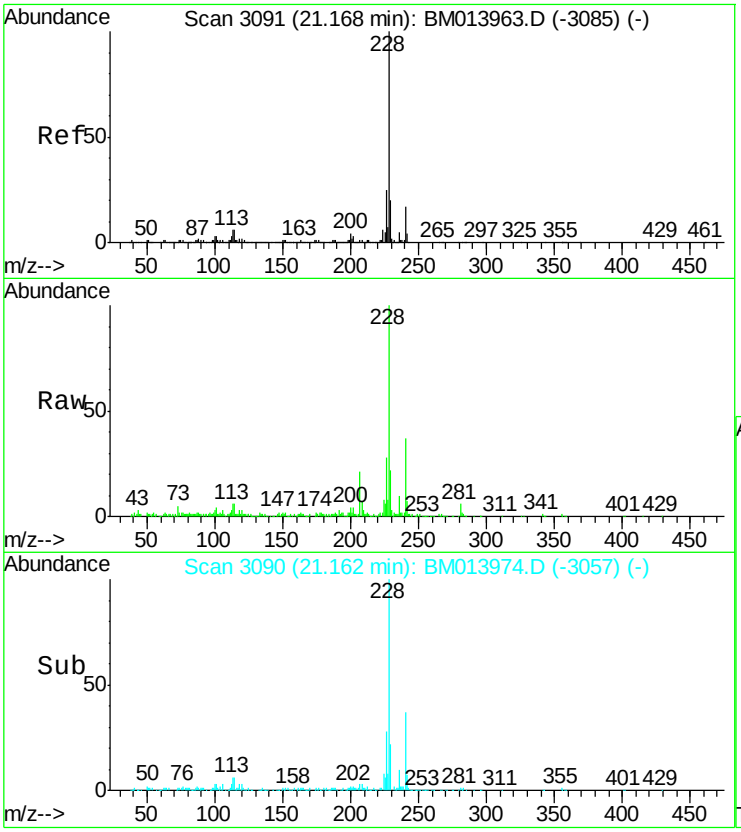


#77
Pyrene
Concen: 13.629 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:202 Resp: 625581

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	7.4	4.9	7.3#

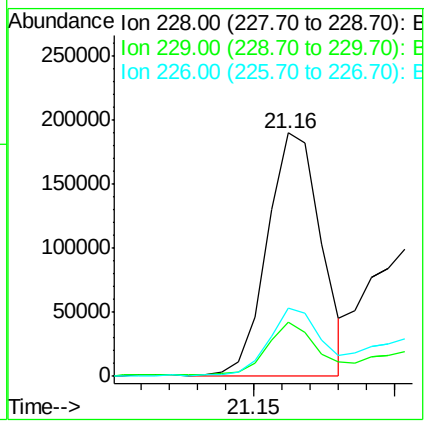




#80
Benzo(a)anthracene
Concen: 5.459 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:228 Resp: 249063

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	28.2	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
F6C13

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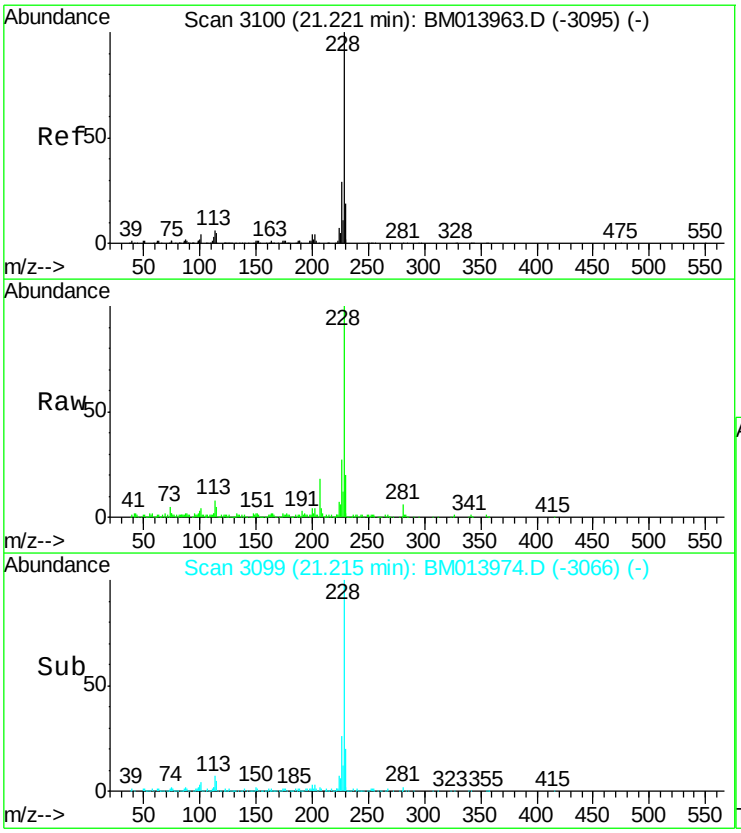
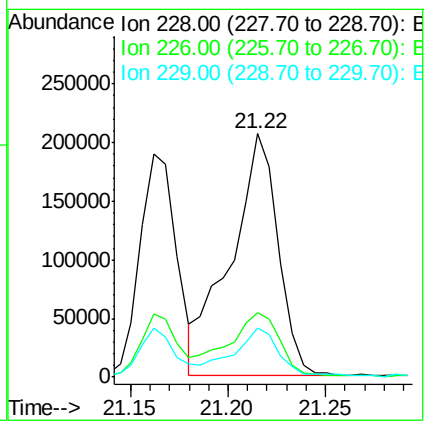
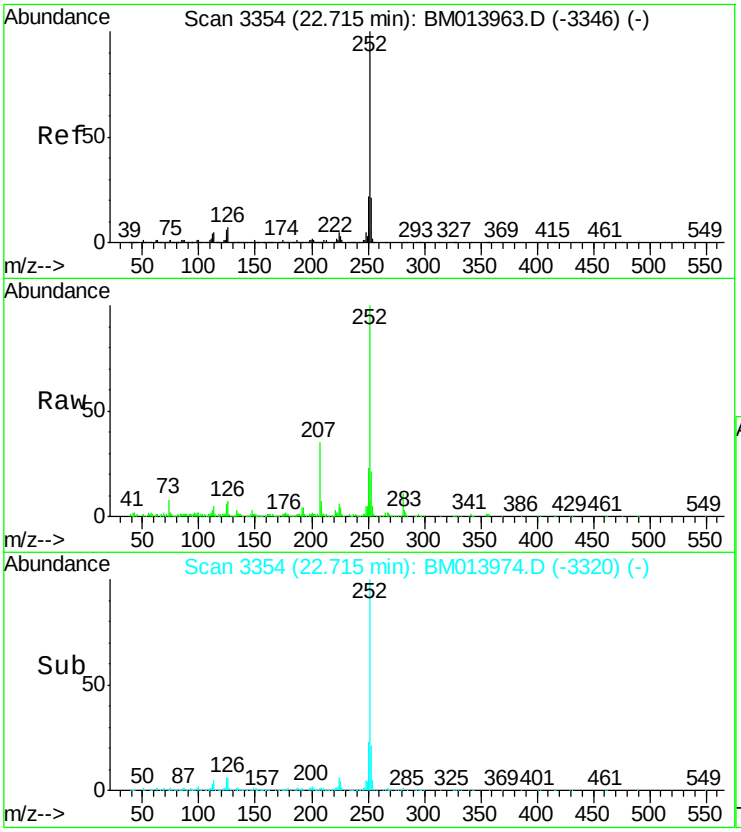


#82
Chrysene
Concen: 8.311 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:228 Resp: 347830

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.4	35.2
229	20.0	15.5	23.3

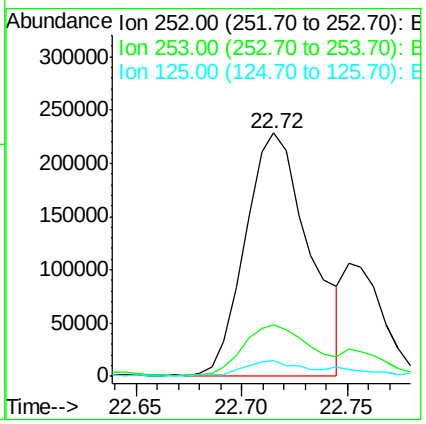




#85
Benzo(b)fluoranthene
Concen: 10.462 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:252 Resp: 479628

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	6.3	3.6	5.4#



Instrument :
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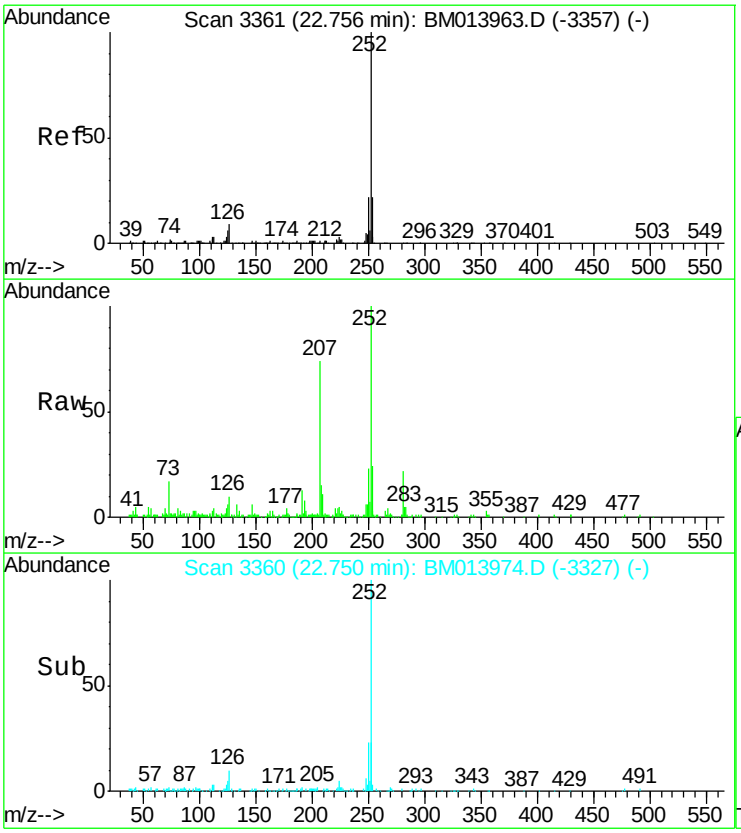
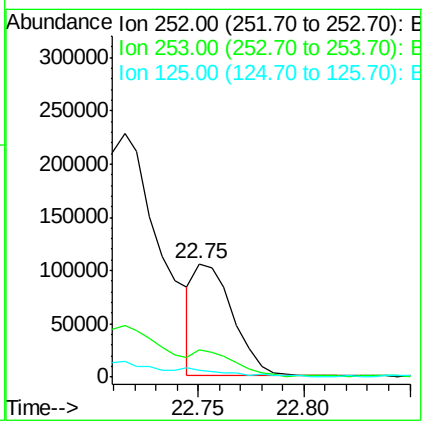
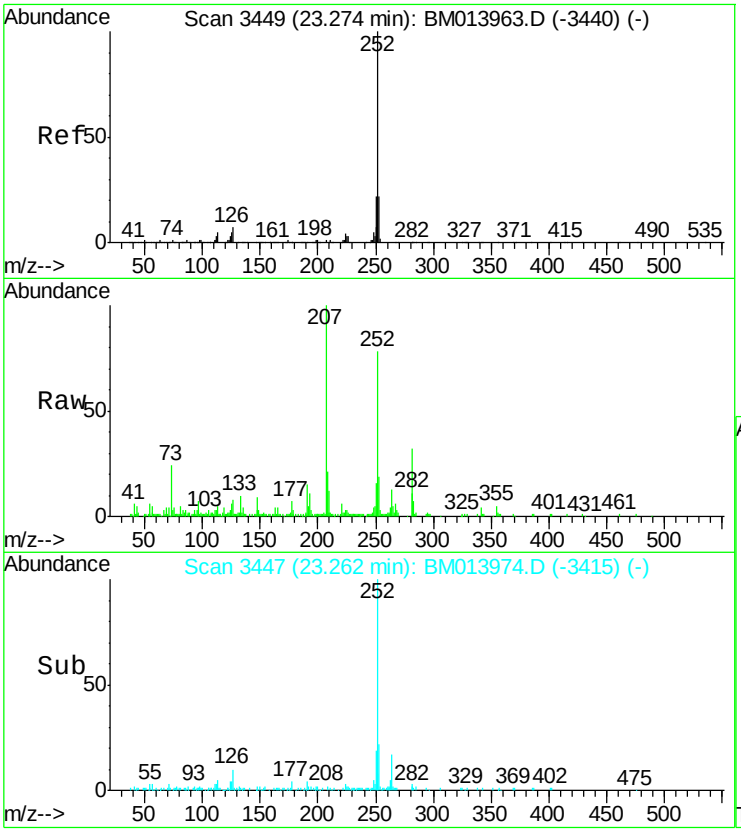


#86
Benzo(k)fluoranthene
Concen: 3.013 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:252 Resp: 133494

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	6.0	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.463 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:252 Resp: 106665

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	7.3	4.0	6.0#

Instrument :
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Manual Integrations APPROVED
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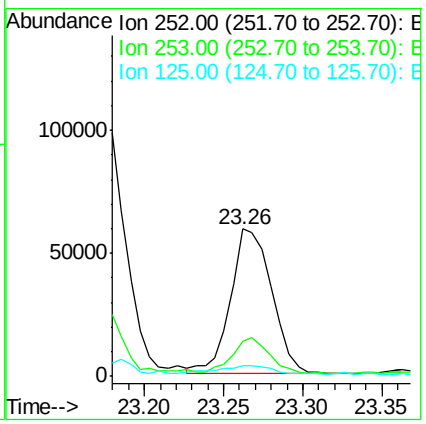
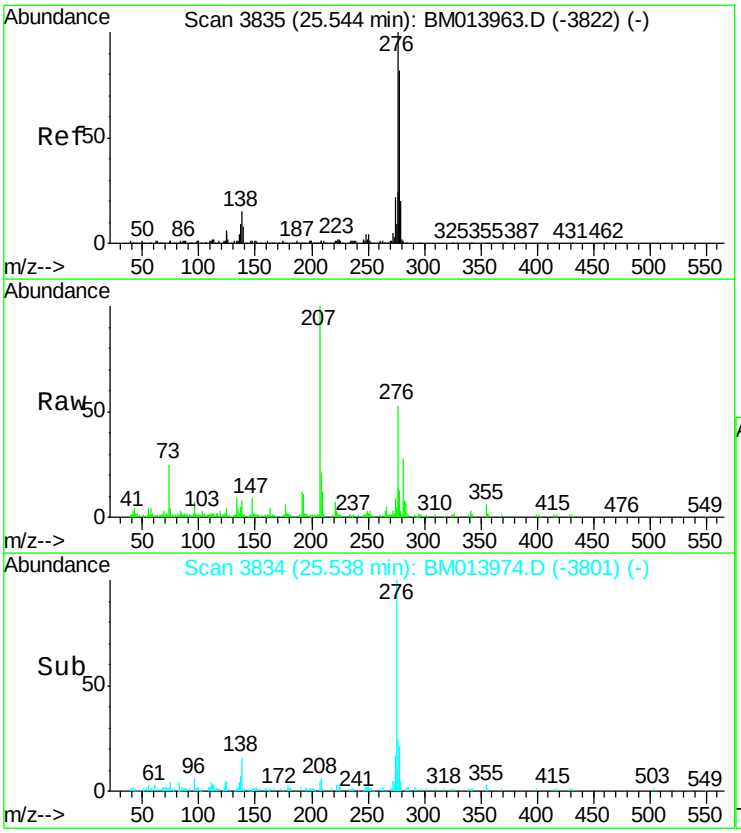
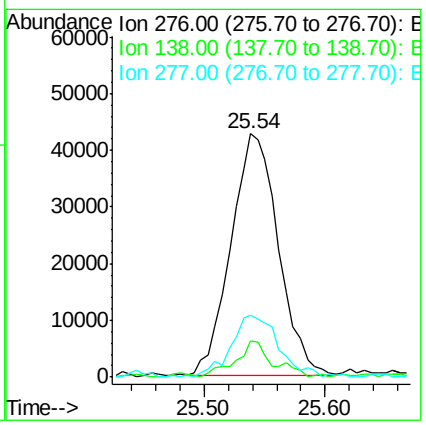


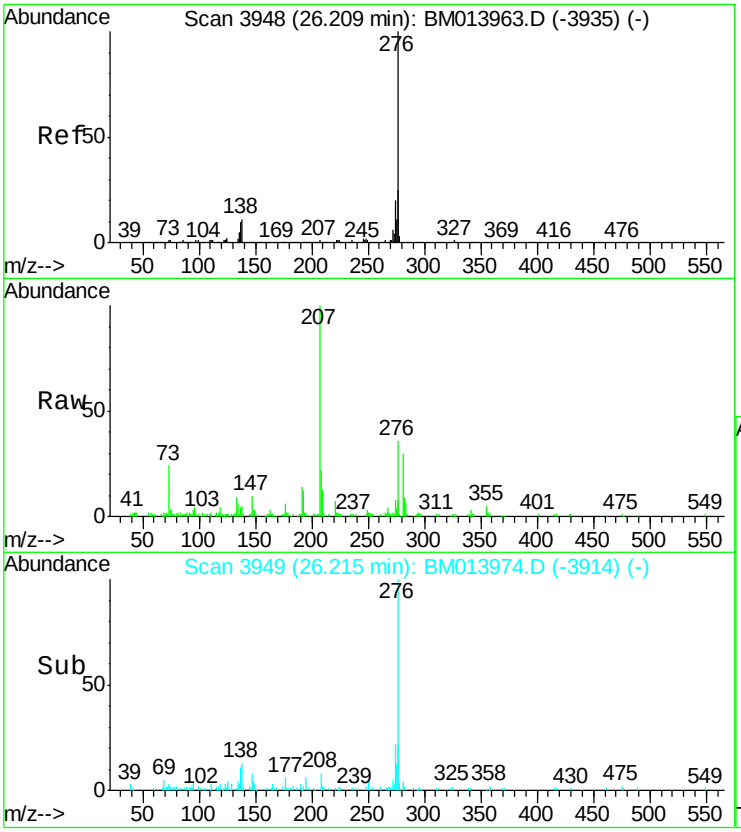


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.276 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:276 Resp: 116367

Ion	Ratio	Lower	Upper
276	100		
138	15.0	9.3	13.9#
277	25.7	19.9	29.9

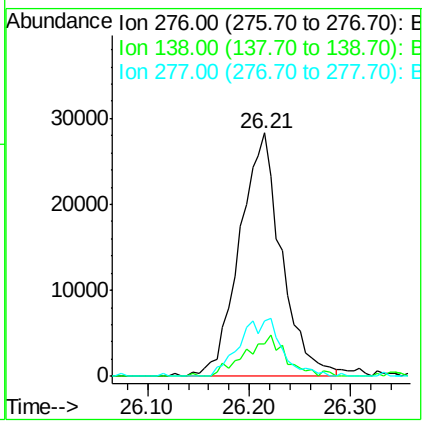




#91
Benzo(g,h,i)perylene
Concen: 1.931 ng/ul
RT: 26.21 min Scan# 3949
Delta R.T. 0.01 min
Lab File: BM013974.D
Acq: 30 Jan 2018 00:53

Tgt Ion:276 Resp: 81269

Ion	Ratio	Lower	Upper
276	100		
138	13.1	8.5	12.7#
277	22.8	18.6	28.0



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