Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F12

Manual Integrations APPROVED
Sohil
3/14/2018 1:36:05 PM

Quant Time: Mar 14 02:50:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	112303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	479024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	261792	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	560390	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	422533	20.00	ng/ul	0.00
83) Perylene-d12	23.30	264	325418	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4912	1.87	ng/uL	0.00
5) Phenol-d5	6.70	99	189860	20.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	117121	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	153013	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	134992	16.25	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	78892	22.29	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	97973	26.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	167909	22.13	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	105874m	14.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	558452	25.83	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	675280	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	68164m	22.84	ng/ul	0.00
57) Fluorene-d10	15.15	176	448943	23.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	59992	17.85	ng/ul	0.00
70) Anthracene-d10	17.00	188	645441	23.87	ng/ul	0.00
76) Pyrene-d10	19.32	212	647180	29.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.16	264	393078	24.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	31225	3.135	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	45298m	2.419	ng/ul	
44) Dimethylphthalate	13.62	163	75647	3.548	ng/ul	99
69) Phenanthrene	16.95	178	103294	3.199	ng/ul	97
77) Pyrene	19.35	202	77032	2.743	ng/ul#	97
82) Chrysene	21.17	228	50103m	2.037	ng/ul	
91) Benzo(g,h,i)perylene	26.13	276	23696	1.548	ng/ul#	72

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

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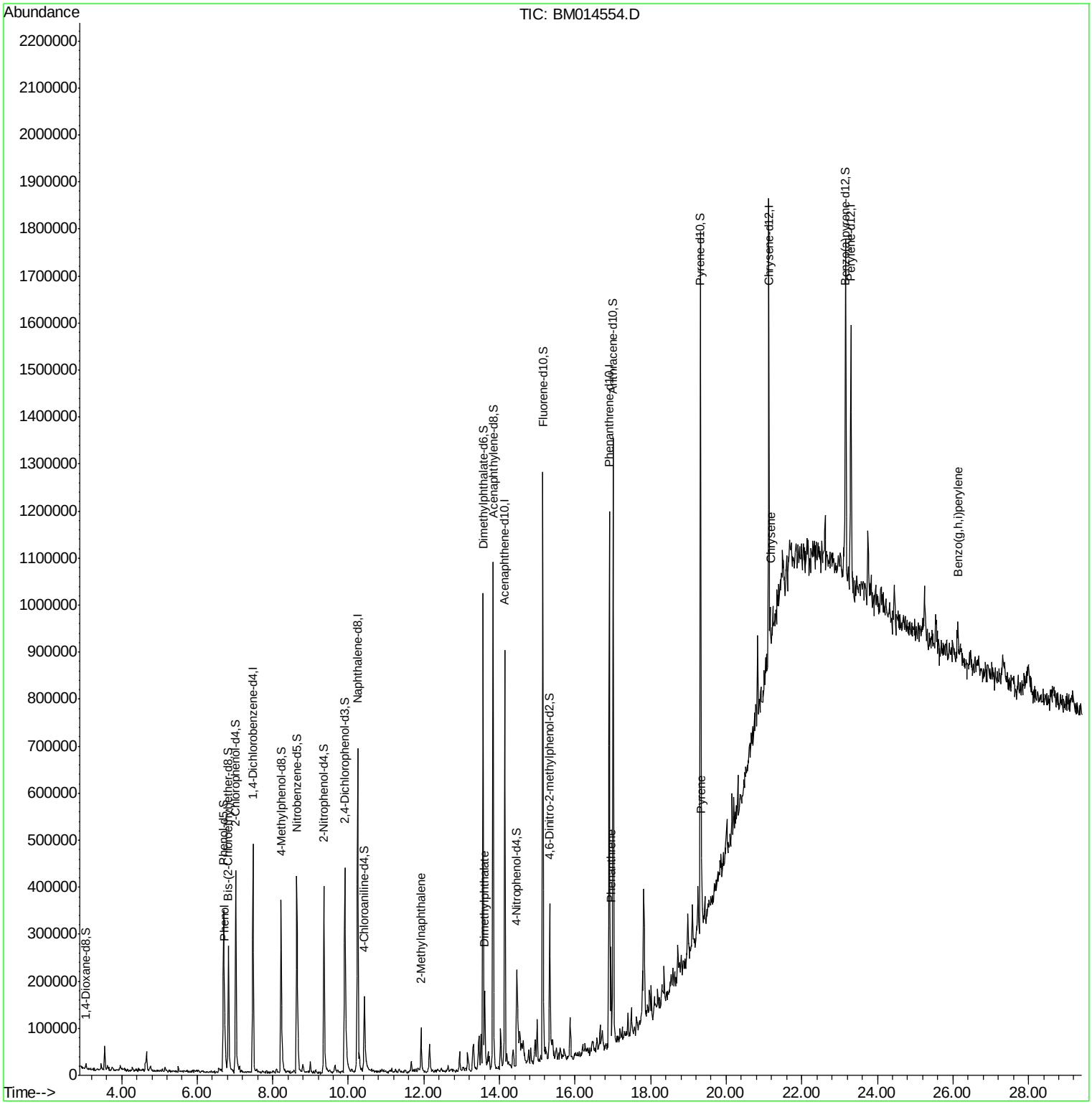
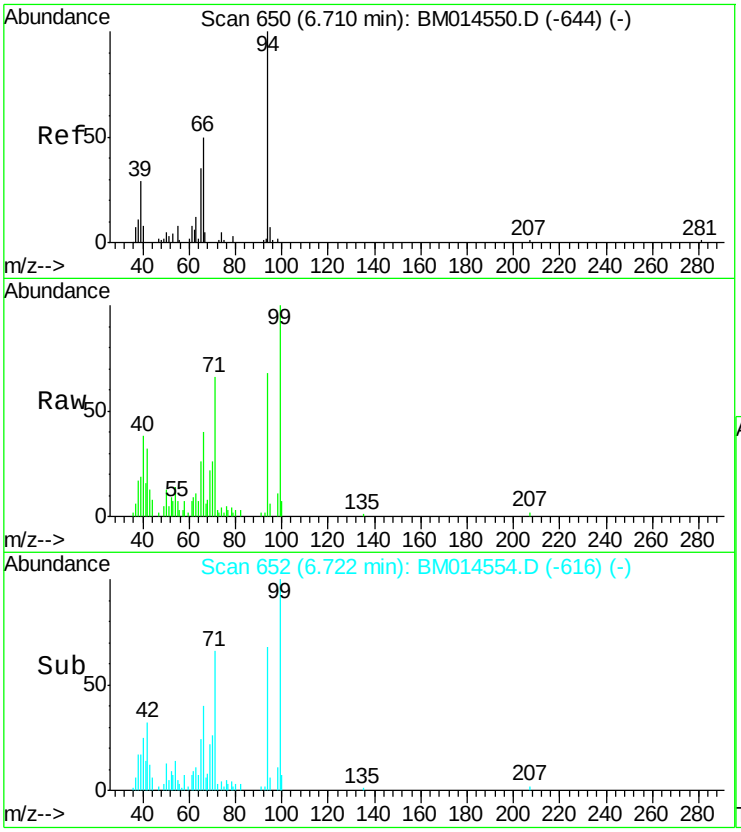
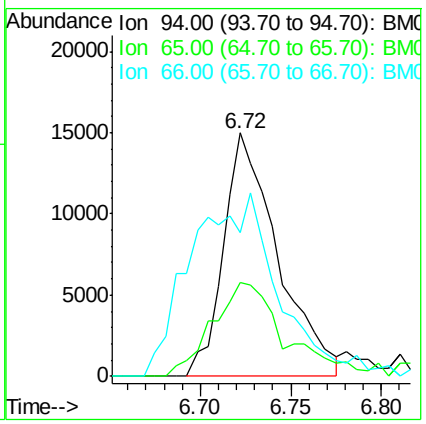




#6
Phenol
Concen: 3.135 ng/ul
RT: 6.72 min Scan# 652
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion: 94 Resp: 31225

Ion	Ratio	Lower	Upper
94	100		
65	38.4	28.2	42.4
66	58.9	47.2	70.8



Instrument :
BNA_M
ClientSampleId :
F6F12

Manual Integrations APPROVED
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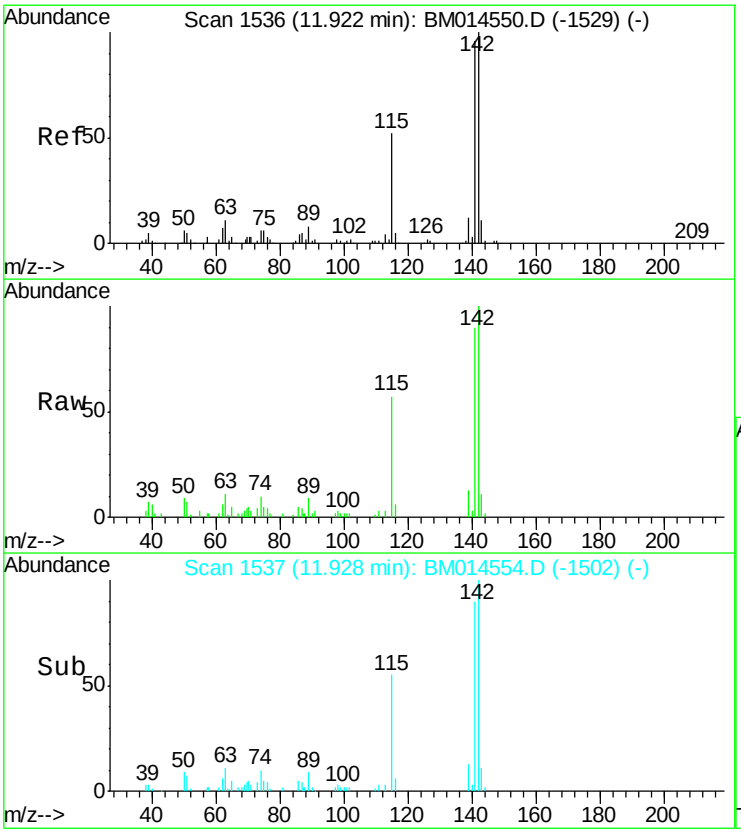
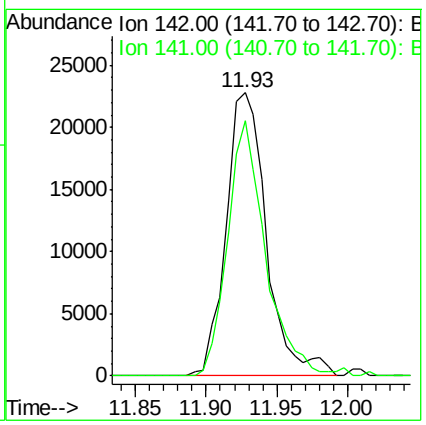
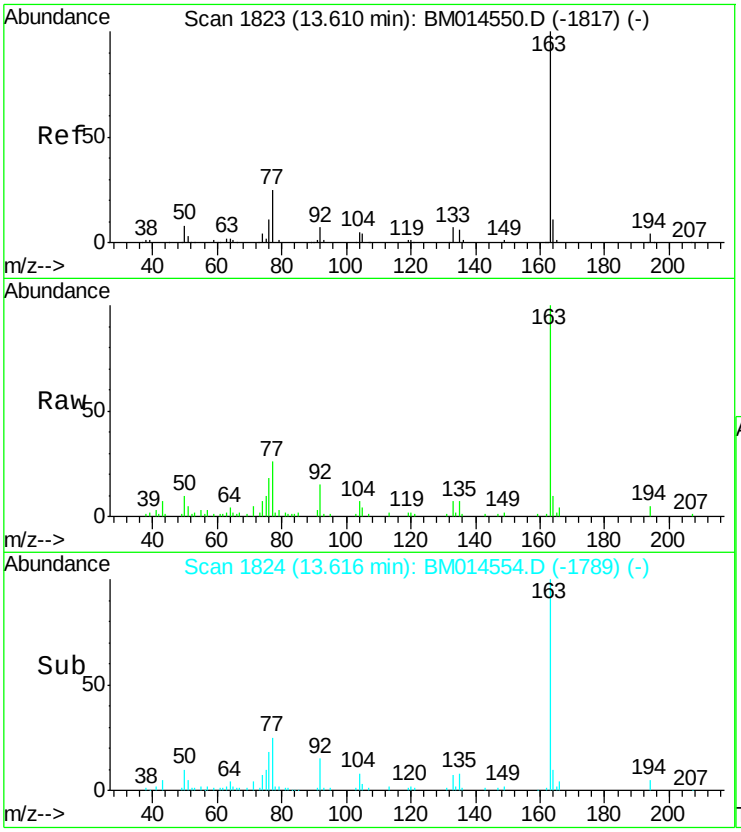


#34
2-Methylnaphthalene
Concen: 2.419 ng/ul m
RT: 11.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:142 Resp: 45298

Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.1	111.1

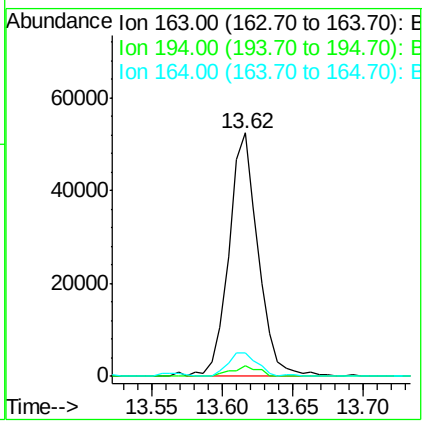




#44
Dimethylphthalate
Concen: 3.548 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:163 Resp: 75647

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.7	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
F6F12

Manual Integrations APPROVED
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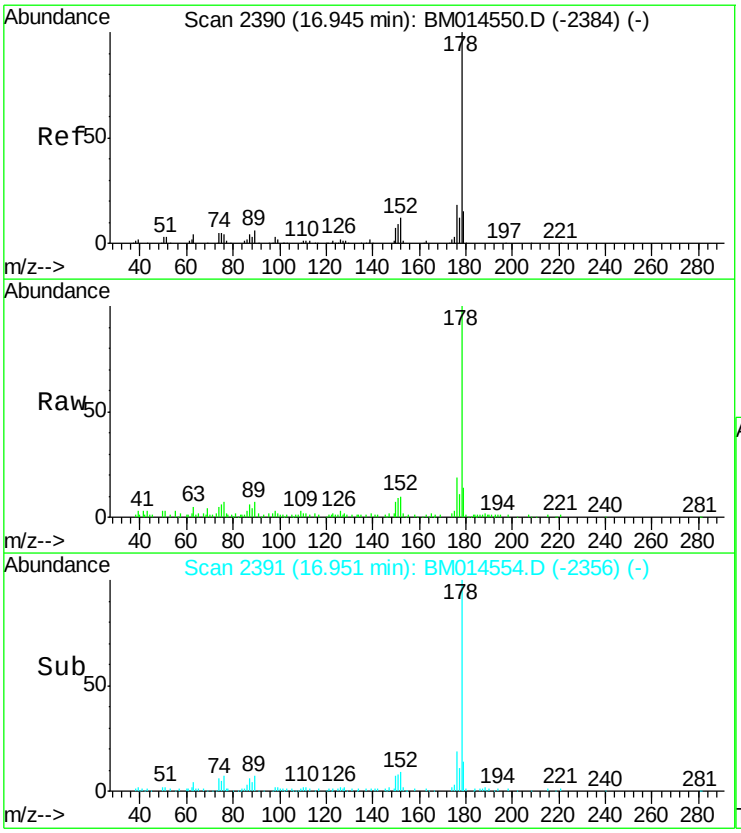
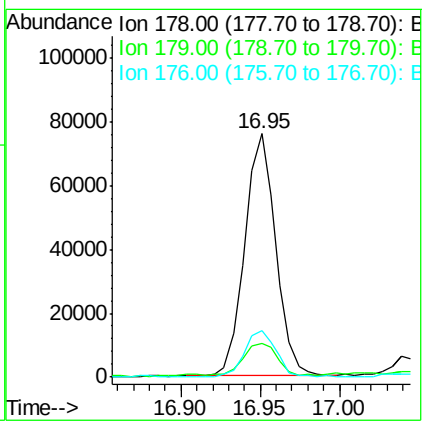
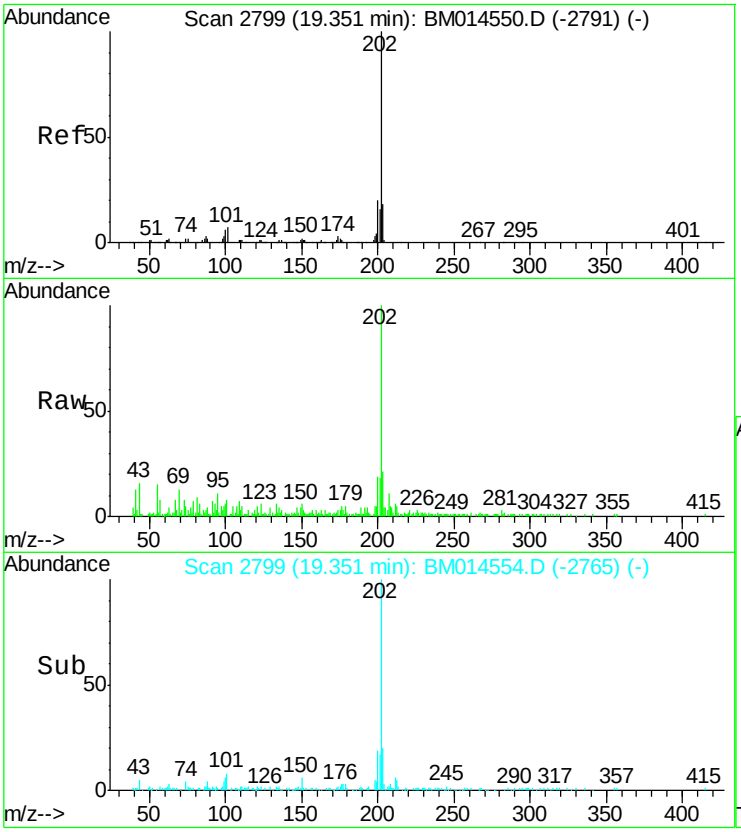


#69
Phenanthrene
Concen: 3.199 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:178 Resp: 103294

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.6	19.0
176	19.2	14.9	22.3





#77
Pyrene
Concen: 2.743 ng/ul
RT: 19.35 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:202 Resp: 77032

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	6.3	4.9	7.3

Instrument :
BNA_M
ClientSampleId :
F6F12

Manual Integrations APPROVED
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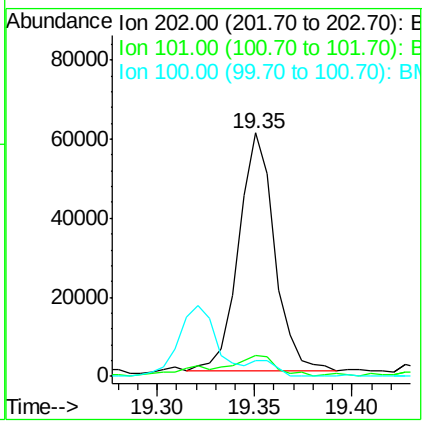
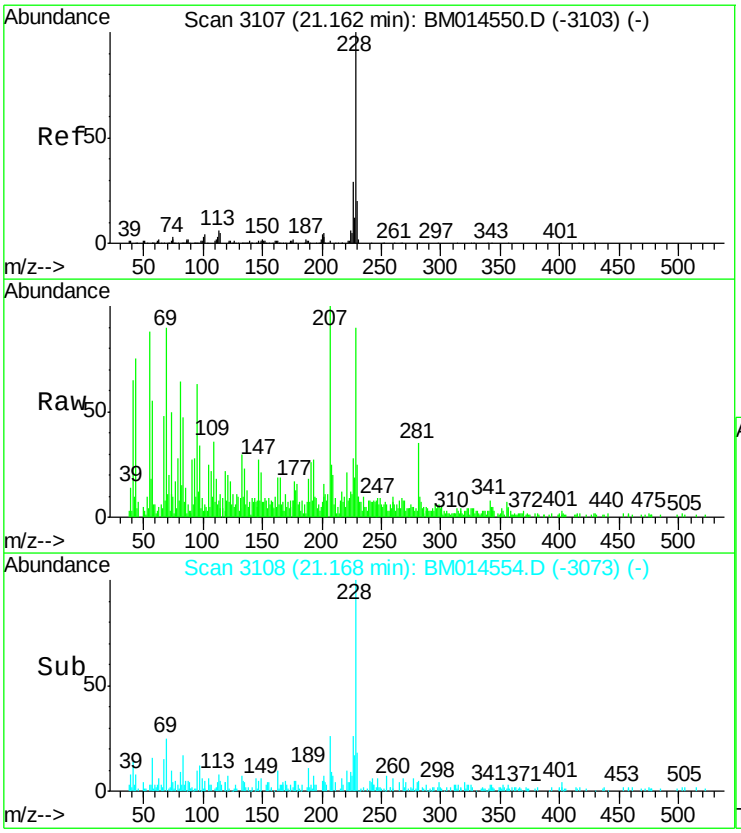
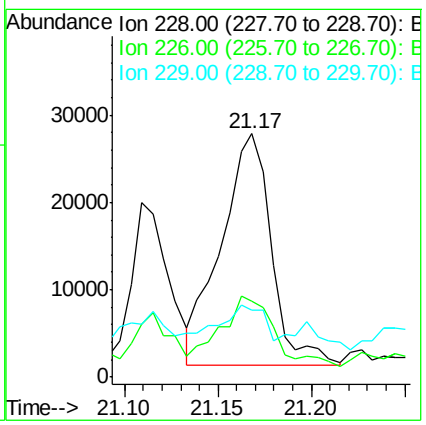


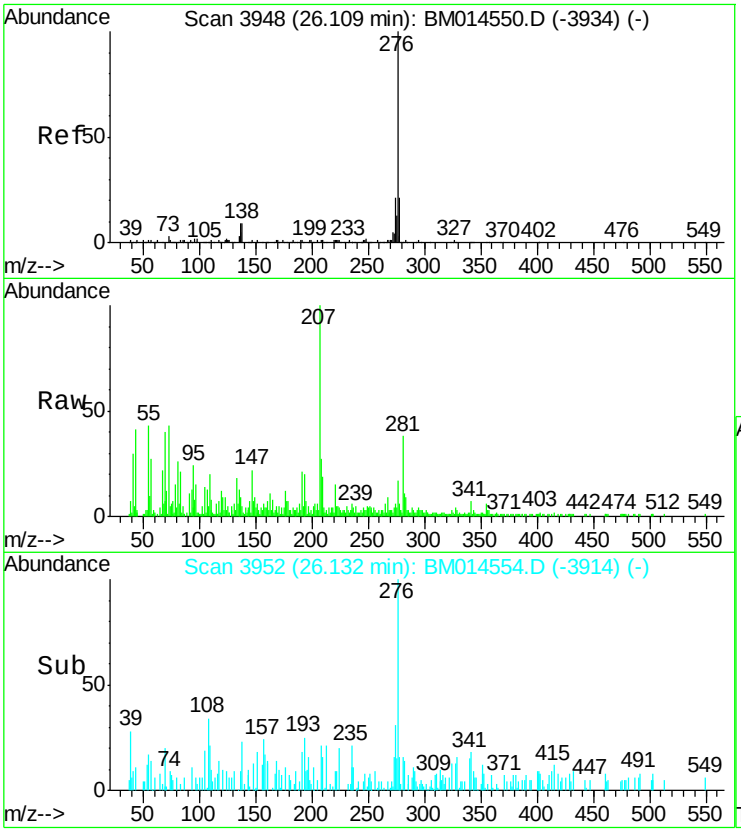


#82
Chrysene
Concen: 2.037 ng/ul m
RT: 21.17 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:228 Resp: 50103

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	27.6	15.5	23.3#

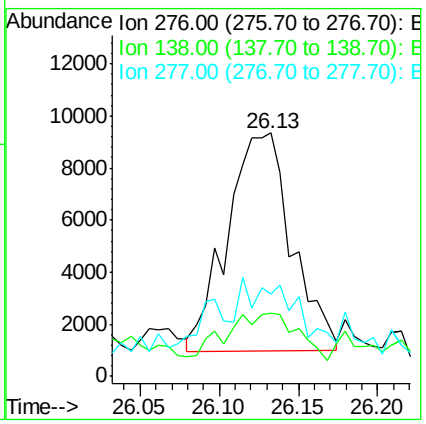




#91
Benzo(g,h,i)perylene
Concen: 1.548 ng/ul
RT: 26.13 min Scan# 3952
Delta R.T. 0.02 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:276 Resp: 23696

Ion	Ratio	Lower	Upper
276	100		
138	26.1	8.5	12.7#
277	34.0	18.6	28.0#



Instrument :
BNA_M
ClientSampleId :
F6F12

Manual Integrations APPROVED
Sohil
3/14/2018 1:36:05 PM