Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014961.D
Acq On : 04 May 2018 02:20
Operator : SJ/JU
Sample : J2554-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
Sohil
5/4/2018 3:11:06 PM

Quant Time: May 04 11:37:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	426978	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1735956	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	855233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1667539	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1503081	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1655690	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	48218	4.93	ng/uL	0.00
5) Phenol-d5	7.62	99	902458	27.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	617085	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	762915	27.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	620647	23.58	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	344380	27.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	367383	29.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	634702	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	797347	31.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1787894	26.78	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2157763	26.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	267040	21.55	ng/ul	0.00
57) Fluorene-d10	16.07	176	1499917	25.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	166589	18.46	ng/ul	0.00
70) Anthracene-d10	17.91	188	2069822	26.63	ng/ul	0.00
76) Pyrene-d10	20.14	212	2056769	28.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2340189	28.77	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.65	94	61592m	1.897	ng/ul	
44) Dimethylphthalate	14.53	163	348497	5.400	ng/ul	99
74) Fluoranthene	19.82	202	226716	2.322	ng/ul#	81
77) Pyrene	20.17	202	219333	2.497	ng/ul#	75
80) Benzo(a)anthracene	21.89	228	117566	1.338	ng/ul	95
82) Chrysene	21.94	228	135513	1.647	ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	206387	2.115	ng/ul#	80
88) Benzo(a)pyrene	24.27	252	132610	1.432	ng/ul#	86

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

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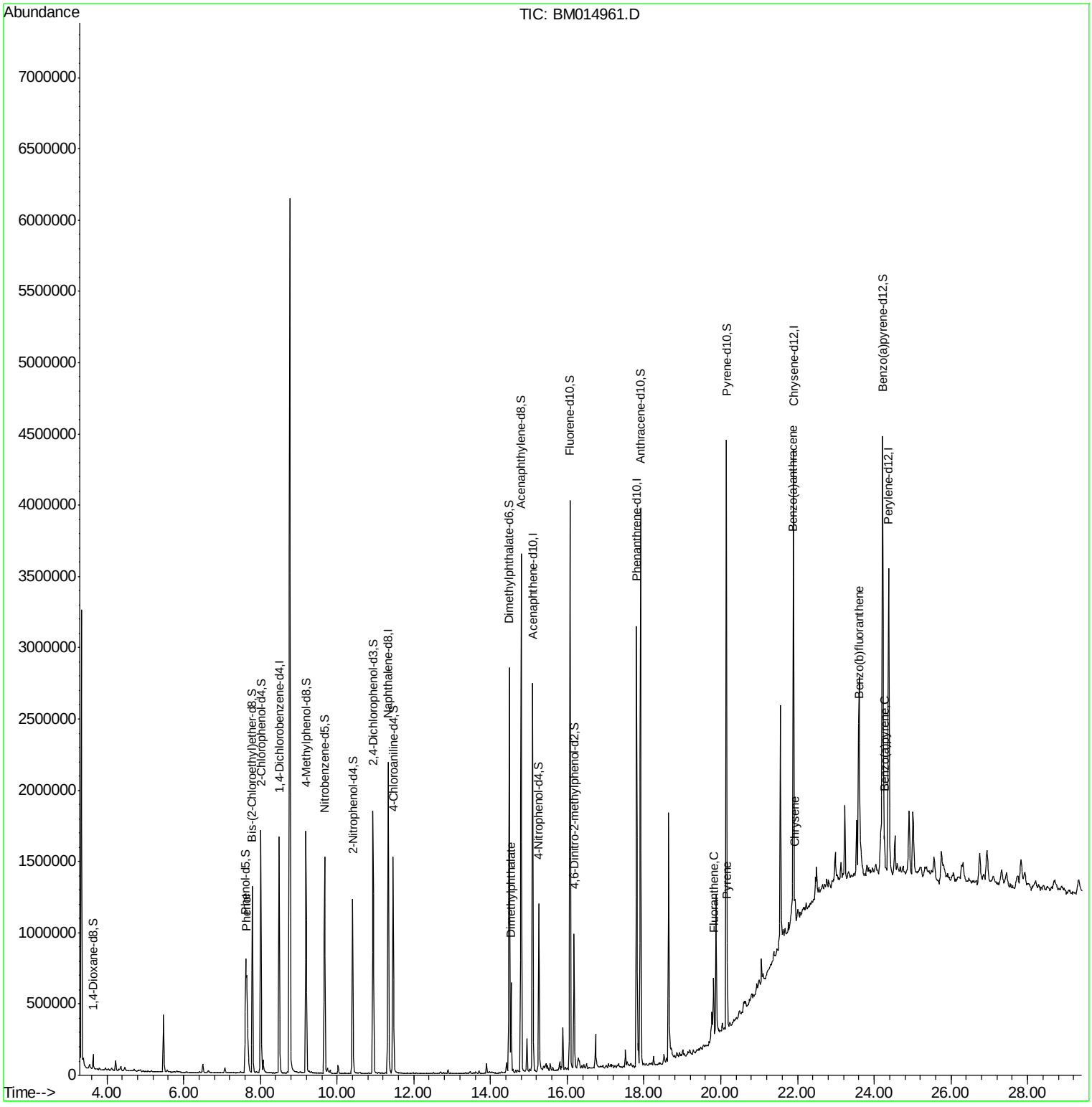
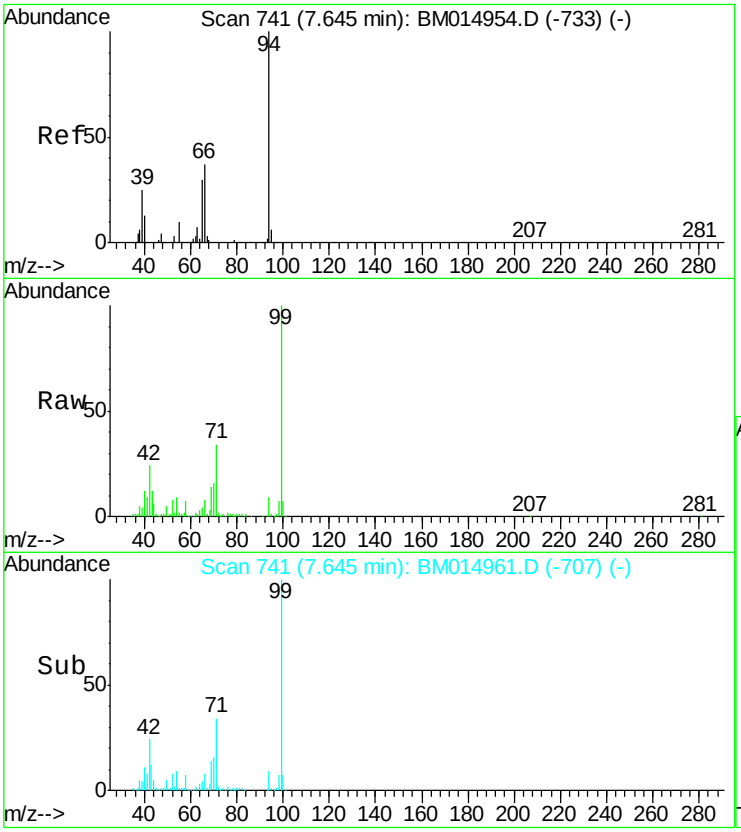
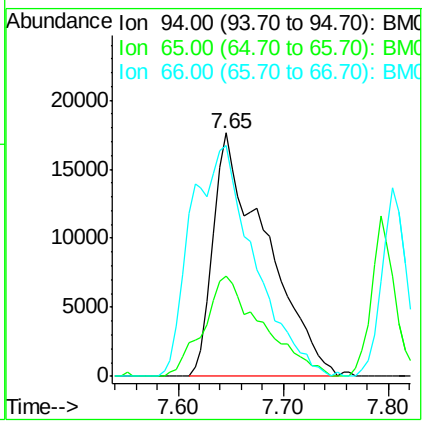




#6
Phenol
Concen: 1.897 ng/ul m
RT: 7.65 min Scan# 741
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion: 94 Resp: 61592

Ion	Ratio	Lower	Upper
94	100		
65	41.4	28.2	42.4
66	94.6	47.2	70.8#



Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
Sohil
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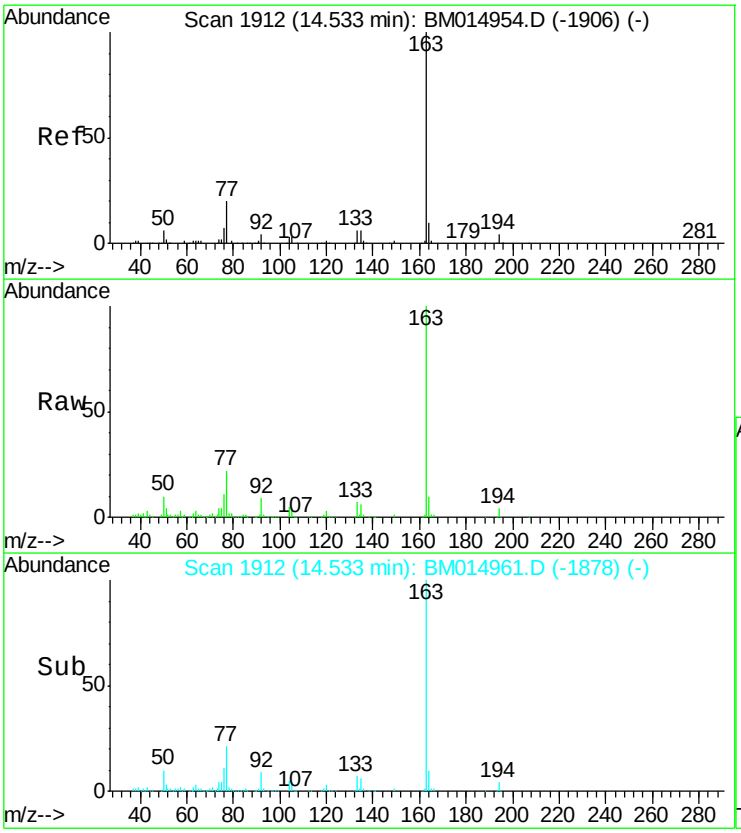
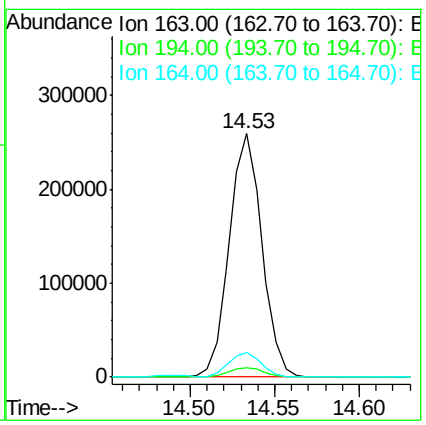
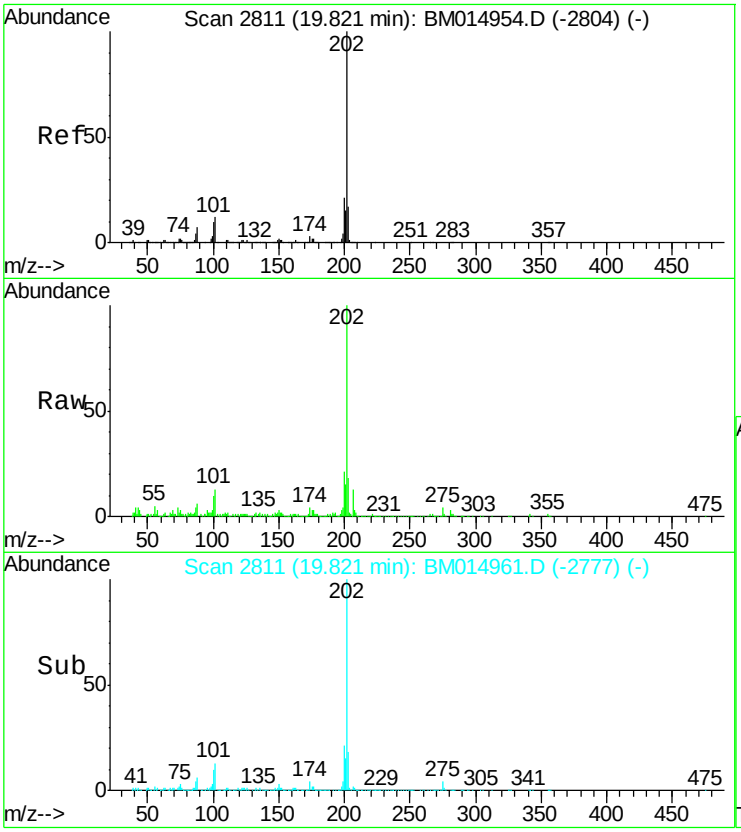


#44
Dimethylphthalate
Concen: 5.400 ng/ul
RT: 14.53 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:163 Resp: 348497

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.4	8.2	12.4

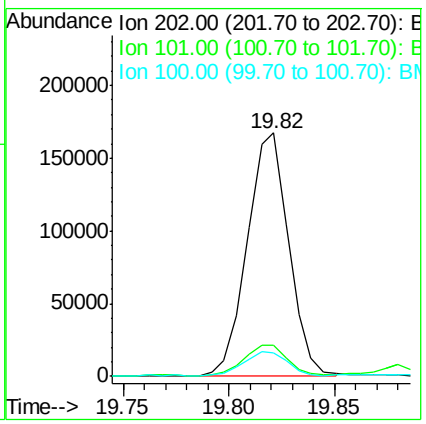




#74
Fluoranthene
Concen: 2.322 ng/ul
RT: 19.82 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:202 Resp: 226716

Ion	Ratio	Lower	Upper
202	100		
101	12.8	4.6	7.0#
100	9.7	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
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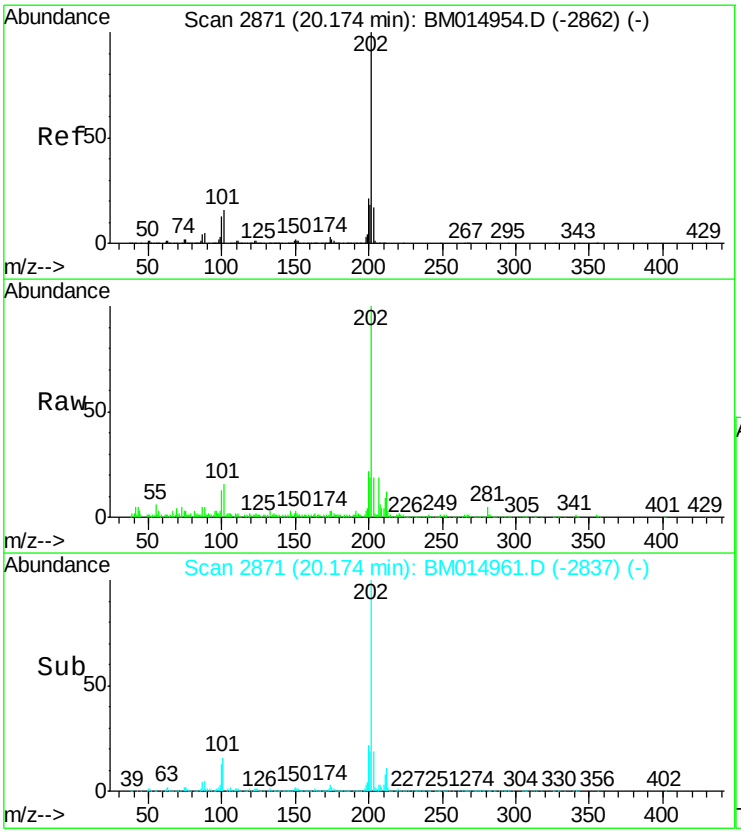
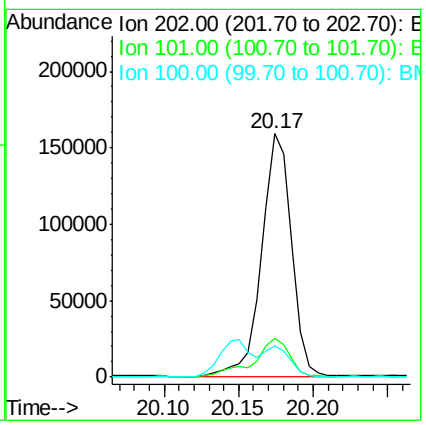
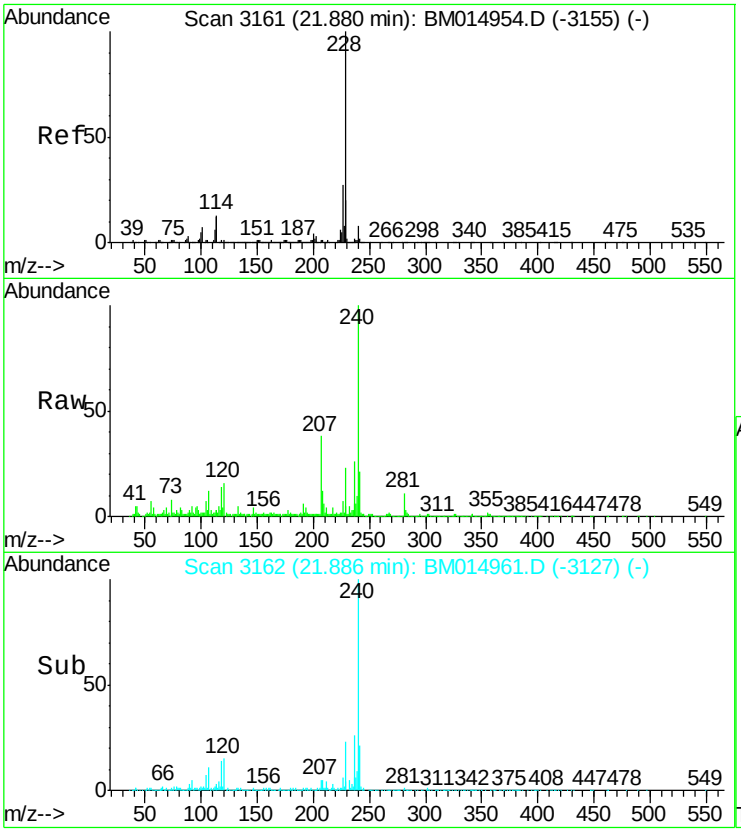


#77
Pyrene
Concen: 2.497 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:202 Resp: 219333

Ion	Ratio	Lower	Upper
202	100		
101	16.1	5.1	7.7#
100	13.0	4.9	7.3#

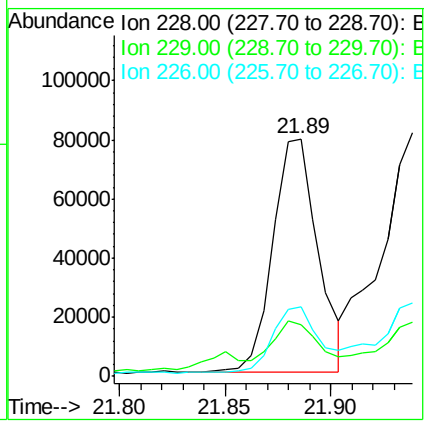




#80
Benzo(a)anthracene
Concen: 1.338 ng/ul
RT: 21.89 min Scan# 3162
Delta R.T. 0.01 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:228 Resp: 117566

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.0
226	29.5	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
Sohil
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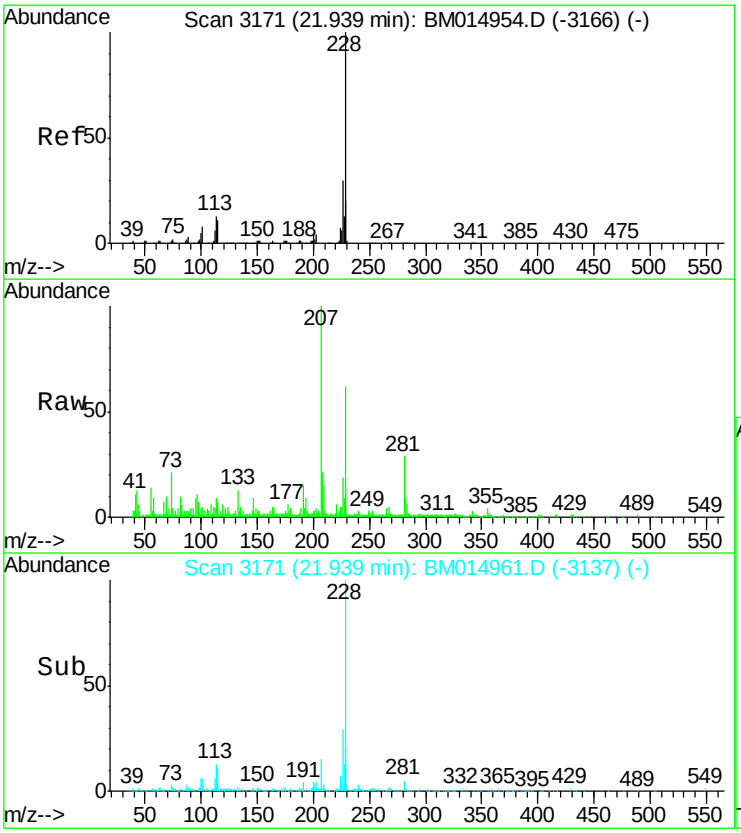
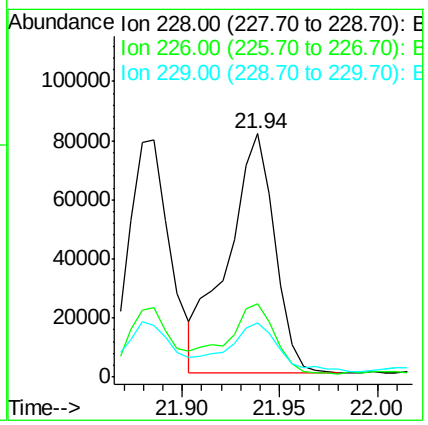
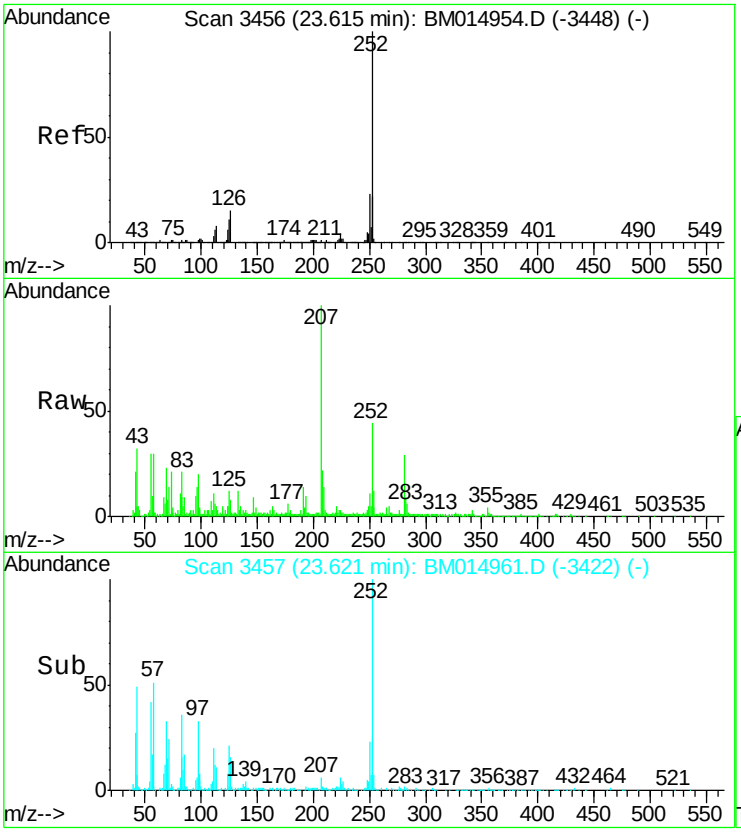


#82
Chrysene
Concen: 1.647 ng/ul
RT: 21.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:228 Resp: 135513

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.5	15.5	23.3





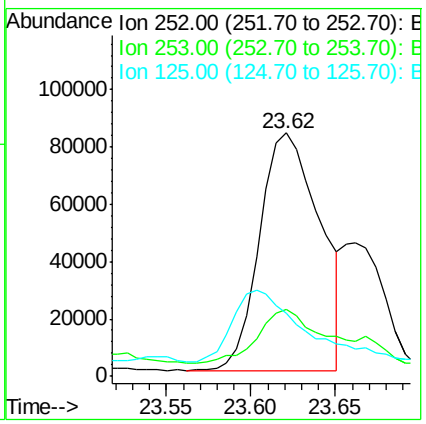
#85
Benzo(b)fluoranthene
Concen: 2.115 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

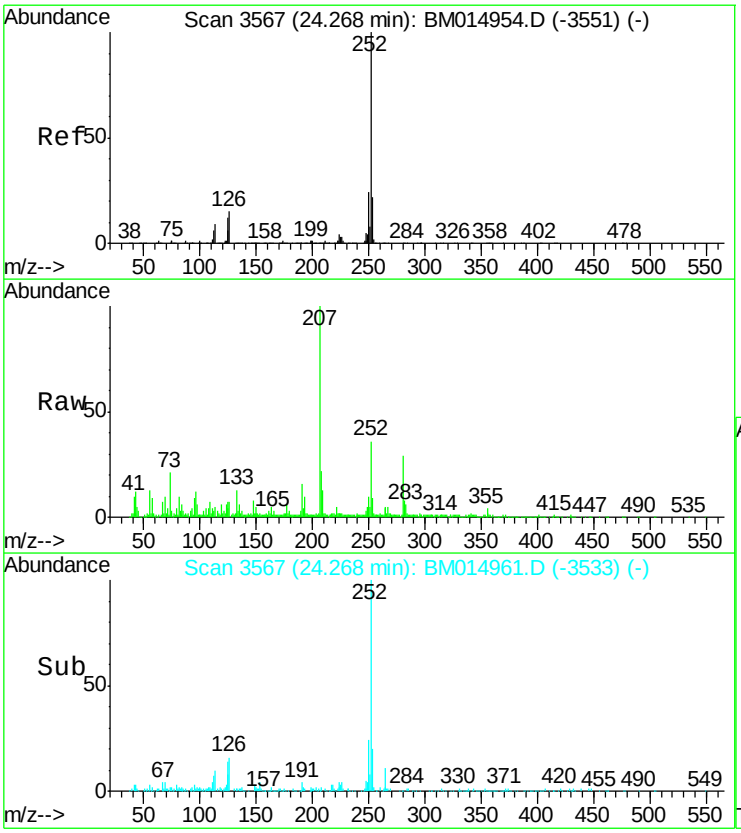
Tgt Ion:252 Resp: 206387

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	26.1	3.6	5.4#

Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
Sohil
5/4/2018 3:11:06 PM





#88
Benzo(a)pyrene
Concen: 1.432 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion:252 Resp: 132610

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	19.7	4.0	6.0#