Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:30 AM

Quant Time: Oct 09 07:59:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	157974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	662014	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	386946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	736400	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	707123	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	827115	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	21476	5.88	ng/uL	0.00
5) Phenol-d5	6.94	99	60325	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	138637	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	167306	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	110741	9.69	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	97297	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	103086	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	196113	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	209328	15.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632454	21.06	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	689705	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	22789	3.84	ng/ul	0.00
58) Fluorene-d10	15.40	176	530512	20.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	68732	14.34	ng/ul	0.00
71) Anthracene-d10	17.24	188	827289	23.01	ng/ul	0.00
79) Pyrene-d10	19.54	212	897684	23.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1020511	23.85	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	12815	2.026	ng/ul#	1
6) Phenol	6.97	94	24872	1.700	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	19469m	1.567	ng/ul	
28) Naphthalene	10.61	128	201325	5.631	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	94991	3.544	ng/ul	100
45) Dimethylphthalate	13.86	163	445533	14.442	ng/ul	99
50) Acenaphthene	14.47	153	62575	2.400	ng/ul	100
70) Phenanthrene	17.19	178	87969	2.002	ng/ul	100

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

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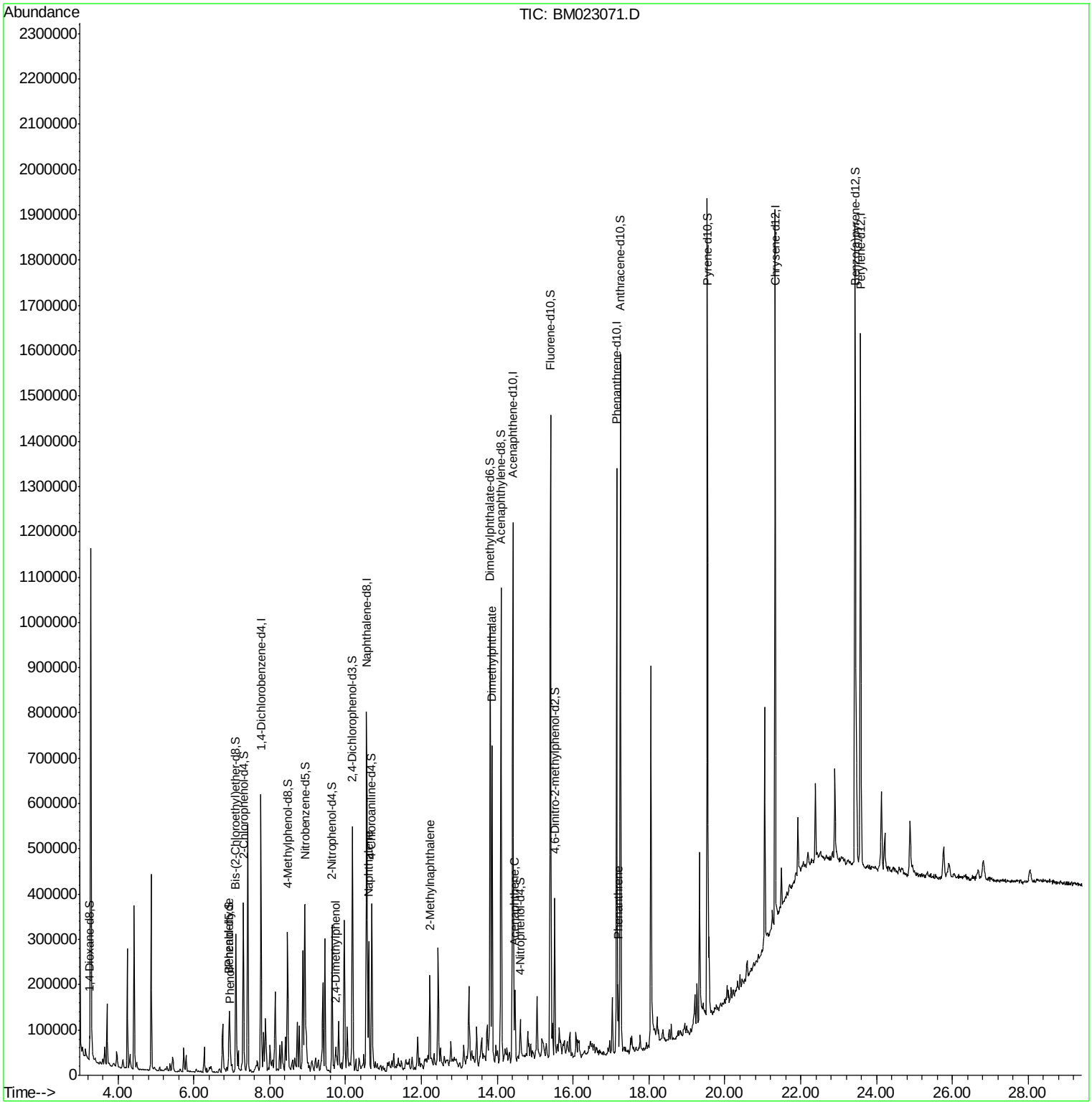
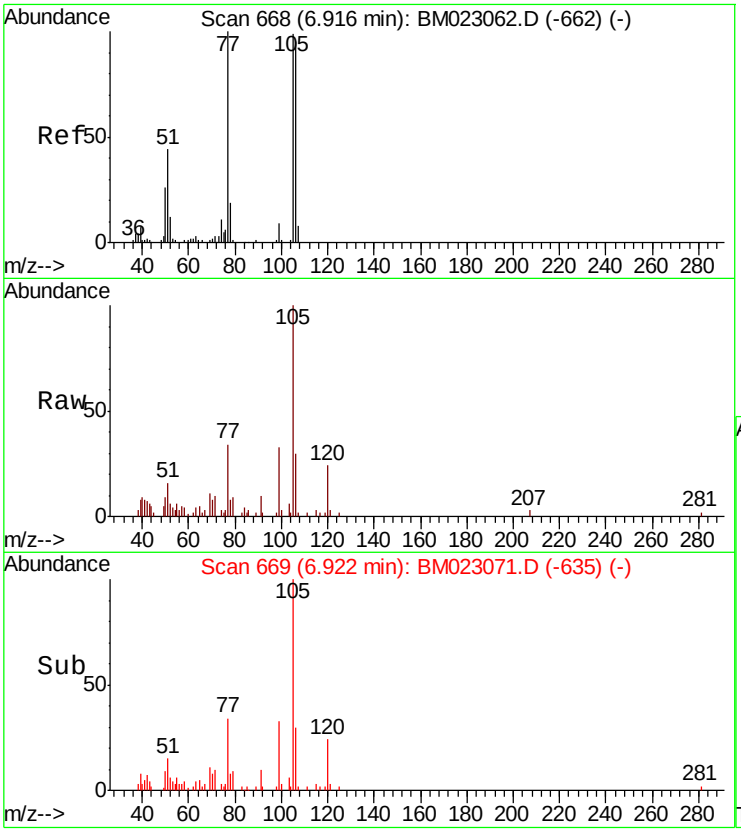
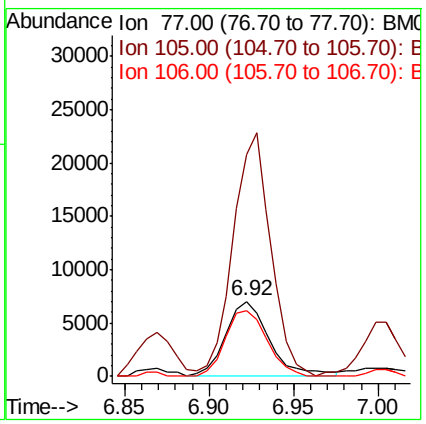




#4
Benzaldehyde
Concen: 2.026 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion: 77 Resp: 12815

Ion	Ratio	Lower	Upper
77	100		
105	296.7	80.6	120.8#
106	87.8	77.0	115.6



Instrument :
BNA_M
ClientSampleId :
BFDL1

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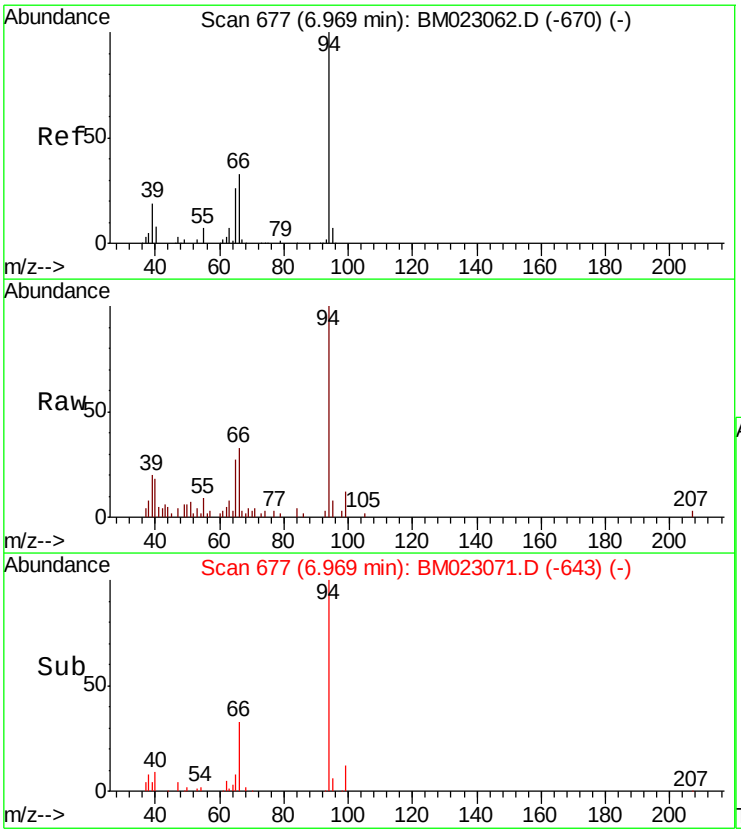
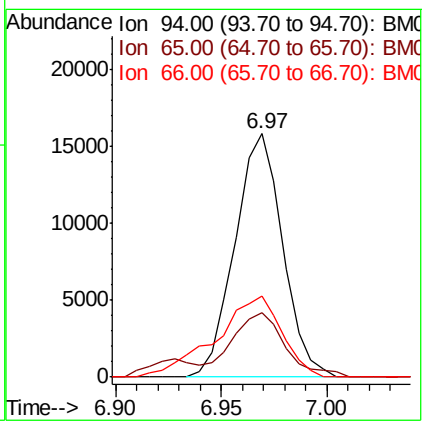
10/11/2019 8:28:30 AM

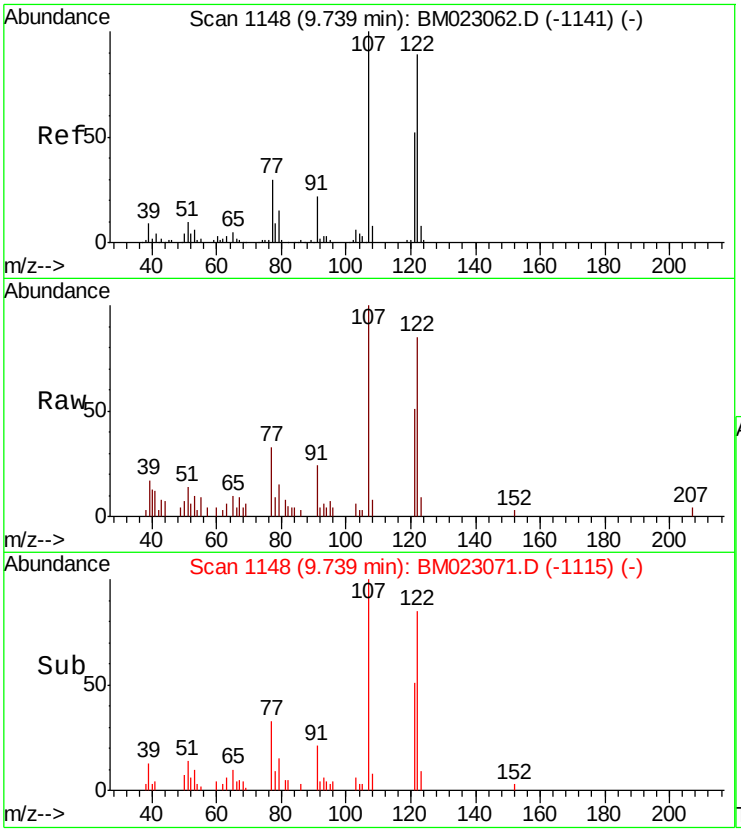


#6
Phenol
Concen: 1.700 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion: 94 Resp: 24872

Ion	Ratio	Lower	Upper
94	100		
65	26.6	20.9	31.3
66	33.2	27.2	40.8

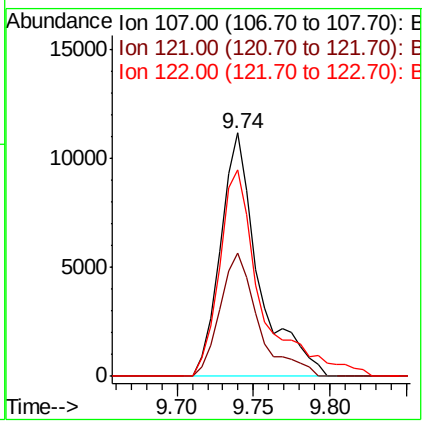




#24
2,4-Dimethylphenol
Concen: 1.567 ng/ul m
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:107 Resp: 19469

Ion	Ratio	Lower	Upper
107	100		
121	50.6	43.0	64.4
122	84.6	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
BFDL1

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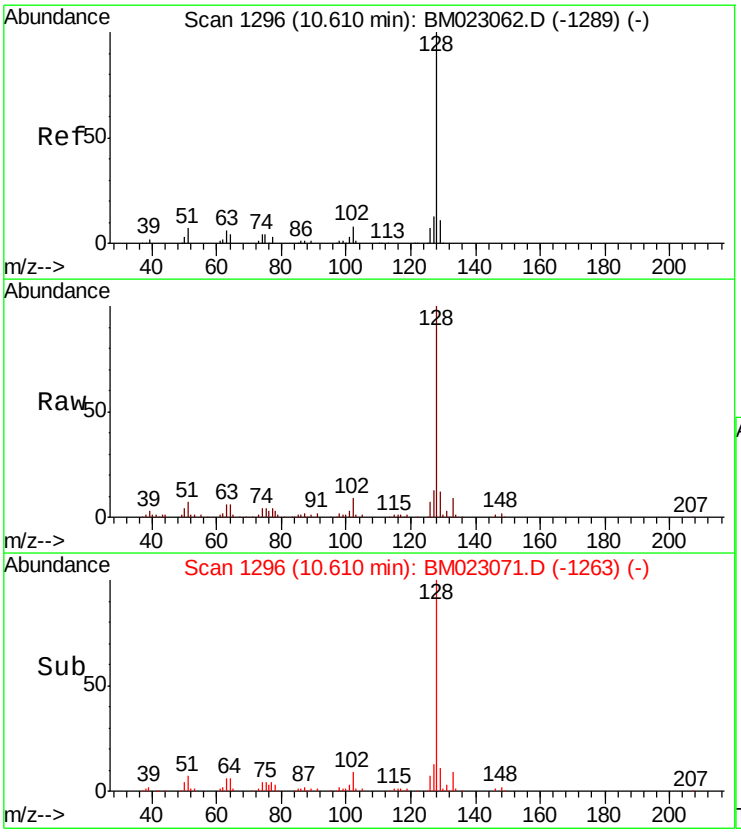
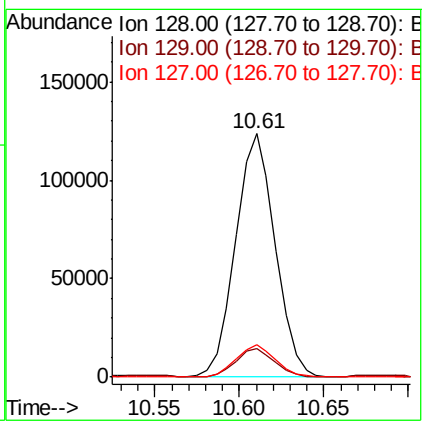
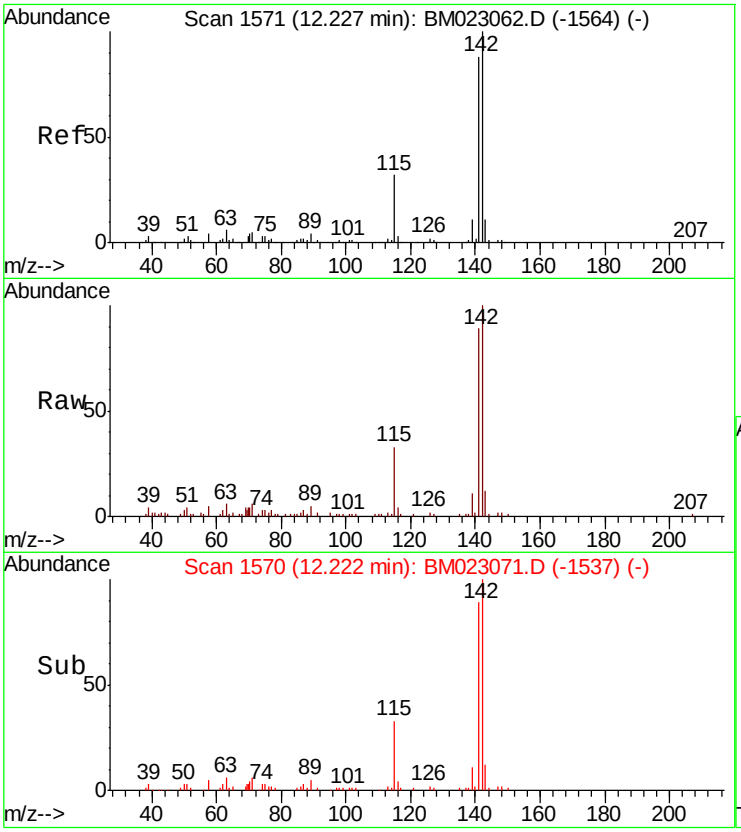


#28
Naphthalene
Concen: 5.631 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:128 Resp: 201325

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.2	10.2	15.4





#34
2-Methylnaphthalene
Concen: 3.544 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:142 Resp: 94991

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8

Instrument :
BNA_M
ClientSampleId :
BFDL1

Manual Integrations APPROVED
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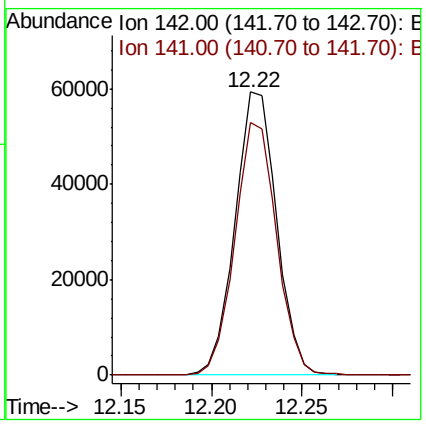
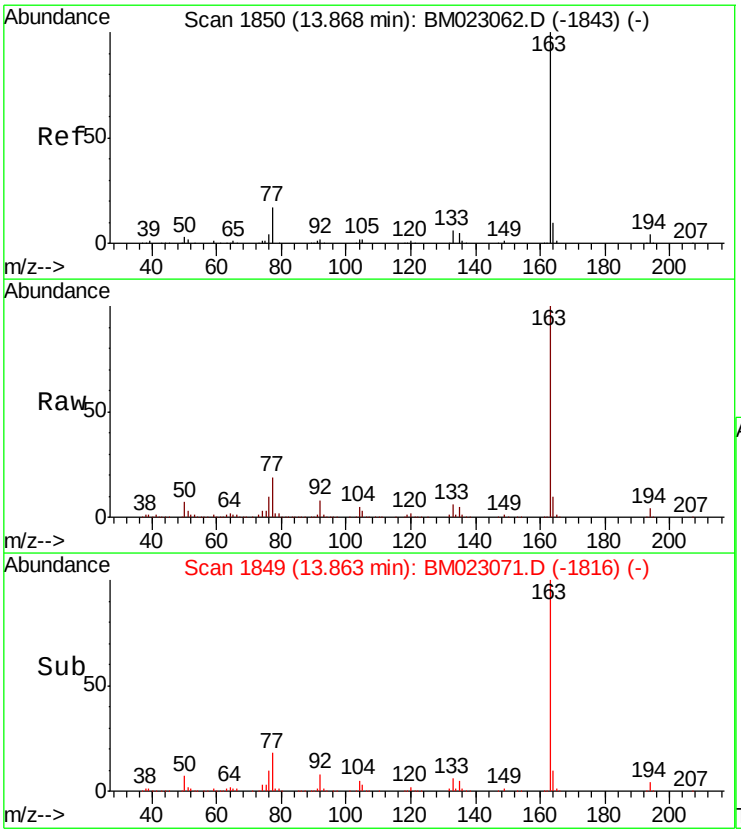
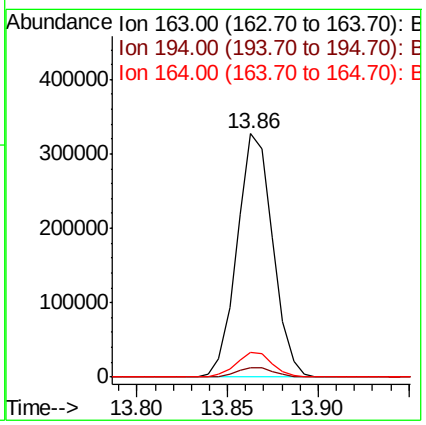


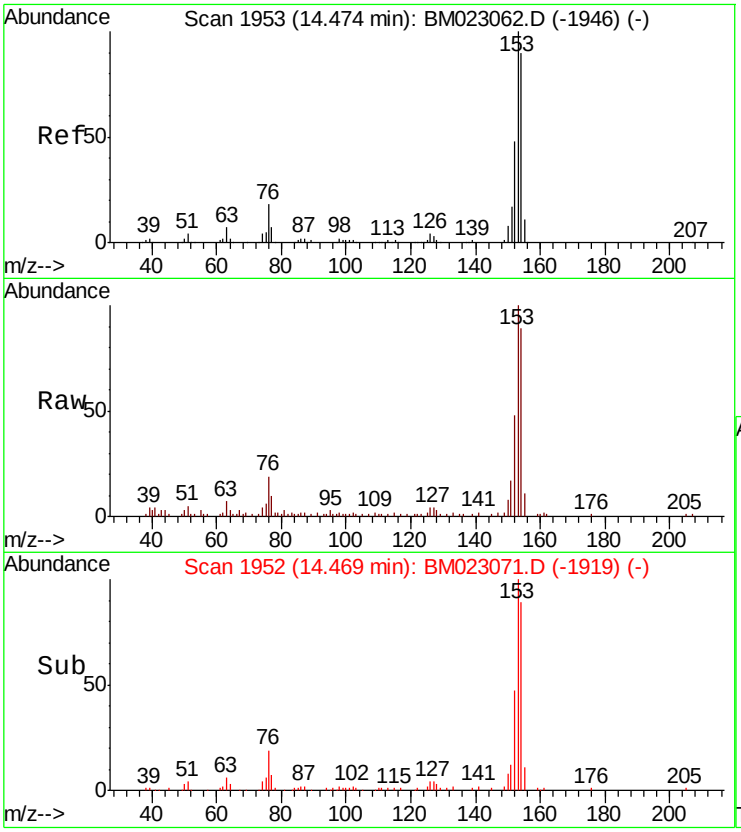


#45
Dimethylphthalate
Concen: 14.442 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:163 Resp: 445533

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.4	8.1	12.1

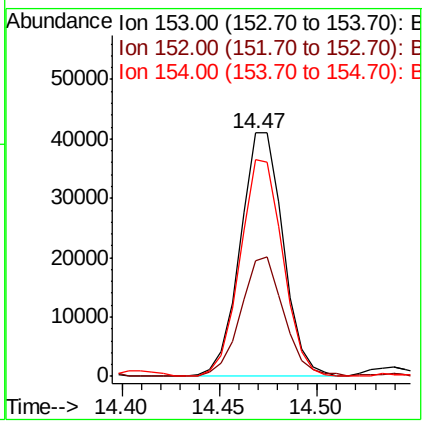




#50
Acenaphthene
Concen: 2.400 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

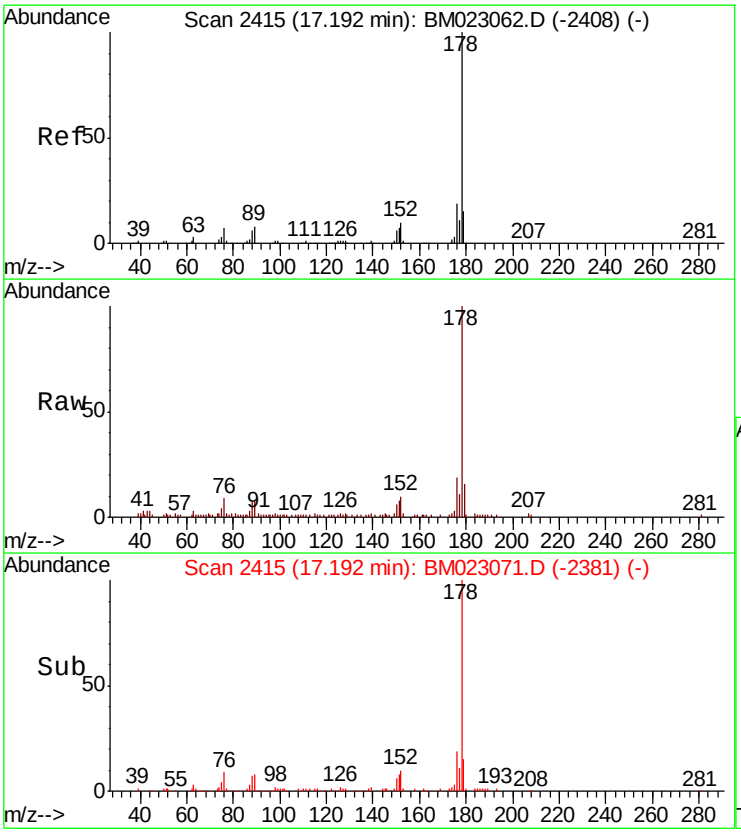
Tgt Ion:153 Resp: 62575

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.1	57.1
154	88.9	71.1	106.7



Instrument :
BNA_M
ClientSampleId :
BFDL1

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:30 AM



#70
Phenanthrene
Concen: 2.002 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:178 Resp: 87969

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.3	22.9