Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024932.D
Acq On : 18 Feb 2020 16:10
Operator : CG/JU
Sample : L1486-07DL2 100X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCT7DL2

Manual Integrations APPROVED
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2/19/2020 8:10:04 AM

Quant Time: Feb 19 04:28:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	331443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1178968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	706852	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1455016	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1451113	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1567740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.60	99	988m	0.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	1804	0.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	2556	0.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	697	0.04	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	1303	0.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	1019	0.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	1339	0.07	ng/ul	0.05
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.47	166	13830	0.26	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	15336	0.25	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.04	176	12701	0.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.89	188	24841	0.37	ng/ul	0.00
79) Pyrene-d10	19.20	212	19372	0.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	18805	0.24	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.19	128	1315287	21.835	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	54789	1.235	ng/ul	95
50) Acenaphthene	14.10	153	107218	2.460	ng/ul	95
54) Dibenzofuran	14.44	168	99185	1.527	ng/ul	98
70) Phenanthrene	16.83	178	98535	1.242	ng/ul	96

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

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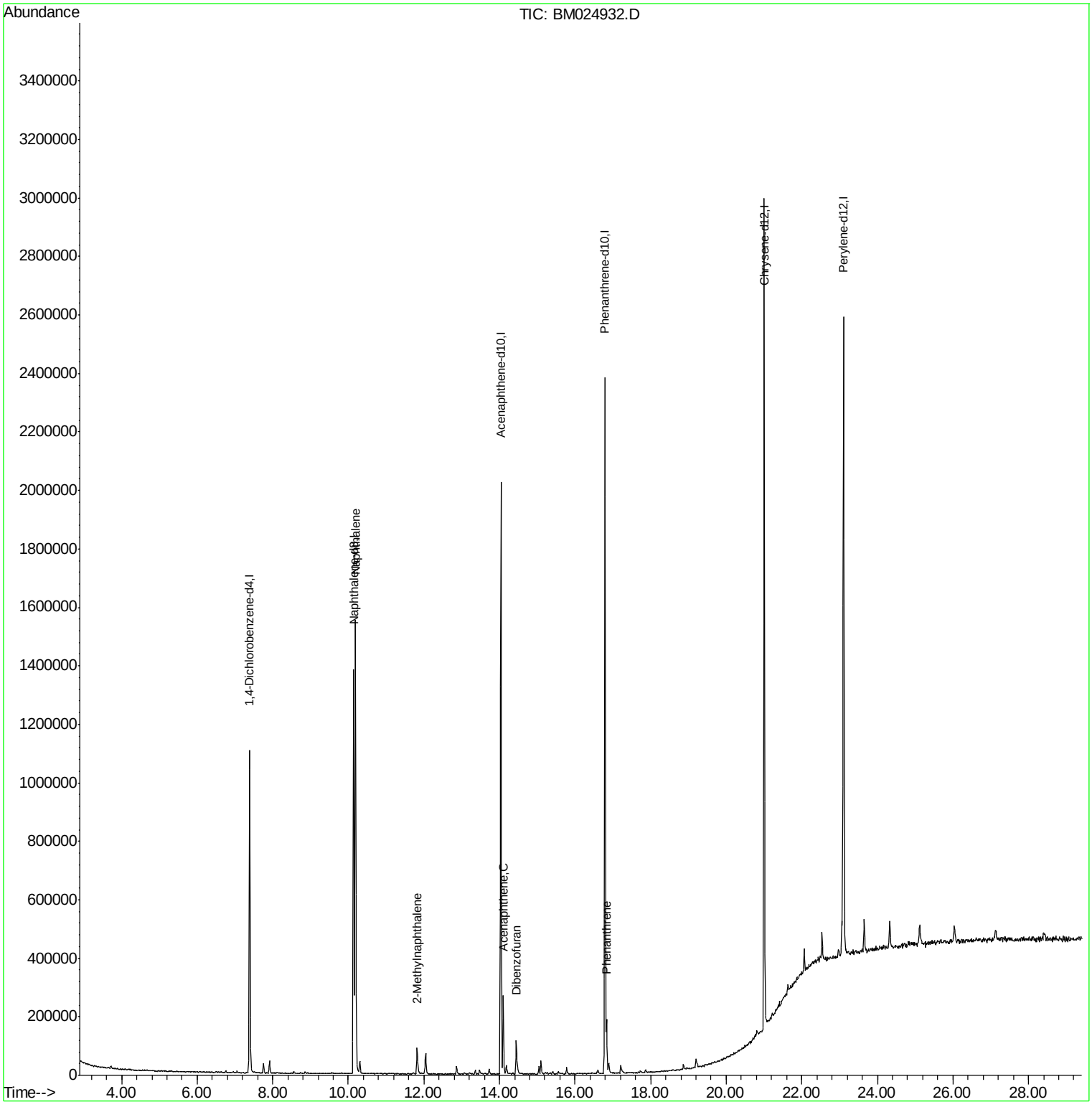
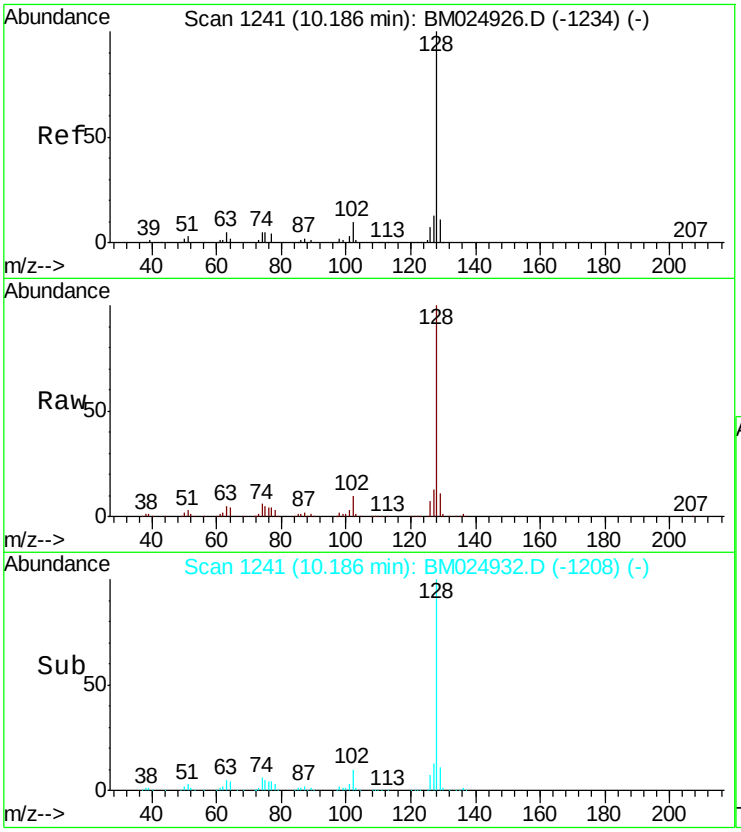
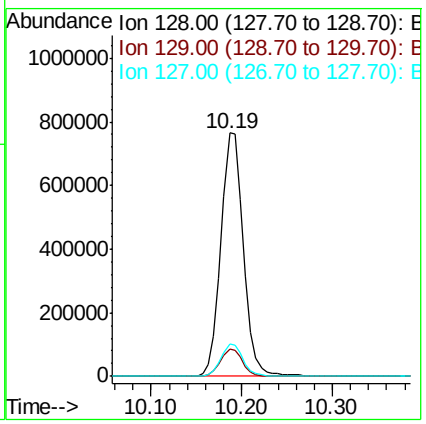




#28
Naphthalene
Concen: 21.835 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024932.D
Acq: 18 Feb 2020 16:10

Tgt Ion:128 Resp: 1315287

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
DBCT7DL2

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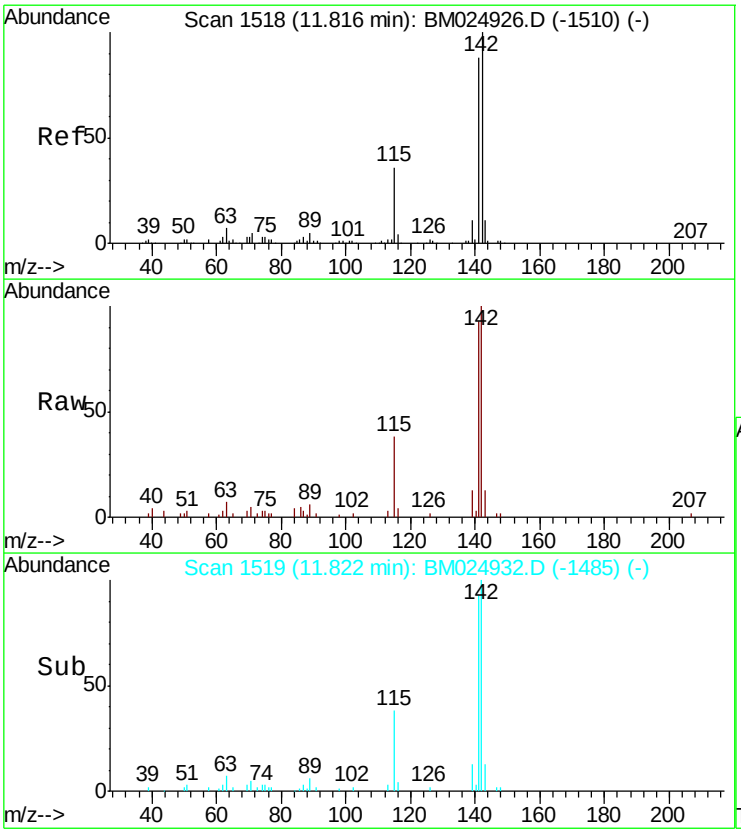
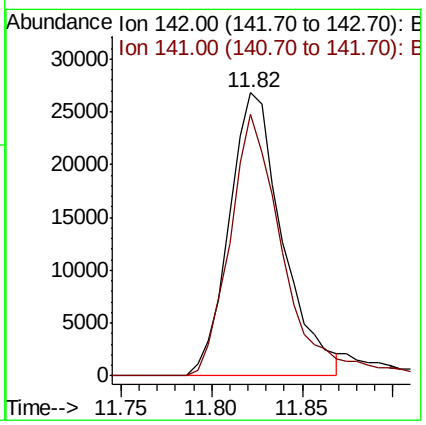
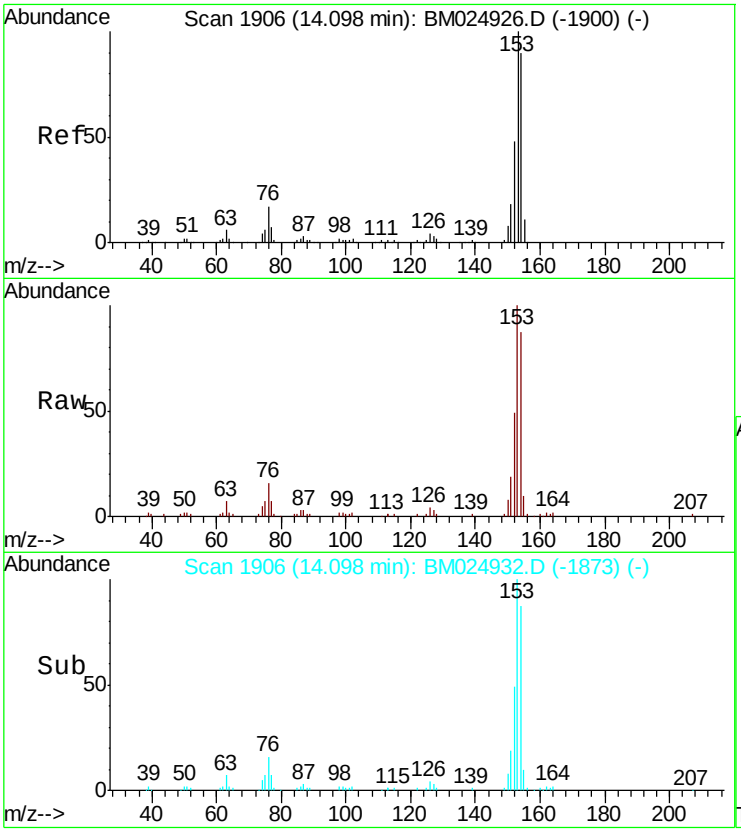


#34
2-Methylnaphthalene
Concen: 1.235 ng/ul
RT: 11.82 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BM024932.D
Acq: 18 Feb 2020 16:10

Tgt Ion:142 Resp: 54789

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.5	105.7

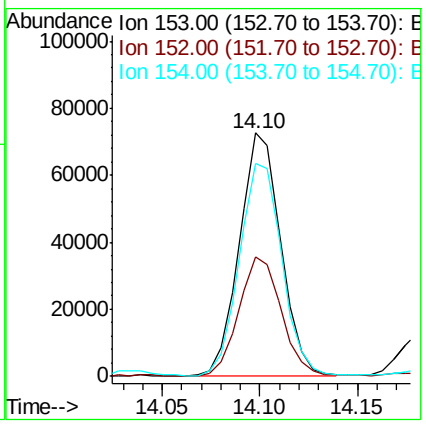




#50
Acenaphthene
Concen: 2.460 ng/ul
RT: 14.10 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM024932.D
Acq: 18 Feb 2020 16:10

Tgt Ion:153 Resp: 107218

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.3	55.9
154	87.3	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
DBCT7DL2

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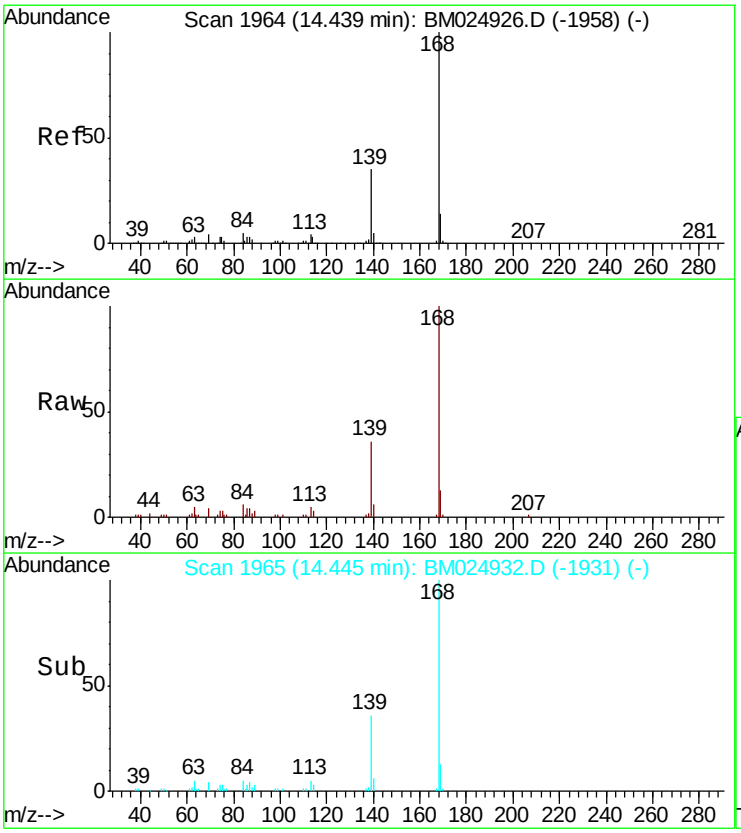
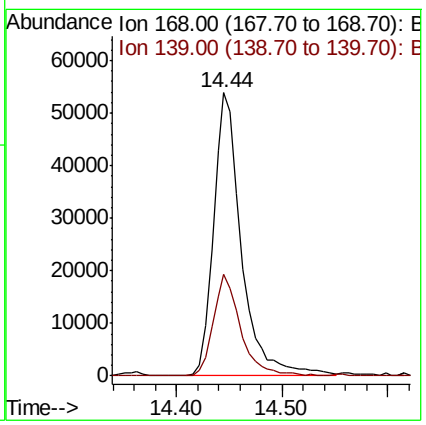
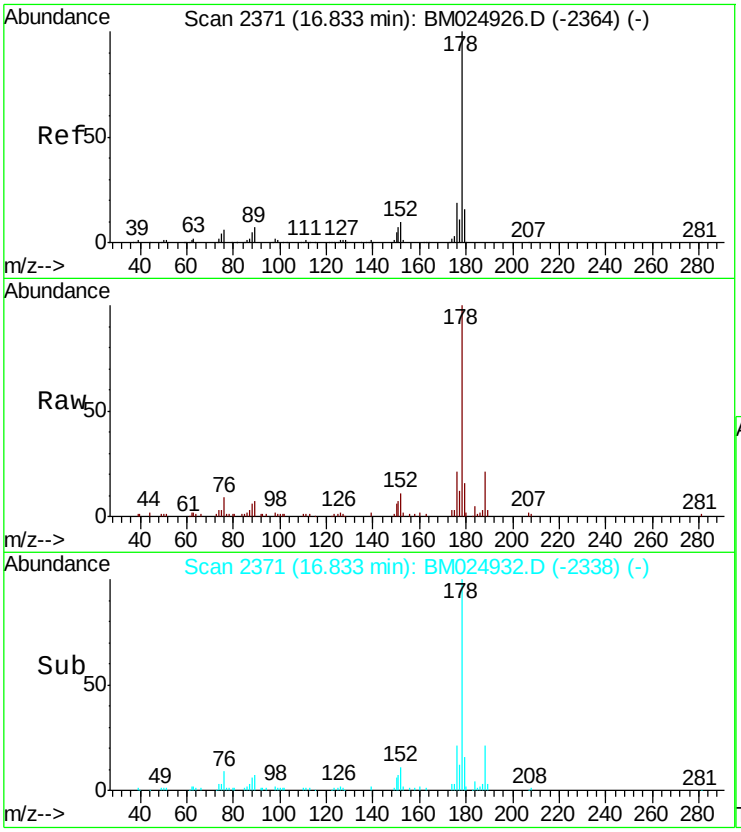


#54
Dibenzofuran
Concen: 1.527 ng/ul
RT: 14.44 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM024932.D
Acq: 18 Feb 2020 16:10

Tgt Ion:168 Resp: 99185

Ion	Ratio	Lower	Upper
168	100		
139	35.9	27.8	41.8

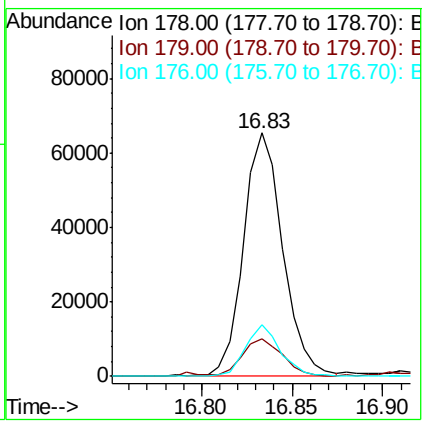




#70
Phenanthrene
Concen: 1.242 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024932.D
Acq: 18 Feb 2020 16:10

Tgt Ion:178 Resp: 98535

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	21.0	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
DBCT7DL2

Manual Integrations APPROVED
mohammad
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