Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

Quant Time: Oct 02 14:51:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	319777	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1409489	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	850220	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1505153	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1077034	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1217287	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	36658	4.96	ng/uL	0.00
5) Phenol-d5	6.97	99	184653	6.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	381212	24.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	475203	20.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	334771	14.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	291205	26.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	325979	27.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	583922	24.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	576691	20.07	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1856495	28.13	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	2084769	27.36	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	74919	5.75	ng/ul	0.00
58) Fluorene-d10	15.43	176	1533956	27.28	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	250421	25.57	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2232864	30.38	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2068214	35.68	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1944095	30.87	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.00	94	143243	4.836	ng/ul	99
11) 2-Methylphenol	8.25	108	108941	4.772	ng/ul	100
16) 4-Methylphenol	8.57	108	251795	9.975	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	457436m	17.294	ng/ul	
28) Naphthalene	10.65	128	1480334	19.447	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	596341	10.449	ng/ul	100
45) Dimethylphthalate	13.89	163	1307819	19.294	ng/ul	99
50) Acenaphthene	14.50	153	76589	1.337	ng/ul	99
70) Phenanthrene	17.22	178	116947	1.302	ng/ul	99

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

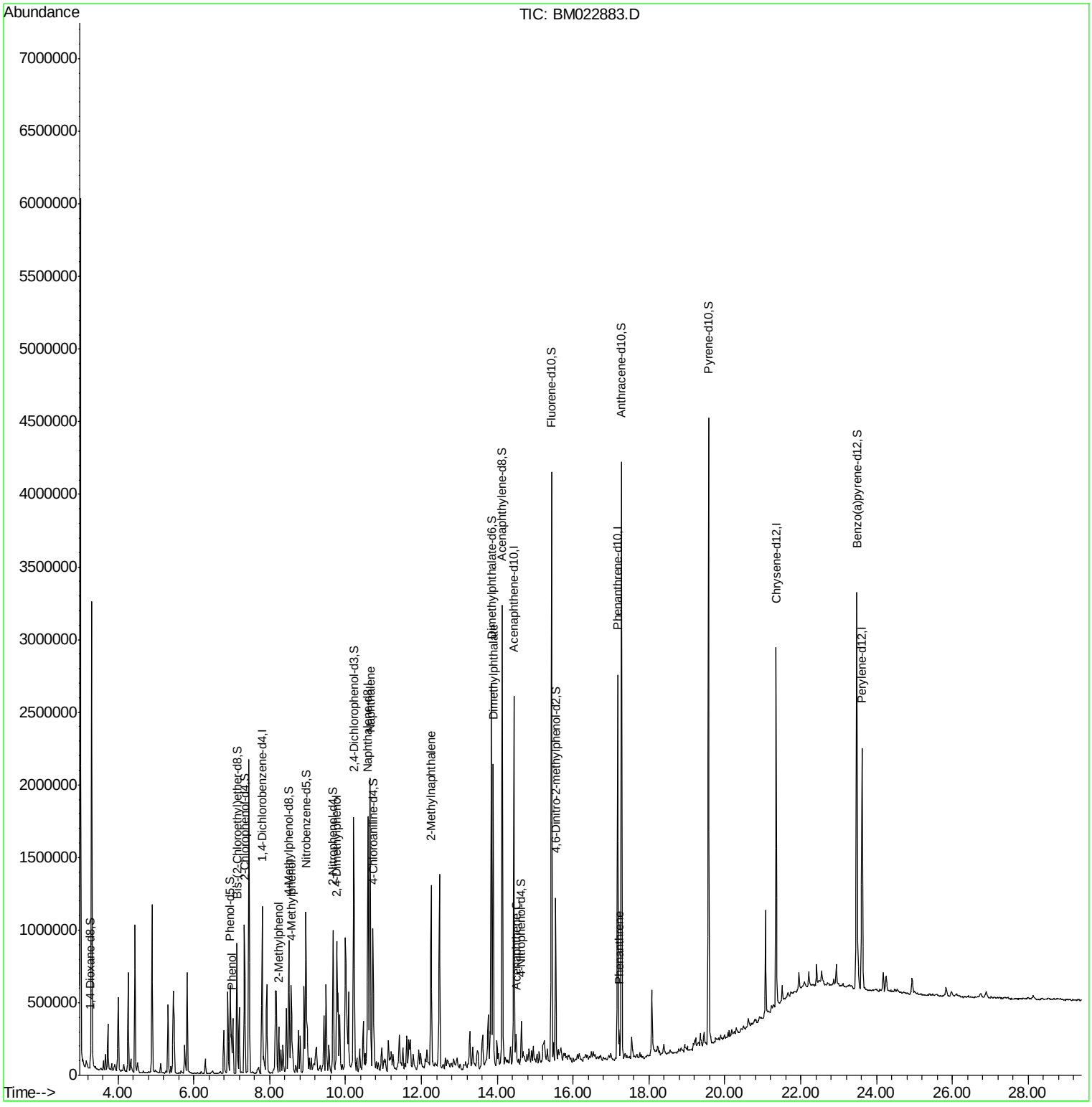
Quantitation Report (LSC Reviewed)

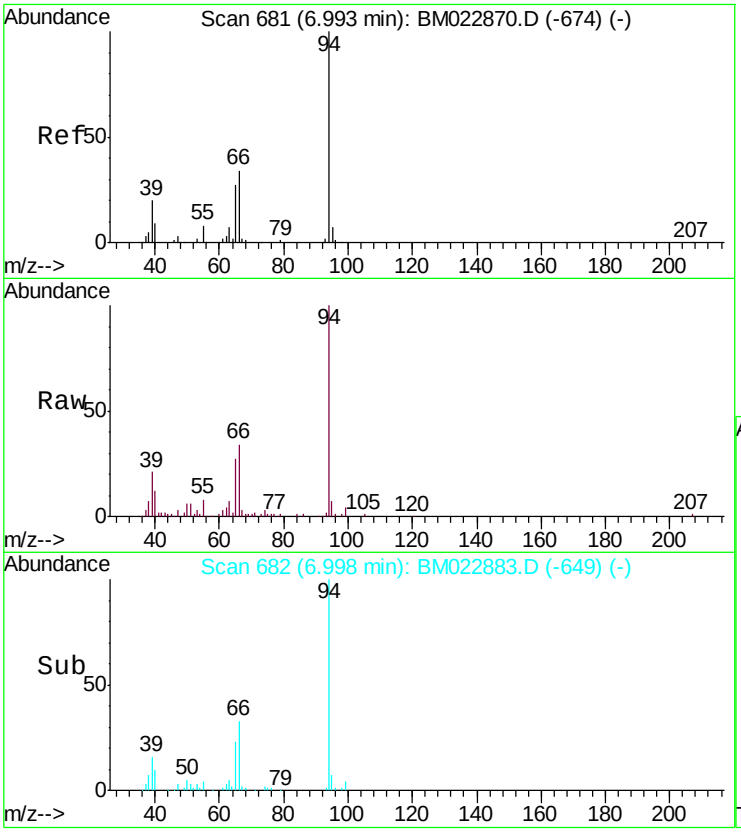
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 02 14:51:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFDM7

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

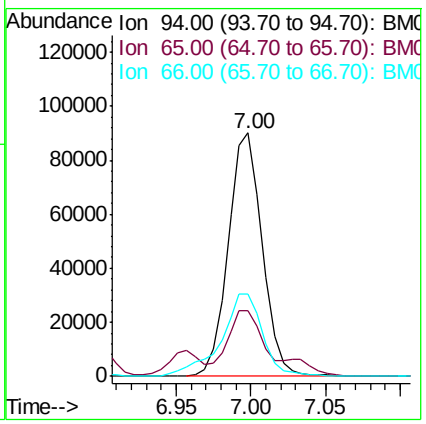




#6
Phenol
Concen: 4.836 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

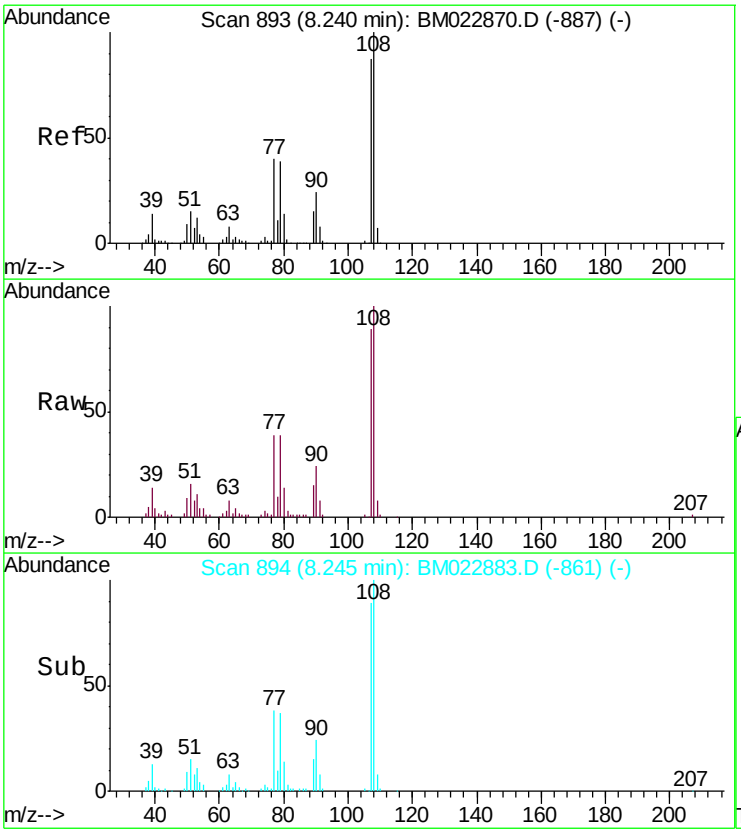
Tgt Ion: 94 Resp: 143243

Ion	Ratio	Lower	Upper
94	100		
65	26.9	20.9	31.3
66	33.6	27.2	40.8



Instrument :
BNA_M
ClientSampleId :
BFDM7

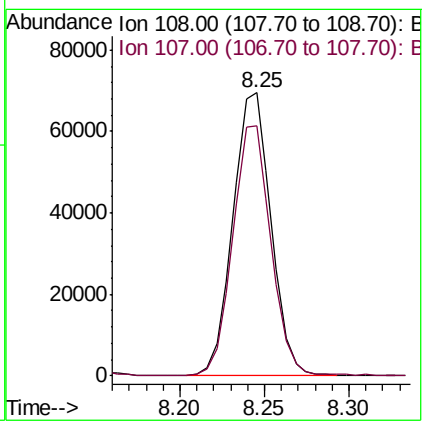
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

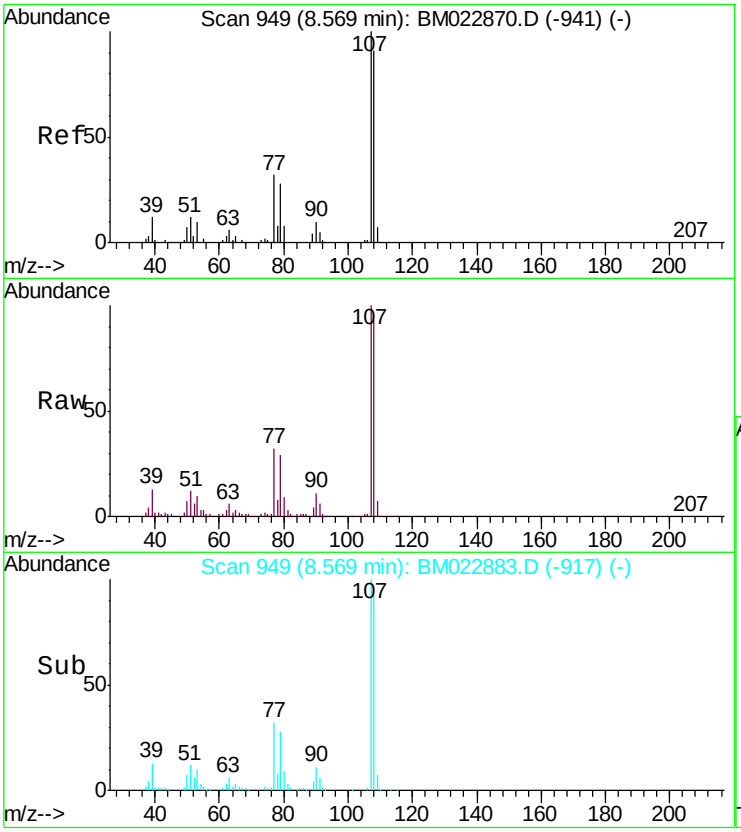


#11
2-Methylphenol
Concen: 4.772 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

Tgt Ion:108 Resp: 108941

Ion	Ratio	Lower	Upper
108	100		
107	88.6	71.0	106.4





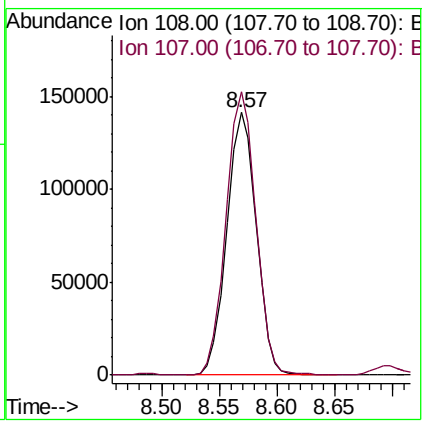
#16
4-Methylphenol
Concen: 9.975 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

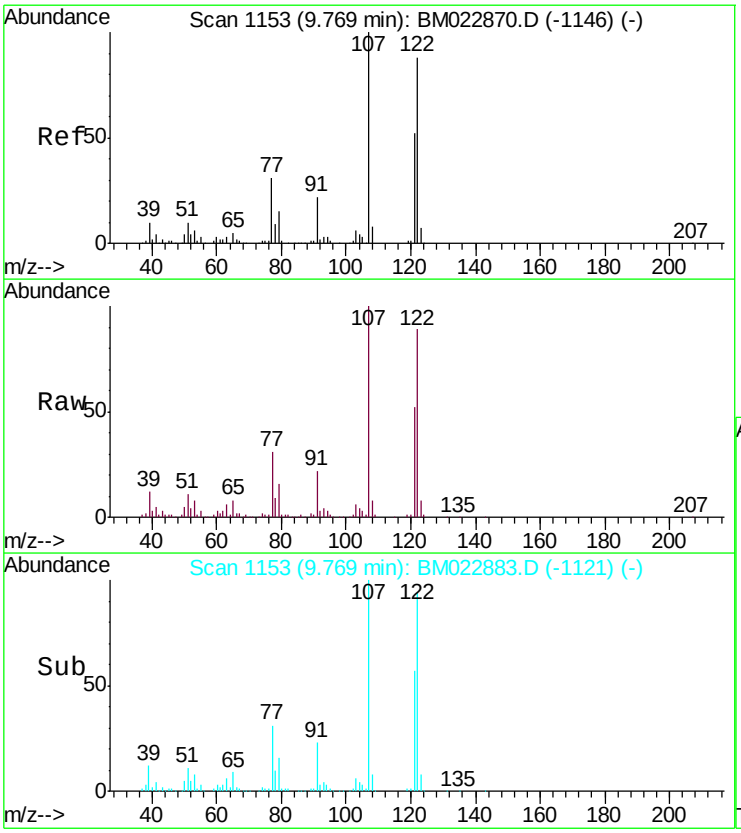
Tgt Ion:108 Resp: 251795

Ion	Ratio	Lower	Upper
108	100		
107	107.9	87.9	131.9

Instrument :
BNA_M
ClientSampleId :
BFDM7

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

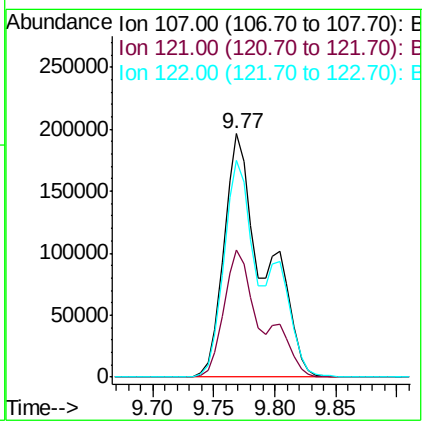


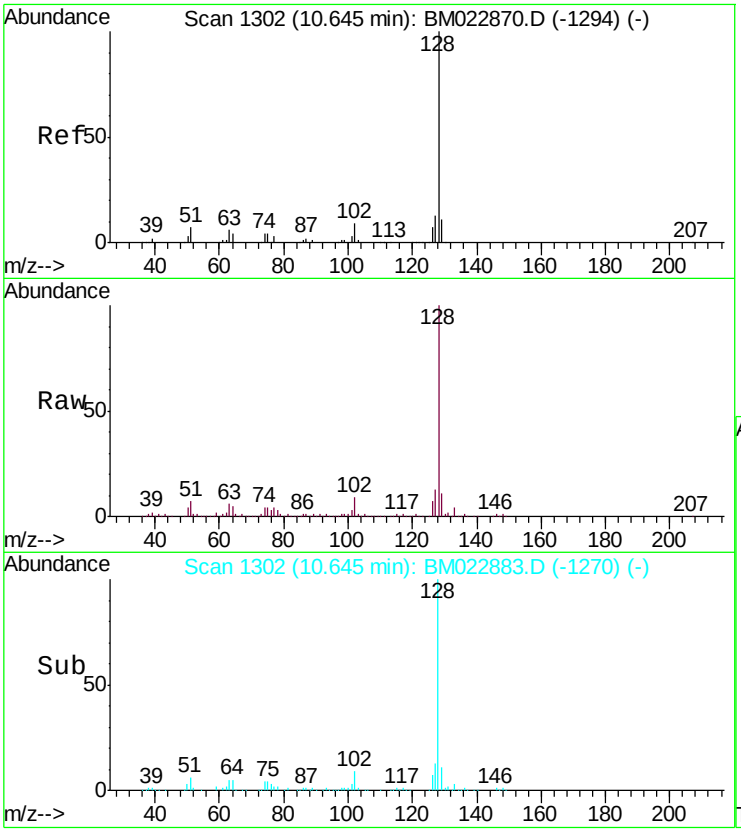


#24
2,4-Dimethylphenol
Concen: 17.294 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

Tgt Ion:107 Resp: 457436

Ion	Ratio	Lower	Upper
107	100		
121	52.1	43.0	64.4
122	89.0	71.4	107.0

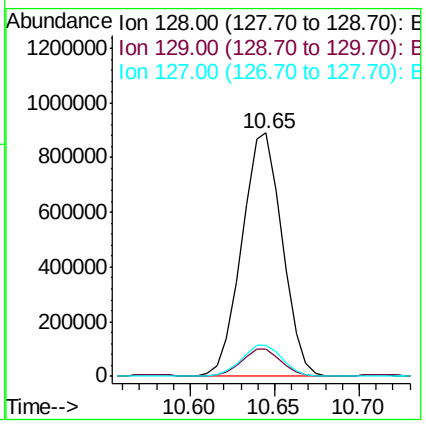




#28
Naphthalene
Concen: 19.447 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

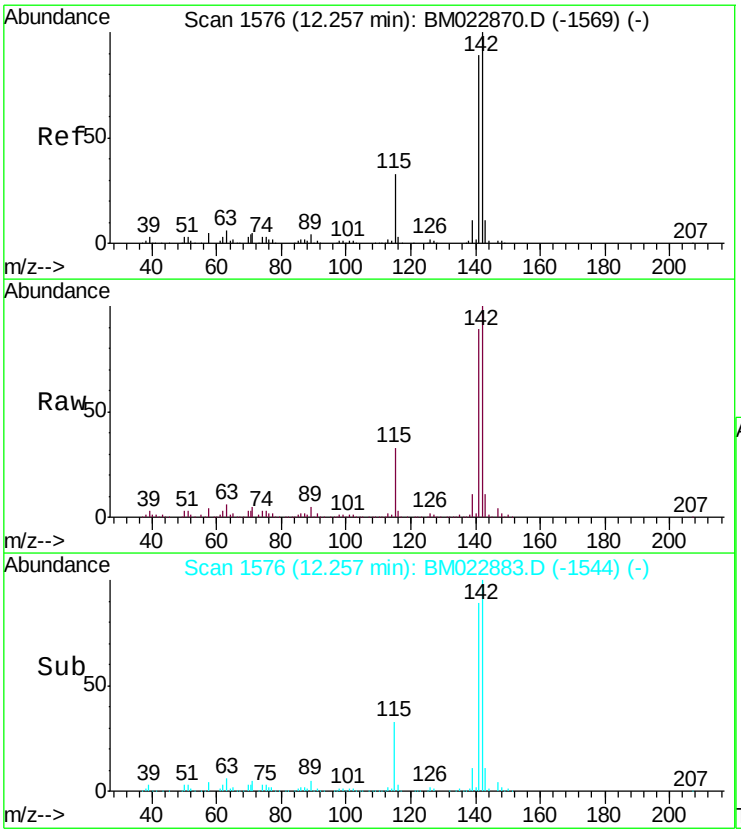
Tgt Ion:128 Resp: 1480334

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
BFDM7

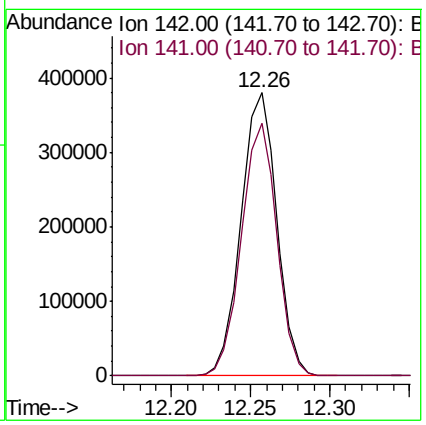
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

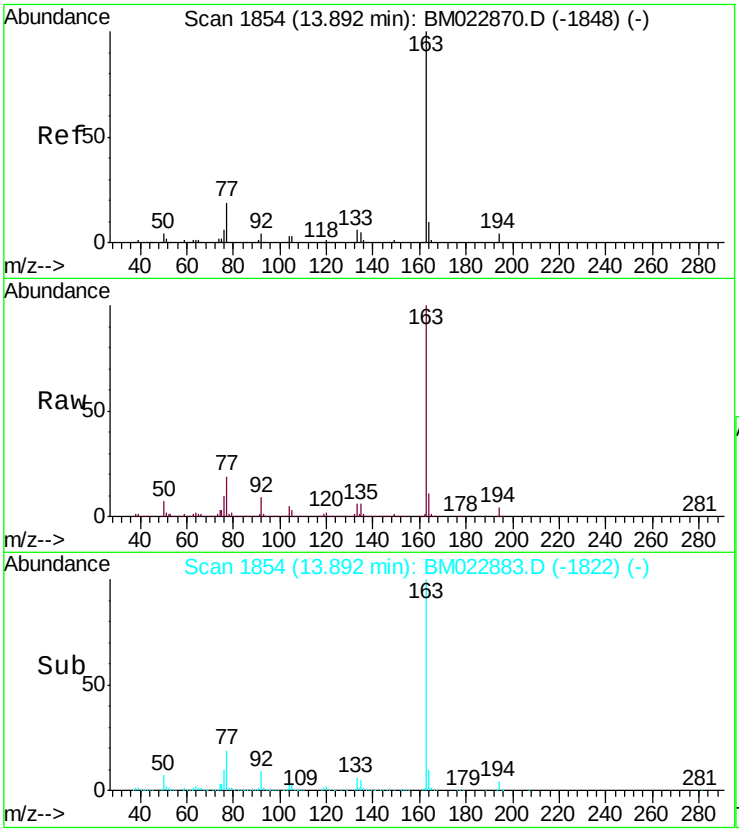


#34
2-Methylnaphthalene
Concen: 10.449 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

Tgt Ion:142 Resp: 596341

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

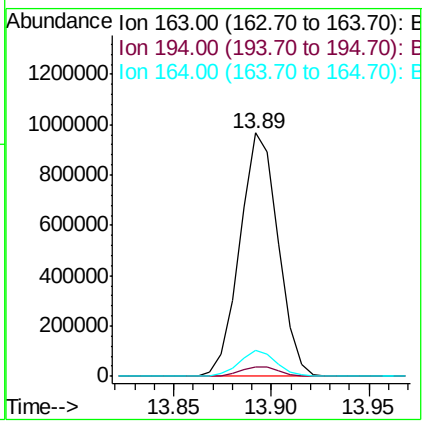




#45
Dimethylphthalate
Concen: 19.294 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

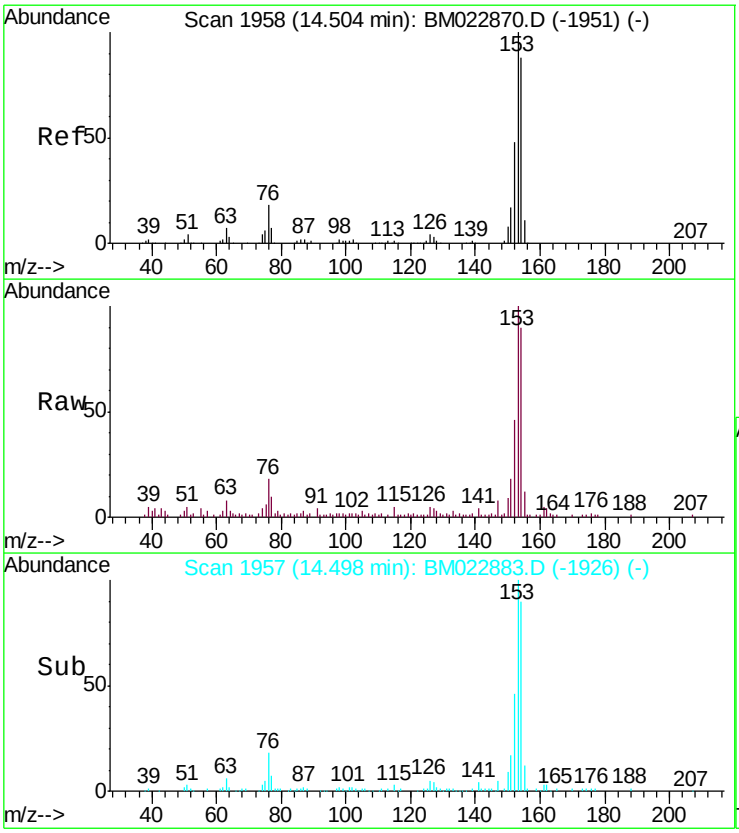
Tgt Ion:163 Resp: 1307819

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.5	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
BFDM7

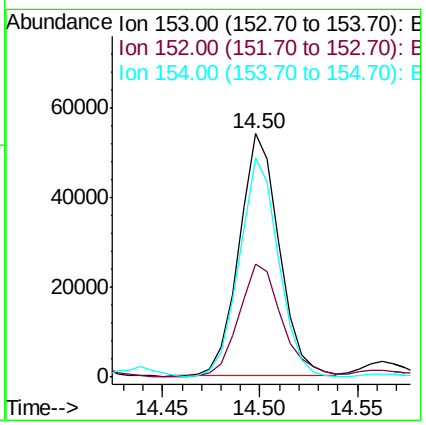
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM

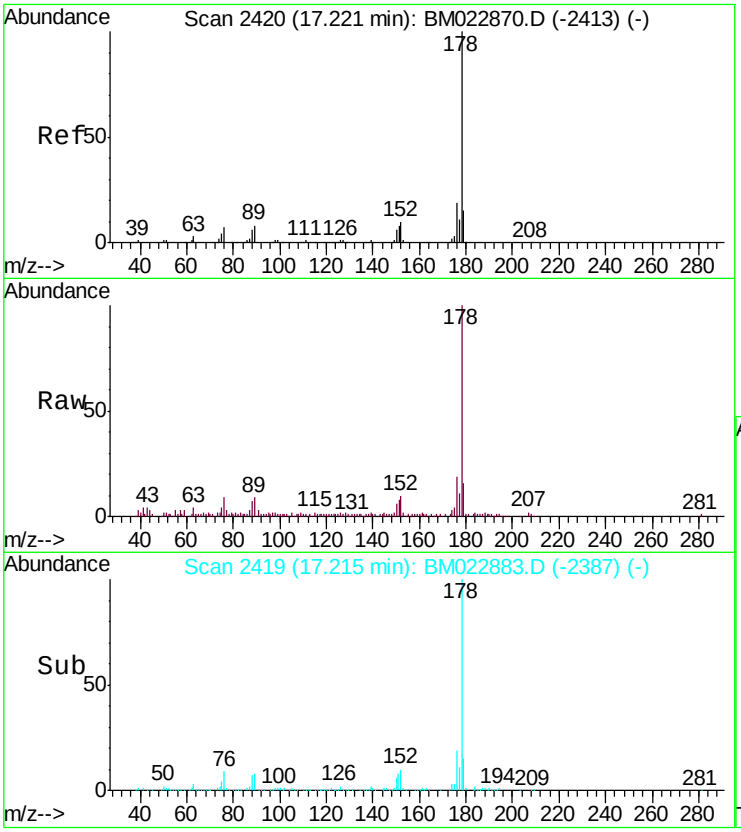


#50
Acenaphthene
Concen: 1.337 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

Tgt Ion:153 Resp: 76589

Ion	Ratio	Lower	Upper
153	100		
152	46.3	38.1	57.1
154	89.9	71.1	106.7

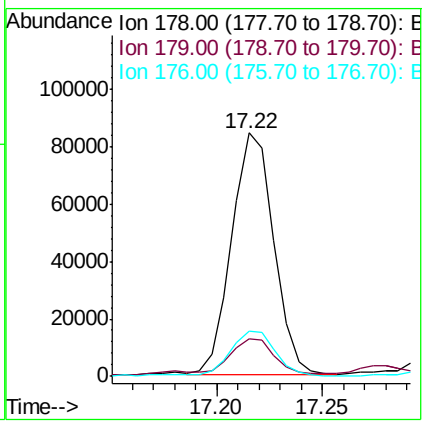




#70
Phenanthrene
Concen: 1.302 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM022883.D
Acq: 02 Oct 2019 09:12

Tgt Ion:178 Resp: 116947

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.6	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
BFDM7

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:26 PM