Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022877.D
Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

Quant Time: Oct 02 14:23:27 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	319949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1391183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	858071	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1531502	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	1083221	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1188533	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	38408	5.19	ng/uL	0.00
5) Phenol-d5	6.97	99	183274	6.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	354820	22.93	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	445243	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	320130	13.83	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	260134	24.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	295654	25.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	504964	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	360610	12.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1559122	23.41	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1807062	23.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	62042m	4.71	ng/ul	0.01
58) Fluorene-d10	15.43	176	1275482	22.47	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	214922	21.56	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1802077	24.10	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1654044	28.37	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1480990	24.09	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.00	94	2287235	77.179	ng/ul	100
11) 2-Methylphenol	8.25	108	1733474	75.893	ng/ul	100
16) 4-Methylphenol	8.59	108	4652680	184.223	ng/ul	92
24) 2,4-Dimethylphenol	9.79	107	5970271m	228.678	ng/ul	
28) Naphthalene	10.65	128	2331112	31.027	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	650864	11.554	ng/ul	99
45) Dimethylphthalate	13.90	163	1524305	22.282	ng/ul	100
50) Acenaphthene	14.50	153	75776	1.310	ng/ul	99
70) Phenanthrene	17.22	178	96597	1.057	ng/ul	98

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

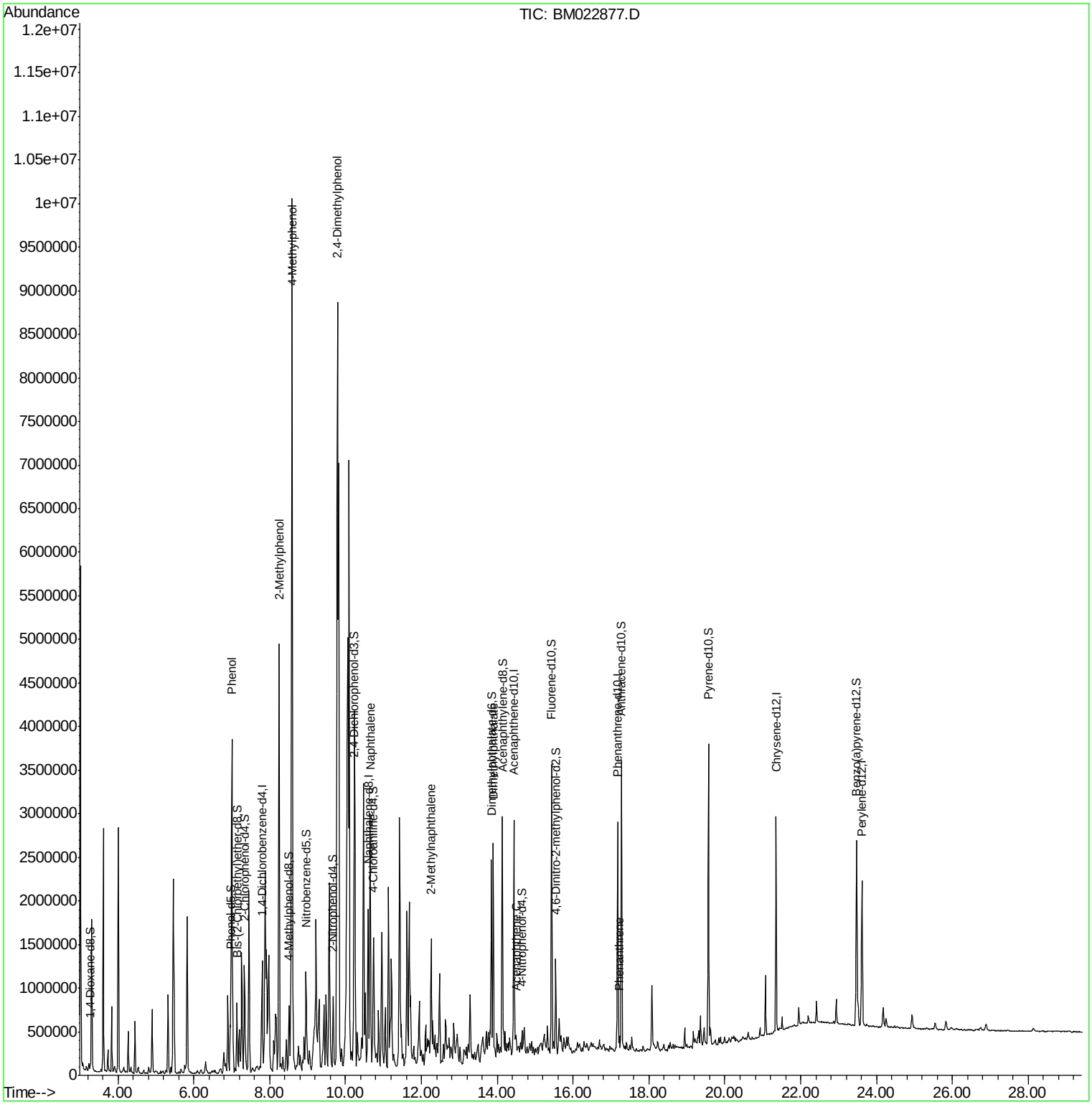
Quantitation Report (LSC Reviewed)

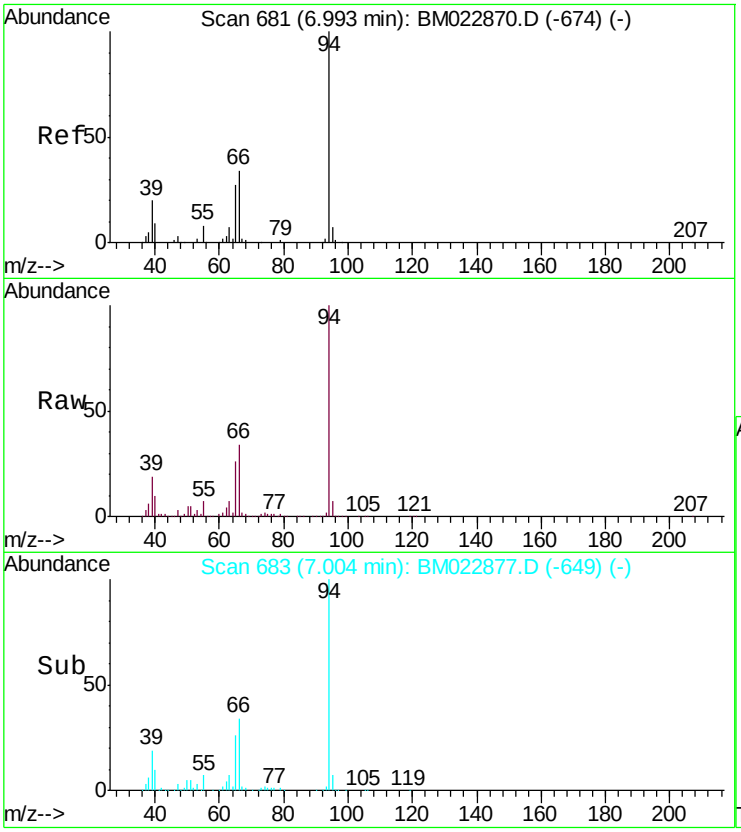
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022877.D
Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 02 14:23:27 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 :
BFDJ8

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

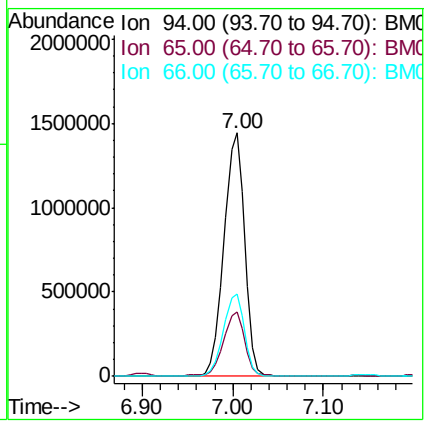




#6
Phenol
Concen: 77.179 ng/ul
RT: 7.00 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

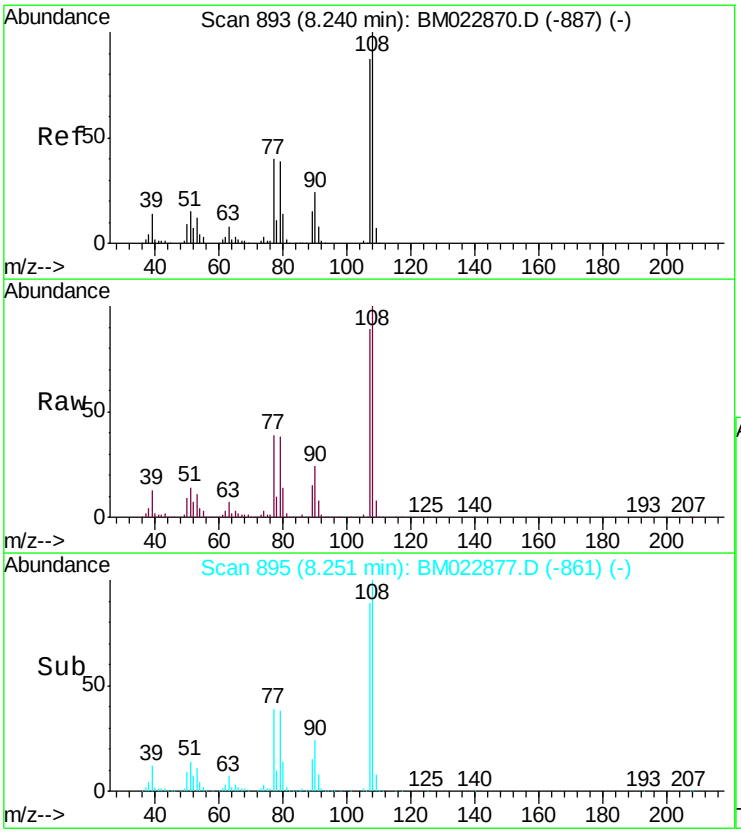
Tgt Ion: 94 Resp: 2287235

Ion	Ratio	Lower	Upper
94	100		
65	26.4	20.9	31.3
66	33.9	27.2	40.8



Instrument :
BNA_M
ClientSampleId :
BFDJ8

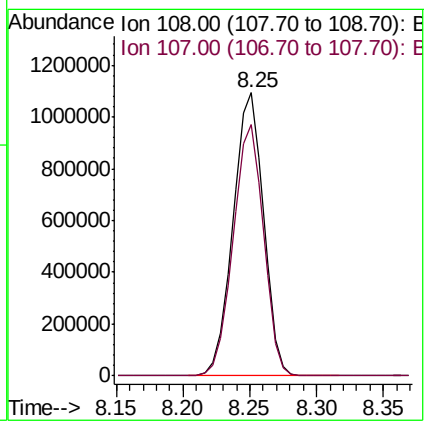
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

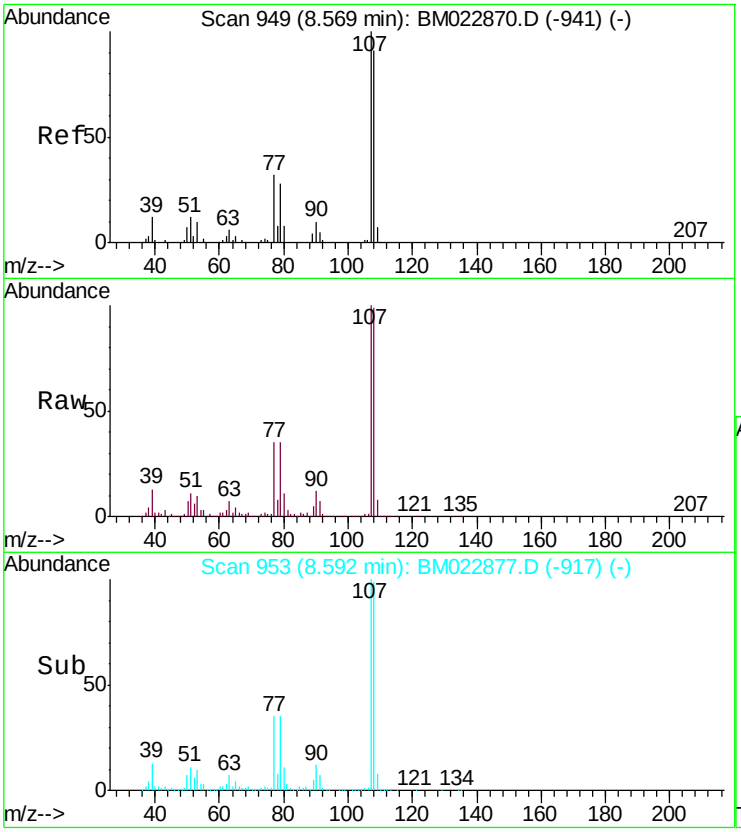


#11
2-Methylphenol
Concen: 75.893 ng/ul
RT: 8.25 min Scan# 895
Delta R.T. -0.00 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

Tgt Ion:108 Resp: 1733474

Ion	Ratio	Lower	Upper
108	100		
107	88.7	71.0	106.4

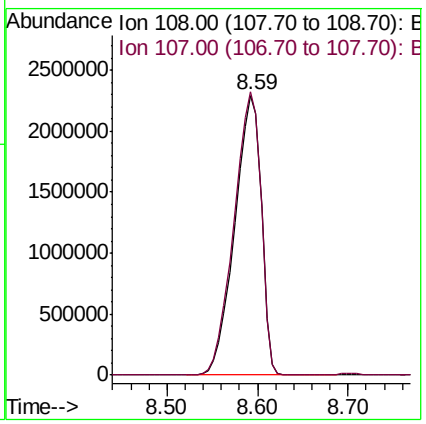




#16
4-Methylphenol
Concen: 184.223 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. 0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

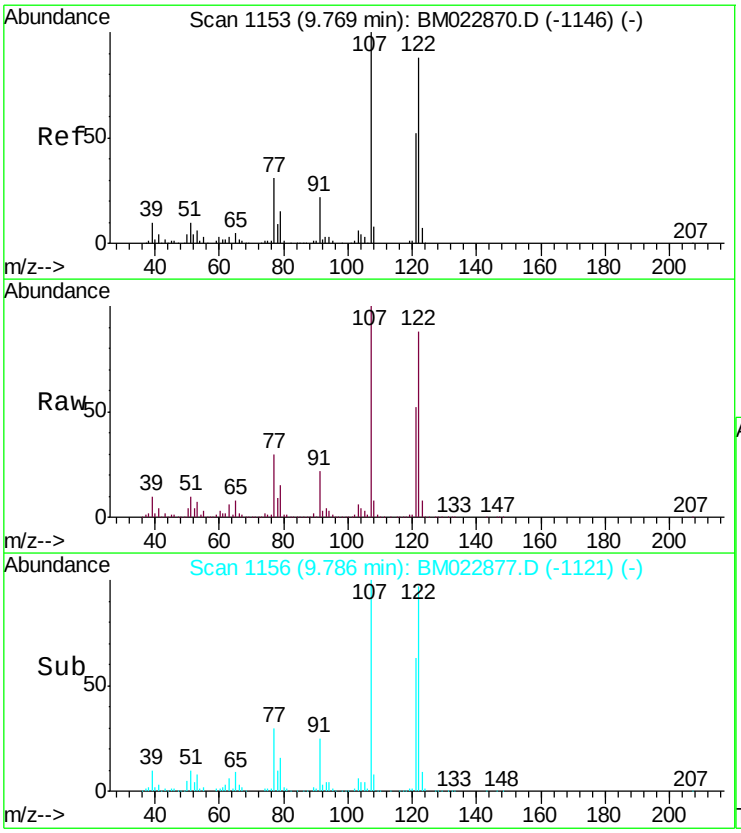
Tgt Ion:108 Resp: 4652680

Ion	Ratio	Lower	Upper
108	100		
107	101.0	87.9	131.9



Instrument :
BNA_M
ClientSampleId :
BFDJ8

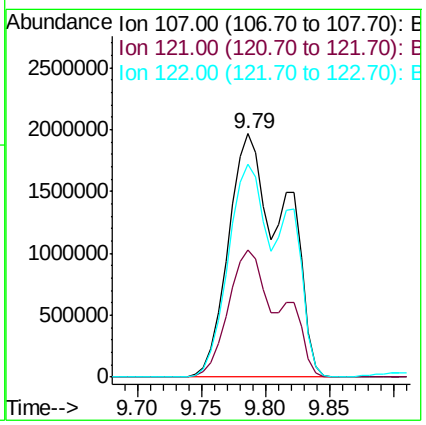
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

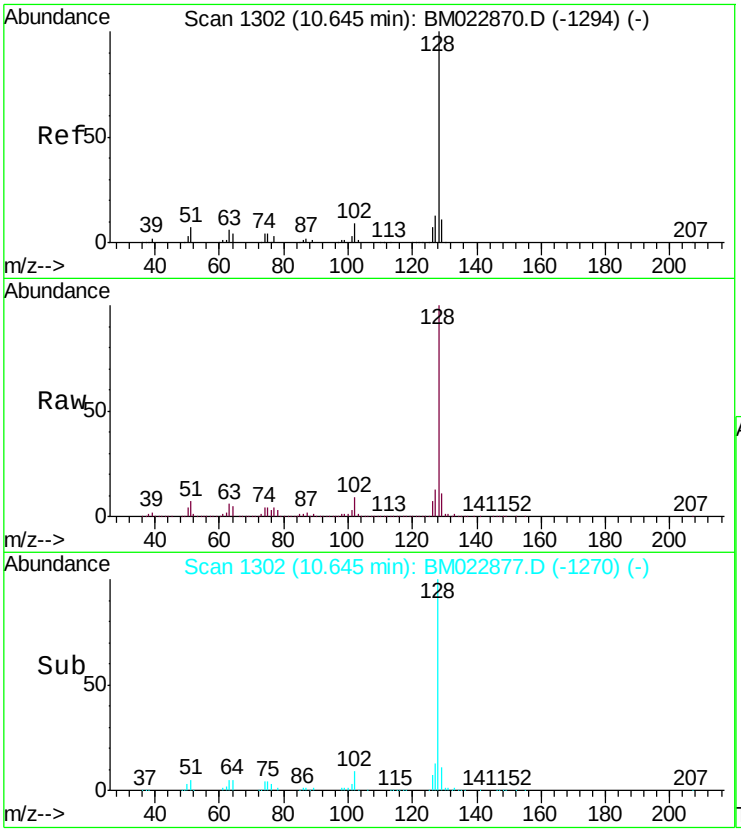


#24
2,4-Dimethylphenol
Concen: 228.678 ng/ul m
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

Tgt Ion:107 Resp: 5970271

Ion	Ratio	Lower	Upper
107	100		
121	52.1	43.0	64.4
122	87.6	71.4	107.0

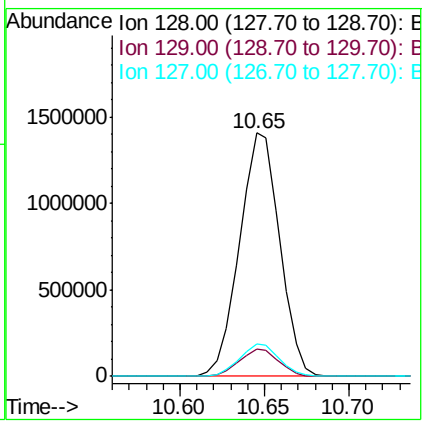




#28
Naphthalene
Concen: 31.027 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

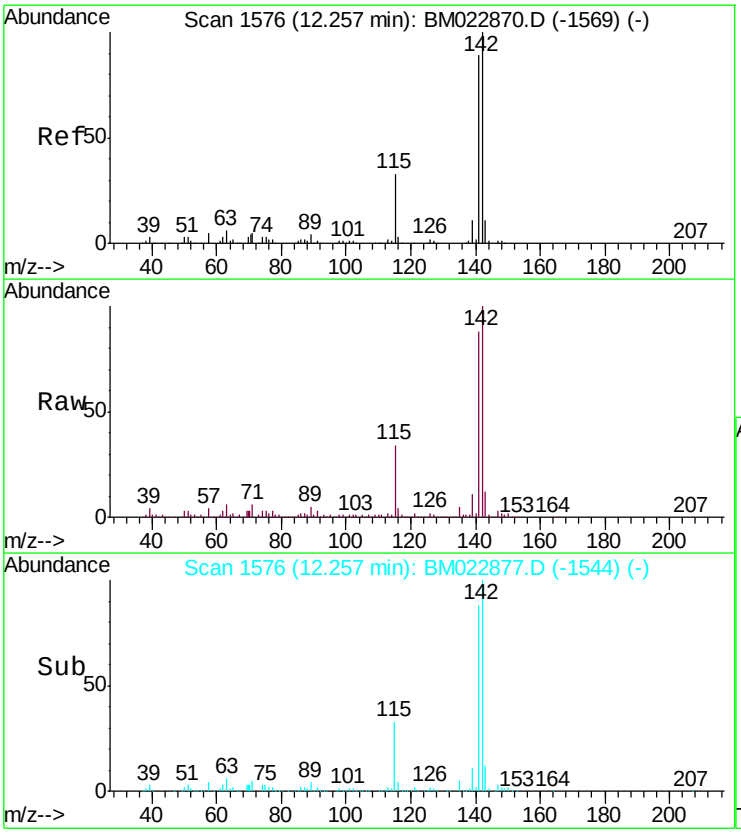
Tgt Ion:128 Resp: 2331112

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
BFDJ8

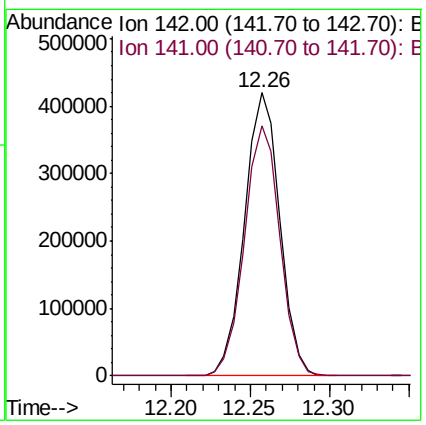
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

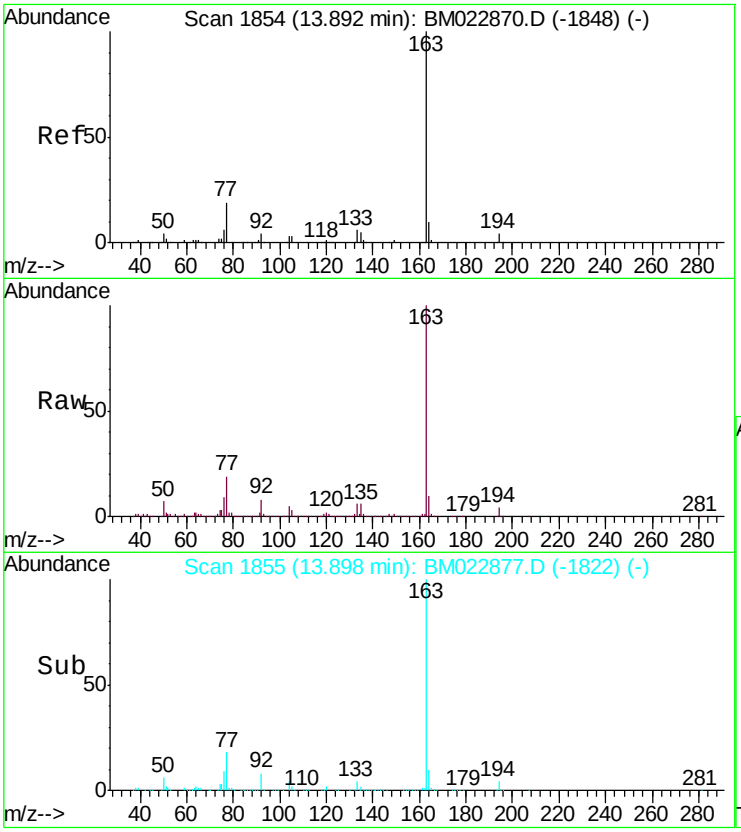


#34
2-Methylnaphthalene
Concen: 11.554 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

Tgt Ion:142 Resp: 650864

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8

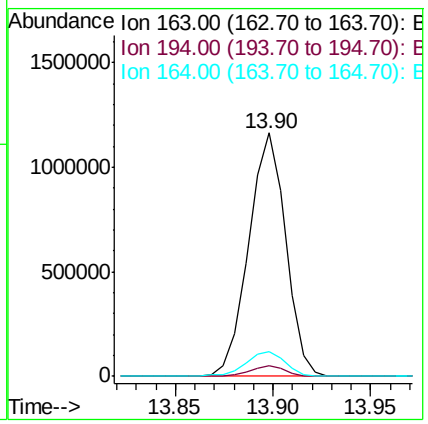




#45
Dimethylphthalate
Concen: 22.282 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

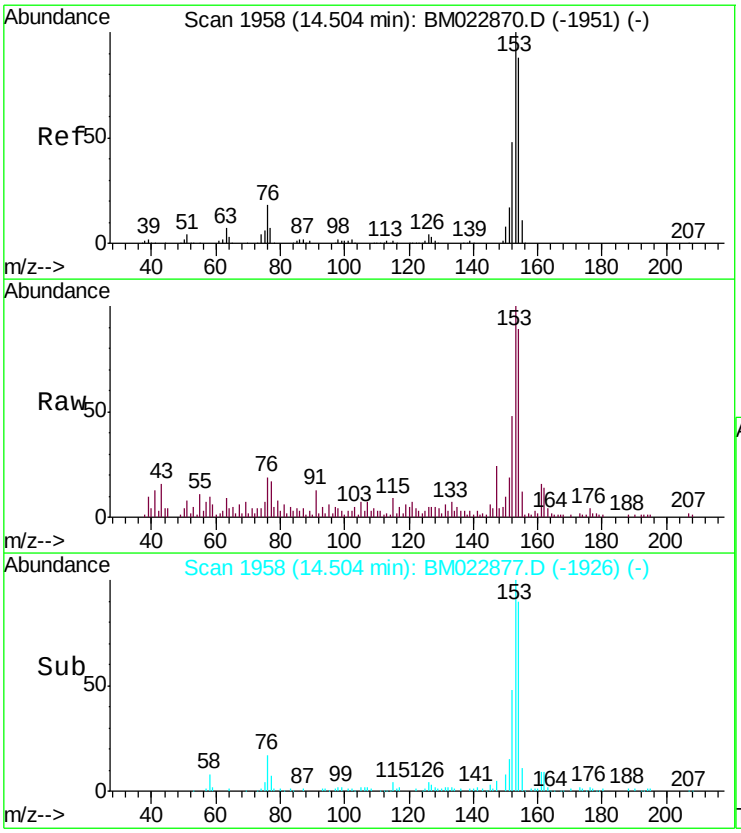
Tgt Ion:163 Resp: 1524305

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
BFDJ8

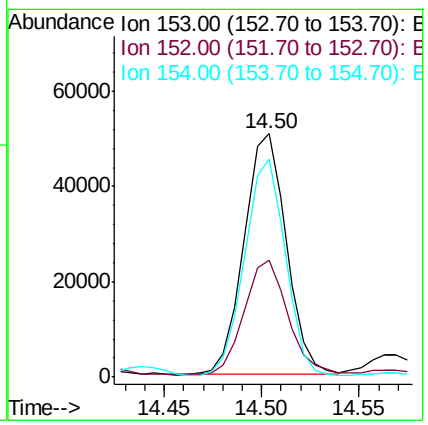
Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM

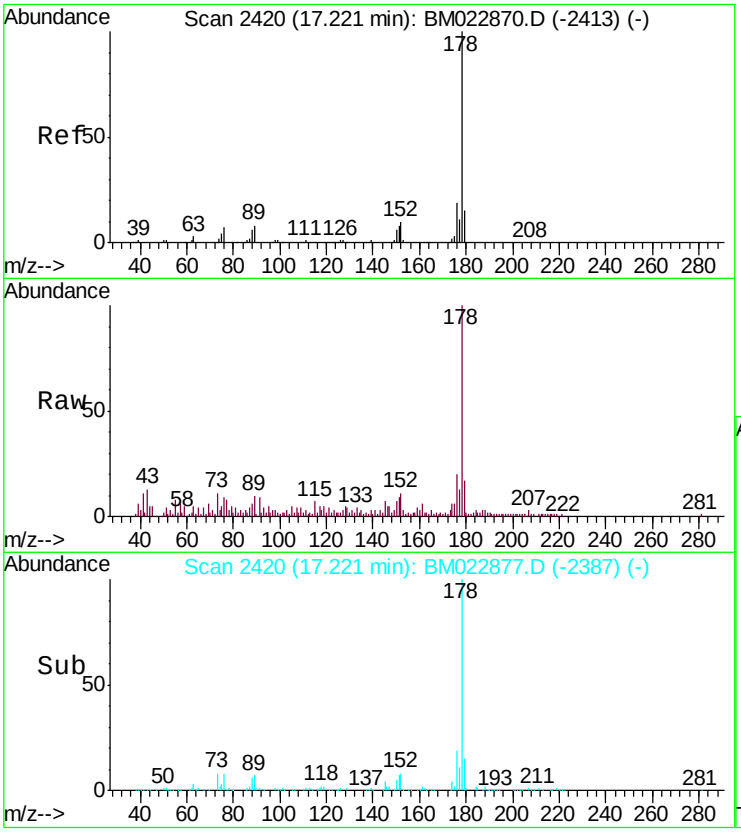


#50
Acenaphthene
Concen: 1.310 ng/ul
RT: 14.50 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

Tgt Ion:153 Resp: 75776

Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.1	57.1
154	89.4	71.1	106.7

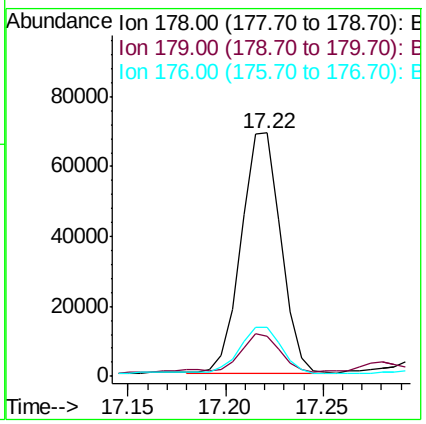




#70
Phenanthrene
Concen: 1.057 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022877.D
Acq: 02 Oct 2019 05:34

Tgt Ion:178 Resp: 96597

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	19.9	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
BFDJ8

Manual Integrations APPROVED
mohammad
10/2/2019 3:58:21 PM