Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024568.D
Acq On : 21 Jan 2020 18:07
Operator : JU
Sample : L1109-11MEDL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

Quant Time: Jan 22 02:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 02:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	218802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	965670	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	698444	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1590033	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1634358	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1494104	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	5045	1.13	ng/uL	0.00
5) Phenol-d5	6.65	99	86929	5.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	50386	5.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	79829	5.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	76282	5.10	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	41713	6.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	44198	6.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	89758	5.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	122588	6.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	316747	5.79	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	361012	5.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	38202	4.18	ng/ul	0.00
58) Fluorene-d10	15.10	176	274014	5.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	35363	3.90	ng/ul	0.00
71) Anthracene-d10	16.94	188	437950	5.92	ng/ul	0.00
79) Pyrene-d10	19.25	212	529964	6.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	454294	5.86	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	16689	1.013	ng/ul	95
11) 2-Methylphenol	7.90	108	17273	1.279	ng/ul	88
16) 4-Methylphenol	8.23	108	41945	2.789	ng/ul	89
24) 2,4-Dimethylphenol	9.42	107	44133m	2.531	ng/ul	
28) Naphthalene	10.26	128	1946026	39.336	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	496585	12.936	ng/ul	100
41) 1,1'-Biphenyl	12.92	154	87155	1.719	ng/ul	95
48) Acenaphthylene	13.82	152	254968	3.963	ng/ul	97
50) Acenaphthene	14.16	153	49973	1.148	ng/ul	97
54) Dibenzofuran	14.50	168	314978	4.938	ng/ul	99
59) Fluorene	15.16	166	315119	5.843	ng/ul	98
70) Phenanthrene	16.89	178	1314084	15.325	ng/ul	100
72) Anthracene	16.98	178	490642	5.611	ng/ul	99
75) Carbazole	17.25	167	134830	1.833	ng/ul	98
77) Fluoranthene	18.92	202	839632	8.012	ng/ul	99
80) Pyrene	19.28	202	702113	6.275	ng/ul	99
83) Benzo(a)anthracene	21.04	228	424972	3.817	ng/ul	96
85) Chrysene	21.09	228	331935m	3.094	ng/ul	
88) Benzo(b)fluoranthene	22.56	252	261272	2.646	ng/ul#	97
89) Benzo(k)fluoranthene	22.59	252	117363m	1.209	ng/ul	
91) Benzo(a)pyrene	23.08	252	216683	2.525	ng/ul	96

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024568.D
Acq On : 21 Jan 2020 18:07
Operator : JU
Sample : L1109-11MEDL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 02:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 02:05:31 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

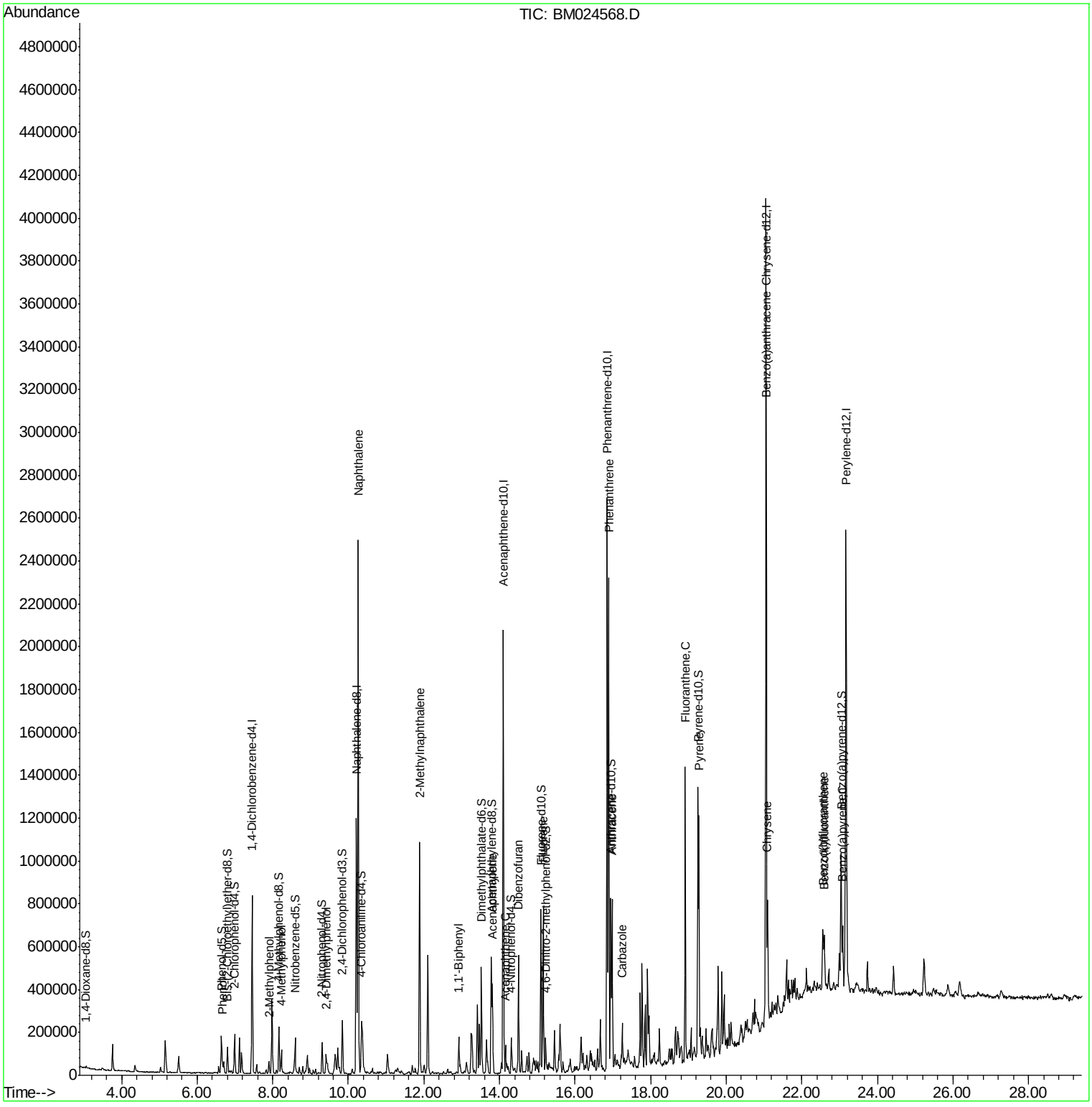
Quantitation Report (LSC Reviewed)

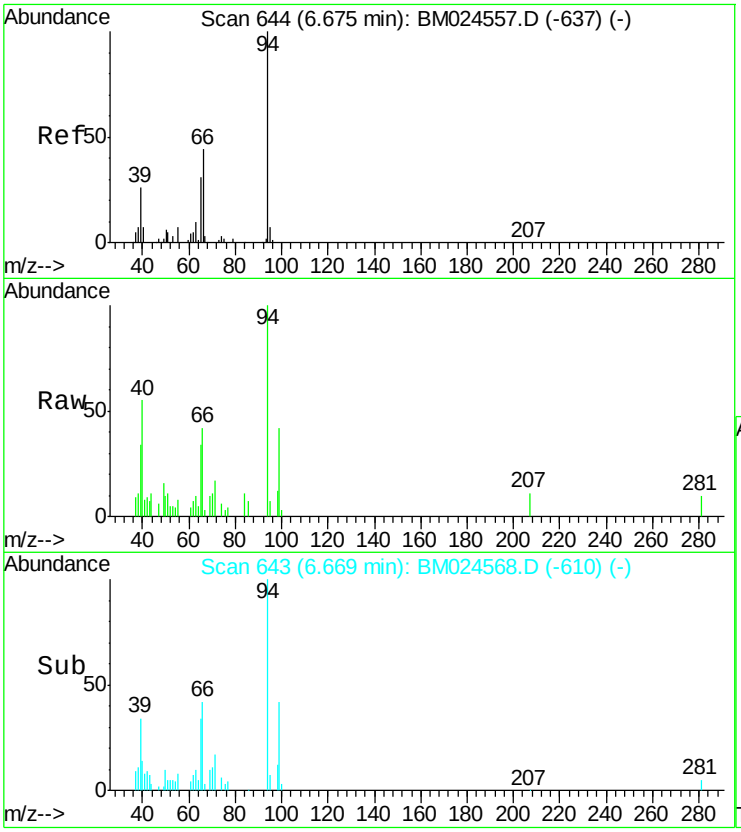
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024568.D
Acq On : 21 Jan 2020 18:07
Operator : JU
Sample : L1109-11MEDL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 02:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 02:05:31 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

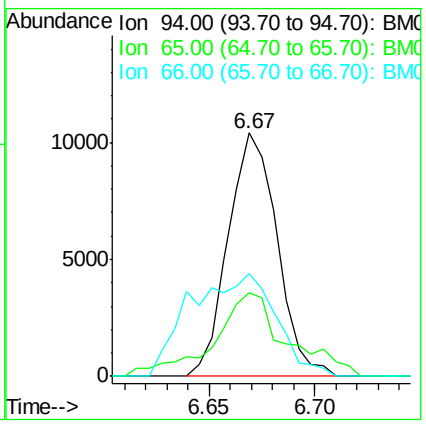




#6
Phenol
Concen: 1.013 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

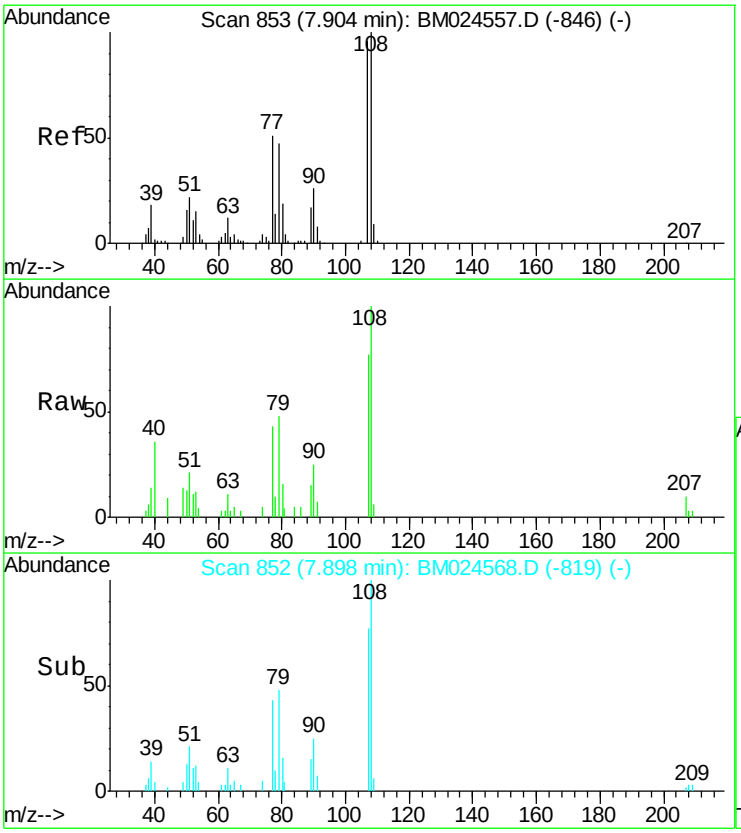
Tgt Ion: 94 Resp: 16689

Ion	Ratio	Lower	Upper
94	100		
65	34.3	26.7	40.1
66	42.1	38.1	57.1



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

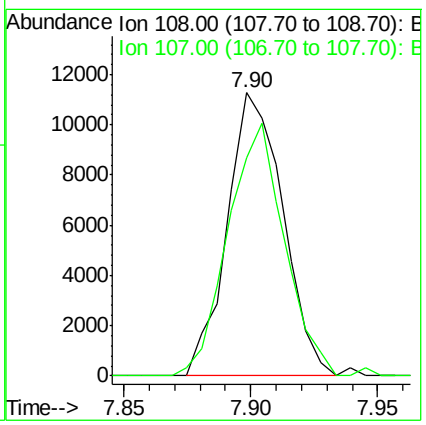
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

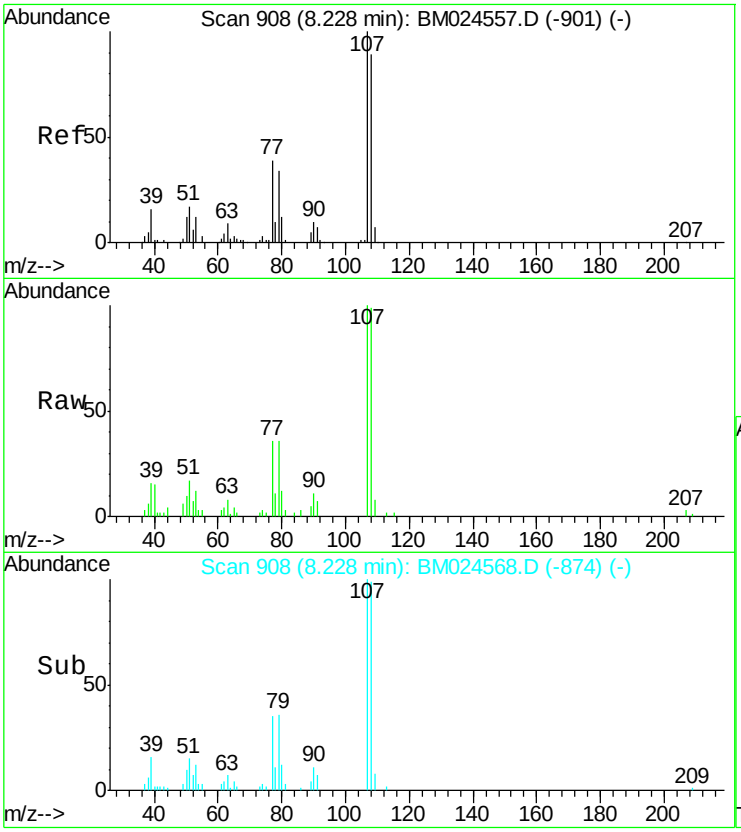


#11
2-Methylphenol
Concen: 1.279 ng/ul
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:108 Resp: 17273

Ion	Ratio	Lower	Upper
108	100		
107	77.1	70.6	105.8





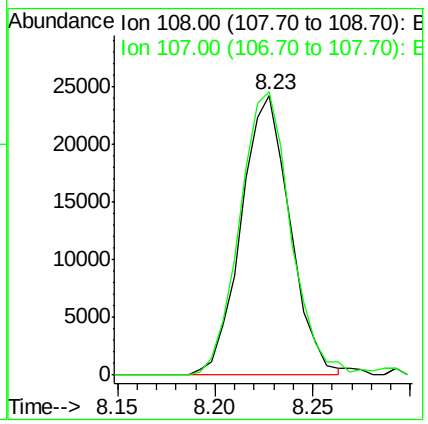
#16
4-Methylphenol
Concen: 2.789 ng/ul
RT: 8.23 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

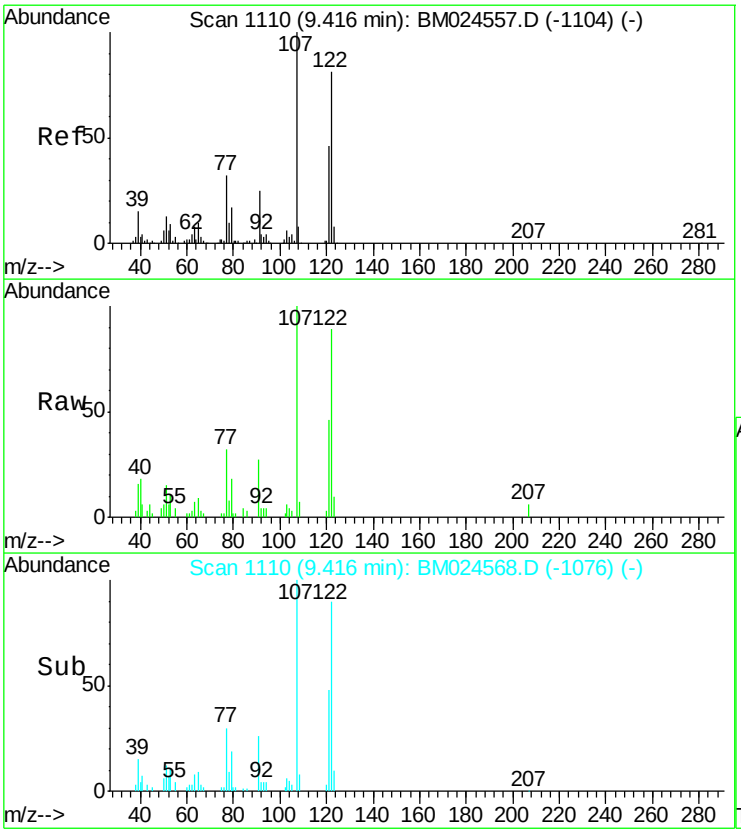
Tgt Ion:108 Resp: 41945

Ion	Ratio	Lower	Upper
108	100		
107	101.2	90.5	135.7

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

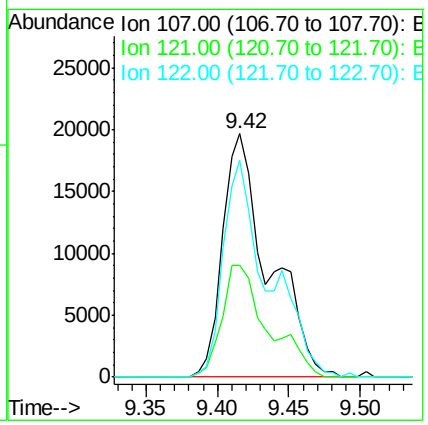


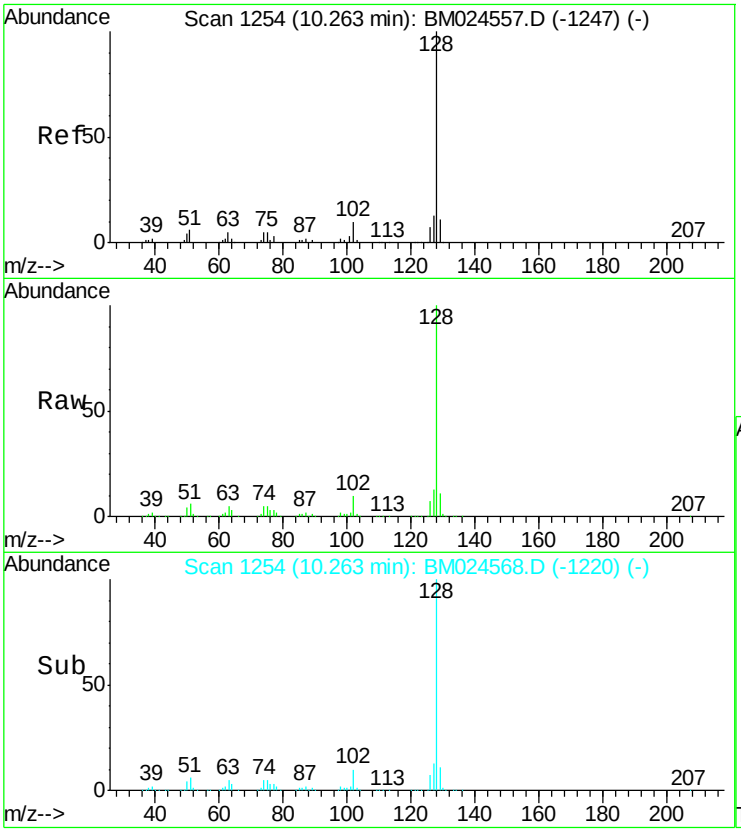


#24
2,4-Dimethylphenol
Concen: 2.531 ng/ul m
RT: 9.42 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:107 Resp: 44133

Ion	Ratio	Lower	Upper
107	100		
121	45.7	38.4	57.6
122	89.1	64.3	96.5

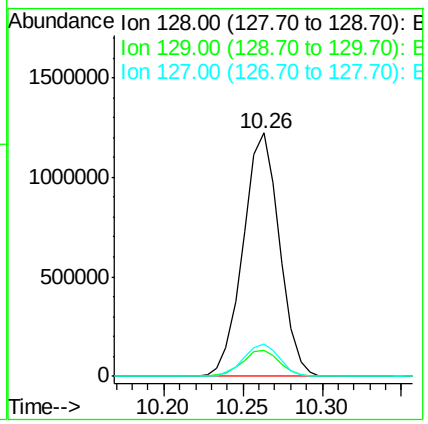




#28
Naphthalene
Concen: 39.336 ng/ul
RT: 10.26 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

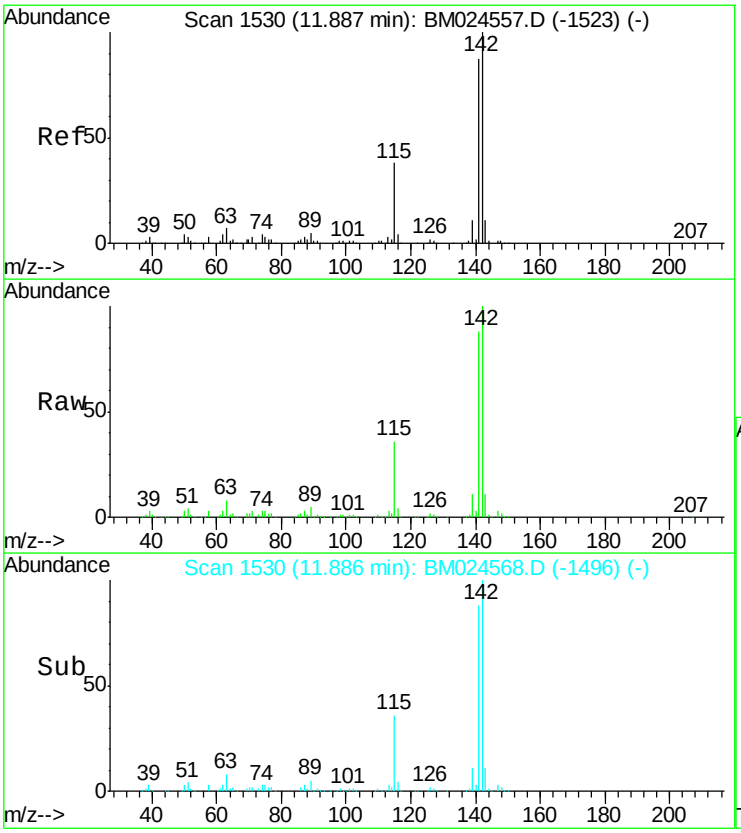
Tgt Ion:128 Resp: 1946026

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

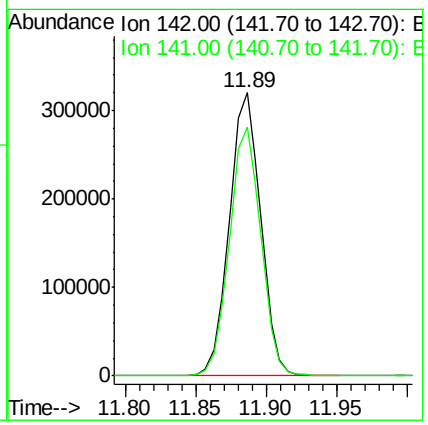
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

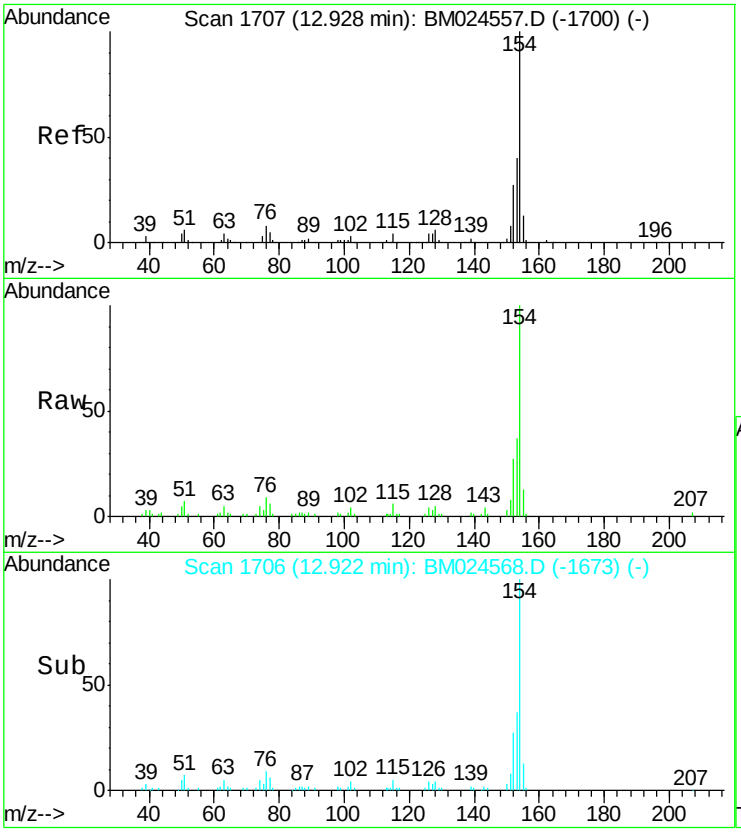


#34
2-Methylnaphthalene
Concen: 12.936 ng/ul
RT: 11.89 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:142 Resp: 496585

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6

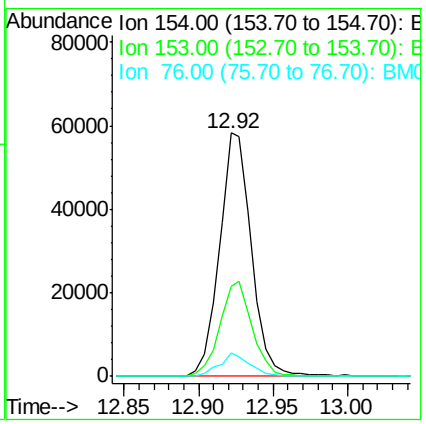




#41
1,1'-Biphenyl
Concen: 1.719 ng/ul
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

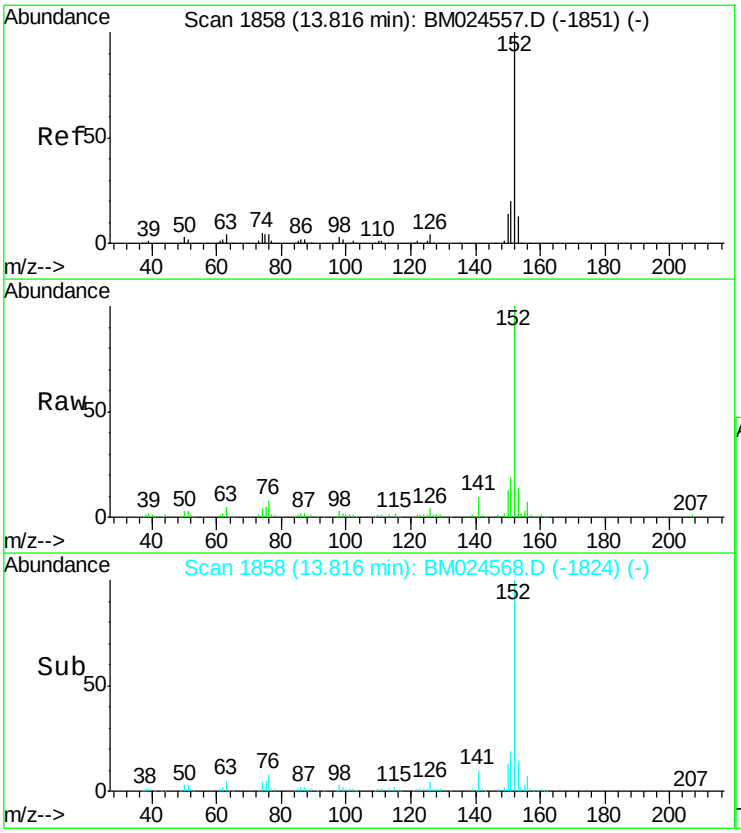
Tgt Ion:154 Resp: 87155

Ion	Ratio	Lower	Upper
154	100		
153	36.8	32.3	48.5
76	9.5	7.0	10.6



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

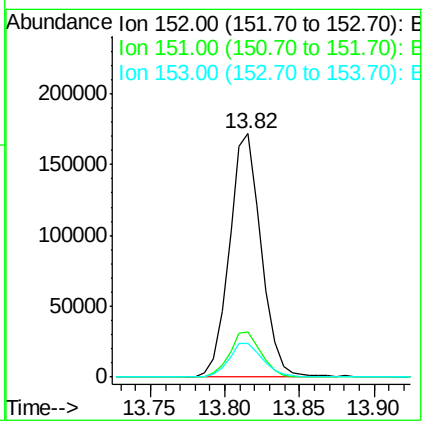
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

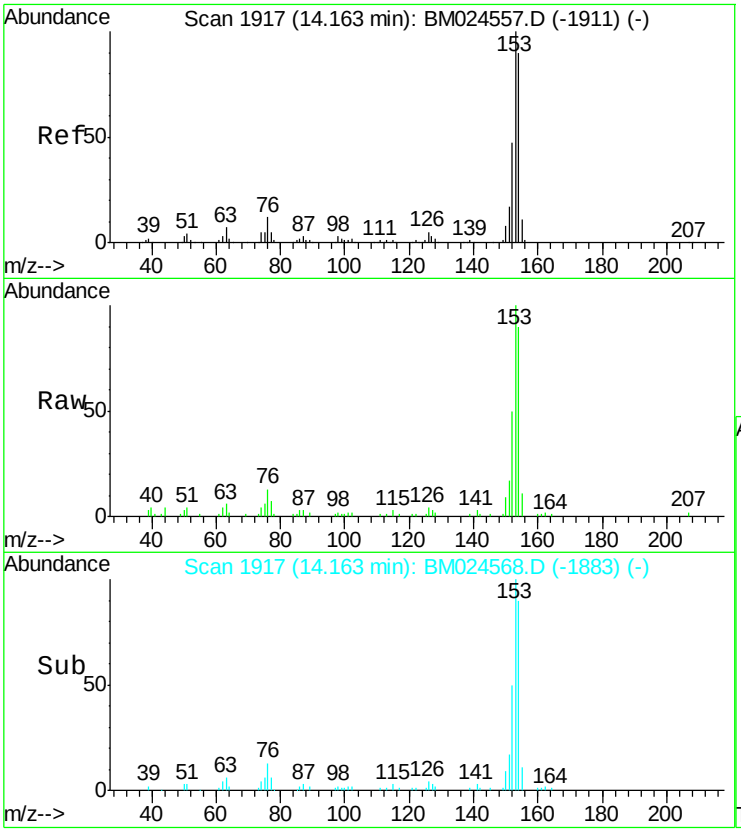


#48
Acenaphthylene
Concen: 3.963 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:152 Resp: 254968

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.9	23.9
153	14.1	10.3	15.5

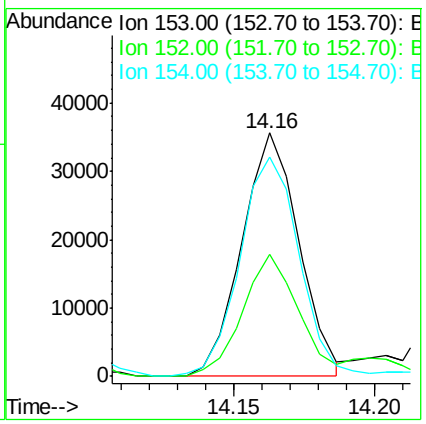




#50
Acenaphthene
Concen: 1.148 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

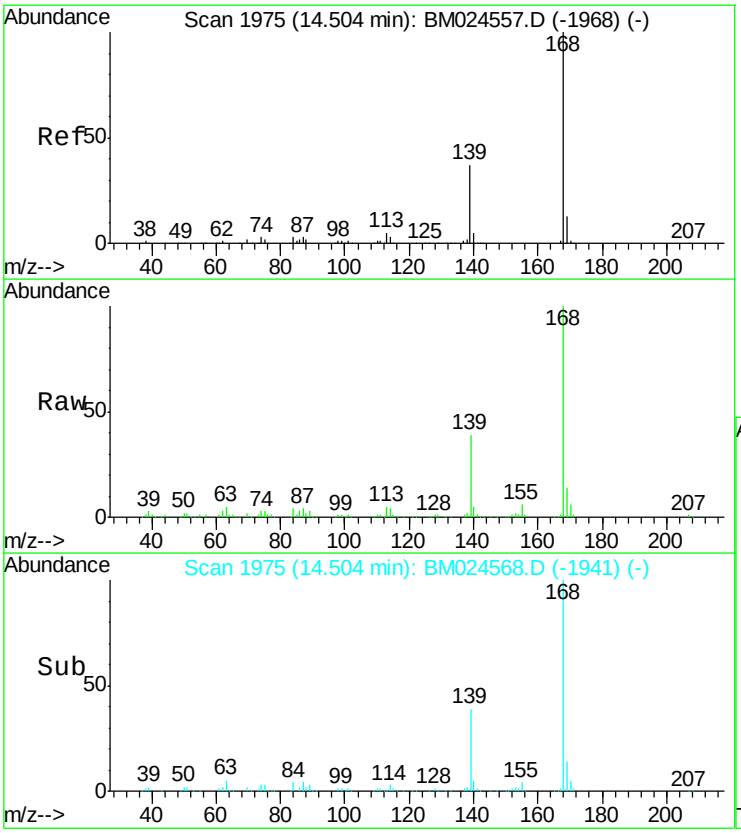
Tgt Ion:153 Resp: 49973

Ion	Ratio	Lower	Upper
153	100		
152	50.2	37.2	55.8
154	90.3	70.6	106.0



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

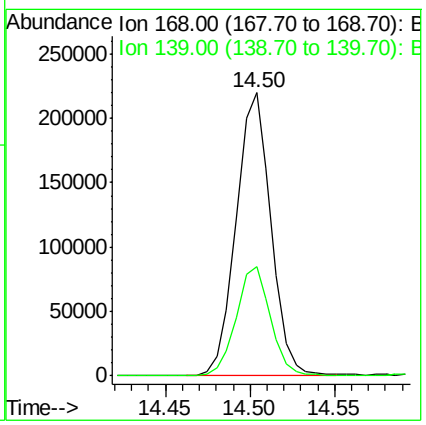
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

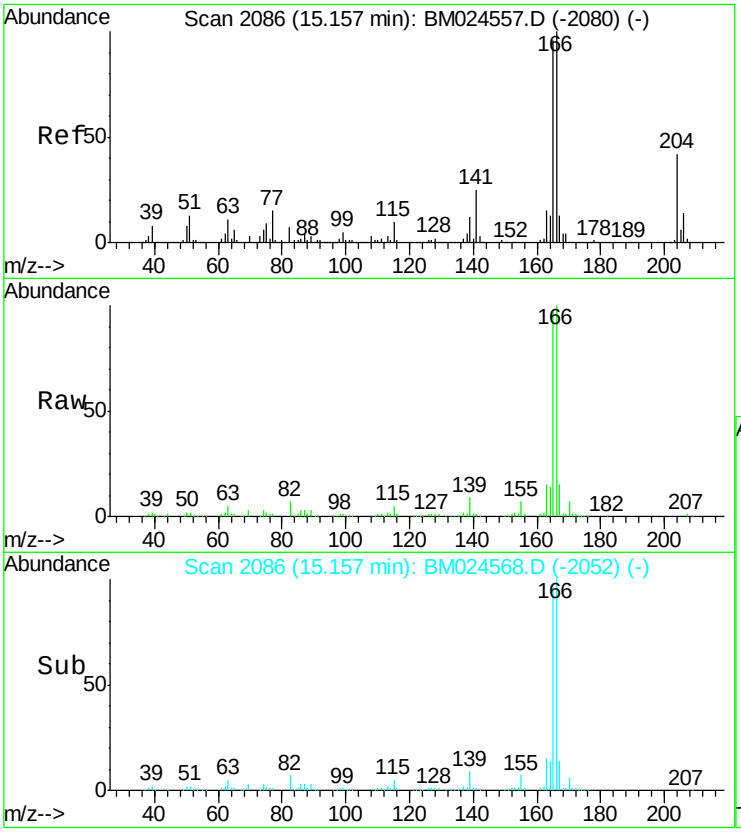


#54
Dibenzofuran
Concen: 4.938 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:168 Resp: 314978

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.7	46.1

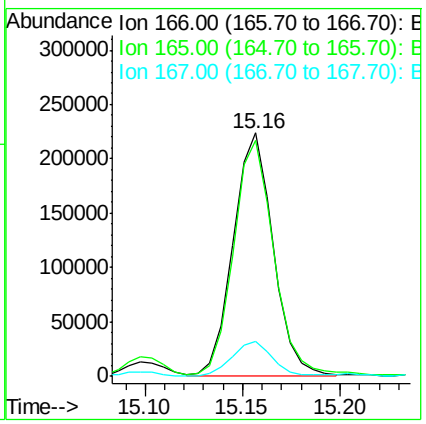




#59
Fluorene
Concen: 5.843 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

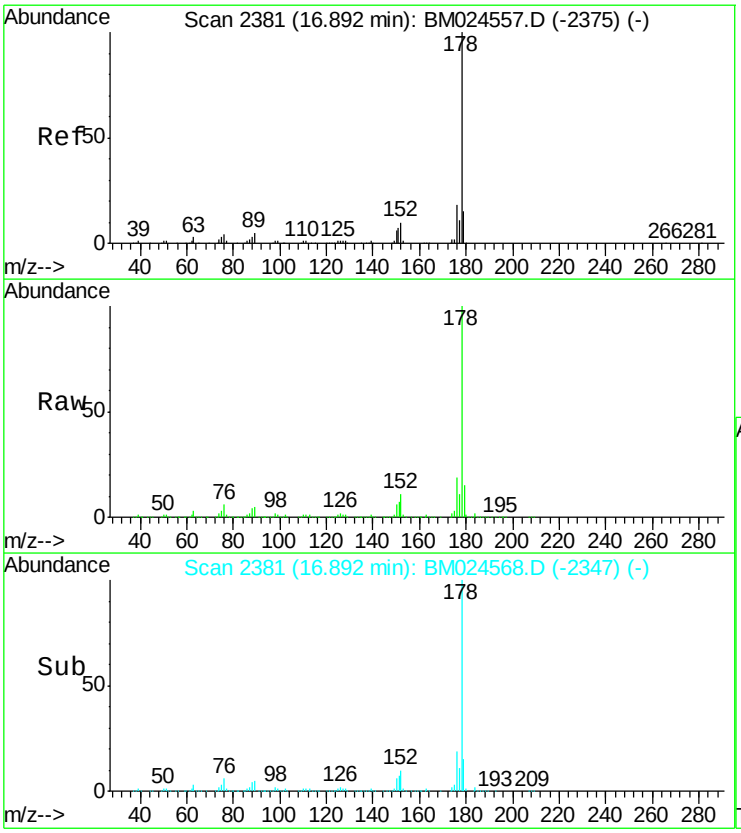
Tgt Ion:166 Resp: 315119

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.6	119.4
167	14.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

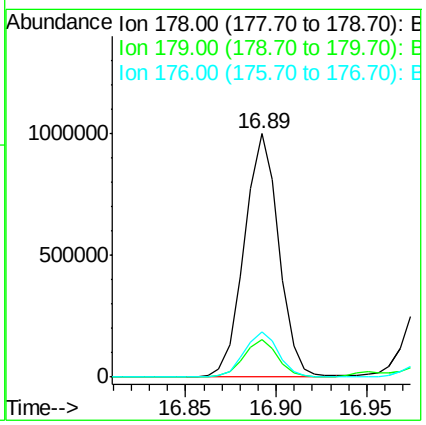
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

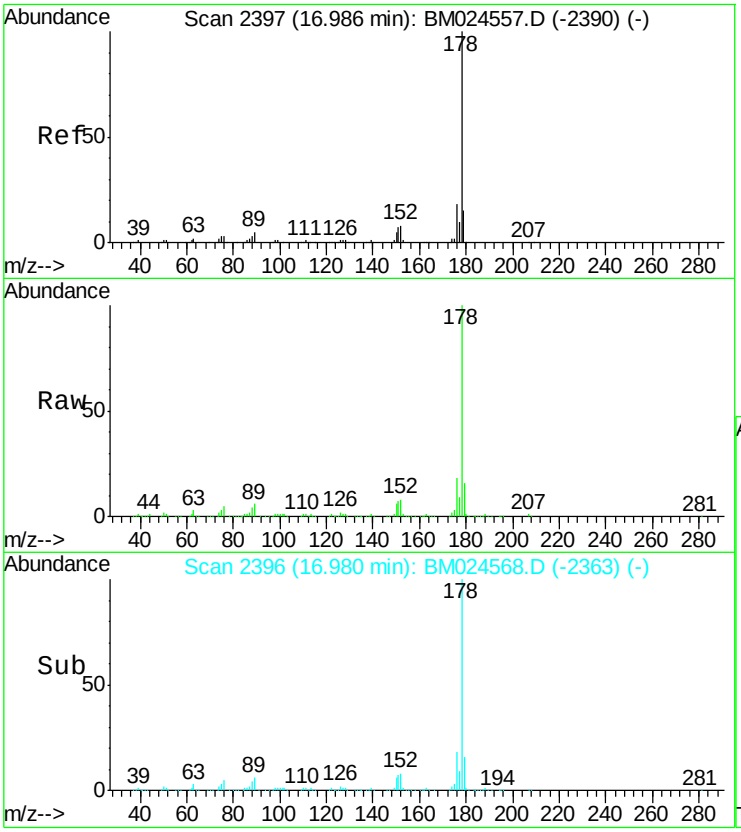


#70
Phenanthrene
Concen: 15.325 ng/ul
RT: 16.89 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:178 Resp: 1314084

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	14.9	22.3

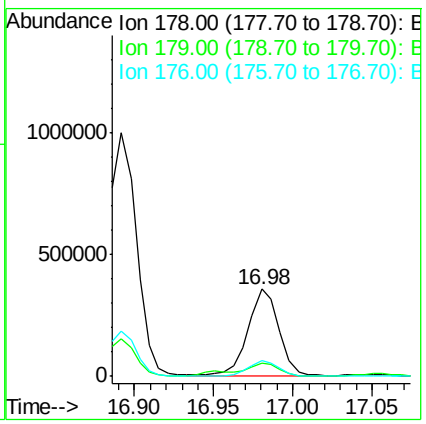




#72
Anthracene
Concen: 5.611 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

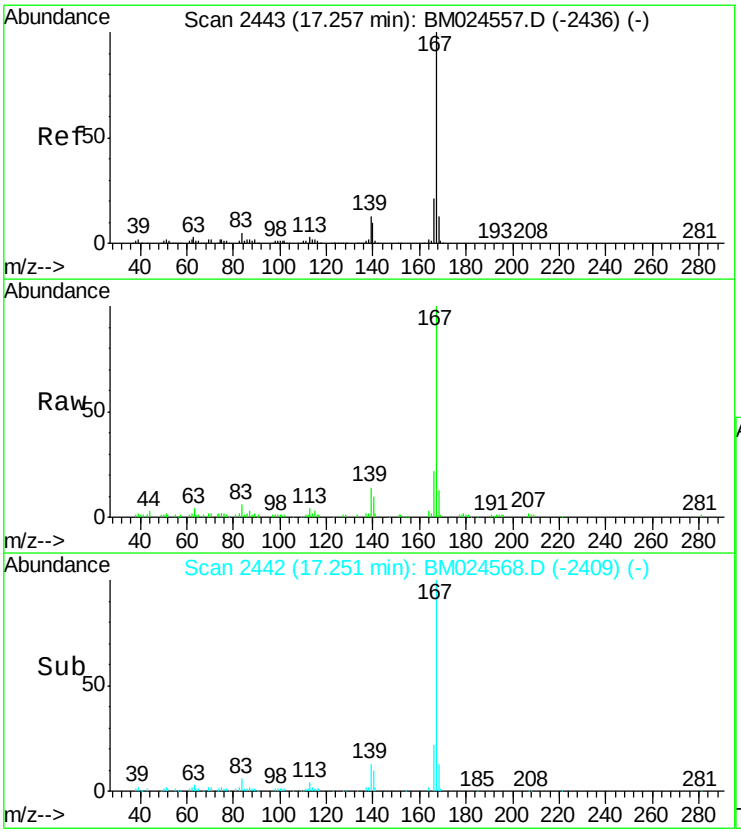
Tgt Ion:178 Resp: 490642

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	17.5	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

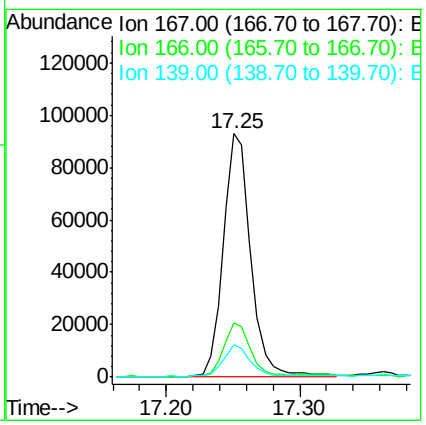
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

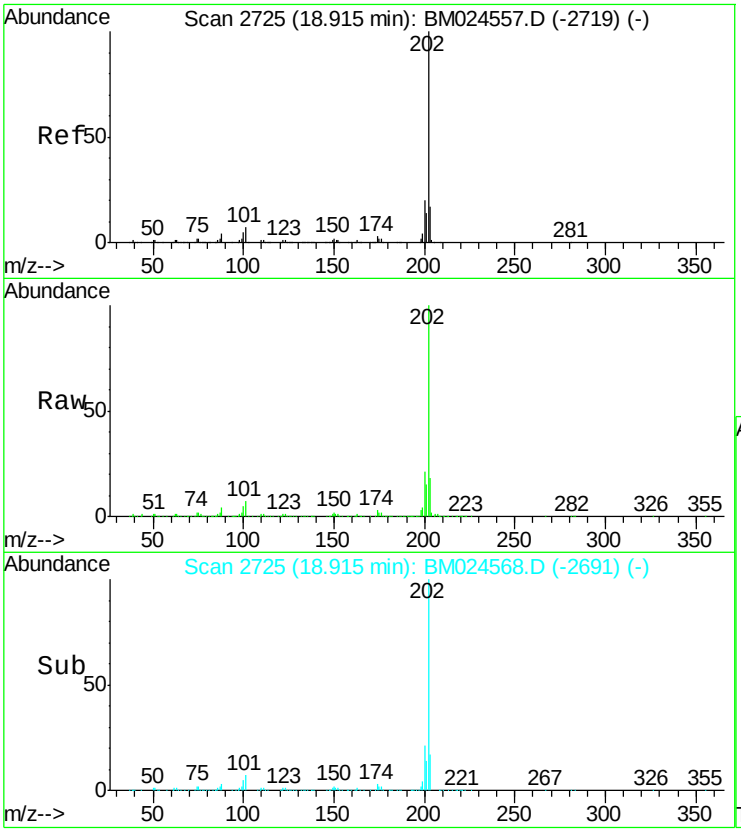


#75
Carbazole
Concen: 1.833 ng/ul
RT: 17.25 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:167 Resp: 134830

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	13.5	10.6	15.8

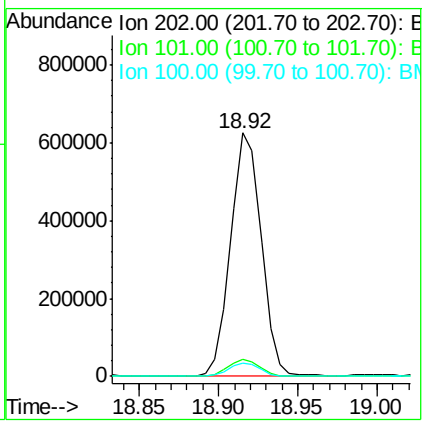




#77
Fluoranthene
Concen: 8.012 ng/ul
RT: 18.92 min Scan# 2725
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

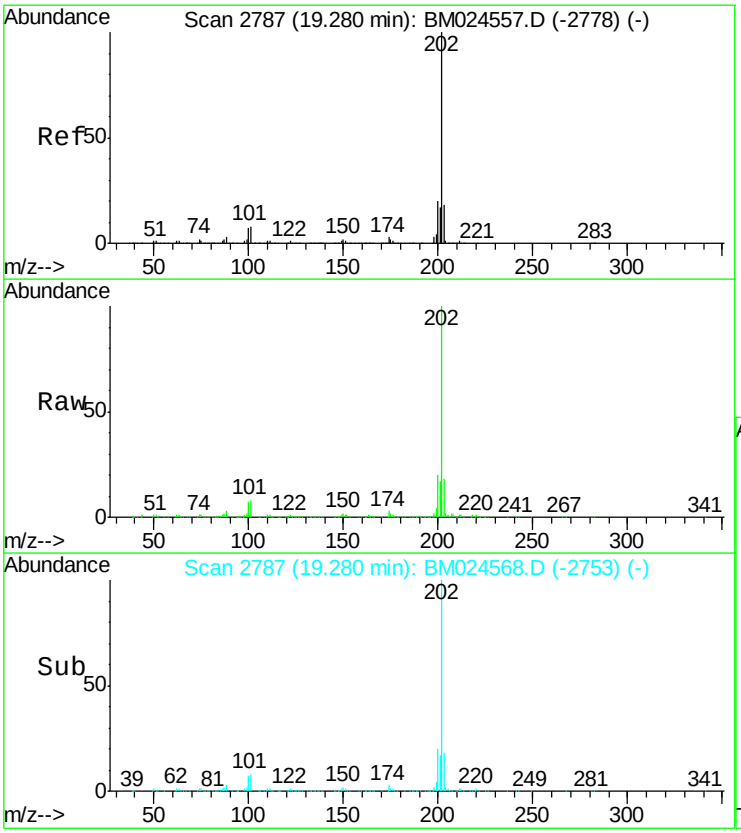
Tgt Ion:202 Resp: 839632

Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.4	8.2
100	5.4	4.3	6.5



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

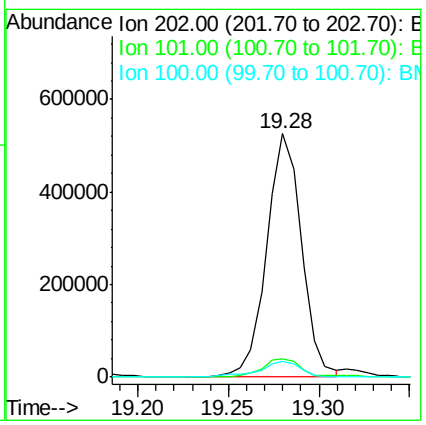
Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

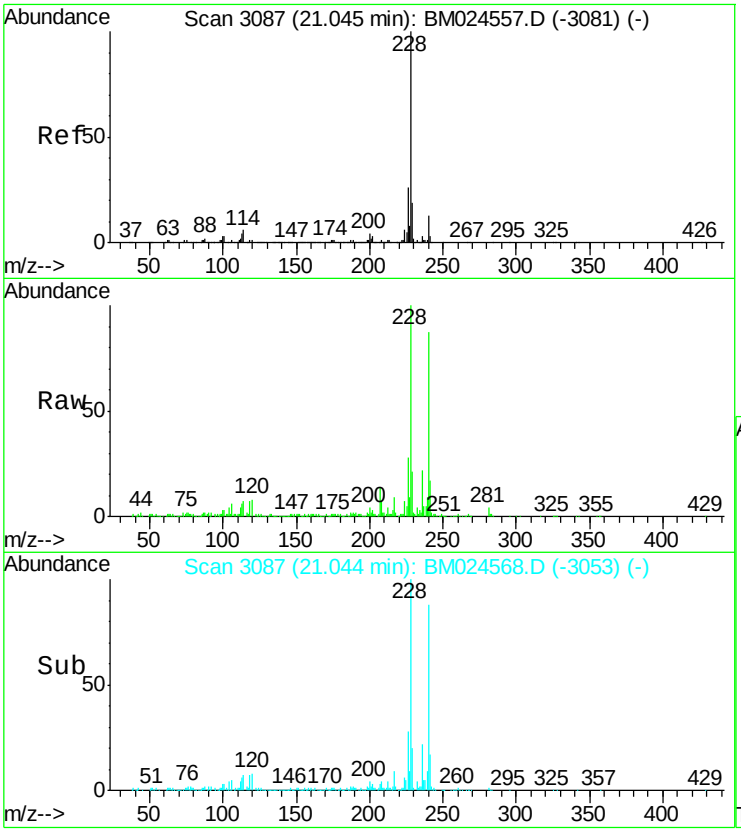


#80
Pyrene
Concen: 6.275 ng/ul
RT: 19.28 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:202 Resp: 702113

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
100	6.7	5.0	7.6





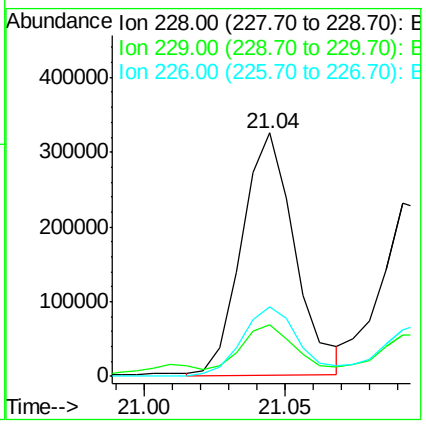
#83
Benzo(a)anthracene
Concen: 3.817 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

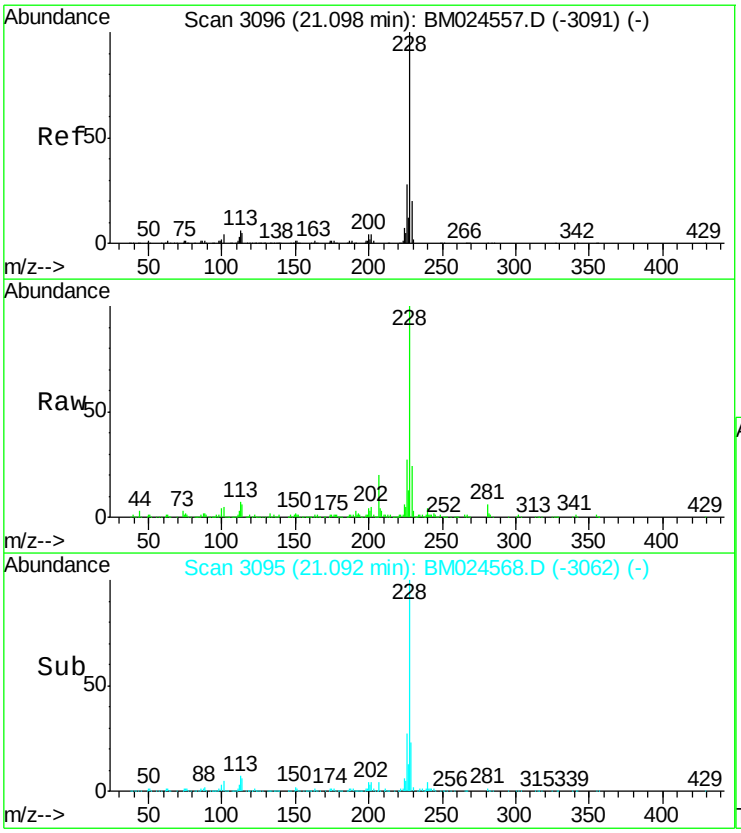
Tgt Ion:228 Resp: 424972

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	28.5	21.1	31.7

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

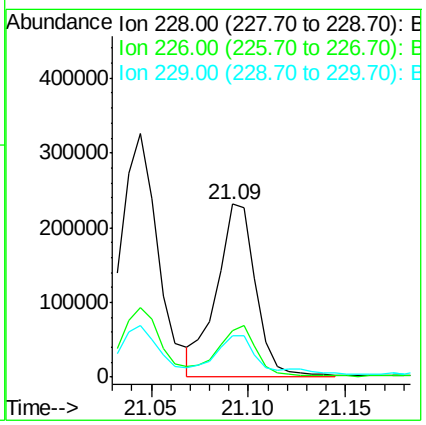


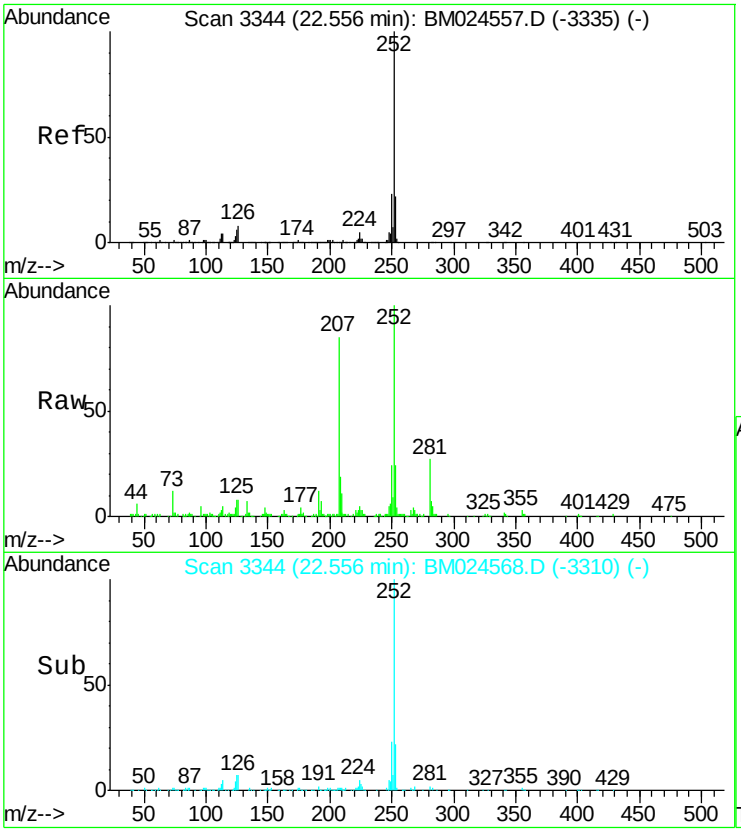


#85
Chrysene
Concen: 3.094 ng/ul m
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:228 Resp: 331935

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	24.2	16.1	24.1#





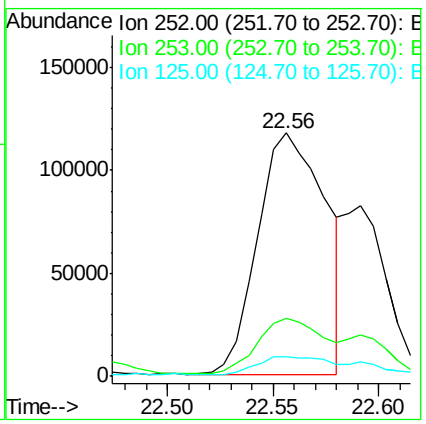
#88
Benzo(b)fluoranthene
Concen: 2.646 ng/ul
RT: 22.56 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

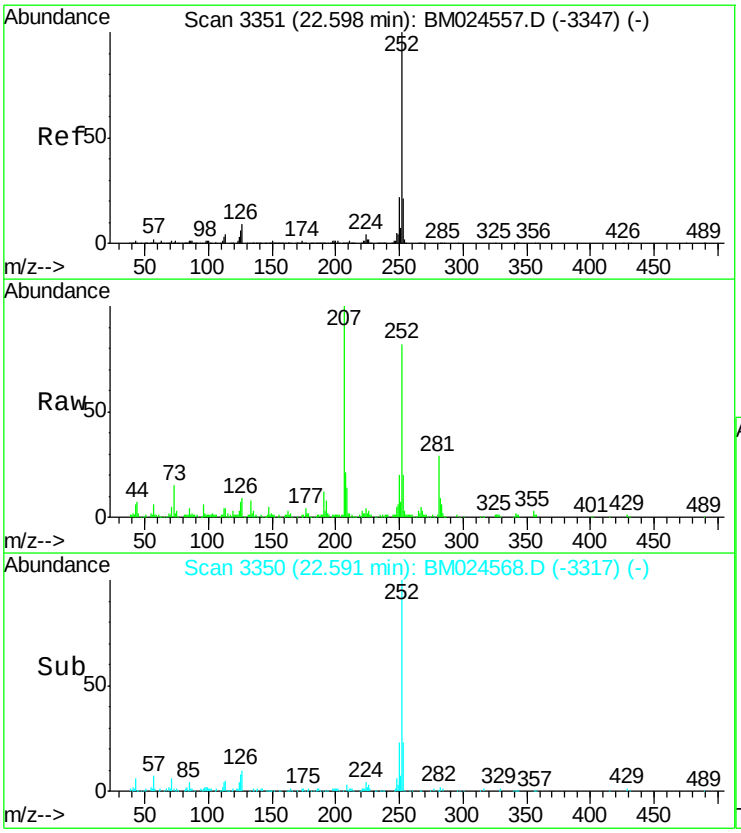
Tgt Ion:252 Resp: 261272

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.0	5.3	7.9#

Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM

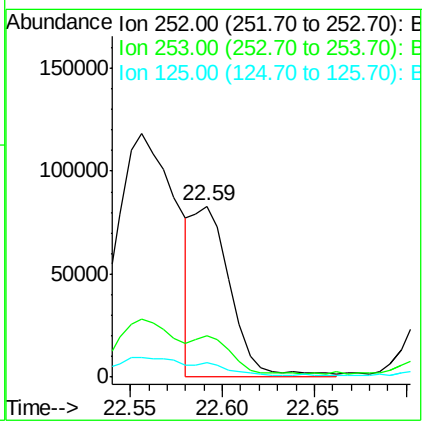


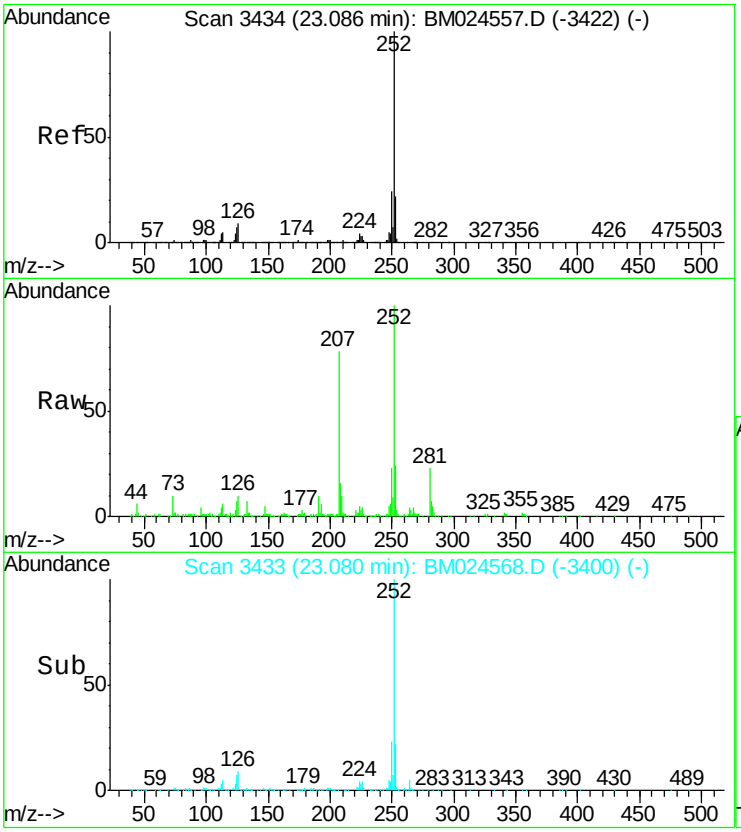


#89
Benzo(k)fluoranthene
Concen: 1.209 ng/ul m
RT: 22.59 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:252 Resp: 117363

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	8.5	5.2	7.8#

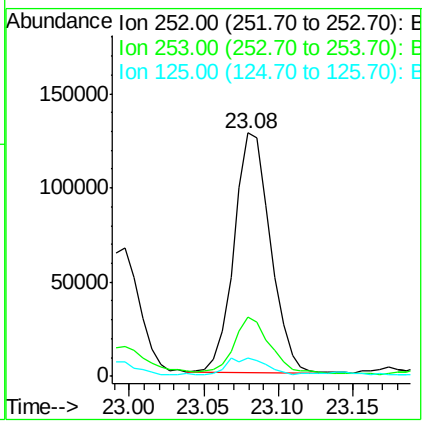




#91
Benzo(a)pyrene
Concen: 2.525 ng/ul
RT: 23.08 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM024568.D
Acq: 21 Jan 2020 18:07

Tgt Ion:252 Resp: 216683

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	7.3	5.7	8.5



Instrument :
BNA_M
ClientSampleId :
GASH0MEDL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:38 AM