Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17RX
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 04 01:24:07 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	7.79	152	195606	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	855193	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	544696	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1124308	20.00	ng/ul	-0.02
78) Chrysene-d12	21.34	240	913817	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	901701	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27469	6.07	ng/uL	0.00
5) Phenol-d5	6.96	99	154429	8.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	270073	28.55	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	352048	25.29	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	261364	18.47	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	203462	30.83	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	225345	31.27	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	418479	29.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	536425	30.77	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1436236	33.97	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1605988	32.90	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	81538	9.76	ng/ul	0.00
58) Fluorene-d10	15.42	176	1230537	34.15	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	232613	31.79	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2082431	37.93	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2231427	45.37	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1842928	39.51	ng/ul	-0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.94	77	27611	3.525	ng/ul#	14
6) Phenol	6.99	94	143632	7.928	ng/ul	99
11) 2-Methylphenol	8.24	108	20570	1.473	ng/ul	94
14) Acetophenone	8.60	105	36569	1.691	ng/ul#	52
16) 4-Methylphenol	8.56	108	107834	6.984	ng/ul	99
17) Hexachloroethane	8.90	117	19468	3.431	ng/ul#	6
24) 2,4-Dimethylphenol	9.76	107	39660	2.471	ng/ul	98
28) Naphthalene	10.63	128	926916	20.069	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	442547	12.780	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	273214	8.261	ng/ul	99
45) Dimethylphthalate	13.89	163	53585	1.234	ng/ul	98
70) Phenanthrene	17.21	178	132773	1.979	ng/ul	99
72) Anthracene	17.21	178	132868	1.943	ng/ul	99

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 04 01:24:07 2019
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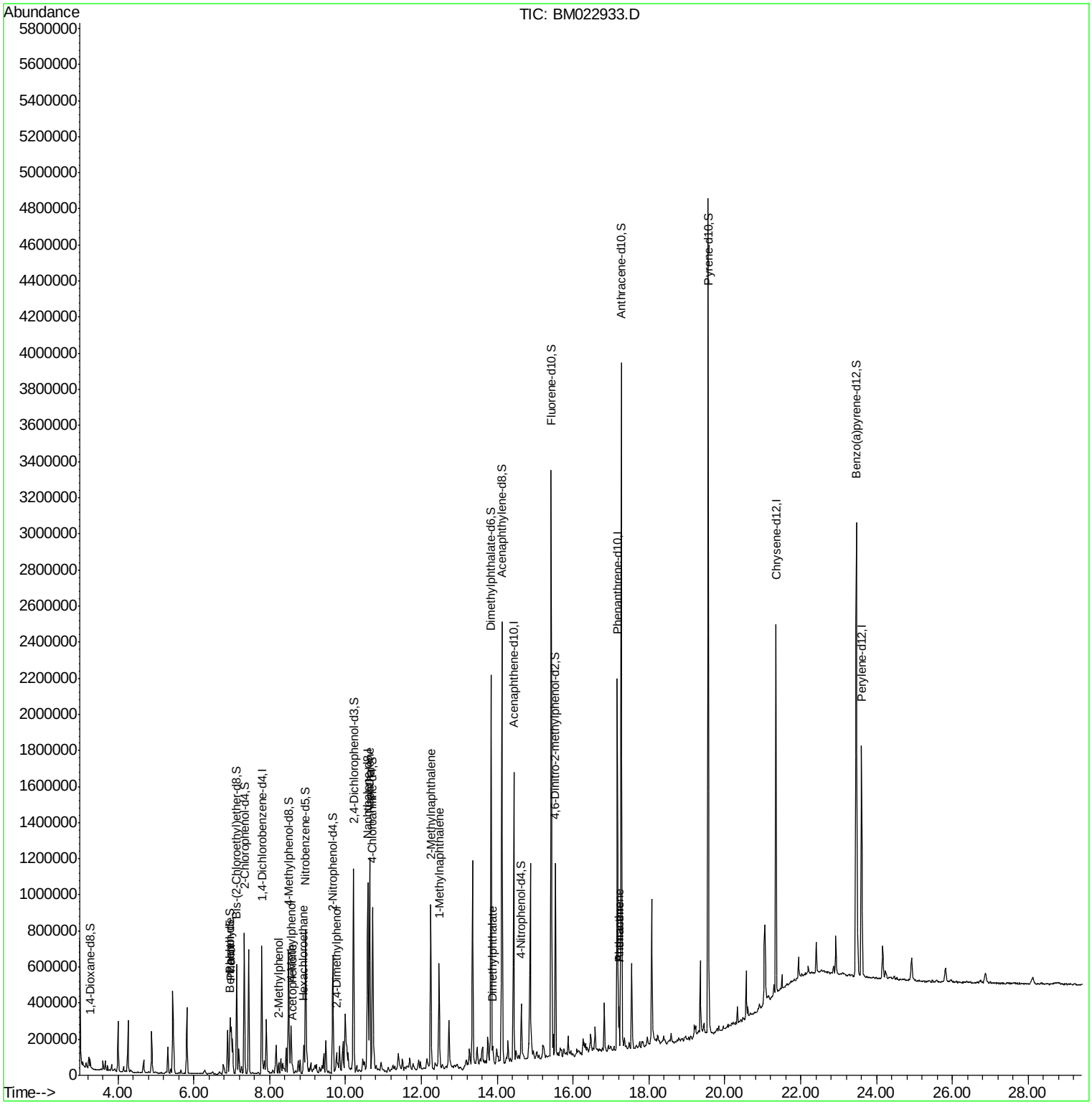
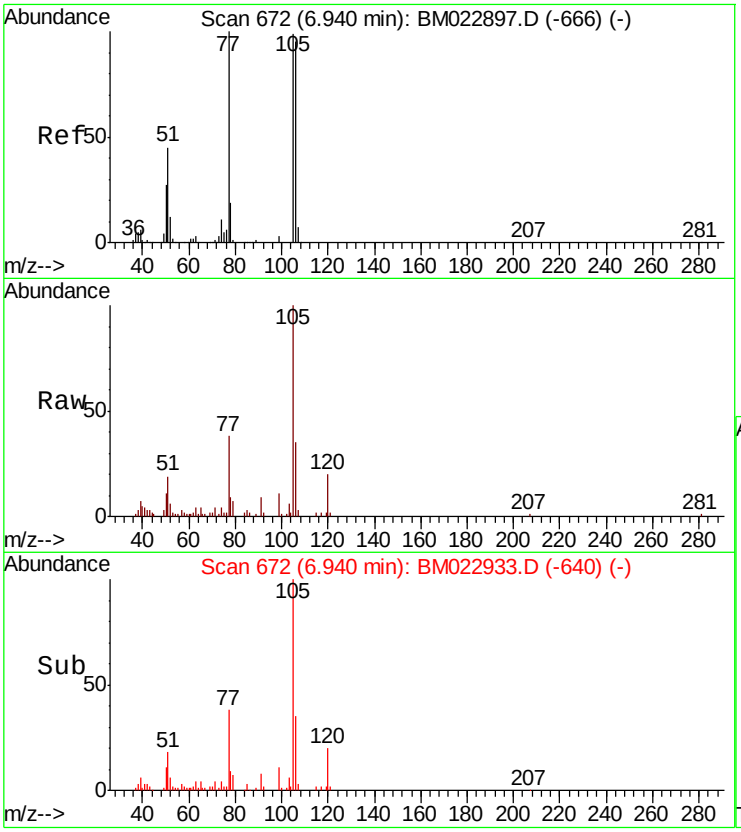
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



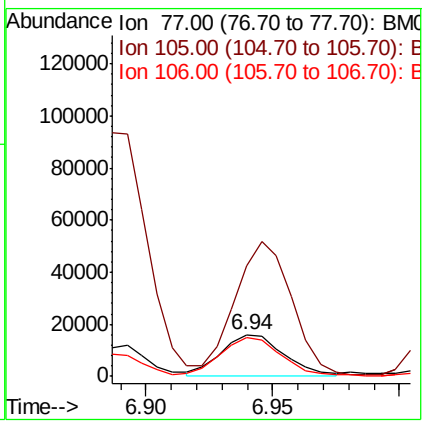


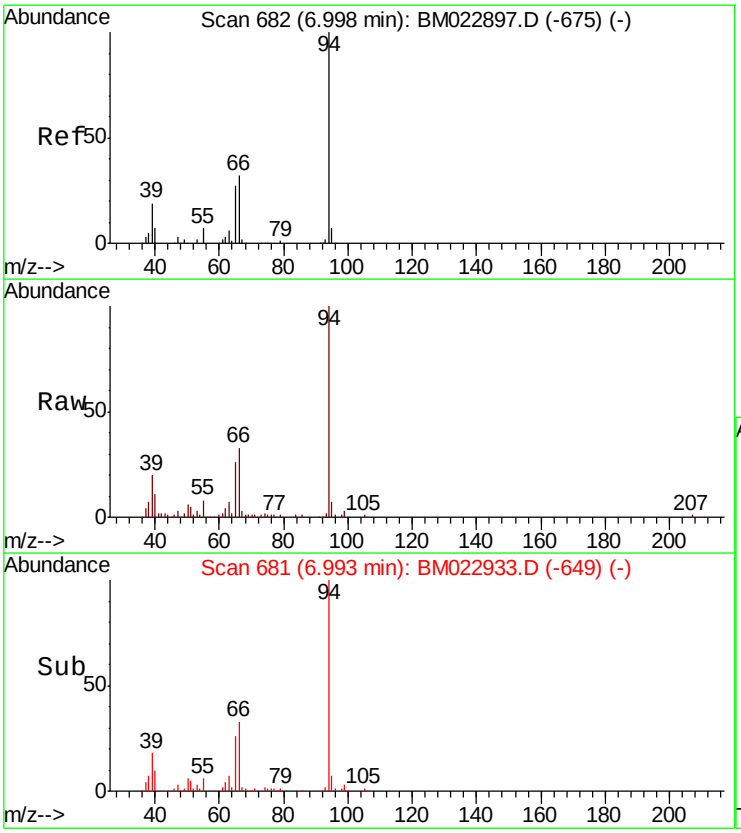
#4
Benzaldehyde
Concen: 3.525 ng/ul
RT: 6.94 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 27611

Ion	Ratio	Lower	Upper
77	100		
105	264.7	80.6	120.8#
106	91.7	77.0	115.6

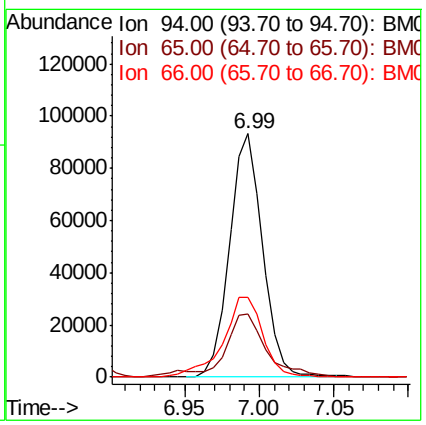


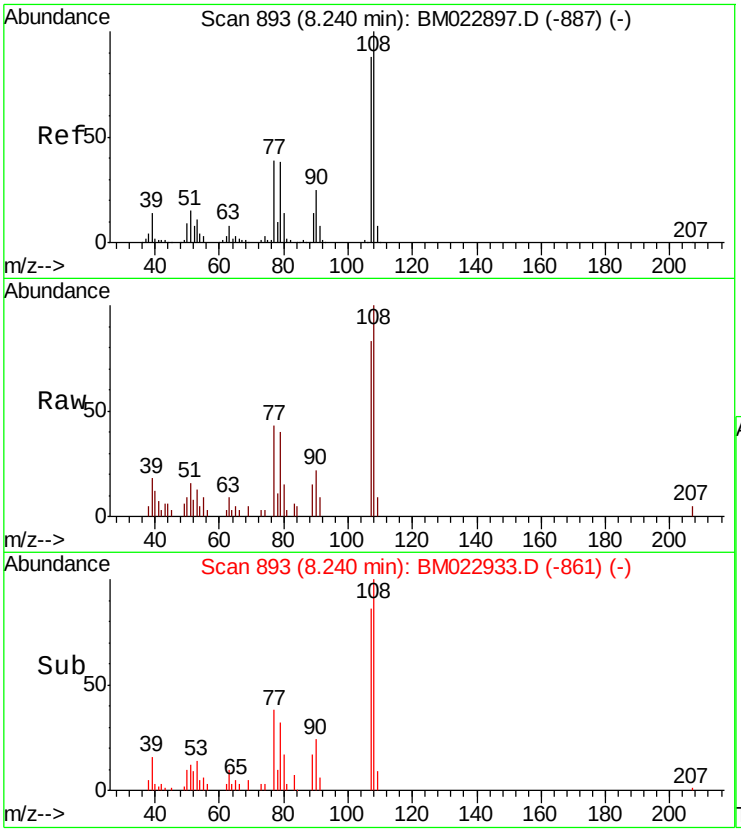


#6
Phenol
Concen: 7.928 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion: 94 Resp: 143632

Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.9	31.3
66	33.0	27.2	40.8



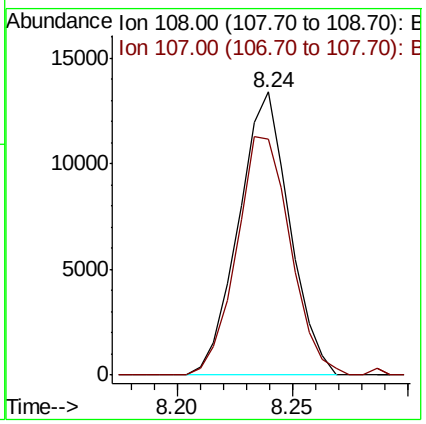


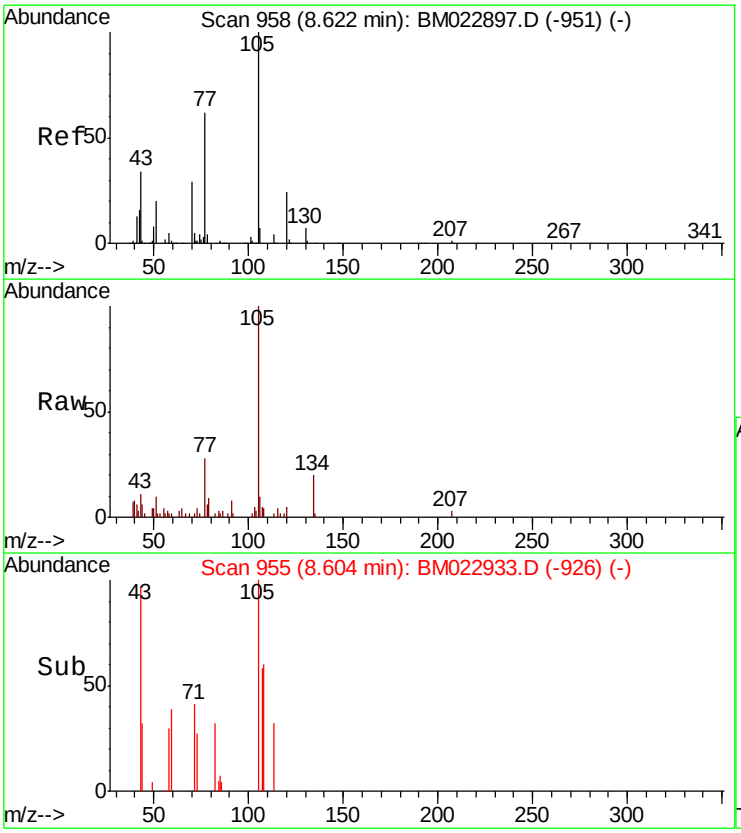
#11
2-Methylphenol
Concen: 1.473 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 20570

Ion	Ratio	Lower	Upper
108	100		
107	83.5	71.0	106.4

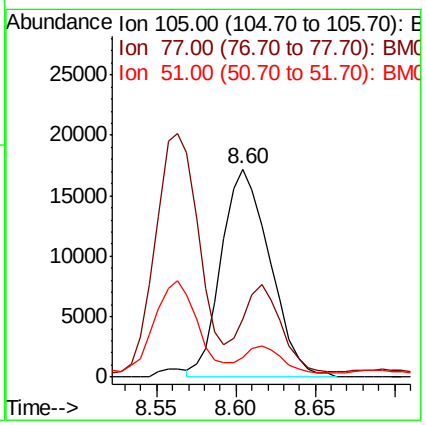


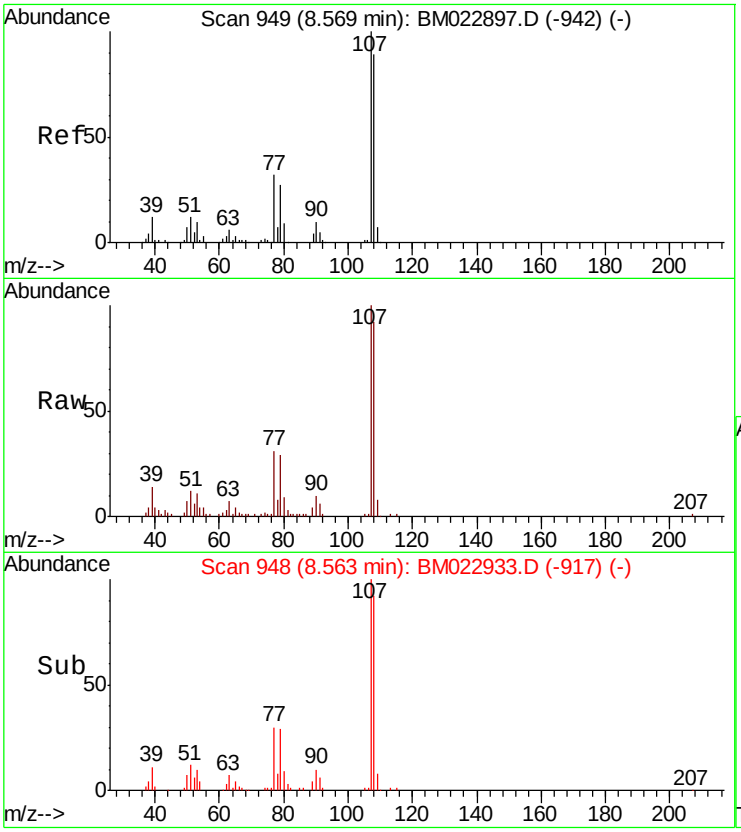


#14
Acetophenone
Concen: 1.691 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:105 Resp: 36569

Ion	Ratio	Lower	Upper
105	100		
77	28.0	59.4	89.0#
51	9.6	19.4	29.0#



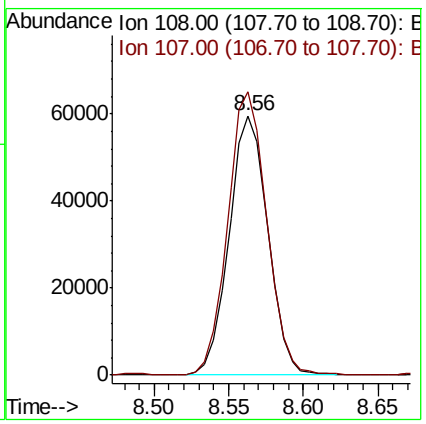


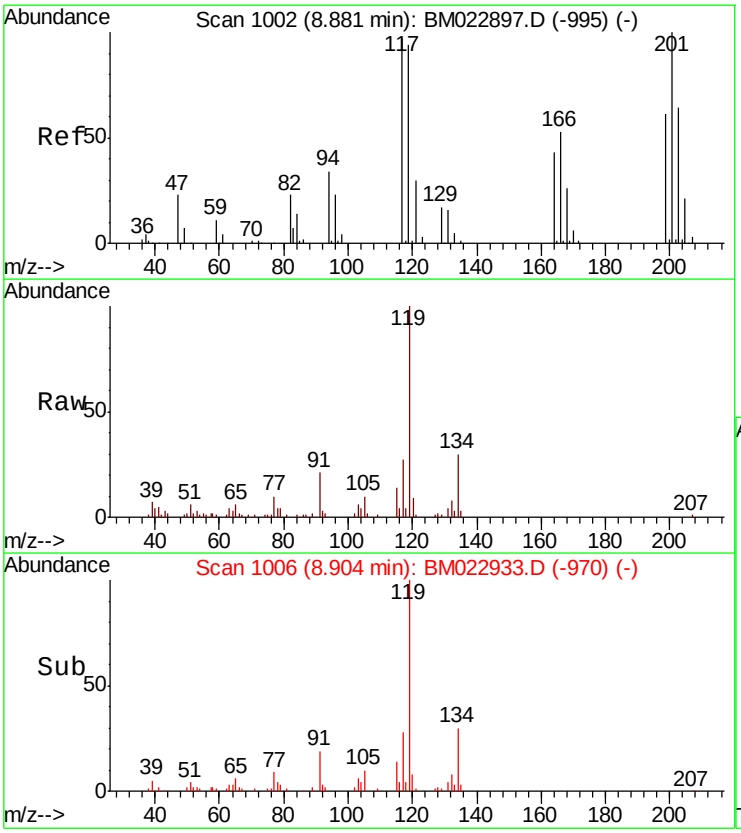
#16
4-Methylphenol
Concen: 6.984 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 107834

Ion	Ratio	Lower	Upper
108	100		
107	109.2	87.9	131.9

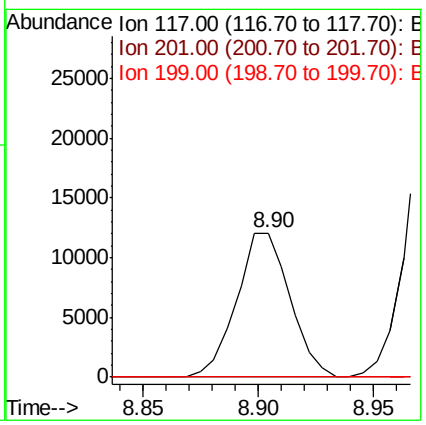


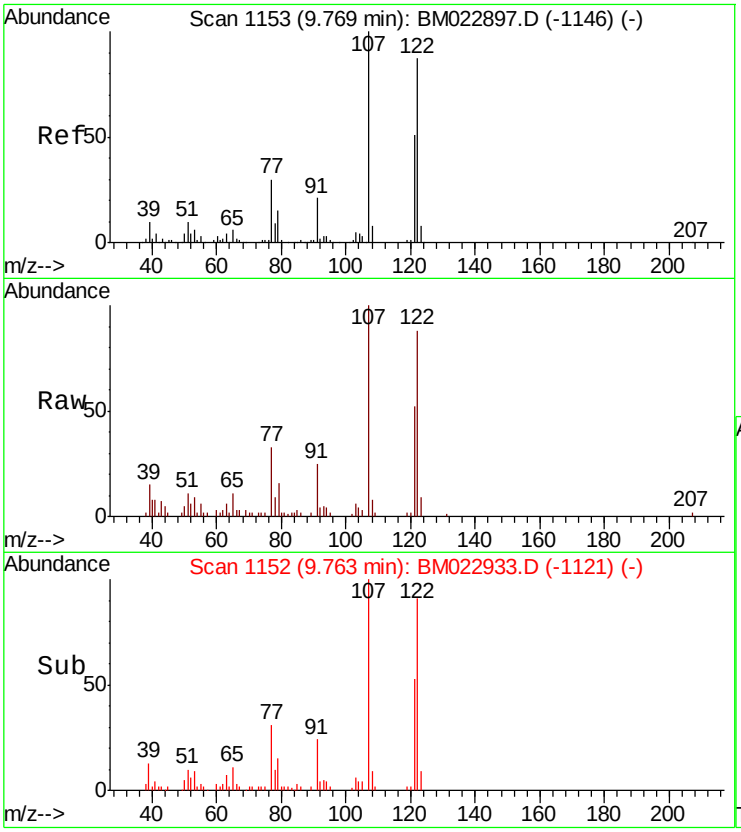


#17
Hexachloroethane
Concen: 3.431 ng/ul
RT: 8.90 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:117 Resp: 19468

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



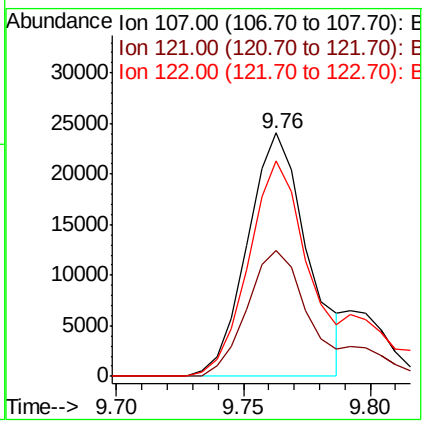


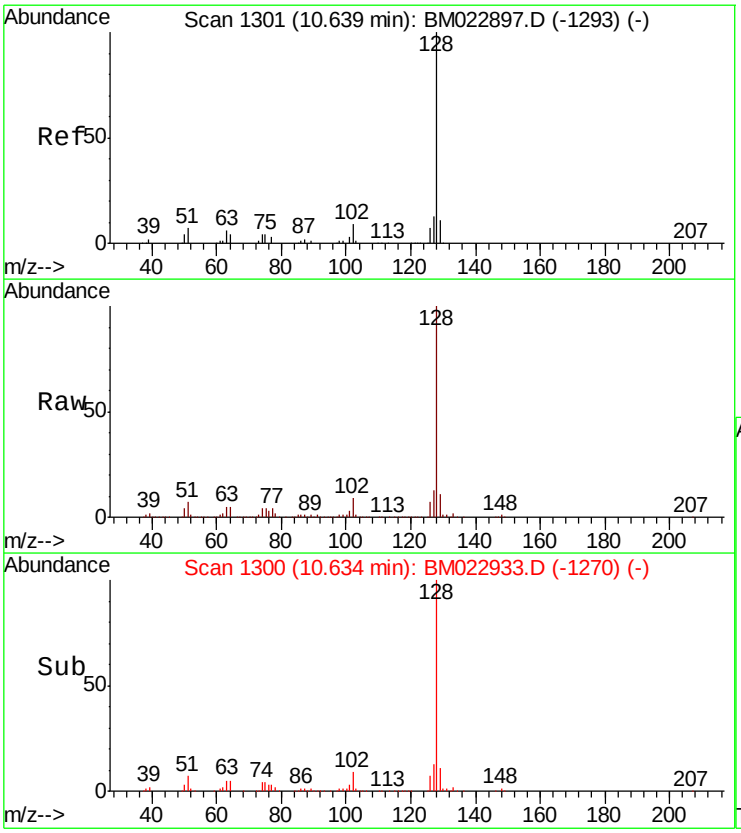
#24
2,4-Dimethylphenol
Concen: 2.471 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 39660

Ion	Ratio	Lower	Upper
107	100		
121	51.6	43.0	64.4
122	88.4	71.4	107.0

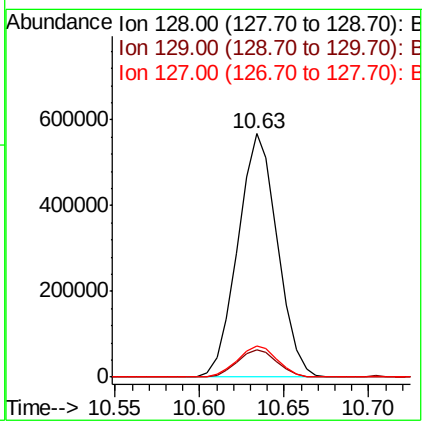


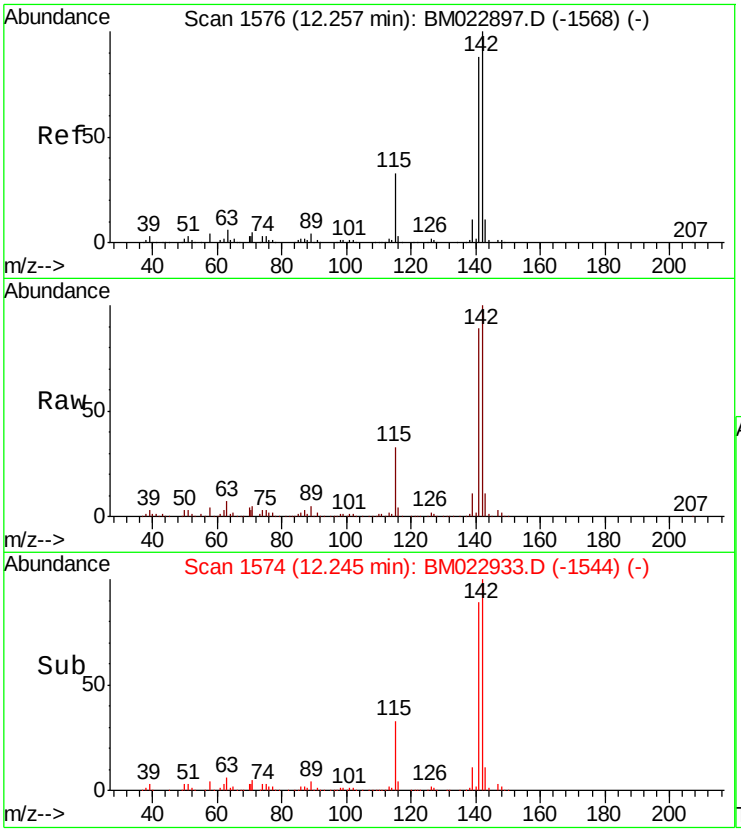


#28
Naphthalene
Concen: 20.069 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:128 Resp: 926916

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



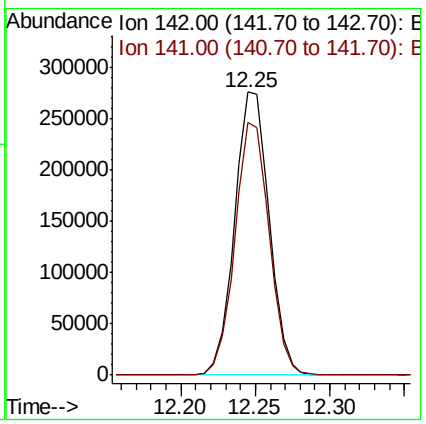


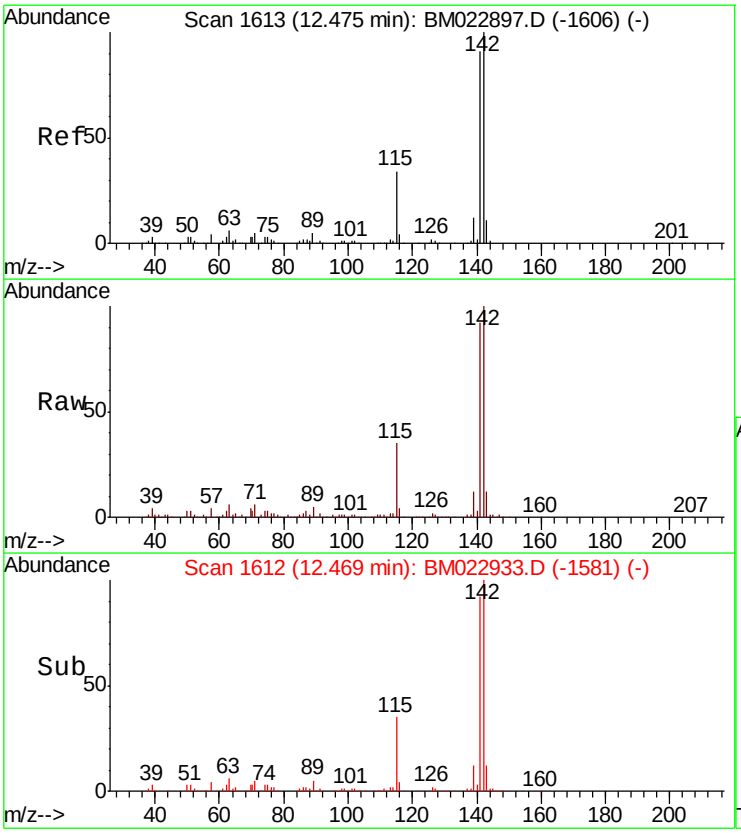
#34
2-Methylnaphthalene
Concen: 12.780 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 442547

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8

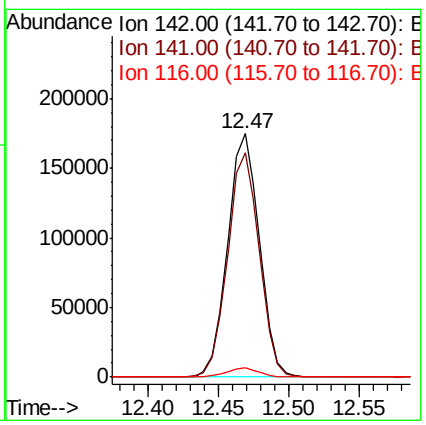


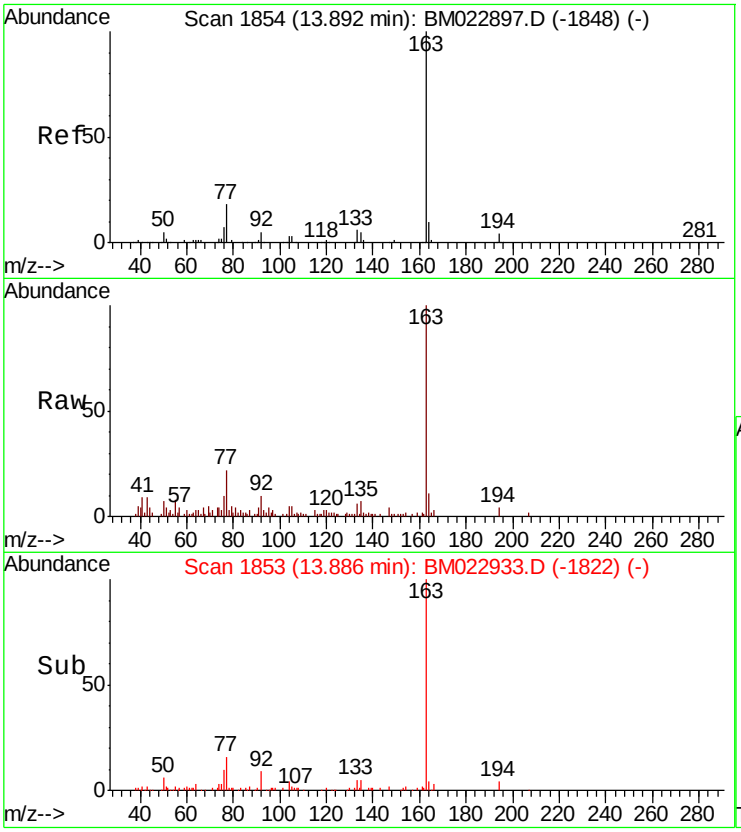


#35
1-Methylnaphthalene
Concen: 8.261 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:142 Resp: 273214

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6
116	3.7	2.9	4.3



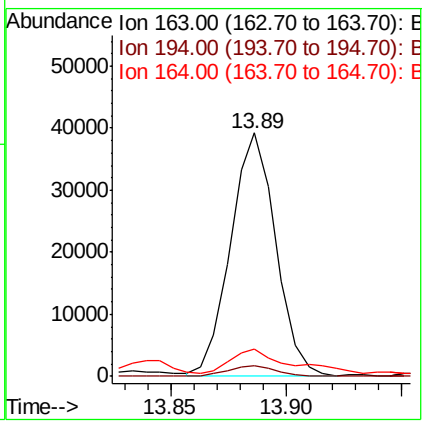


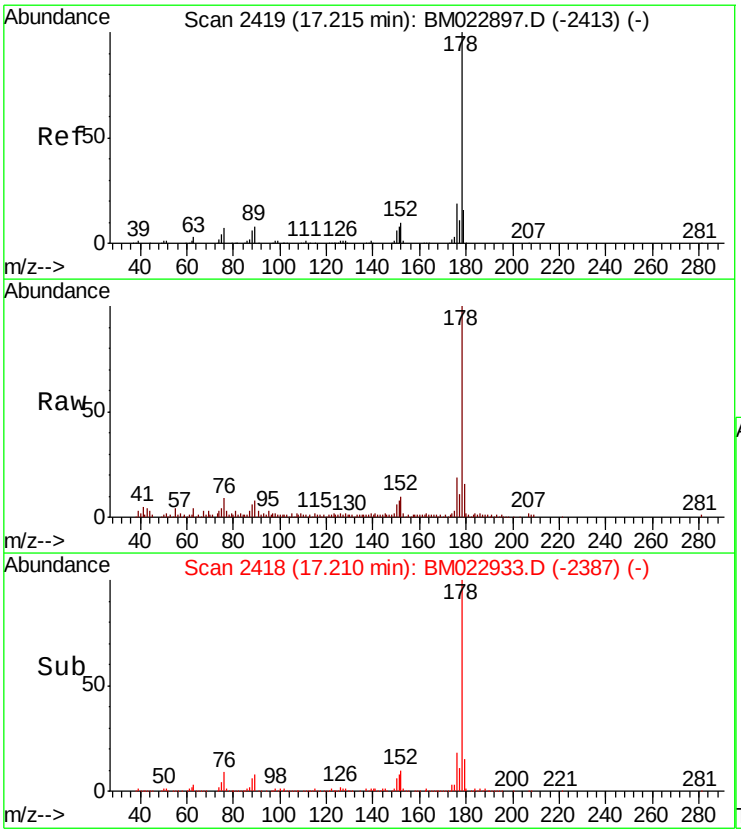
#45
Dimethylphthalate
Concen: 1.234 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 53585

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.0	8.1	12.1

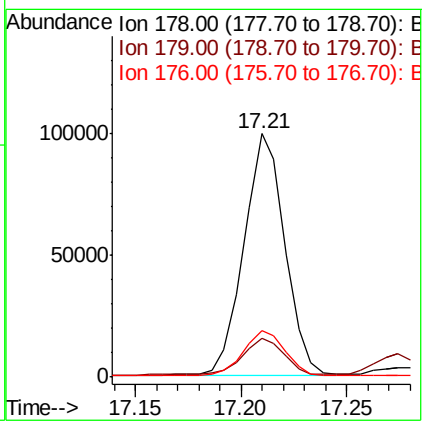


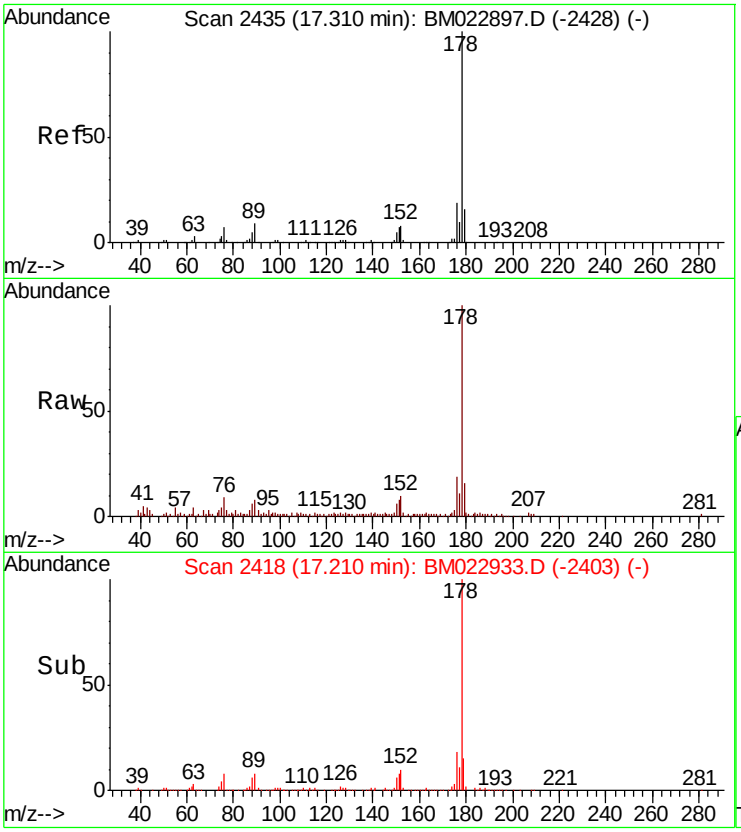


#70
Phenanthrene
Concen: 1.979 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:178 Resp: 132773

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.8	15.3	22.9





#72
Anthracene
Concen: 1.943 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.11 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 132868

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.8	15.0	22.6