Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022891.D
Acq On : 02 Oct 2019 14:04
Operator : JU
Sample : K4983-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 03 00:58:28 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	226451	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1008698	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	605562	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1092534	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	791112	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	856940	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	24986	4.77	ng/uL	0.00
5) Phenol-d5	6.97	99	130122	6.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	295424	26.98	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	363067	22.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	243861	14.89	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	219818	28.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	242201	28.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	445976	26.35	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	389938	18.96	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1423855	30.30	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1580976	29.14	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.64	143	59162	6.37	ng/ul	0.00
58) Fluorene-d10	15.43	176	1168764	29.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	183756	25.85	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1722482	32.29	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1641025	38.54	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1471317	33.19	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	9294	1.794	ng/uL#	1
4) Benzaldehyde	6.95	77	20397	2.249	ng/ul#	1
6) Phenol	7.00	94	45551	2.172	ng/ul	99
14) Acetophenone	8.61	105	40465	1.616	ng/ul#	46
17) Hexachloroethane	8.91	117	25874	3.939	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	208337	11.006	ng/ul	99
28) Naphthalene	10.64	128	636844	11.690	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	321645	7.875	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	222091	5.693	ng/ul	99
45) Dimethylphthalate	13.89	163	1001972	20.754	ng/ul	99
50) Acenaphthene	14.50	153	167980	4.116	ng/ul	99
59) Fluorene	15.48	166	55116	1.170	ng/ul#	98
70) Phenanthrene	17.22	178	113112	1.735	ng/ul	97
72) Anthracene	17.22	178	113738	1.712	ng/ul	97
80) Pyrene	19.59	202	100274	1.788	ng/ul#	95

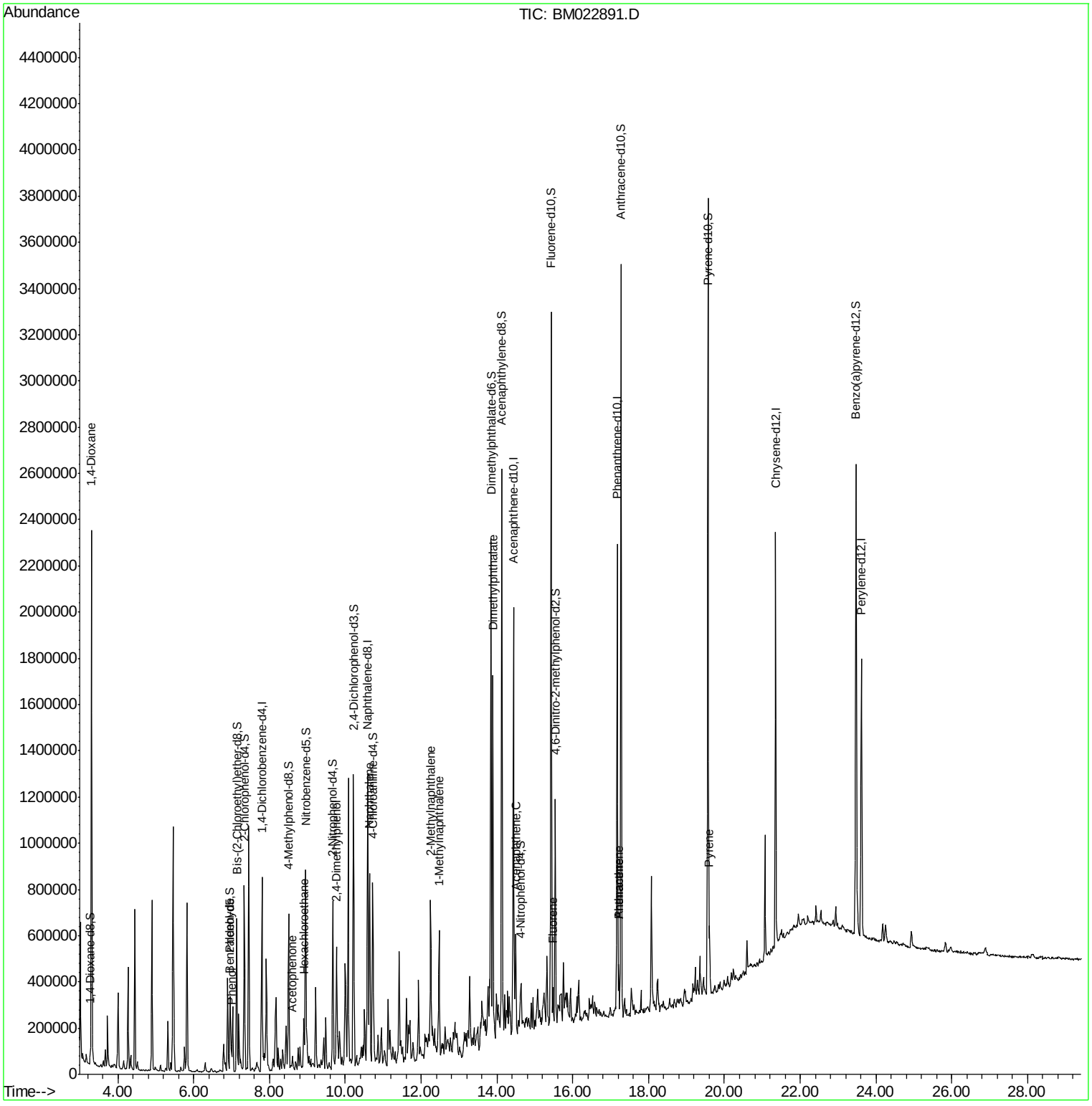
(#) = qualifier out of range (m) = manual integration (+) = signals summed

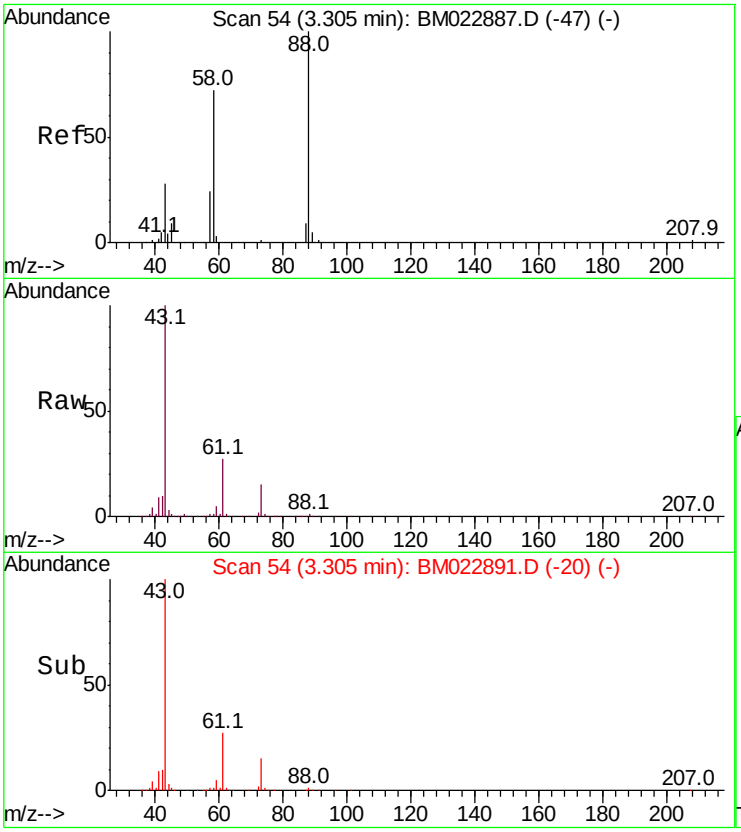
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022891.D
Acq On : 02 Oct 2019 14:04
Operator : JU
Sample : K4983-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 03 00:58:28 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



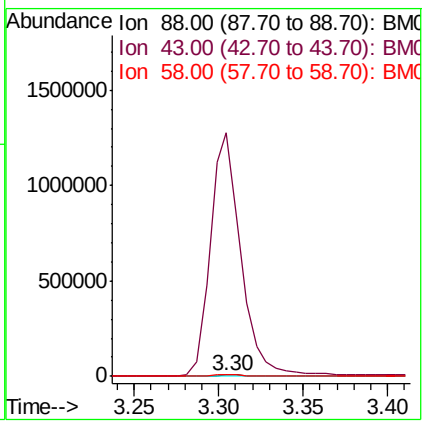


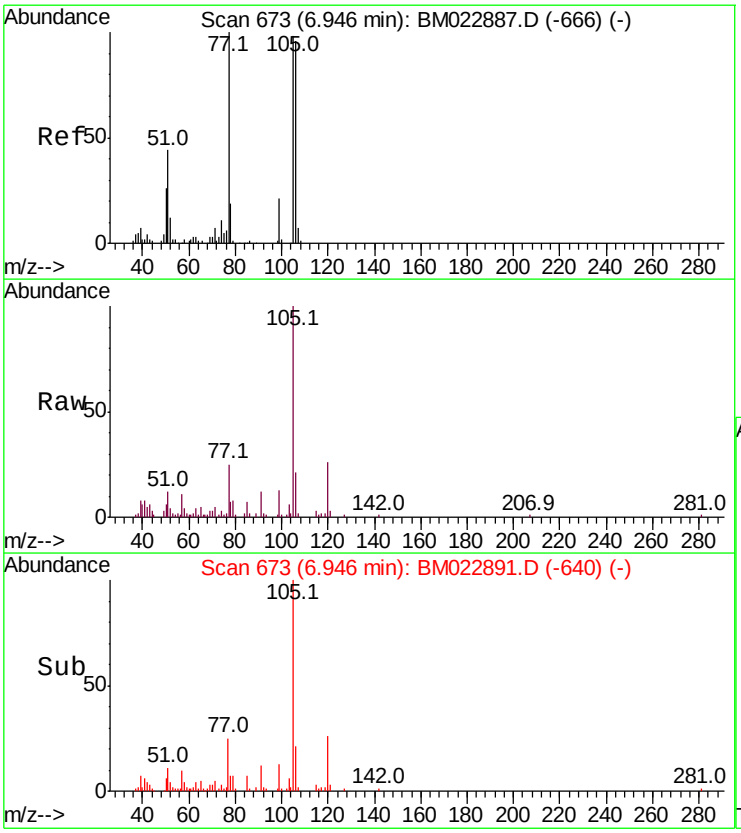
#2
1,4-Dioxane
Concen: 1.794 ng/uL
RT: 3.30 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 9294

Ion	Ratio	Lower	Upper
88	100		
43	17775.2	25.3	37.9#
58	122.7	56.6	84.8#

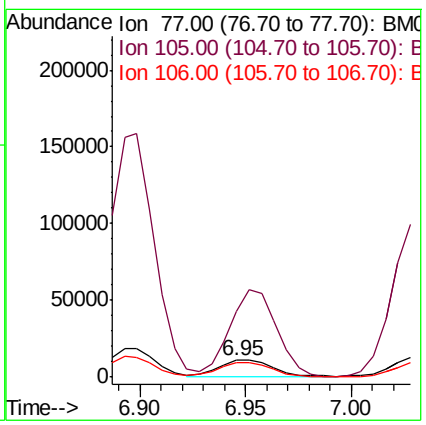


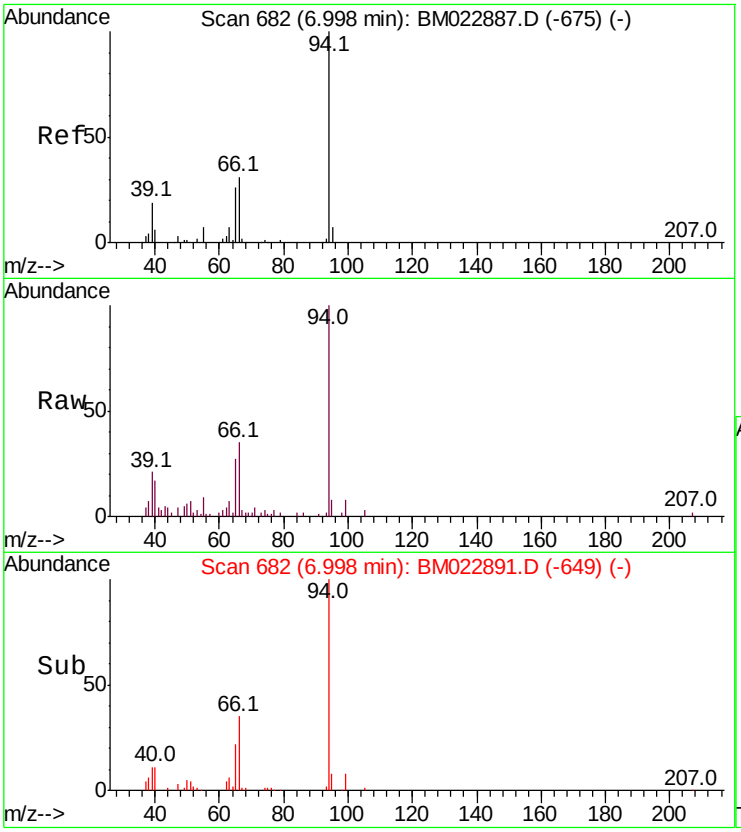


#4
Benzaldehyde
Concen: 2.249 ng/ul
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion: 77 Resp: 20397

Ion	Ratio	Lower	Upper
77	100		
105	393.0	80.6	120.8#
106	84.1	77.0	115.6



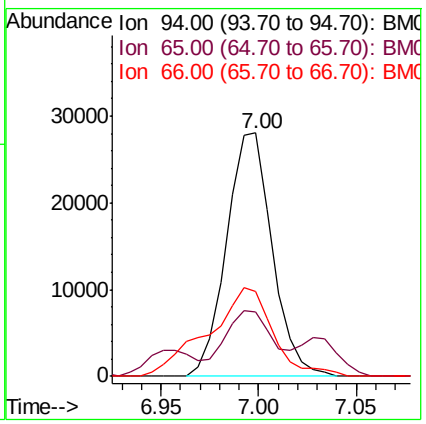


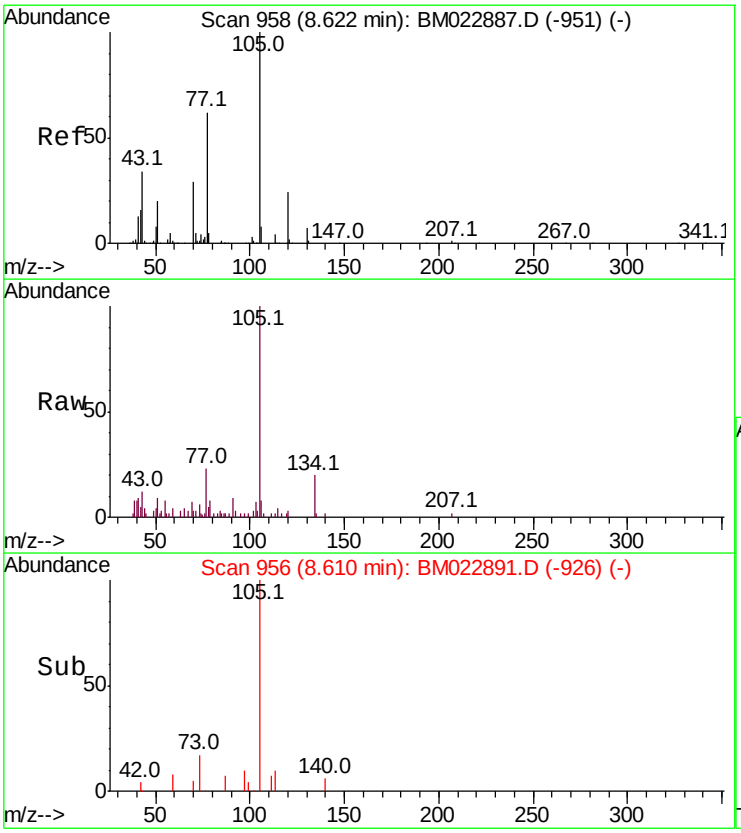
#6
Phenol
Concen: 2.172 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 45551

Ion	Ratio	Lower	Upper
94	100		
65	26.5	20.9	31.3
66	34.9	27.2	40.8

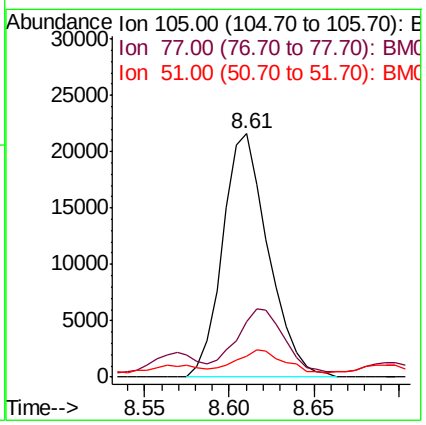


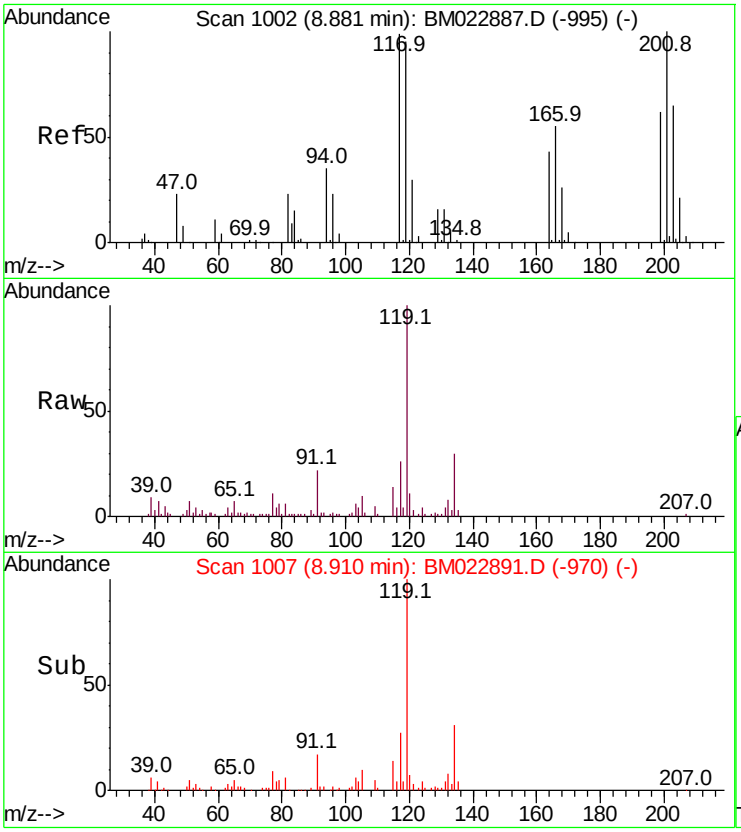


#14
Acetophenone
Concen: 1.616 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:105 Resp: 40465

Ion	Ratio	Lower	Upper
105	100		
77	22.7	59.4	89.0#
51	8.6	19.4	29.0#



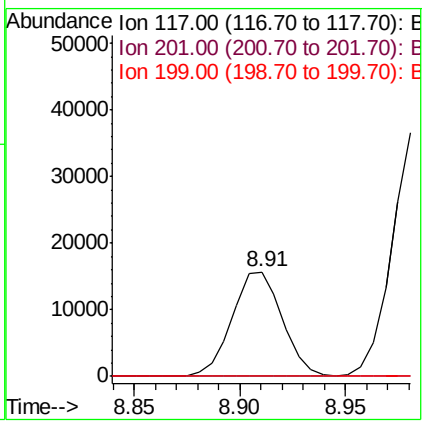


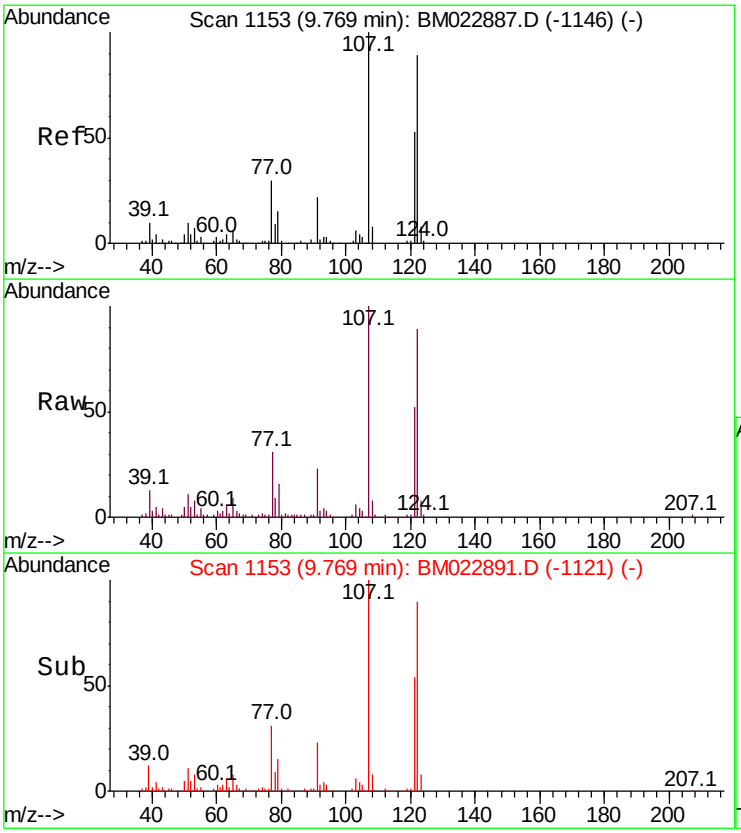
#17
Hexachloroethane
Concen: 3.939 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 25874

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

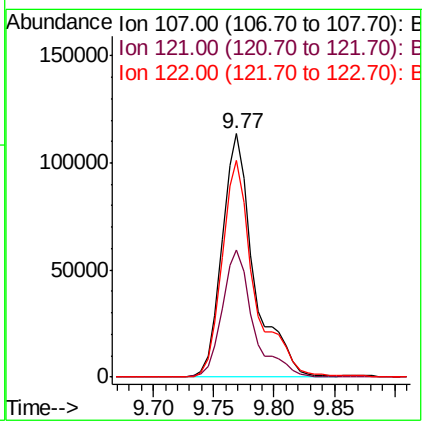


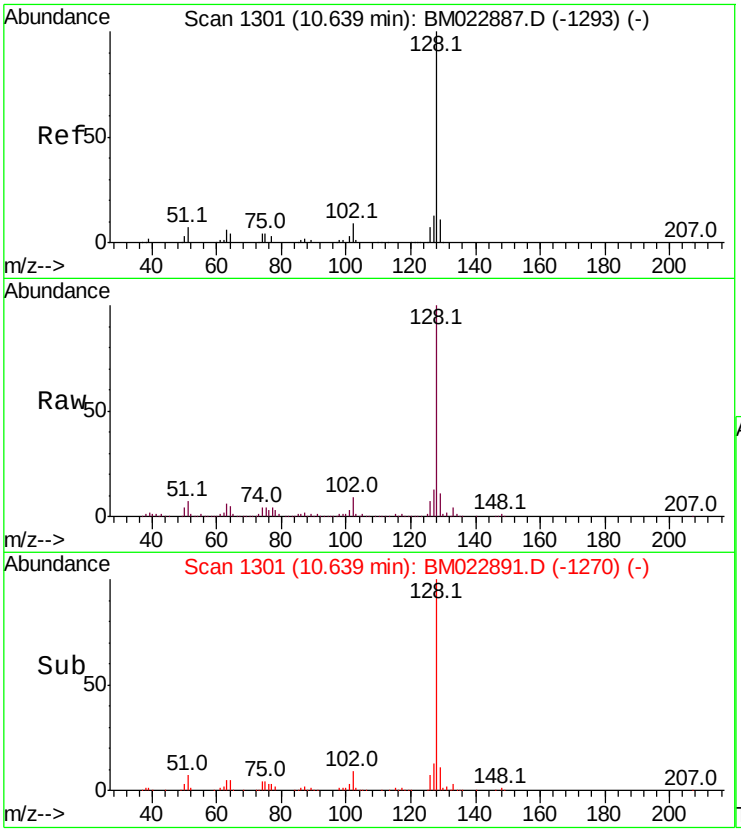


#24
2,4-Dimethylphenol
Concen: 11.006 ng/ul
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:107 Resp: 208337

Ion	Ratio	Lower	Upper
107	100		
121	52.4	43.0	64.4
122	89.0	71.4	107.0



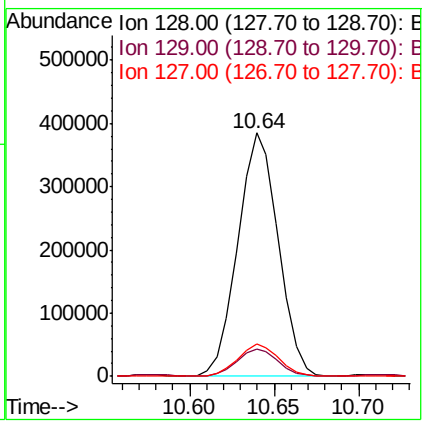


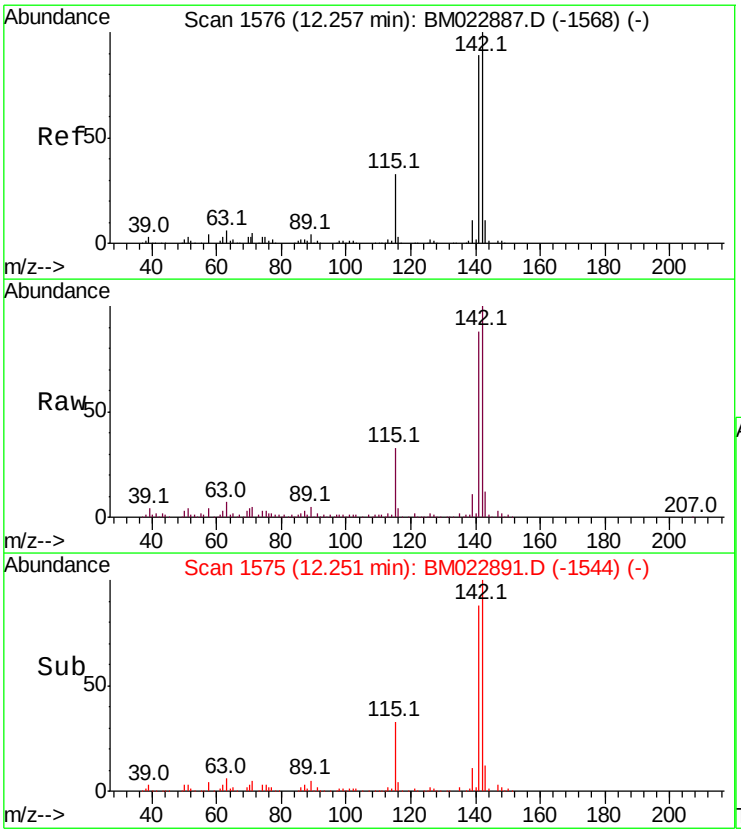
#28
Naphthalene
Concen: 11.690 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 636844

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4

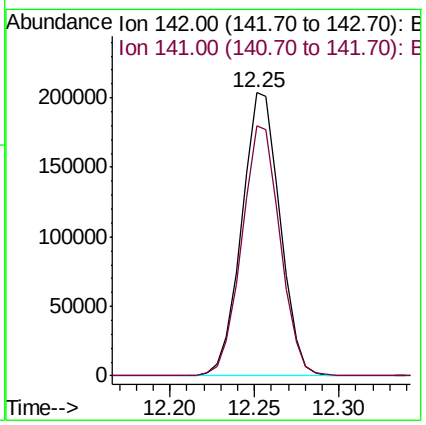


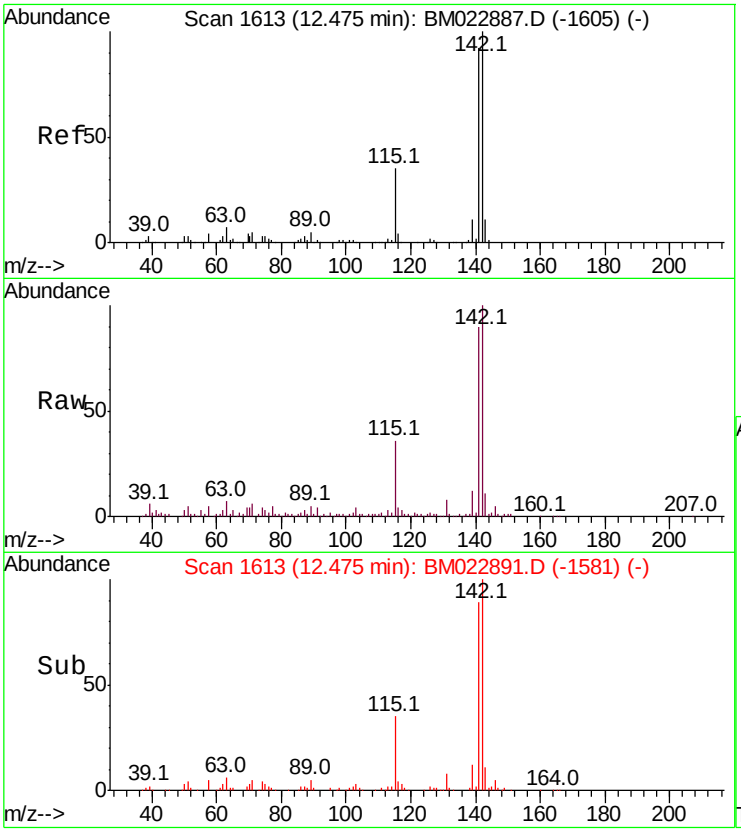


#34
2-Methylnaphthalene
Concen: 7.875 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:142 Resp: 321645

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8



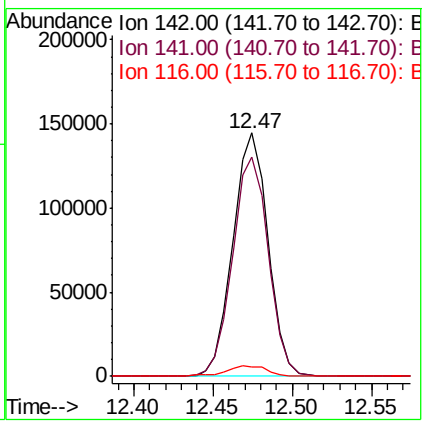


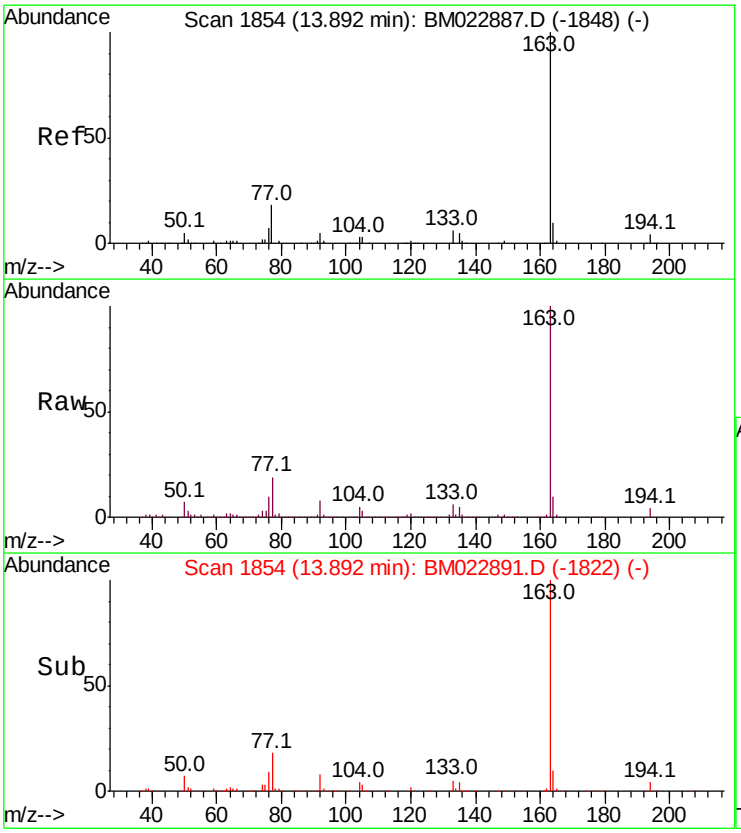
#35
1-Methylnaphthalene
Concen: 5.693 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 222091

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6
116	4.0	2.9	4.3

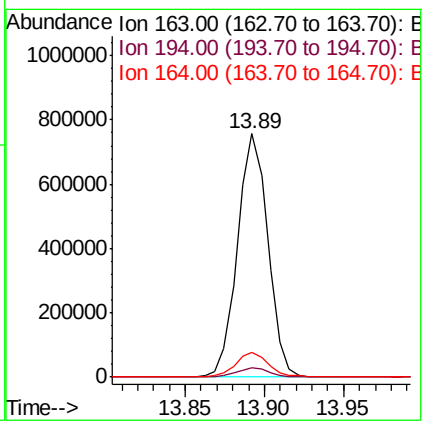


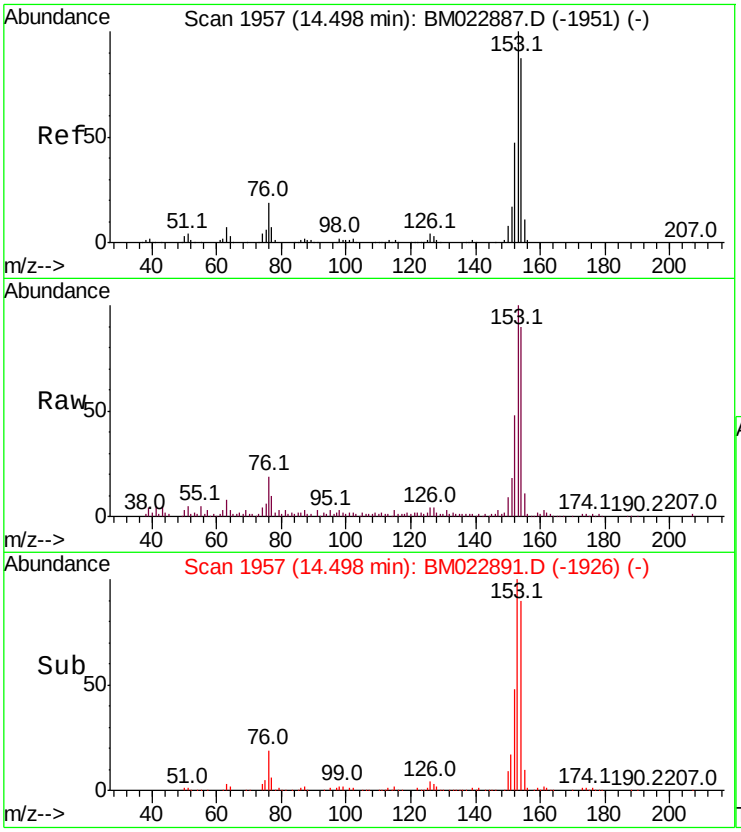


#45
Dimethylphthalate
Concen: 20.754 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:163 Resp: 1001972

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.1	12.1



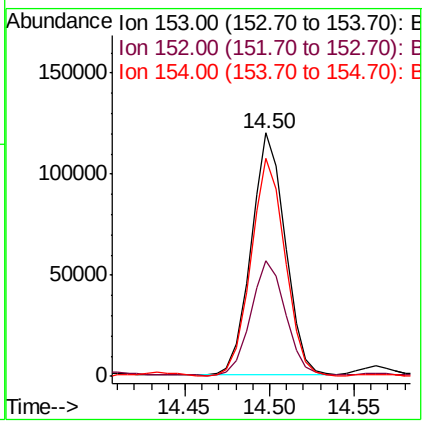


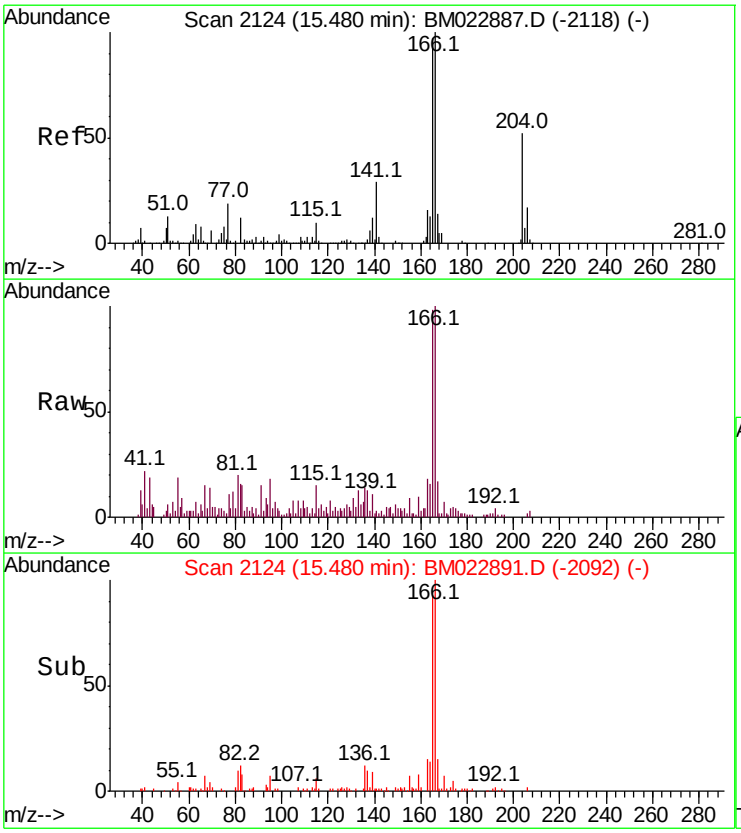
#50
Acenaphthene
Concen: 4.116 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 167980

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.1	57.1
154	89.6	71.1	106.7

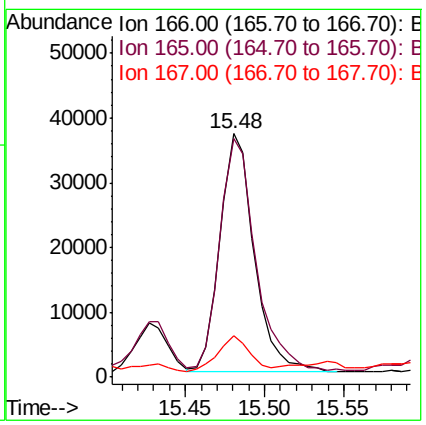


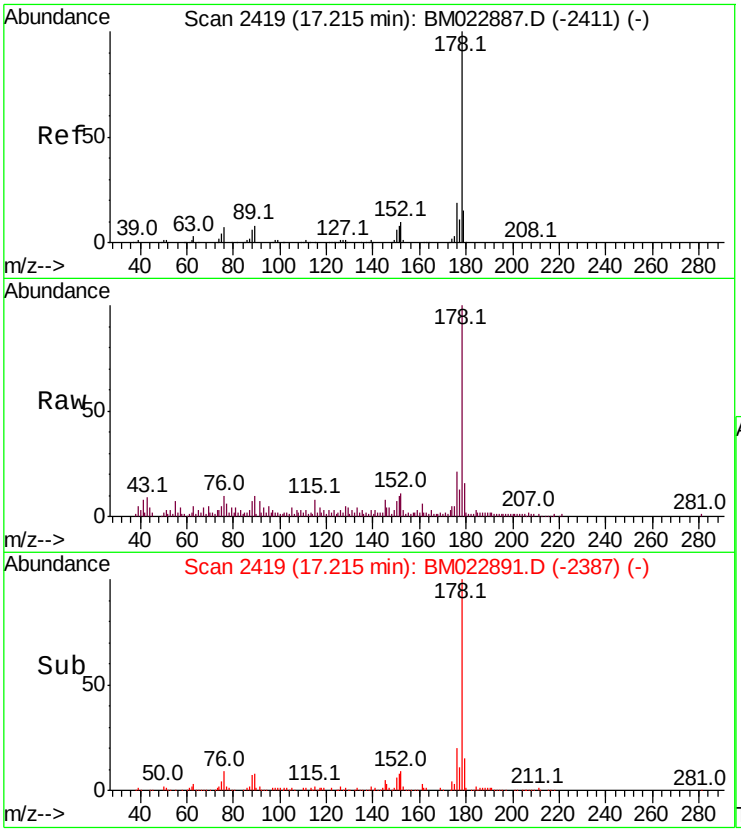


#59
Fluorene
Concen: 1.170 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:166 Resp: 55116

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	16.8	11.0	16.4#



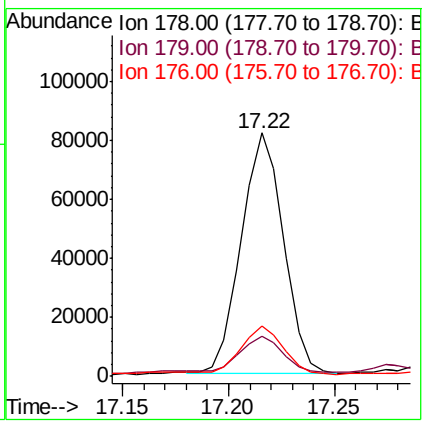


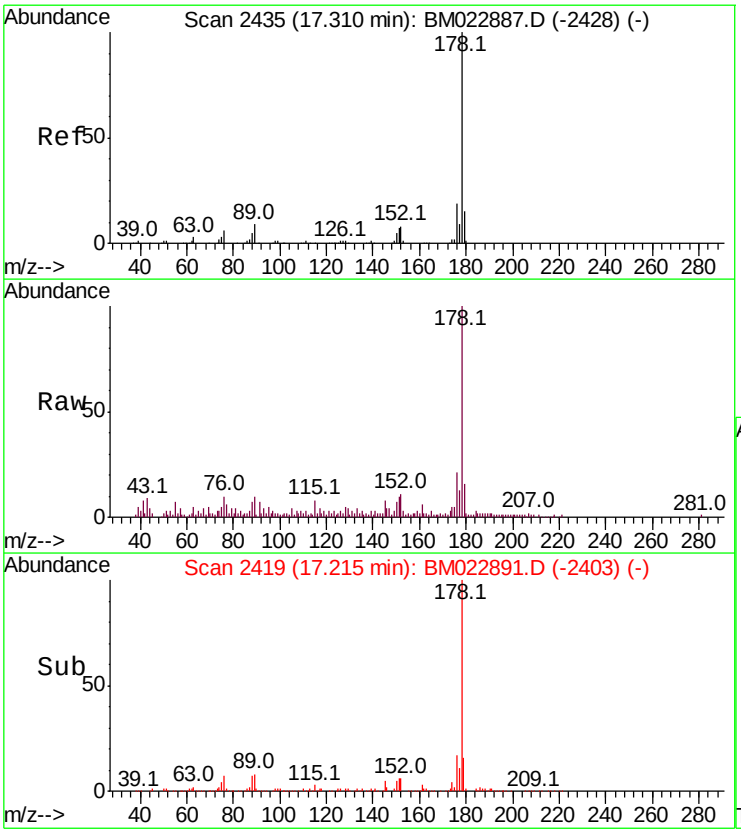
#70
Phenanthrene
Concen: 1.735 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 113112

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	20.5	15.3	22.9

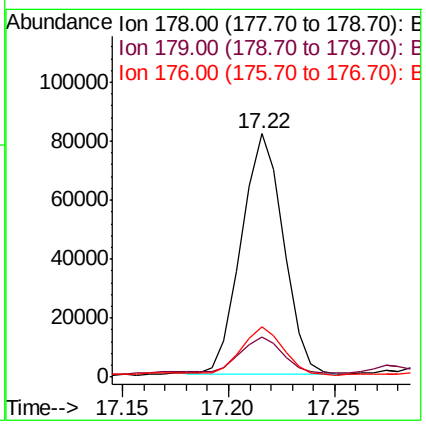


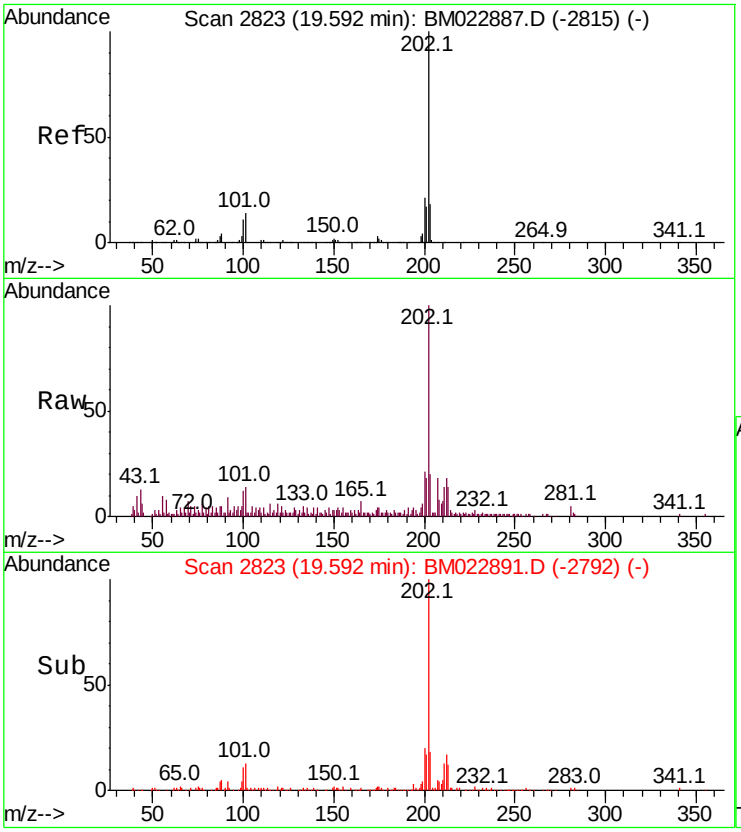


#72
Anthracene
Concen: 1.712 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.11 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Tgt Ion:178 Resp: 113738

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	20.5	15.0	22.6





#80
Pyrene
Concen: 1.788 ng/ul
RT: 19.59 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM022891.D
Acq: 02 Oct 2019 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 100274

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.7	14.5
100	11.8	7.8	11.8#