Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023305.D
Acq On : 20 Oct 2019 02:26
Operator : JU
Sample : K5344-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L5

Quant Time: Oct 20 03:18:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	447100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1755545	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1076861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2200540	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2334915	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2834370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	46963	4.62	ng/uL	0.00
5) Phenol-d5	6.82	99	155827	4.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	399939	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	471787	15.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	294580	9.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	266123	22.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	278062	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	560772	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	8788	0.25	ng/ul	-0.01
44) Dimethylphthalate-d6	13.71	166	1859159	22.53	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2099544	21.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	64772	4.85	ng/ul	0.00
58) Fluorene-d10	15.29	176	1641368	23.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	248048	28.43	ng/ul	0.00
71) Anthracene-d10	17.14	188	2627086	24.76	ng/ul	0.00
79) Pyrene-d10	19.43	212	2964311	26.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3639913	25.33	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.62	107	60110	1.737	ng/ul	98
28) Naphthalene	10.48	128	792181	8.730	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	203490	3.014	ng/ul	96
45) Dimethylphthalate	13.76	163	244049	2.955	ng/ul	99
50) Acenaphthene	14.36	153	210309	3.052	ng/ul	98
70) Phenanthrene	17.08	178	229708	1.860	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	101384	1.253	ng/ul	99

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

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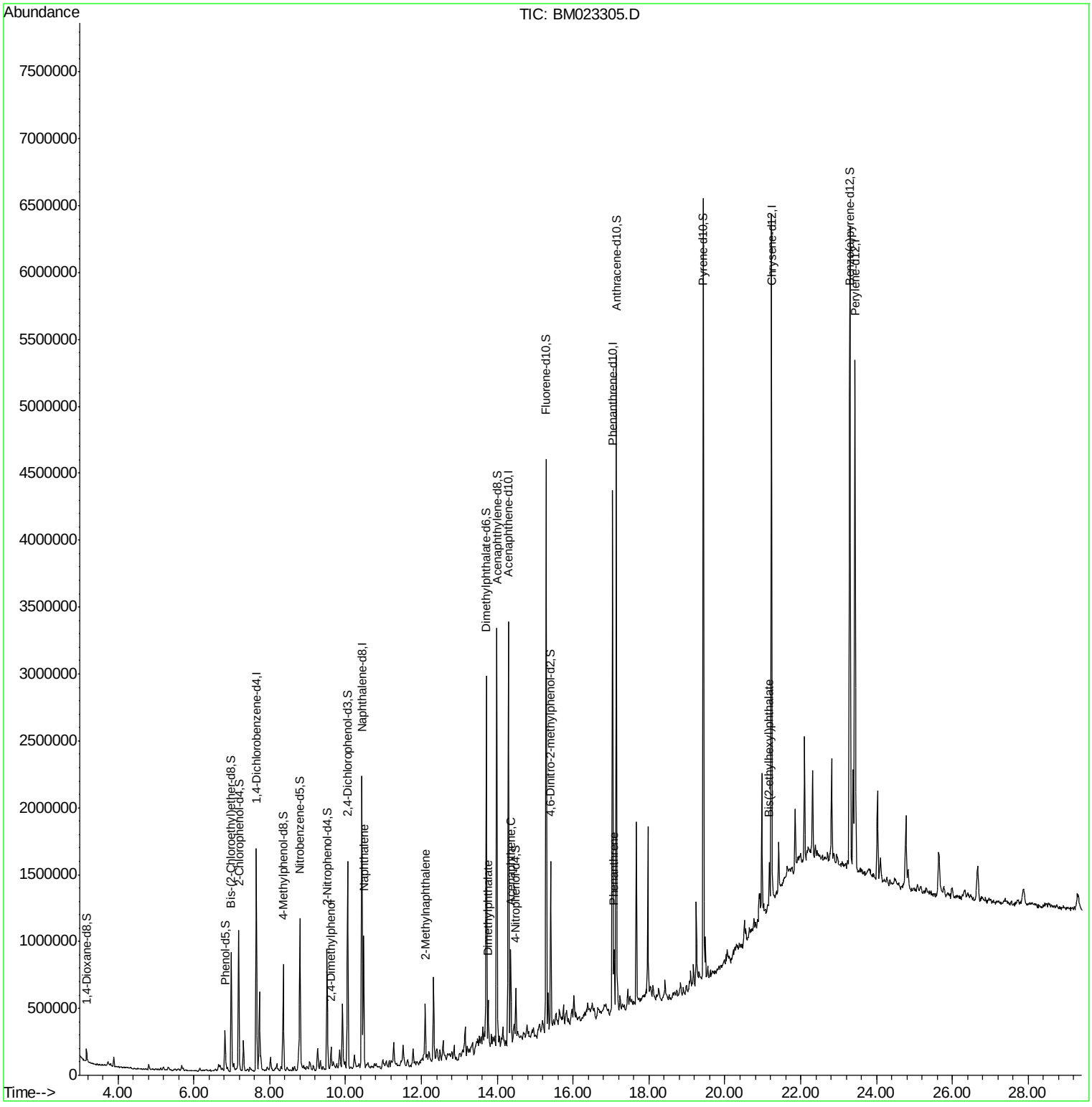
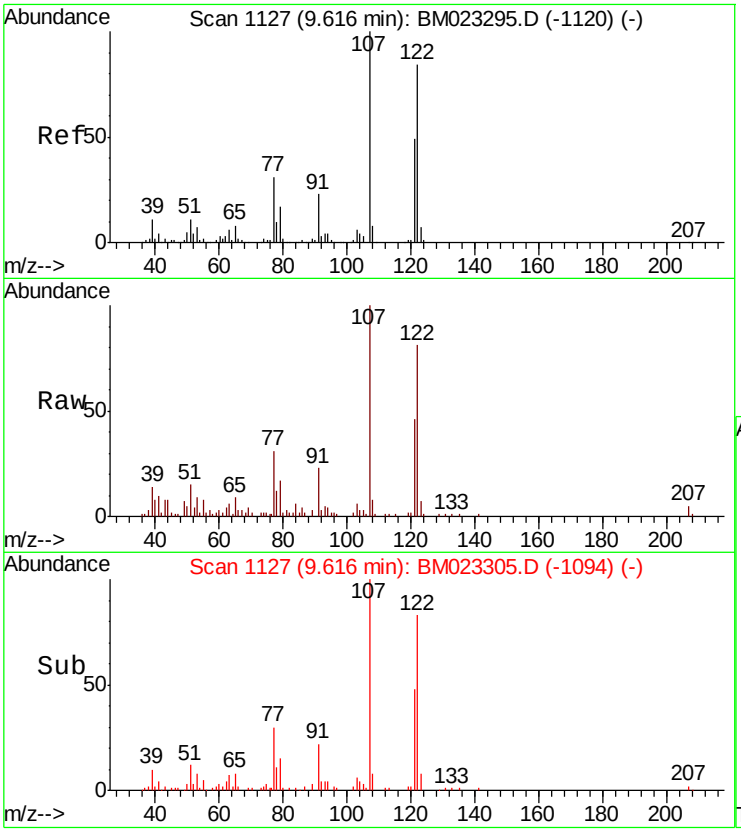


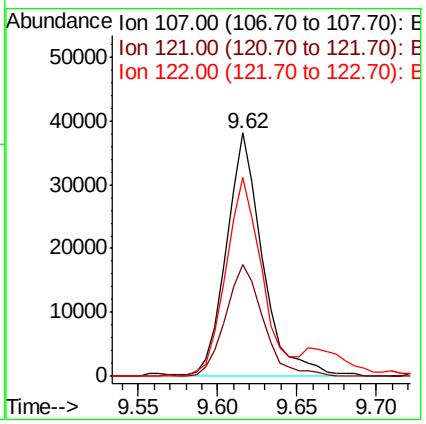


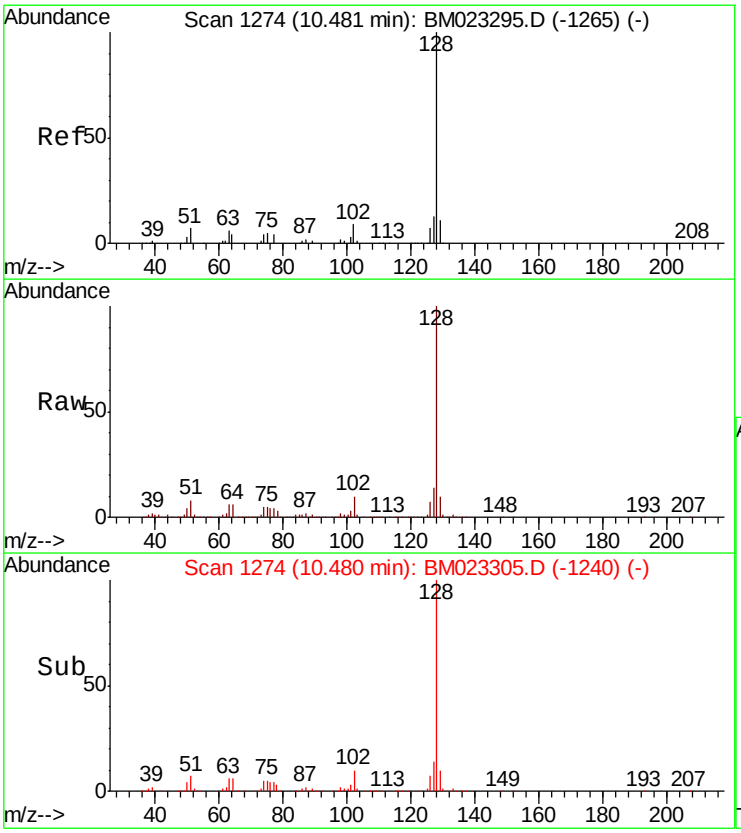
#24
2,4-Dimethylphenol
Concen: 1.737 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Instrument :
BNA_M
ClientSampleId :
BF6L5

Tgt Ion:107 Resp: 60110

Ion	Ratio	Lower	Upper
107	100		
121	46.0	39.0	58.4
122	81.4	64.7	97.1

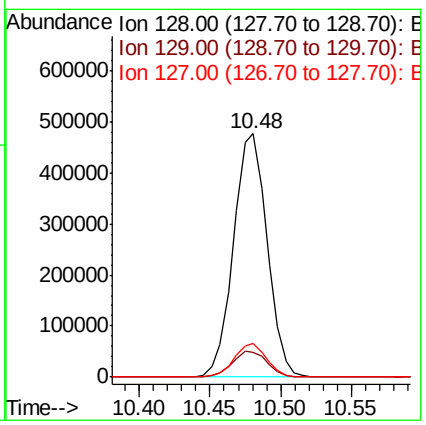


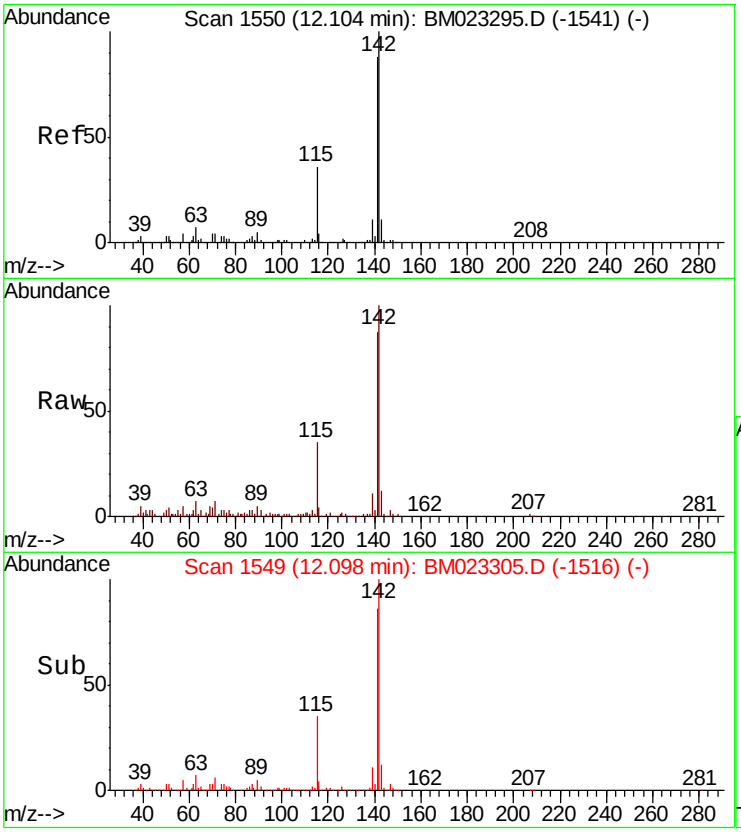


#28
Naphthalene
Concen: 8.730 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Tgt Ion:128 Resp: 792181

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	13.7	10.2	15.4



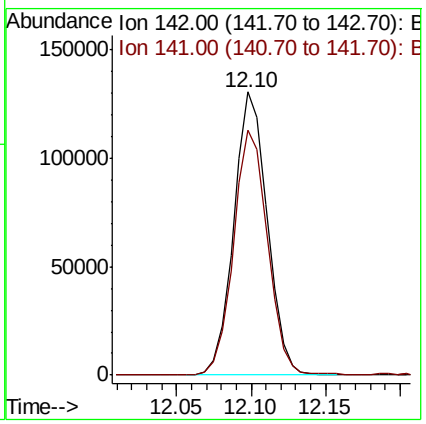


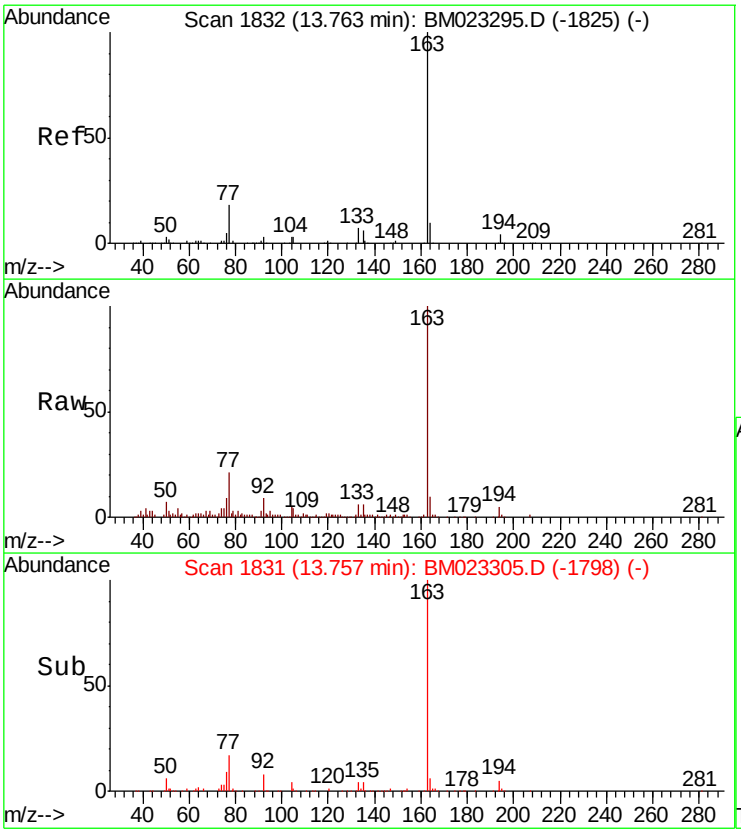
#34
2-Methylnaphthalene
Concen: 3.014 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Instrument :
BNA_M
ClientSampleId :
BF6L5

Tgt Ion:142 Resp: 203490

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.1	108.1

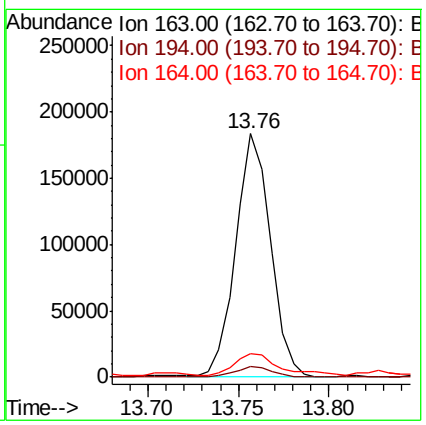


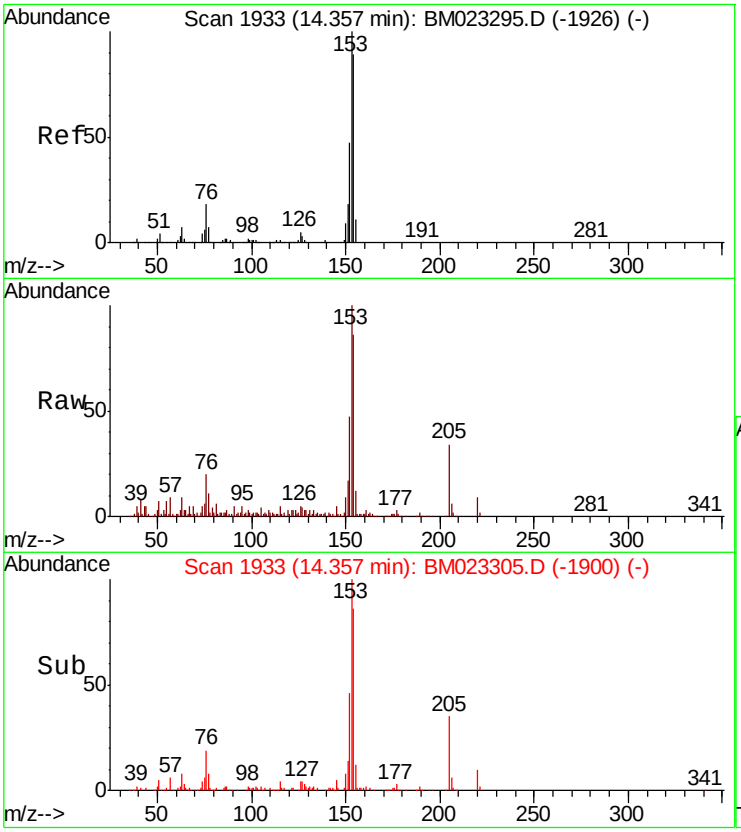


#45
Dimethylphthalate
Concen: 2.955 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Tgt Ion:163 Resp: 244049

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.8	8.0	12.0



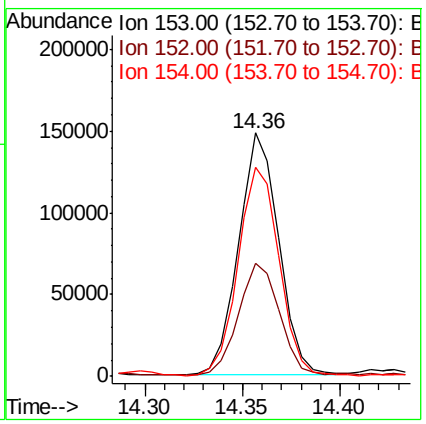


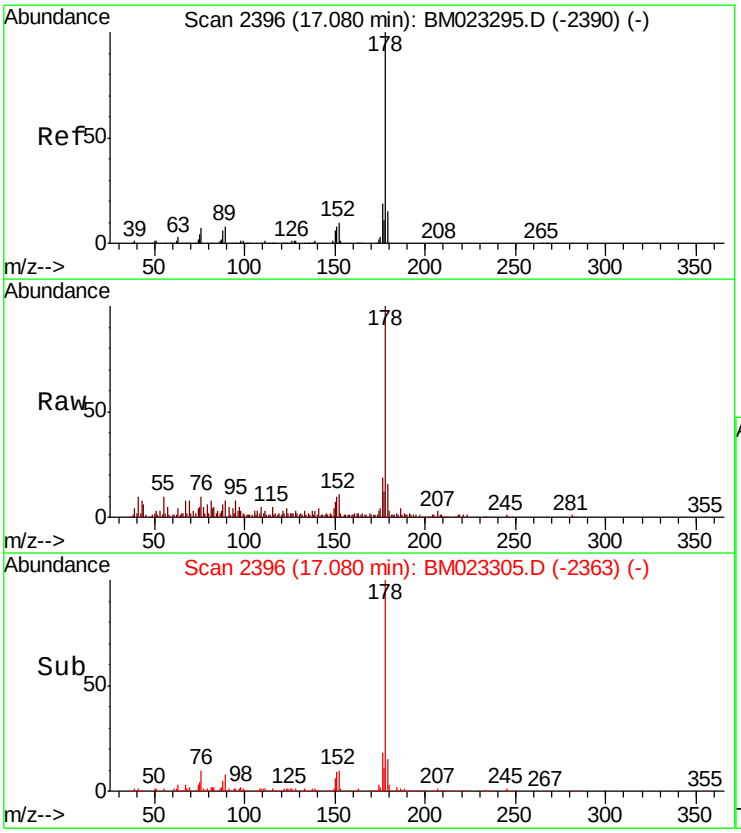
#50
Acenaphthene
Concen: 3.052 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Instrument :
BNA_M
ClientSampleId :
BF6L5

Tgt Ion:153 Resp: 210309

Ion	Ratio	Lower	Upper
153	100		
152	46.7	38.0	57.0
154	85.9	70.4	105.6

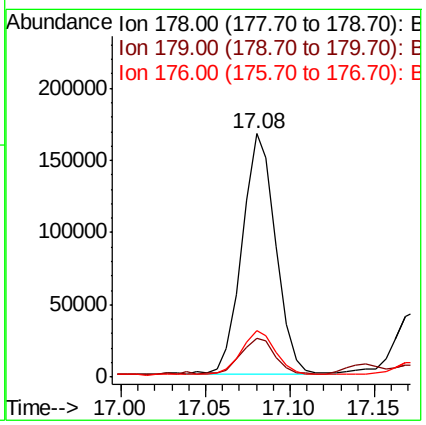


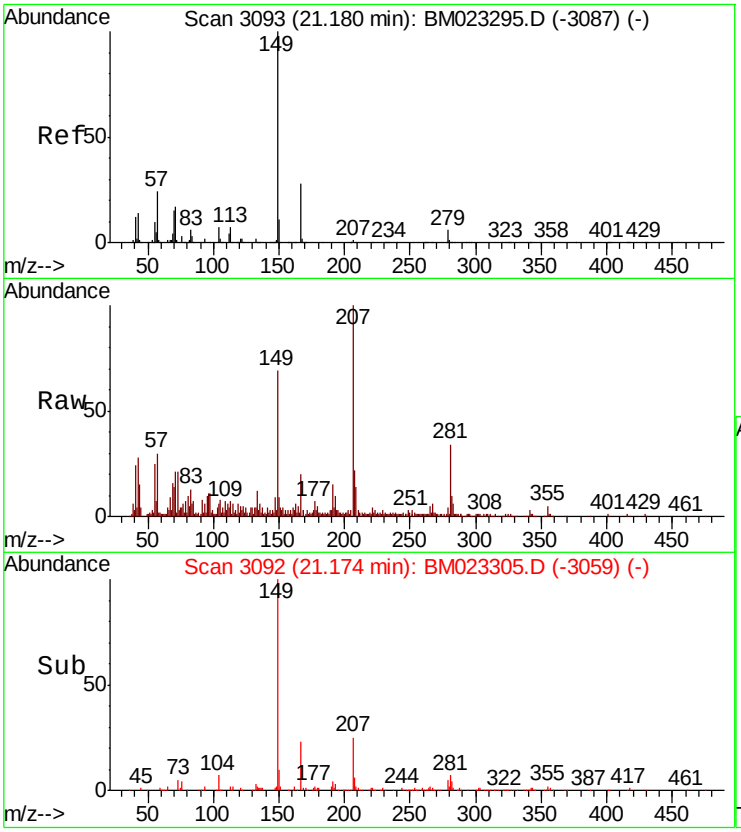


#70
Phenanthrene
Concen: 1.860 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Tgt Ion:178 Resp: 229708

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.1	15.5	23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 1.253 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM023305.D
Acq: 20 Oct 2019 02:26

Instrument :
BNA_M
ClientSampleId :
BF6L5

Tgt Ion:149 Resp: 101384

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	5.9	4.0	6.0