Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022905.D
Acq On : 02 Oct 2019 22:37
Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

Quant Time: Oct 03 02:35:18 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	281647	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1195077	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	673178	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1128082	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	860156	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1020959	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	34308	5.27	ng/uL	0.00
5) Phenol-d5	6.97	99	162754	6.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	331294	24.32	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	419785	20.95	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	283962	13.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	244623	26.52	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	267747	26.59	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	498952	24.88	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	525004	21.55	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1585685	30.35	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1754200	29.08	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	66044	6.40	ng/ul	0.00
58) Fluorene-d10	15.43	176	1312045	29.47	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	209142	28.49	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1849030	33.57	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1773258	38.30	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1806767	34.21	ng/ul	-0.03
Target Compounds						Qvalue
6) Phenol	6.99	94	44475	1.705	ng/ul	98
16) 4-Methylphenol	8.57	108	29842	1.342	ng/ul	93
28) Naphthalene	10.64	128	1022214	15.838	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	411358	8.501	ng/ul	99
45) Dimethylphthalate	13.89	163	739214	13.773	ng/ul	100
70) Phenanthrene	17.22	178	79696	1.184	ng/ul	97

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

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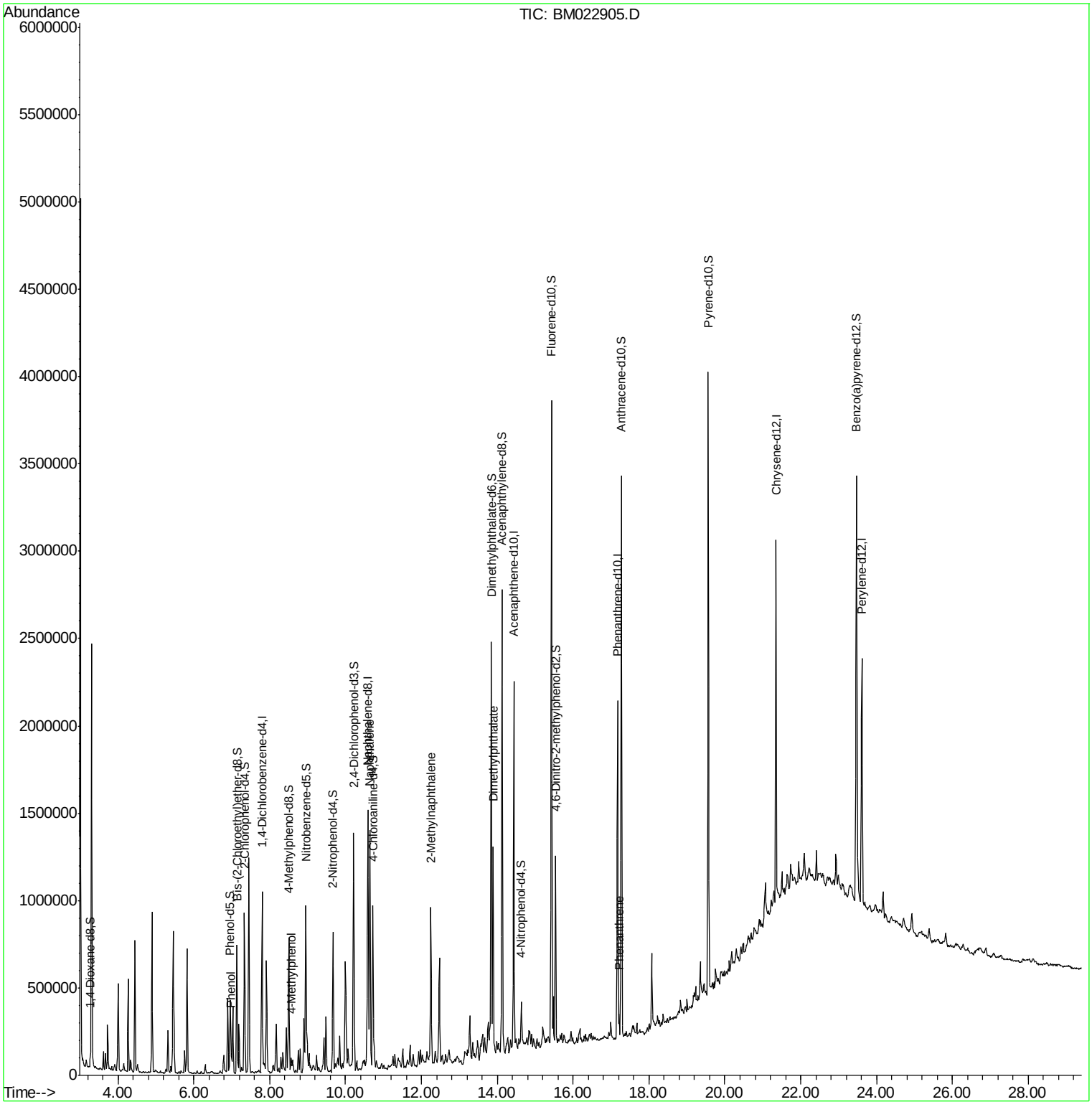
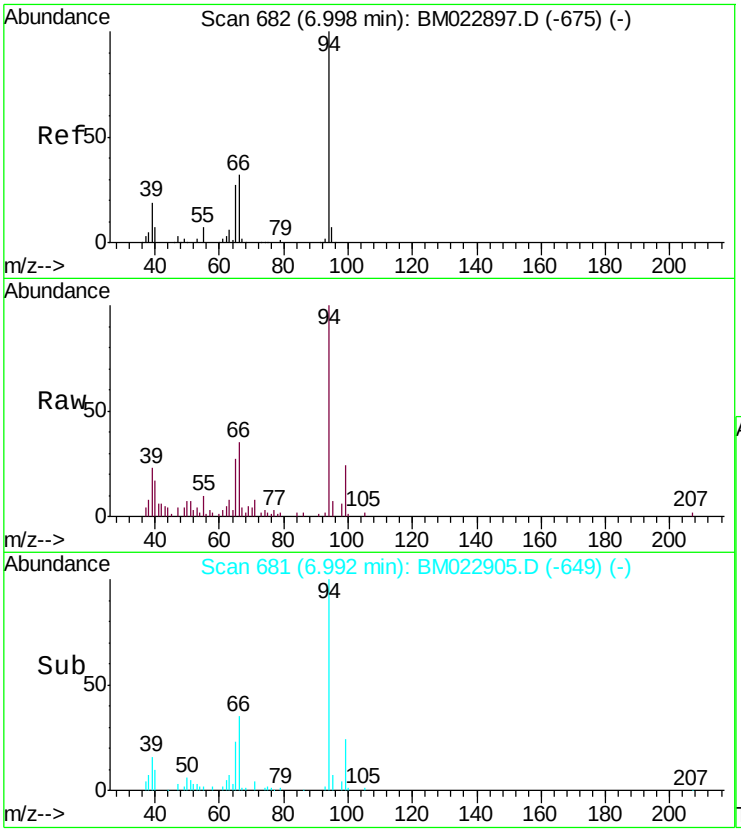


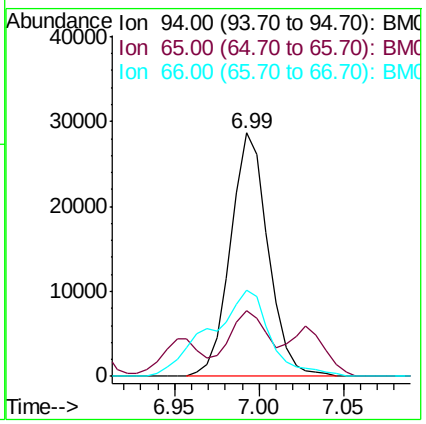


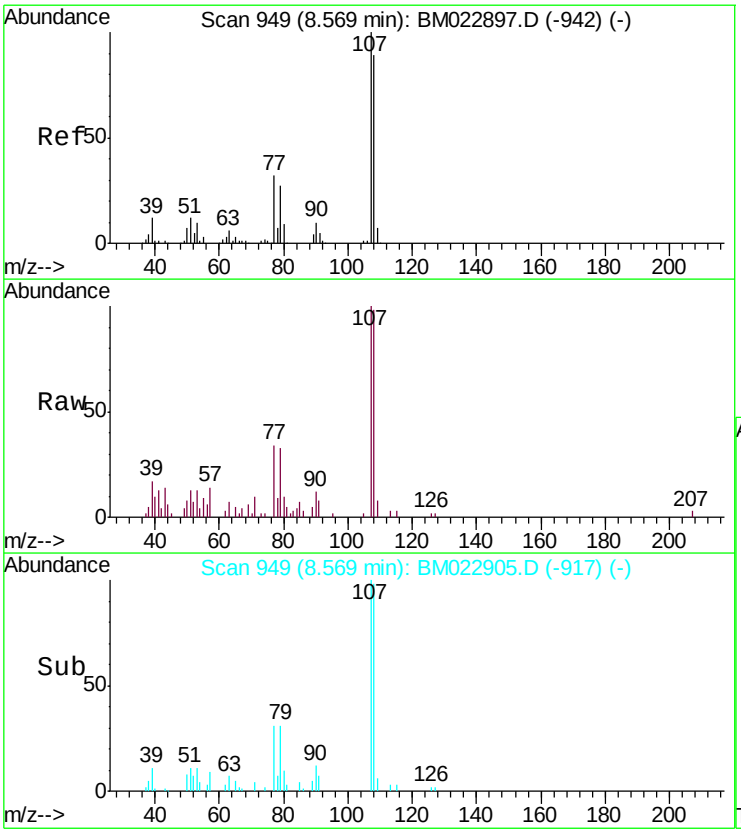
#6
Phenol
Concen: 1.705 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Instrument :
BNA_M
ClientSampleId :
BFDH5

Tgt Ion: 94 Resp: 44475

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	35.3	27.2	40.8

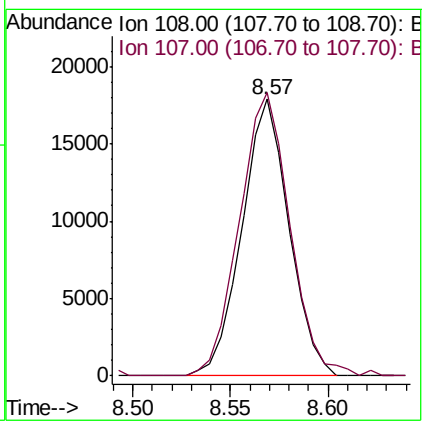


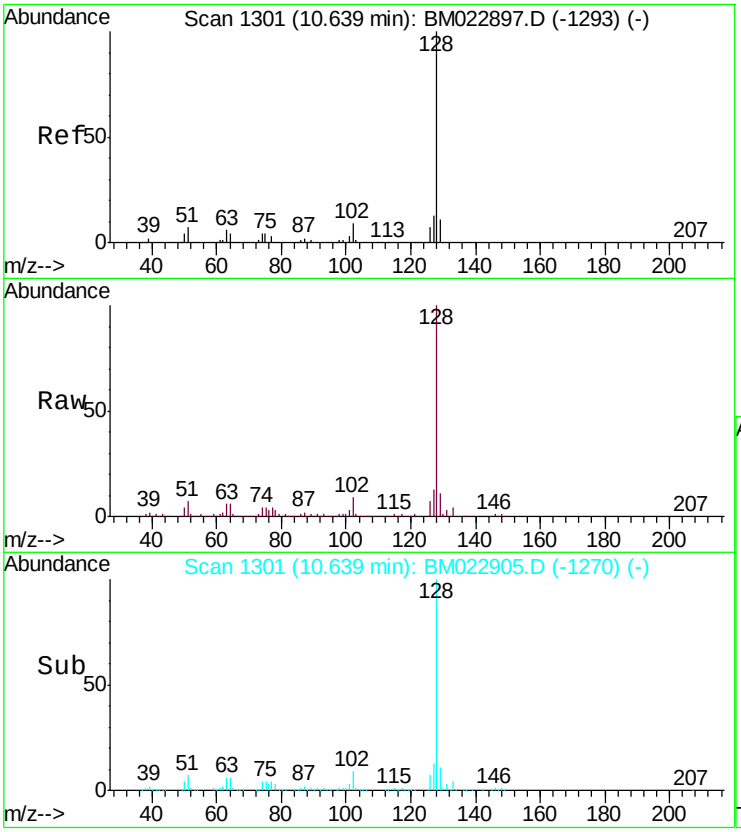


#16
4-Methylphenol
Concen: 1.342 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Tgt Ion:108 Resp: 29842

Ion	Ratio	Lower	Upper
108	100		
107	102.3	87.9	131.9



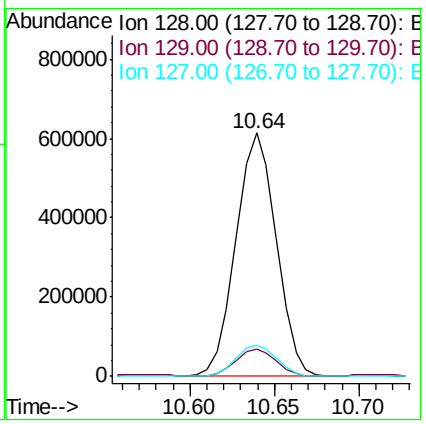


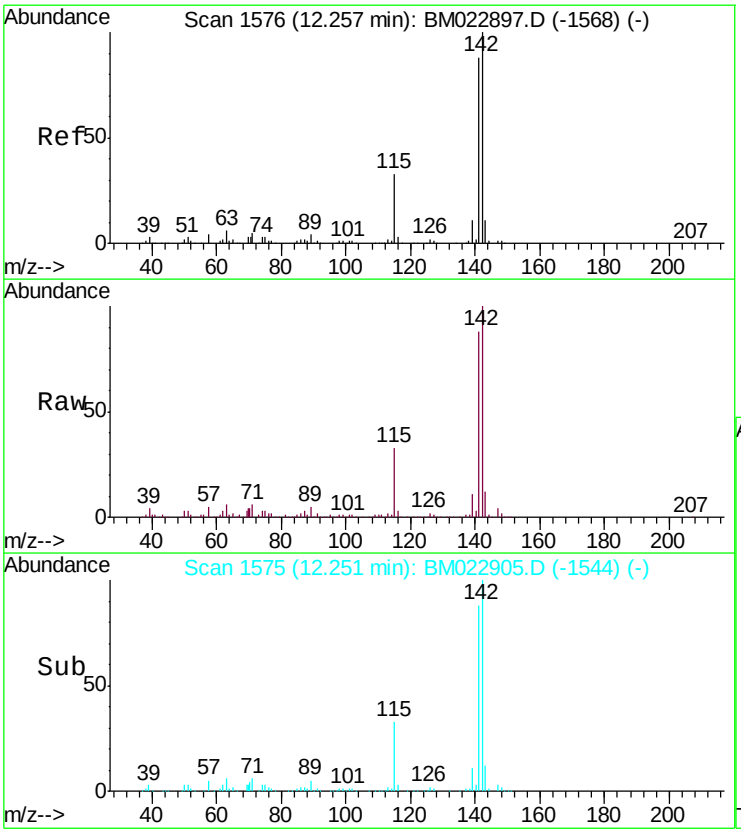
#28
Naphthalene
Concen: 15.838 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Instrument :
BNA_M
ClientSampleId :
BFDH5

Tgt Ion:128 Resp: 1022214

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

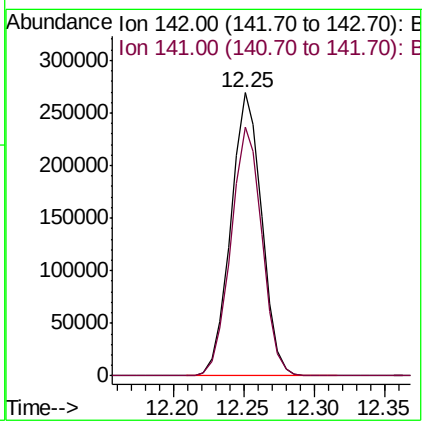


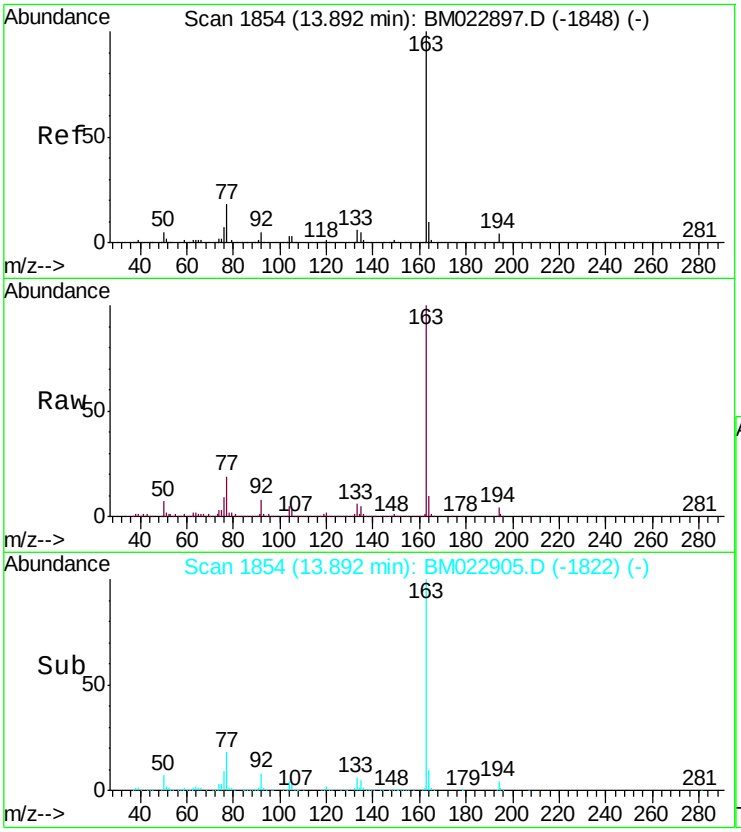


#34
2-Methylnaphthalene
Concen: 8.501 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Tgt Ion:142 Resp: 411358

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8



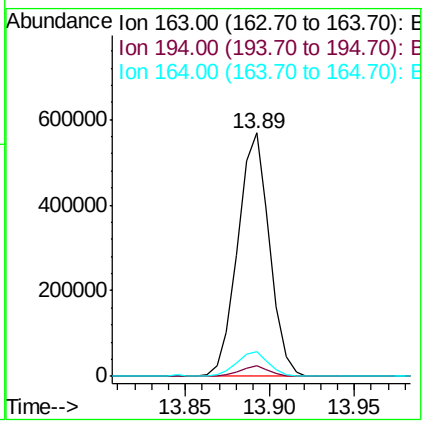


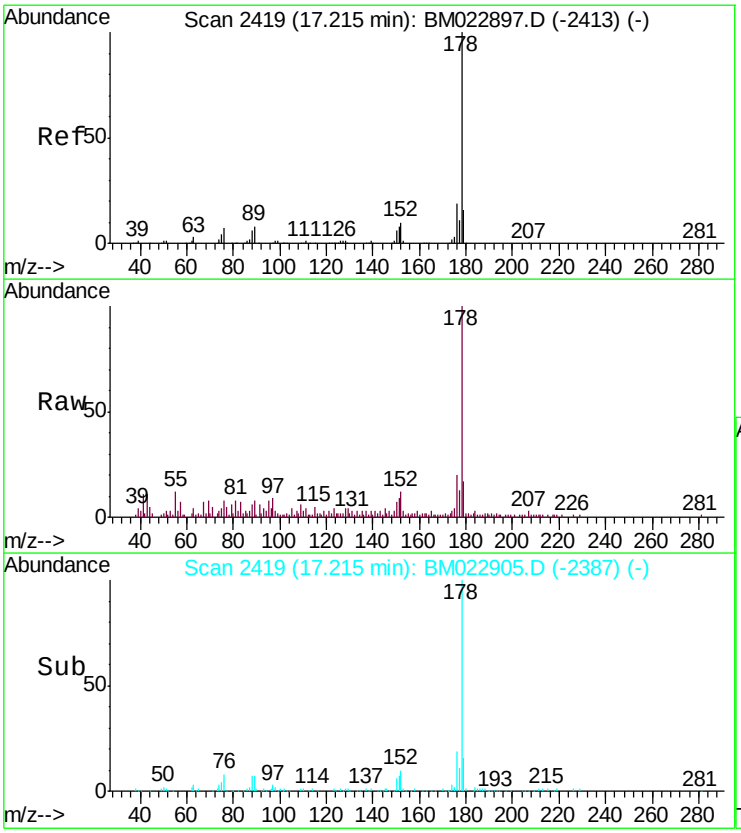
#45
Dimethylphthalate
Concen: 13.773 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Instrument :
BNA_M
ClientSampleId :
BFDH5

Tgt Ion:163 Resp: 739214

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1





#70
Phenanthrene
Concen: 1.184 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM022905.D
Acq: 02 Oct 2019 22:37

Tgt Ion:178 Resp: 79696

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.4	18.6
176	20.1	15.3	22.9