Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027548.D
Acq On : 26 Sep 2020 03:18
Operator : JU/CG
Sample : L4139-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG491

Quant Time: Sep 26 05:23:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	103576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.593	136	369657	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.434	164	275798	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.175	188	647734	20.00	ng/ul	#-0.01
78) Chrysene-d12	21.351	240	726314	20.00	ng/ul	#-0.01
86) Perylene-d12	23.621	264	774908	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	11630	6.39	ng/uL	0.00
5) Phenol-d5	6.969	99	57499	8.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	121769	30.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	168075	28.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.505	113	110600	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.952	128	95510	35.05	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.675	143	113552	39.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	272604	37.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	22354	3.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.845	166	885322	41.49	ng/ul	-0.01
47) Acenaphthylene-d8	14.128	160	1008865	39.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.634	143	28833	9.64	ng/ul	0.00
58) Fluorene-d10	15.428	176	769734	40.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	145761	41.56	ng/ul	0.00
71) Anthracene-d10	17.275	188	1292647	42.31	ng/ul	0.00
79) Pyrene-d10	19.569	212	1569088	41.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	1721259	41.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	3421	1.59	ng/uL	90
6) Phenol	6.993	94	10745	1.55	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.228	93	17233	3.11	ng/ul	92
11) 2-Methylphenol	8.240	108	7964	1.45	ng/ul	98
16) 4-Methylphenol	8.563	108	7173	1.23	ng/ul	99
28) Naphthalene	10.640	128	30055	1.59	ng/ul#	97
45) Dimethylphthalate	13.893	163	52175	2.40	ng/ul#	97
65) N-Nitrosodiphenylamine	15.692	169	19439	1.08	ng/ul	96

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

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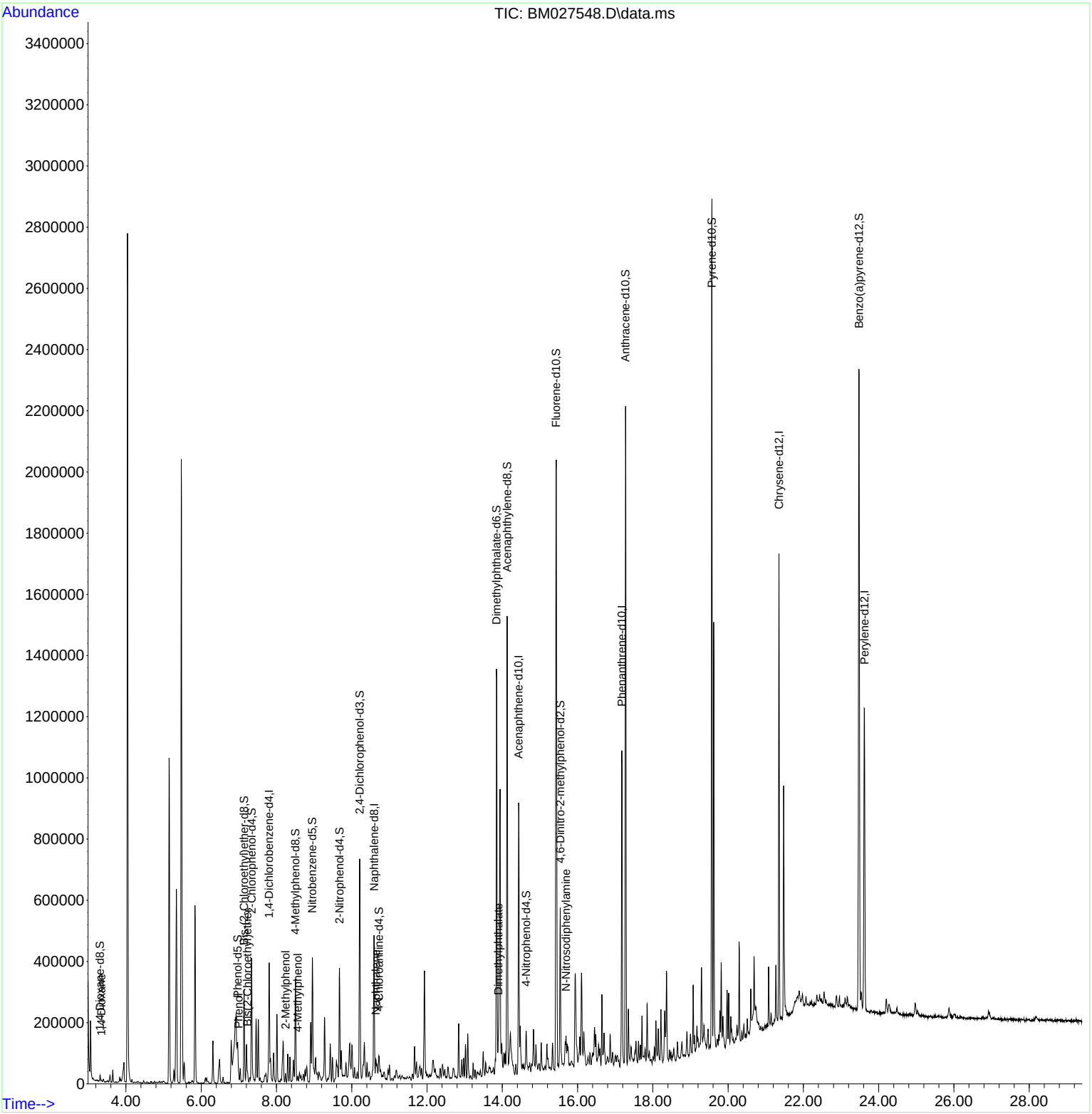

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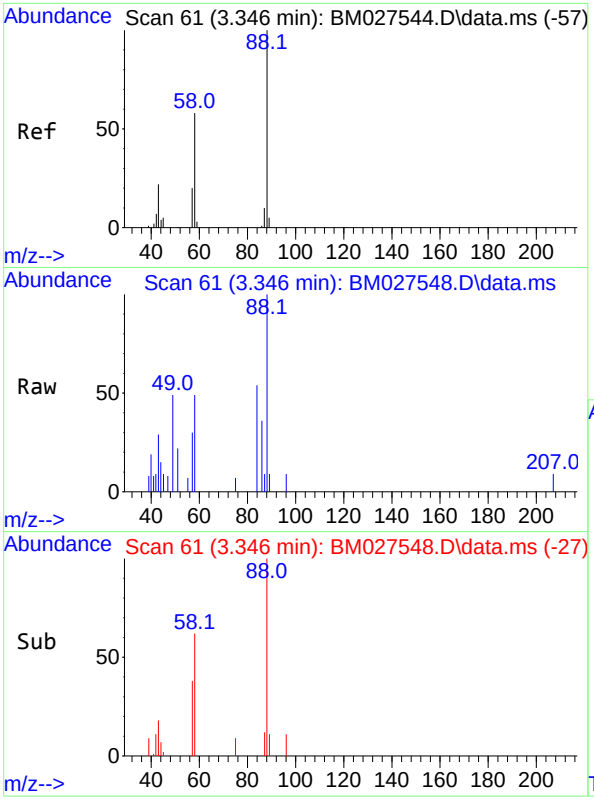
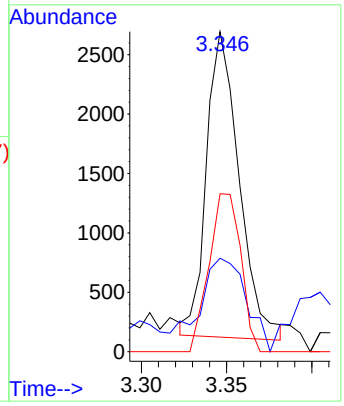
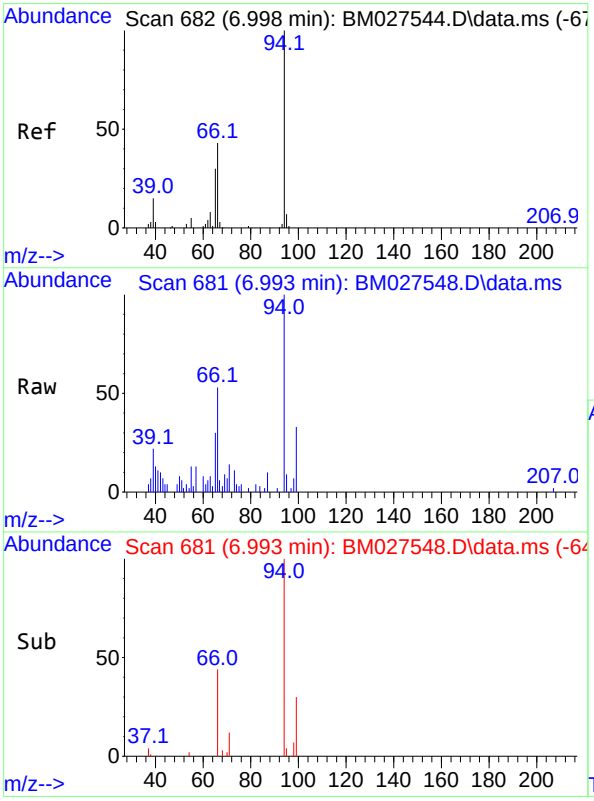


#2
1,4-Dioxane
Concen: 1.59 ng/uL
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion: 88 Resp: 3421

Ion	Ratio	Lower	Upper
88	100		
43	29.2	21.7	32.5
58	49.3	47.4	71.0

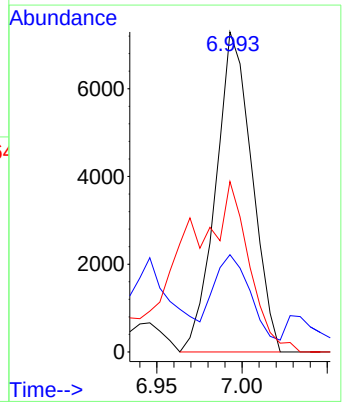




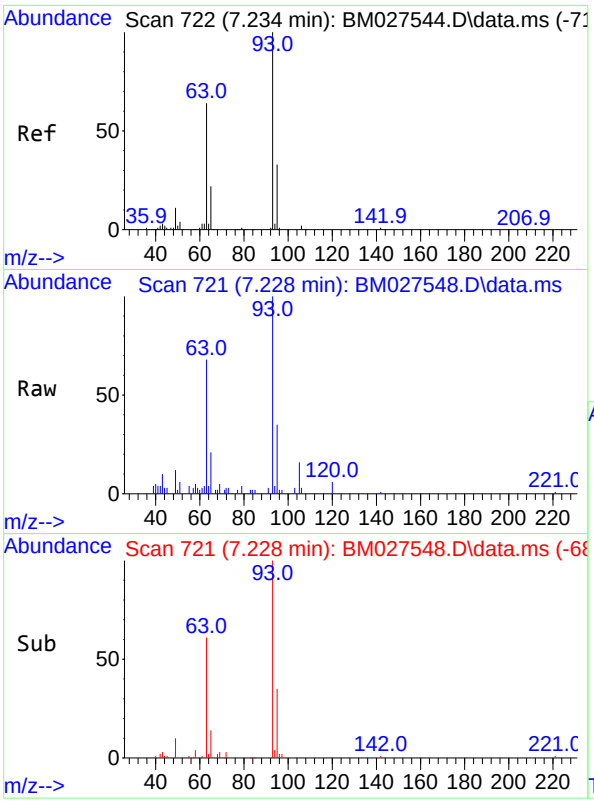
#6
Phenol
Concen: 1.55 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion: 94 Resp: 10745

Ion	Ratio	Lower	Upper
94	100		
65	30.4	30.2	45.4
66	53.3	42.4	63.6



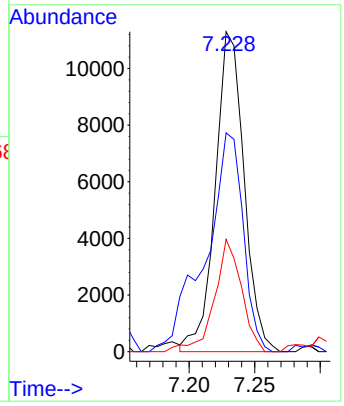
Instrument :
BNA_M
ClientSampleId :
BG491

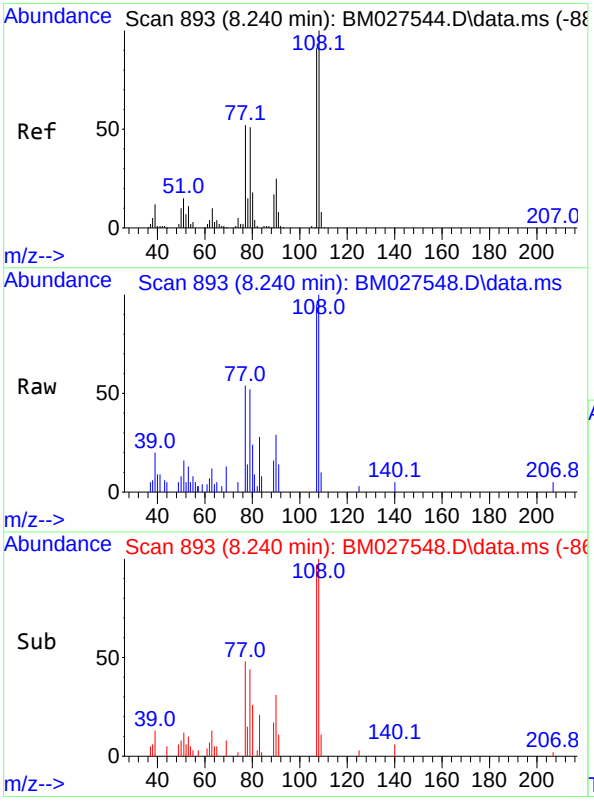


#8
Bis(2-Chloroethyl)ether
Concen: 3.11 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion: 93 Resp: 17233

Ion	Ratio	Lower	Upper
93	100		
63	68.4	60.6	90.8
95	35.1	25.0	37.4

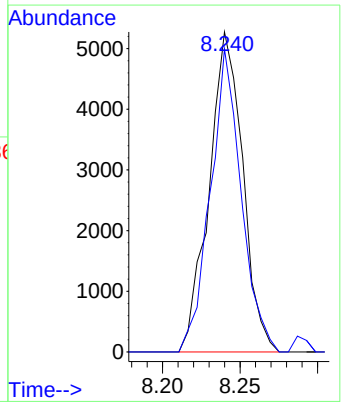




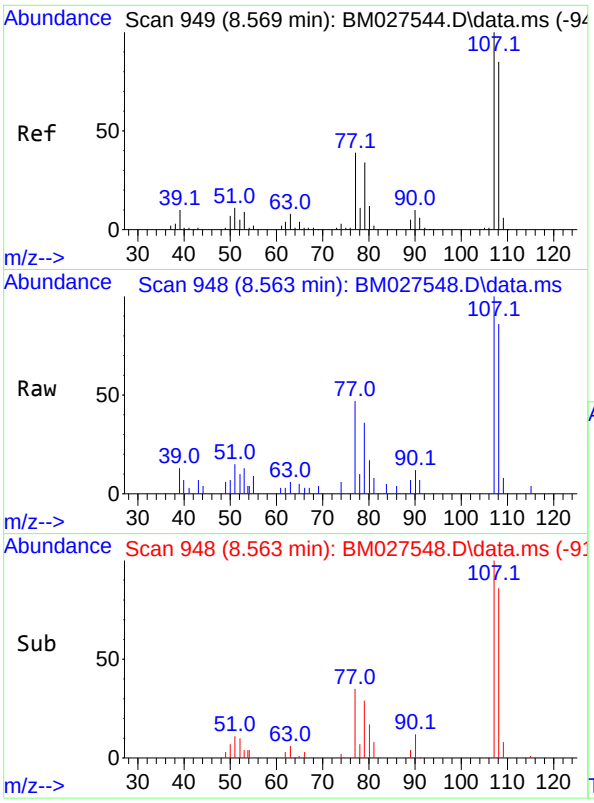
#11
2-Methylphenol
Concen: 1.45 ng/ul
RT: 8.240 min Scan# 893
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:108 Resp: 7964

Ion	Ratio	Lower	Upper
108	100		
107	94.7	74.4	111.6



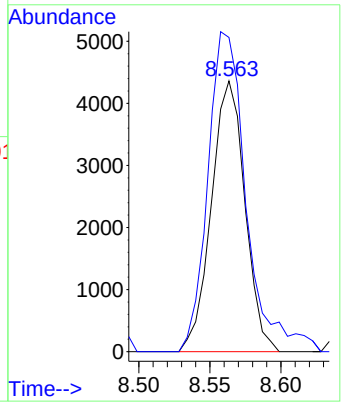
Instrument :
BNA_M
ClientSampleId :
BG491

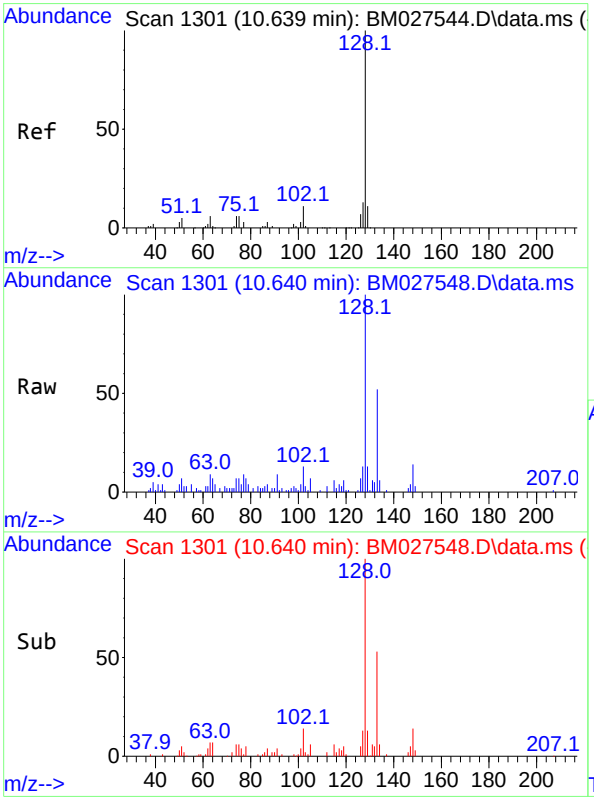


#16
4-Methylphenol
Concen: 1.23 ng/ul
RT: 8.563 min Scan# 948
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:108 Resp: 7173

Ion	Ratio	Lower	Upper
108	100		
107	116.1	92.1	138.1

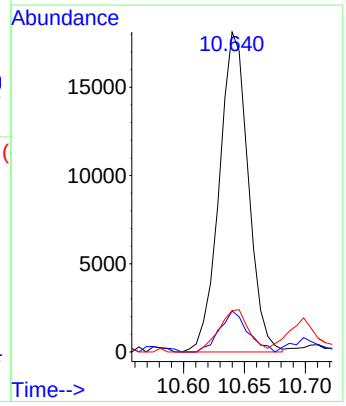




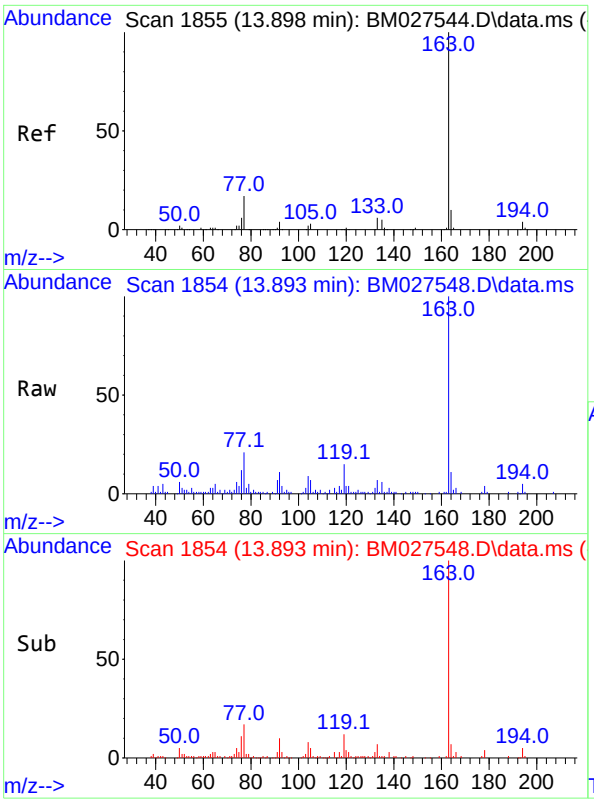
#28
Naphthalene
Concen: 1.59 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.011 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:128 Resp: 30055

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.4	12.6#
127	12.9	10.3	15.5



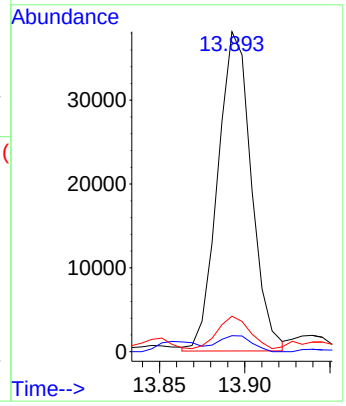
Instrument :
BNA_M
ClientSampleId :
BG491

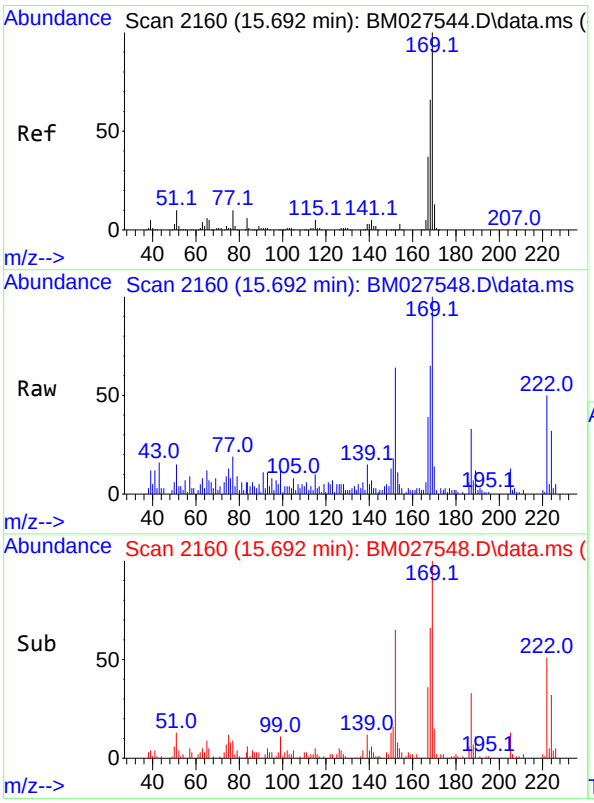


#45
Dimethylphthalate
Concen: 2.40 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:163 Resp: 52175

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	11.1	8.1	12.1





#65
N-Nitrosodiphenylamine
Concen: 1.08 ng/ul
RT: 15.692 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:169 Resp: 19439

Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.2	81.4
167	38.7	29.0	43.4