

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027541.D
 Acq On : 25 Sep 2020 22:29
 Operator : JU/CG
 Sample : L4139-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:11:58 AM

Quant Time: Sep 26 01:00:01 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	92911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.593	136	362365	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	299149	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	731549	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.357	240	721942	20.00	ng/ul	# 0.00
86) Perylene-d12	23.627	264	616714	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	8503	5.21	ng/uL	0.00
5) Phenol-d5	6.969	99	42381	7.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	98224	27.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	133986	25.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.505	113	88981	17.52	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	79301	29.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	97984	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	230214	32.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	15533	2.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	856640	37.01	ng/ul	0.00
47) Acenaphthylene-d8	14.128	160	931339	33.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.628	143	24572	7.58	ng/ul	0.00
58) Fluorene-d10	15.434	176	724573	34.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	139080	35.11	ng/ul	0.00
71) Anthracene-d10	17.275	188	1266599	36.70	ng/ul	0.00
79) Pyrene-d10	19.569	212	1489831	39.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	1193026	36.41	ng/ul	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	2578	1.34	ng/uL#	75
6) Phenol	6.999	94	18729	3.00	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.234	93	46928	9.43	ng/ul	91
16) 4-Methylphenol	8.563	108	43483	8.31	ng/ul	89
24) 2,4-Dimethylphenol	9.769	107	21513m	3.15	ng/ul	
28) Naphthalene	10.640	128	97874	5.29	ng/ul#	97
45) Dimethylphthalate	13.898	163	24504	1.04	ng/ul	97
57) Diethylphthalate	15.263	149	38006	1.75	ng/ul	95
65) N-Nitrosodiphenylamine	15.692	169	57915	2.85	ng/ul	98

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

mohammad
9/28/2020 11:11:58 AM

Abundance

TIC: BM027541.D\data.ms

Time-->

1,4-Dioxane-d8,S

Phenol-d5,S

4-Chlorophenol-d4,S

1,4-Dichlorobenzene-d4,I

4-Methylphenol-d8,S

Nitrobenzene-d5,S

2,4-Bis(methylphenol)-d4,S

2,4-Dichlorophenol-d3,S

Acenaphthene-d4,S

4-Nitrophenol-d4,S

Diethylphthalate

N-Nitrosophenol-d5,S

Phenanthrene-d10,S

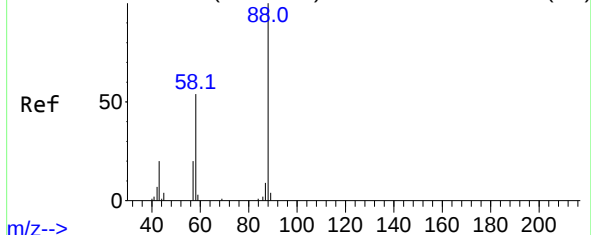
Pyrene-d10,S

Chrysene-d12,I

Perylene-d12,S

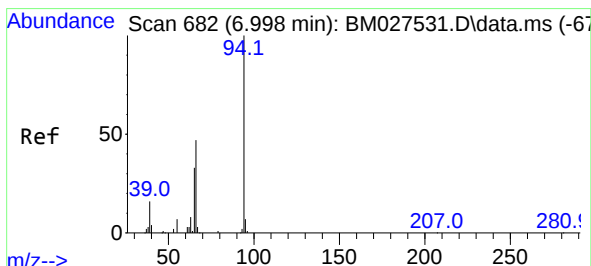
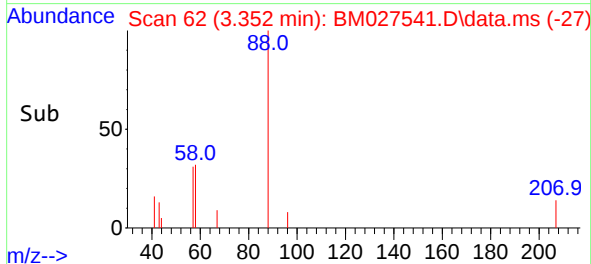
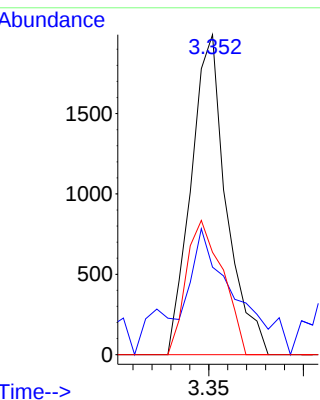
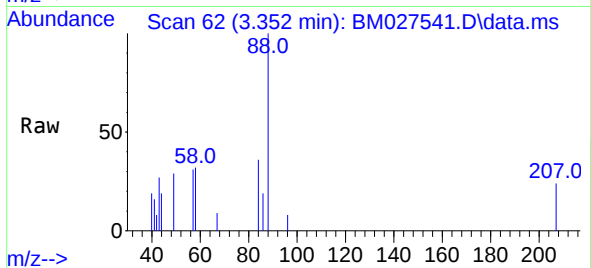
Benzo(a)pyrene-d12,S

Abundance Scan 61 (3.346 min): BM027531.D\data.ms (-57) #2



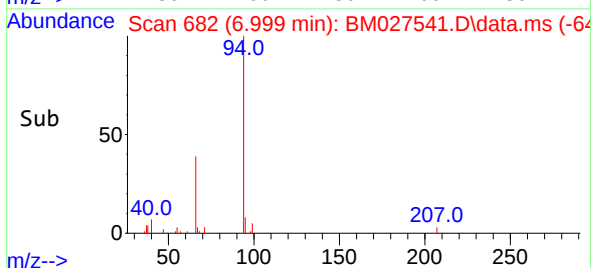
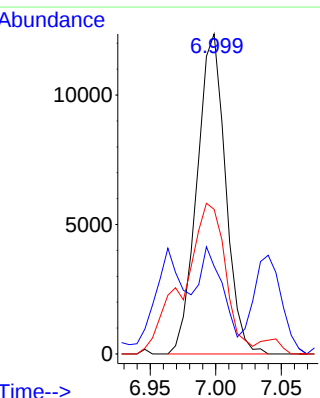
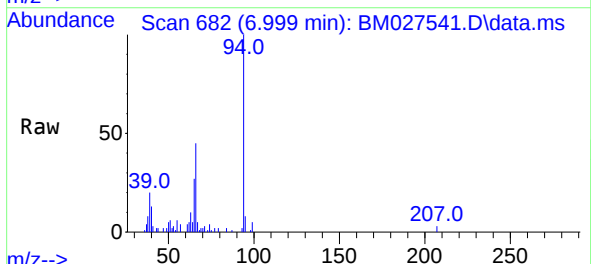
1,4-Dioxane
Concen: 1.34 ng/uL
RT: 3.352 min Scan# 62
Delta R.T. 0.006 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

Tgt Ion:	88	Resp:	2578
Ion	Ratio	Lower	Upper
88	100		
43	27.3	21.7	32.5
58	32.0	47.4	71.0#



#6
Phenol
Concen: 3.00 ng/uL
RT: 6.999 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

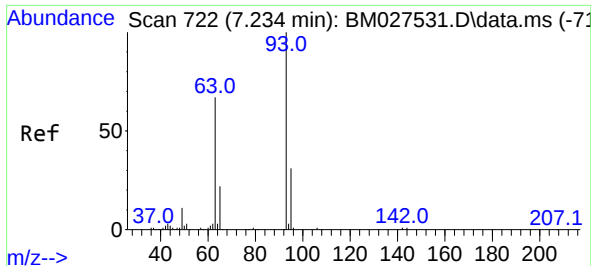
Tgt Ion:	94	Resp:	18729
Ion	Ratio	Lower	Upper
94	100		
65	27.4	30.2	45.4#
66	45.2	42.4	63.6



Instrument :
BNA_M
ClientSampled :
BG494

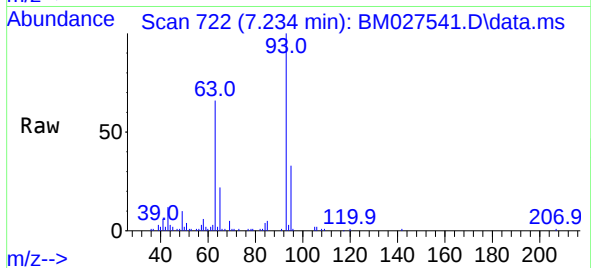
Manual Integrations
APPROVED

mohammad
9/28/2020 11:11:58 AM



#8
Bis(2-Chloroethyl)ether
Concen: 9.43 ng/ul
RT: 7.234 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

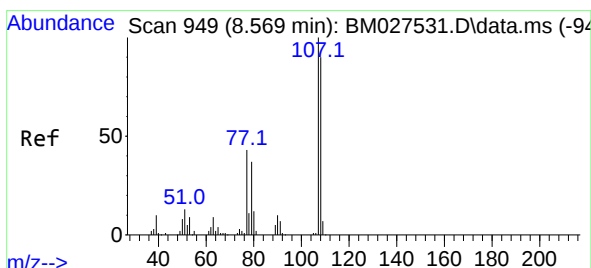
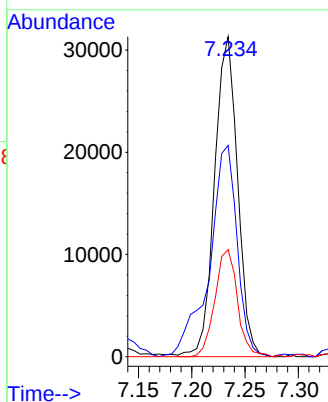
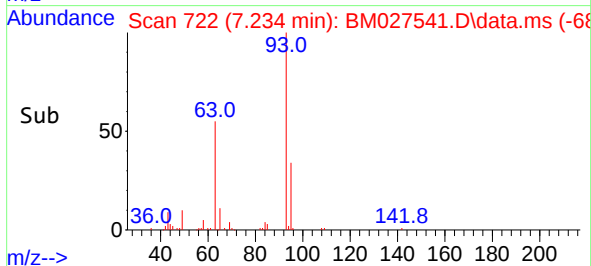
Instrument :
BNA_M
ClientSampleId :
BG494



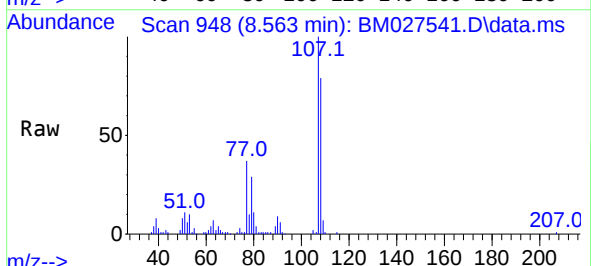
Tgt Ion: 93 Resp: 46928
Ion Ratio Lower Upper
93 100
63 66.0 60.6 90.8
95 33.4 25.0 37.4

Manual Integrations
APPROVED

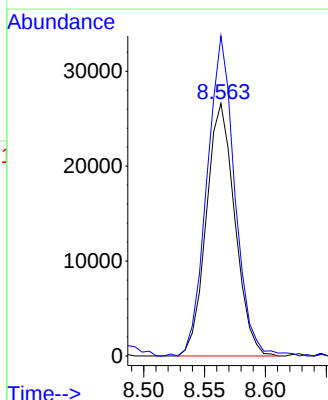
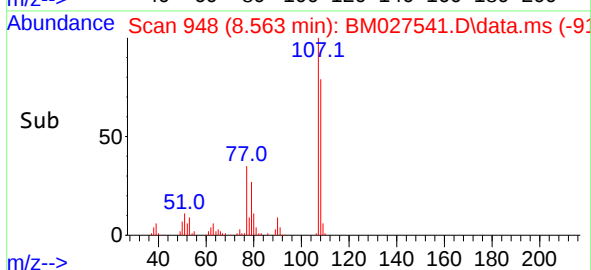
mohammad
9/28/2020 11:11:58 AM

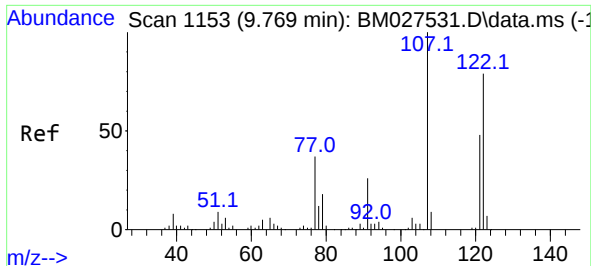


#16
4-Methylphenol
Concen: 8.31 ng/ul
RT: 8.563 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29



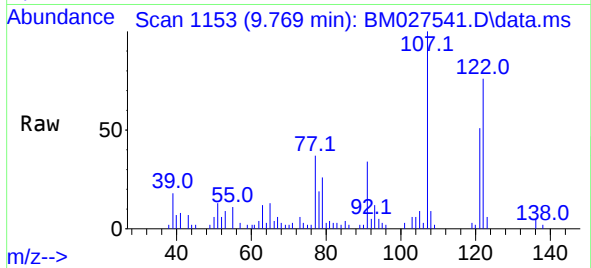
Tgt Ion: 108 Resp: 43483
Ion Ratio Lower Upper
108 100
107 126.7 92.1 138.1





#24
2,4-Dimethylphenol
Concen: 3.15 ng/ul m
RT: 9.769 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

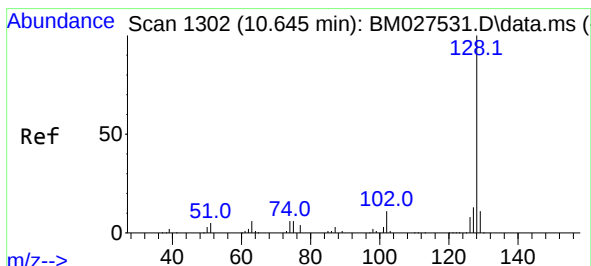
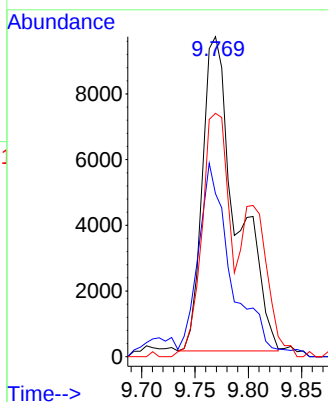
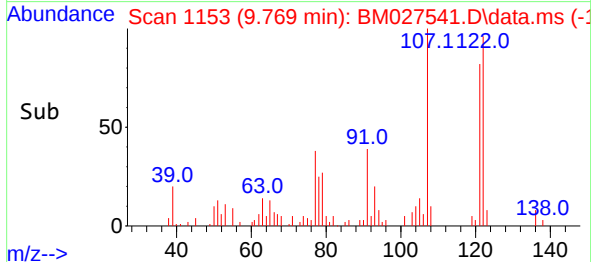
Instrument :
BNA_M
ClientSampleId :
BG494



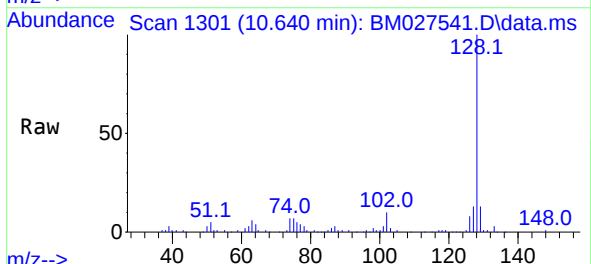
Tgt Ion:107 Resp: 21513
Ion Ratio Lower Upper
107 100
121 50.9 36.6 54.8
122 76.0 59.9 89.9

Manual Integrations
APPROVED

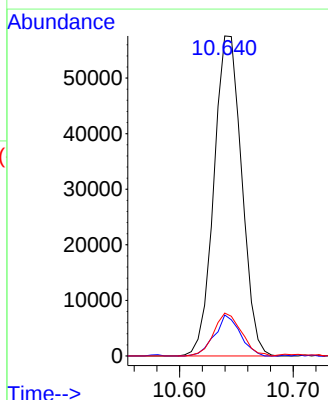
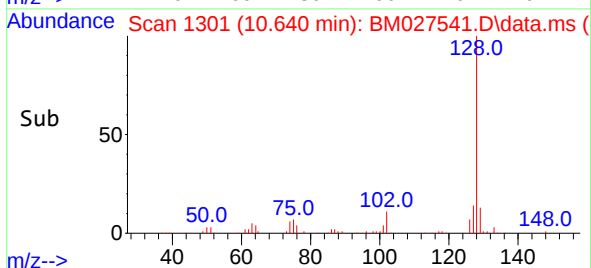
mohammad
9/28/2020 11:11:58 AM

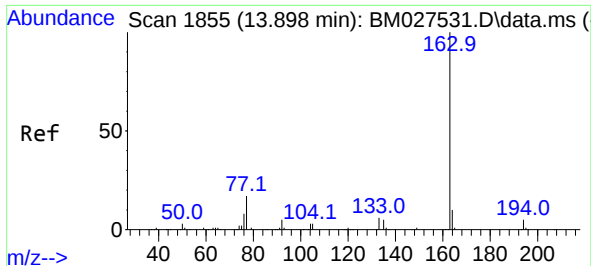


#28
Naphthalene
Concen: 5.29 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.011 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29



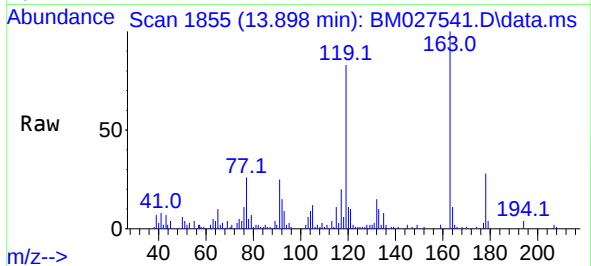
Tgt Ion:128 Resp: 97874
Ion Ratio Lower Upper
128 100
129 12.8 8.4 12.6#
127 13.4 10.3 15.5





#45
Dimethylphthalate
Concen: 1.04 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

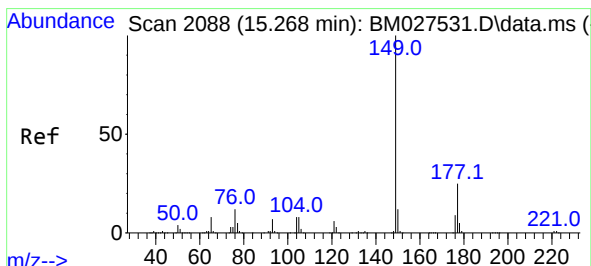
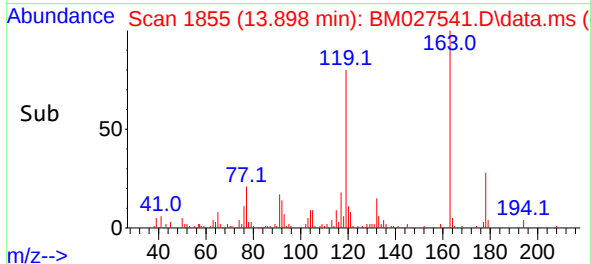
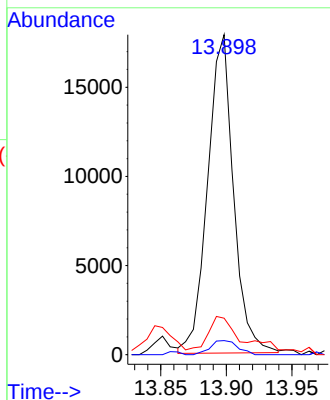
Instrument :
BNA_M
ClientSampleId :
BG494



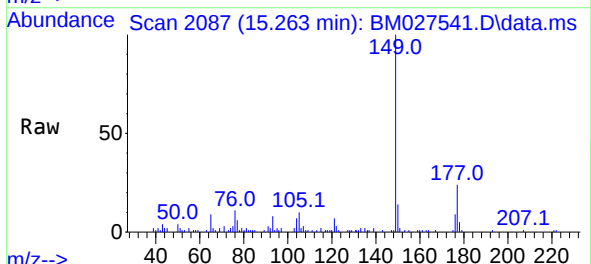
Tgt Ion:163 Resp: 24504
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 11.4 8.1 12.1

Manual Integrations
APPROVED

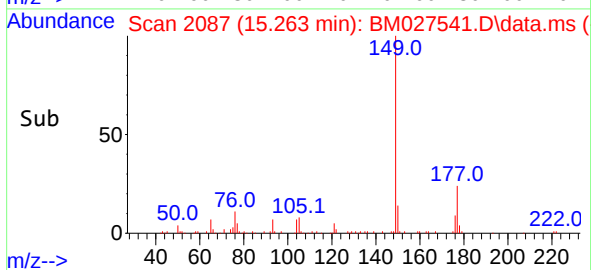
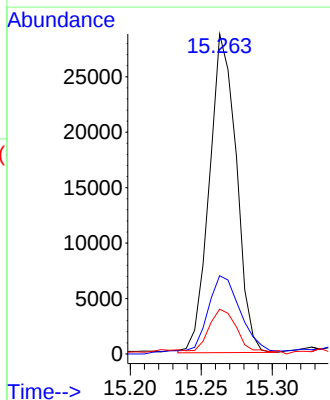
mohammad
9/28/2020 11:11:58 AM

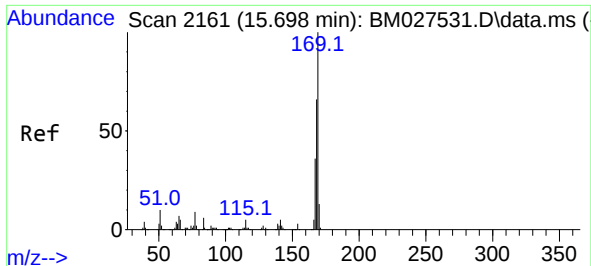


#57
Diethylphthalate
Concen: 1.75 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BM027541.D
Acq: 25 Sep 2020 22:29

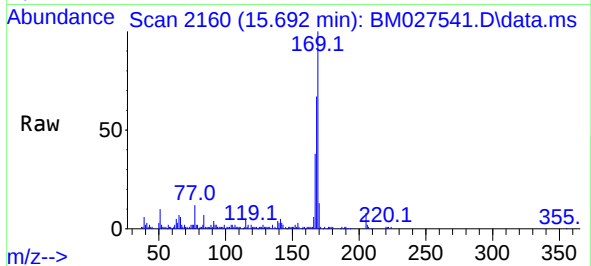


Tgt Ion:149 Resp: 38006
Ion Ratio Lower Upper
149 100
177 24.4 17.6 26.4
150 14.0 9.6 14.4

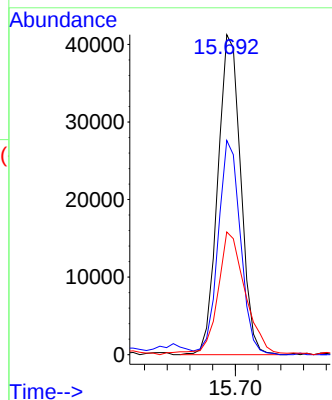
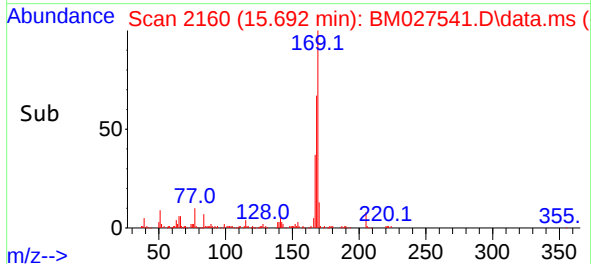




#65
 N-Nitrosodiphenylamine
 Concen: 2.85 ng/ul
 RT: 15.692 min Scan# 2160
 Delta R.T. -0.006 min
 Lab File: BM027541.D
 Acq: 25 Sep 2020 22:29



Tgt Ion:169 Resp: 57915
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.2 81.4
 167 38.3 29.0 43.4



Instrument :
 BNA_M
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:11:58 AM