

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027231.D
 Acq On : 26 Aug 2020 02:49
 Operator : JU/CG
 Sample : L3613-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ3

Quant Time: Aug 26 04:13:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 26 01:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	101513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	405217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	286387	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	655558	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	716354	20.00	ng/ul	-0.01
86) Perylene-d12	23.36	264	701302	20.00	ng/ul	-0.01

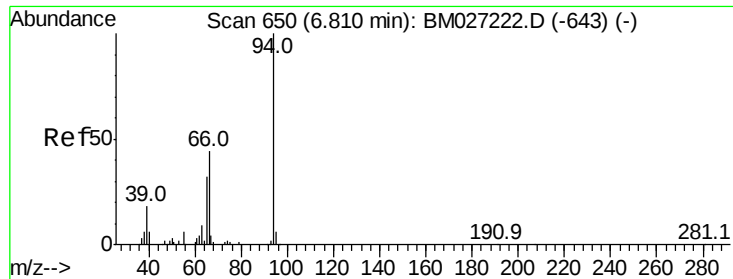
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	18333	10.23	ng/uL	0.00
5) Phenol-d5	6.78	99	392672	47.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	261316	49.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	305342	48.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	322355	48.78	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	156167	48.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	175376	46.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	346240	45.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	407822	49.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1087986	47.88	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1295573	48.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	161349	42.09	ng/ul	0.00
58) Fluorene-d10	15.23	176	947484	48.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	156445	36.58	ng/ul	0.00
71) Anthracene-d10	17.08	188	1484940	47.72	ng/ul	0.00
79) Pyrene-d10	19.38	212	1720311	41.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1934762	49.49	ng/ul	-0.01

Target Compounds

				Ovalue	
6) Phenol	6.80	94	16817	1.954	ng/ul# 85
15) N-Nitroso-di-n-propylamine	8.30	70	10711	1.680	ng/ul# 1
21) Isophorone	9.46	82	19481	1.113	ng/ul# 74
45) Dimethylphthalate	13.70	163	592350	25.117	ng/ul 100
46) 2,6-Dinitrotoluene	13.70	165	6639	1.366	ng/ul# 47
53) 4-Nitrophenol	14.32	109	4564	1.256	ng/ul# 1

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



#6

Phenol

Concen: 1.954 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

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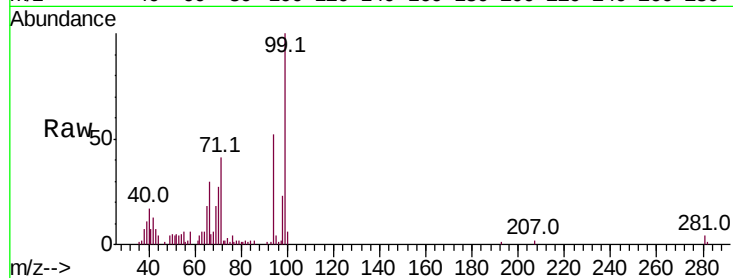
Tot Ion: 94 Resp: 16817

Ion Ratio Lower Upper

94 100

65 34.2 24.8 37.2

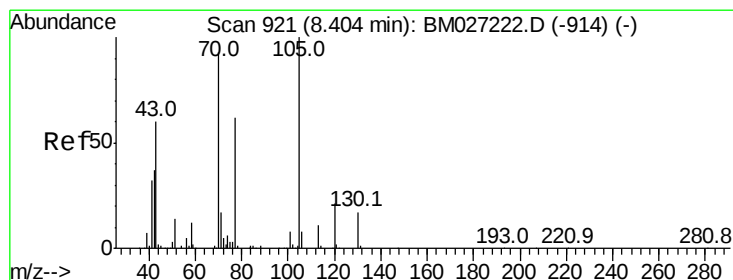
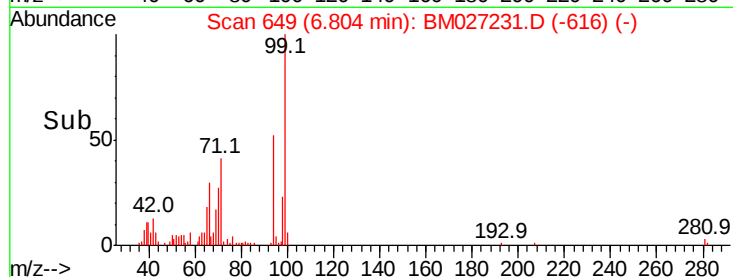
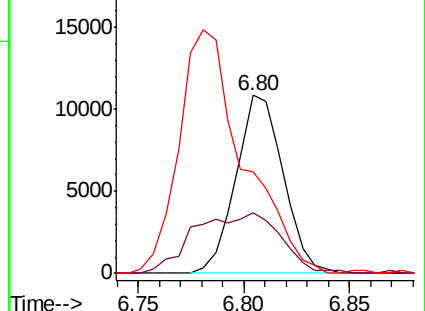
66 57.5 34.7 52.1#



Abundance Ion 94.00 (93.70 to 94.70): BM027222.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM027222.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM027222.D (-643) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.680 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.10 min

Lab File: BM027231.D

Acq: 26 Aug 2020 02:49

Tgt Ion: 70 Resp: 10711

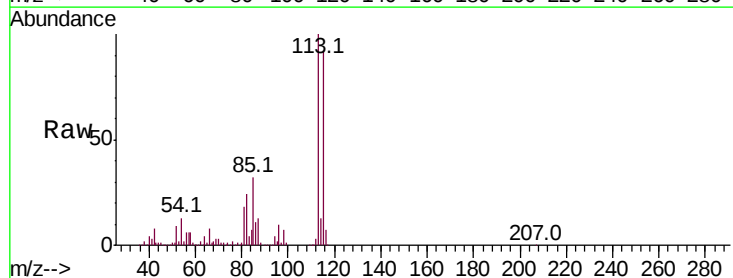
Ion Ratio Lower Upper

70 100

42 223.0 30.9 46.3#

101 0.0 7.4 11.2#

130 0.0 14.8 22.2#

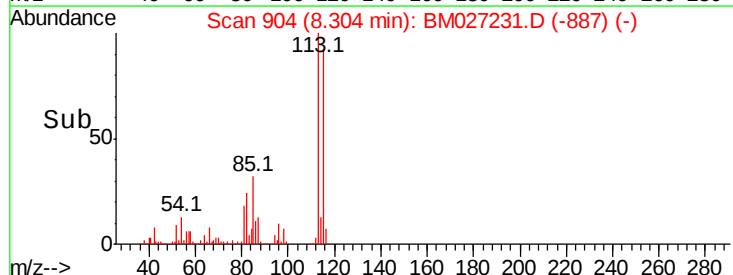
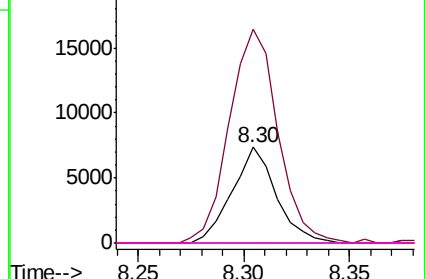


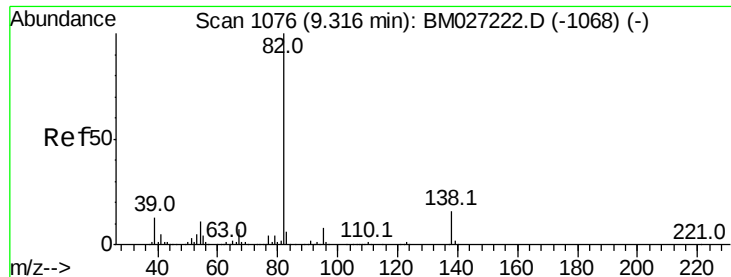
Abundance Ion 70.00 (69.70 to 70.70): BM027222.D (-914) (-)

Ion 42.00 (41.70 to 42.70): BM027222.D (-914) (-)

Ion 101.00 (100.70 to 101.70): BM027222.D (-914) (-)

Ion 130.00 (129.70 to 130.70): BM027222.D (-914) (-)





#21

Isophorone

Concen: 1.113 ng/ul

RT: 9.46 min Scan# 1100

Delta R.T. 0.14 min

Lab File: BM027231.D

Acq: 26 Aug 2020 02:49

Instrument :

BNA_M

ClientSampleId :

DBFQ3

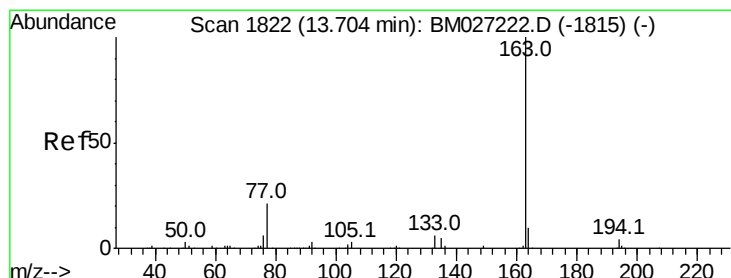
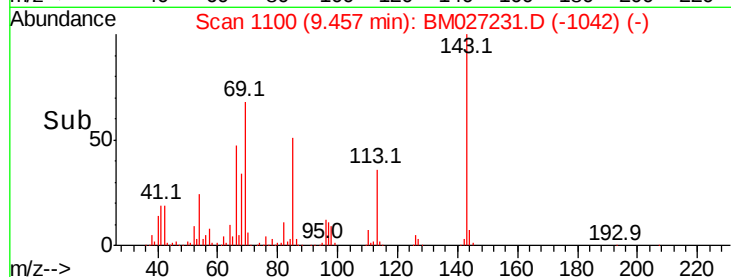
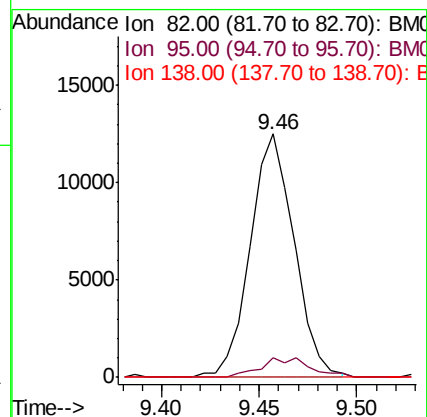
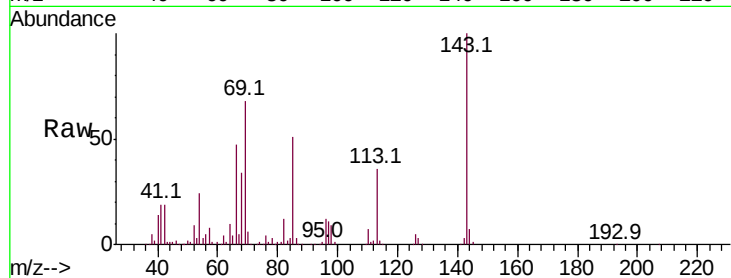
Tot Ion: 82 Resp: 19481

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

138 0.0 12.8 19.2#



#45

Dimethylphthalate

Concen: 25.117 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM027231.D

Acq: 26 Aug 2020 02:49

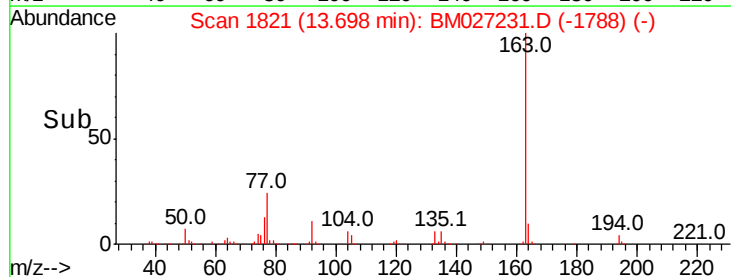
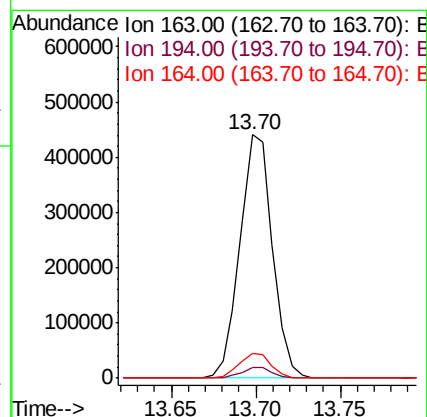
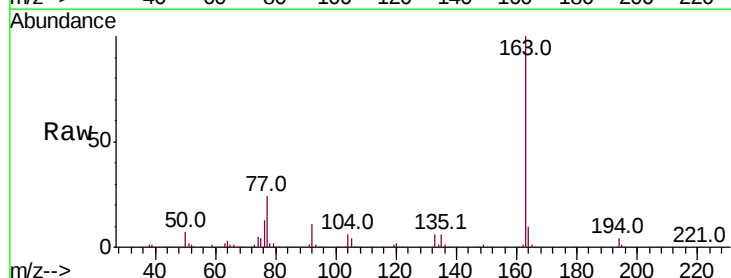
Tgt Ion: 163 Resp: 592350

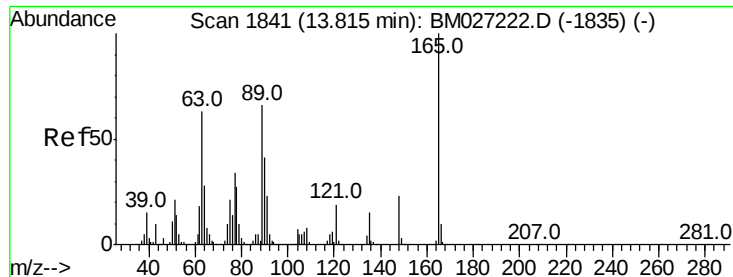
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.1 8.2 12.2

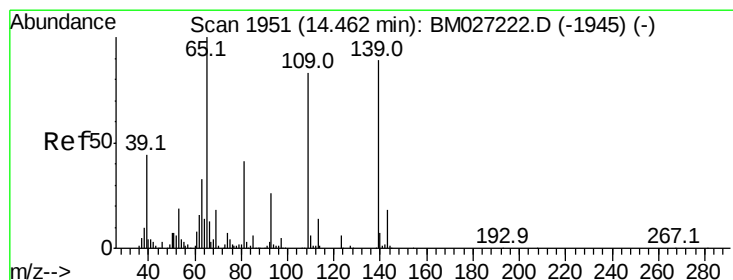
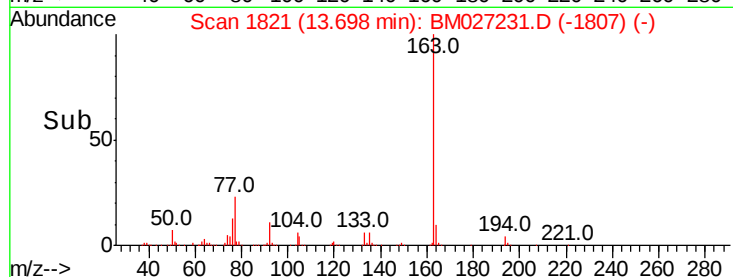
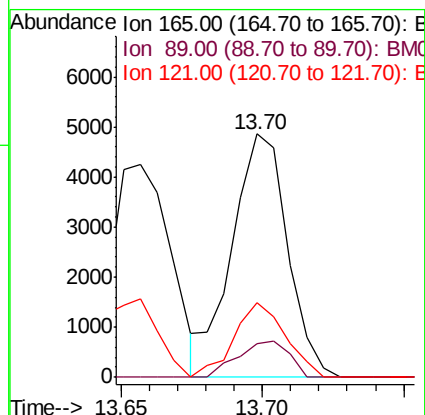
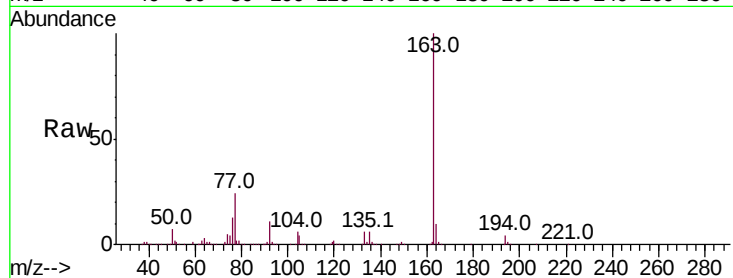




#46
 2,6-Dinitrotoluene
 Concen: 1.366 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: BM027231.D
 Acq: 26 Aug 2020 02:49

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:165 Resp: 6639
 Ion Ratio Lower Upper
 165 100
 89 14.1 48.9 73.3#
 121 30.4 15.3 22.9#



#53
 4-Nitrophenol
 Concen: 1.256 ng/ul
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.15 min
 Lab File: BM027231.D
 Acq: 26 Aug 2020 02:49

Tgt Ion:109 Resp: 4564
 Ion Ratio Lower Upper
 109 100
 139 0.0 86.1 129.1#
 65 13.6 101.7 152.5#

