

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023542.D
 Acq On : 01 Nov 2019 04:40
 Operator : JU
 Sample : K5433-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 01 08:22:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 01 08:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	507459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2086319	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1257089	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2637802	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2425247	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2940979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	33180	3.11	ng/uL	0.00
5) Phenol-d5	6.79	99	619539	14.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	413522	16.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	543763	16.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	465273	13.44	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	280497	17.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	305180	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	529332	15.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	419544	10.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1714648	17.96	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2022749	18.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	127762	7.73	ng/ul	0.00
58) Fluorene-d10	15.26	176	1475739	18.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	137040	8.34	ng/ul	0.00
71) Anthracene-d10	17.10	188	2294991	18.41	ng/ul	0.00
79) Pyrene-d10	19.40	212	2515749	18.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	2886484	19.27	ng/ul	0.00

Target Compounds

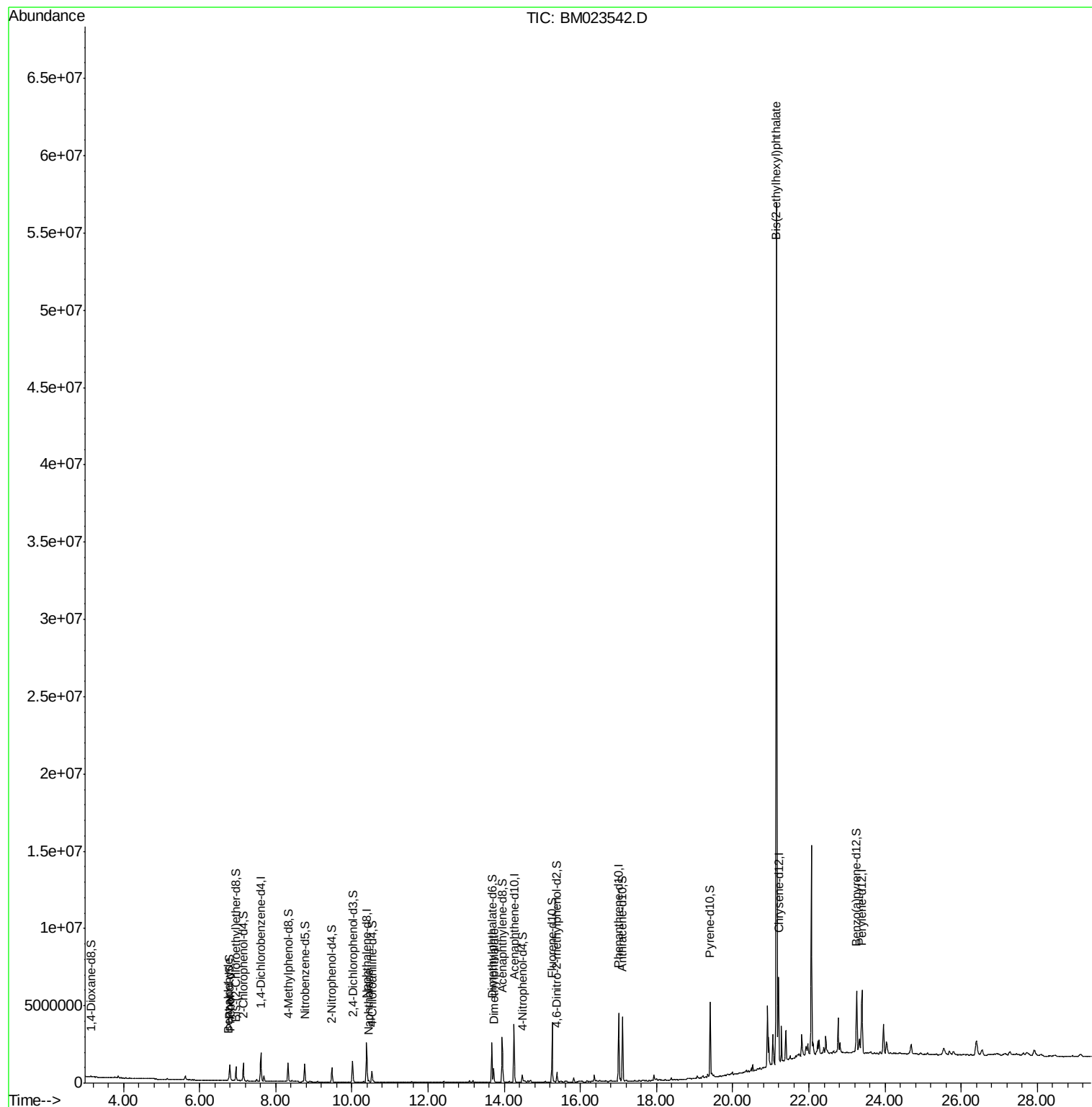
					Ovalue
4) Benzaldehyde	6.76	77	40768	1.661 ng/ul	96
6) Phenol	6.82	94	64476	1.469 ng/ul	96
28) Naphthalene	10.43	128	112052	1.048 ng/ul	98
45) Dimethylphthalate	13.72	163	563070	5.875 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2591057	26.359 ng/ul#	90

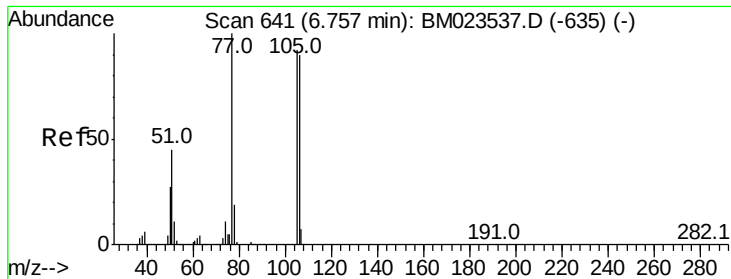
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.661 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM023542.D

Acq: 01 Nov 2019 04:40

Instrument :

BNA_M

ClientSampleId :

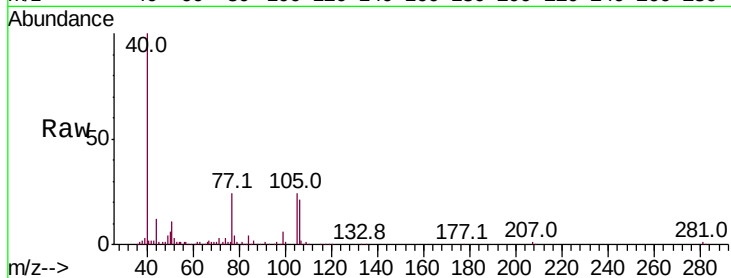
Tot Ion: 77 Resp: 40768

Ion Ratio Lower Upper

77 100

105 101.5 75.4 113.2

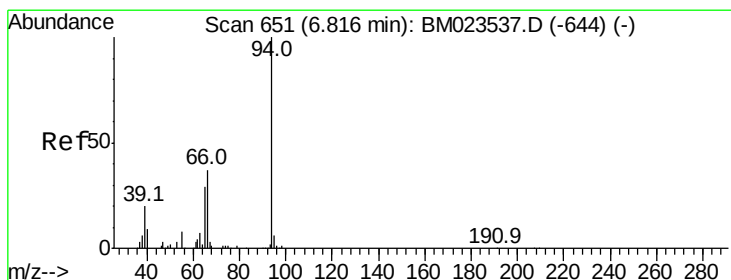
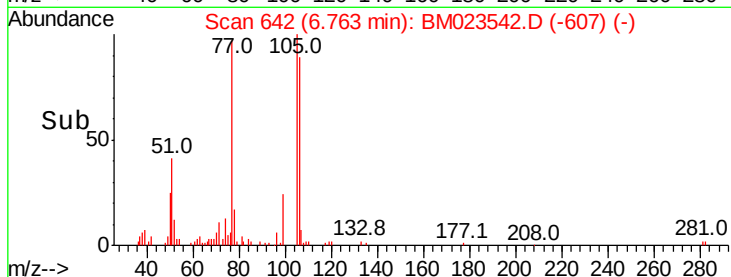
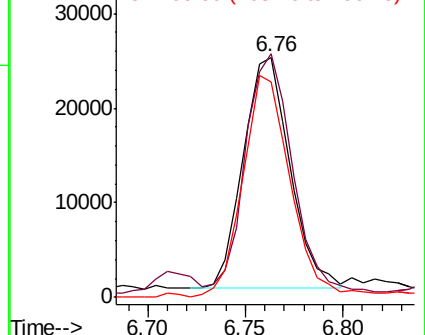
106 89.9 71.3 106.9



Abundance Ion 77.00 (76.70 to 77.70): BM023537.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM023537.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM023537.D (-635) (-)



#6

Phenol

Concen: 1.469 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM023542.D

Acq: 01 Nov 2019 04:40

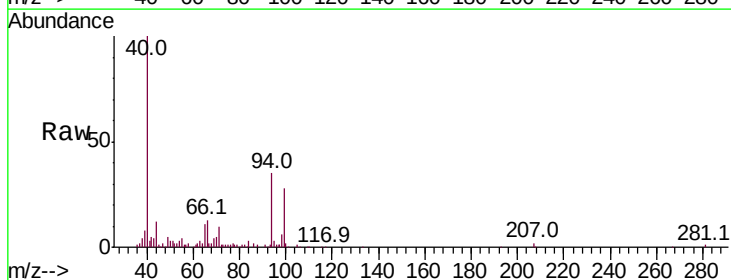
Tgt Ion: 94 Resp: 64476

Ion Ratio Lower Upper

94 100

65 30.7 22.9 34.3

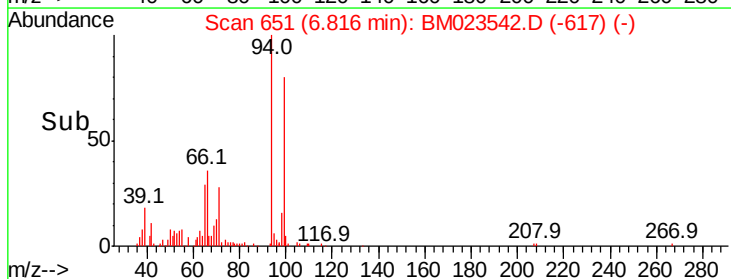
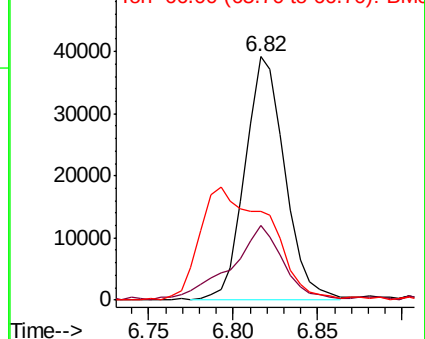
66 36.3 31.4 47.2

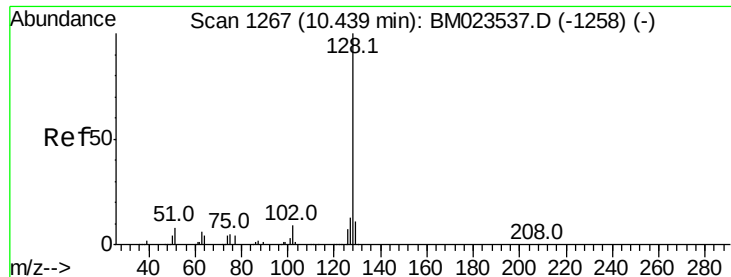


Abundance Ion 94.00 (93.70 to 94.70): BM023537.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM023537.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM023537.D (-644) (-)





#28

Naphthalene

Concen: 1.048 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM023542.D

Acq: 01 Nov 2019 04:40

Instrument :

BNA_M

ClientSampleId :

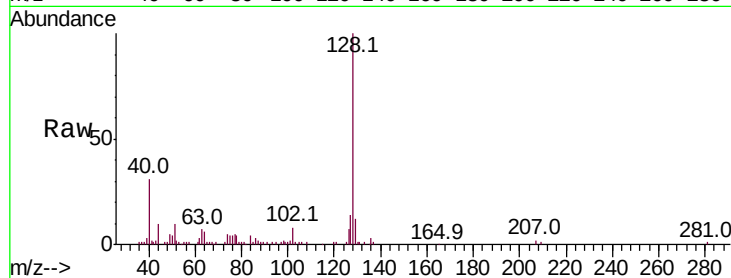
Tot Ion:128 Resp: 112052

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

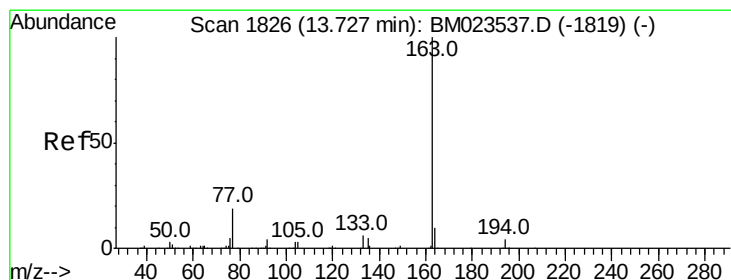
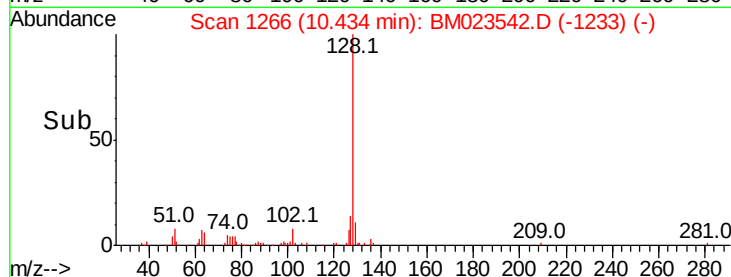
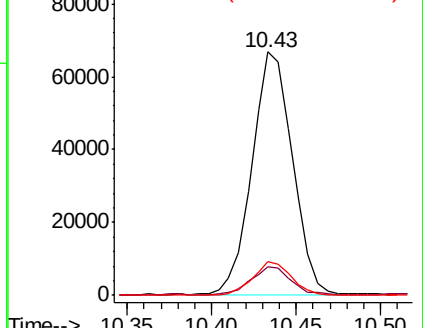
127 13.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 5.875 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM023542.D

Acq: 01 Nov 2019 04:40

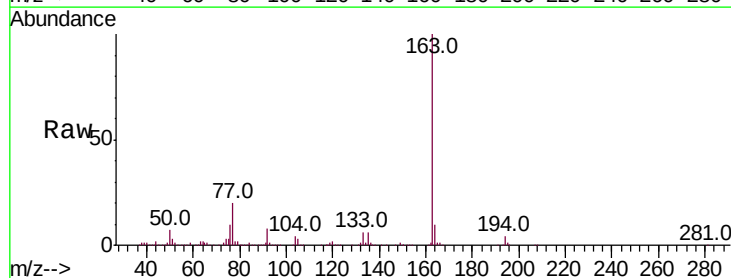
Tgt Ion:163 Resp: 563070

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

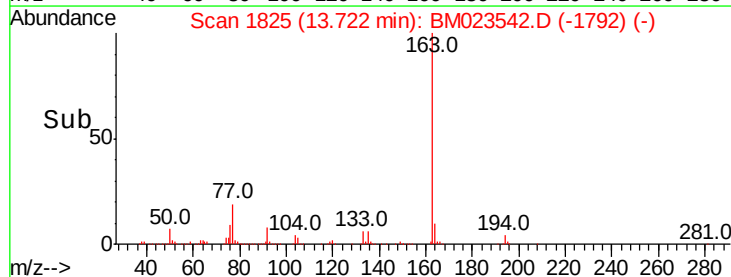
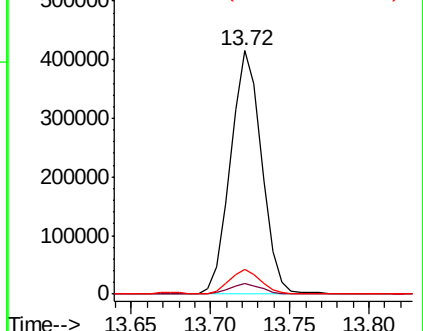
164 10.3 7.9 11.9

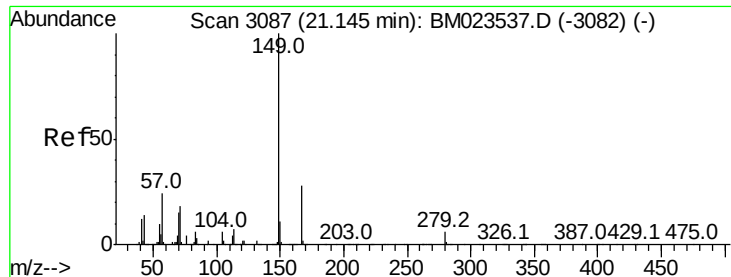


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.359 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM023542.D

Acq: 01 Nov 2019 04:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 2591057

Ion Ratio Lower Upper

149 100

167 34.4 22.9 34.3#

279 5.9 4.1 6.1

