

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005493.D
 Acq On : 19 May 2016 05:24
 Operator : UM/SJ
 Sample : H2954-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4082

Quant Time: May 19 06:37:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 14:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	19293	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	97967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	71738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	206884	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	380368	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	474725	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	734	1.46	ng/uL	0.00
5) Phenol-d5	6.99	99	26611	14.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	15647	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	20356	14.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	23309	14.77	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	9819	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	10239	13.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	22975	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	27215	15.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	91154	15.46	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	106278	15.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	14187	11.73	ng/ul	0.00
57) Fluorene-d10	15.46	176	88262	16.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	10182	9.34	ng/ul	0.00
70) Anthracene-d10	17.30	188	157775	16.58	ng/ul	0.00
76) Pyrene-d10	19.59	212	228815	14.96	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.51	264	352133	16.59	ng/ul	-0.01

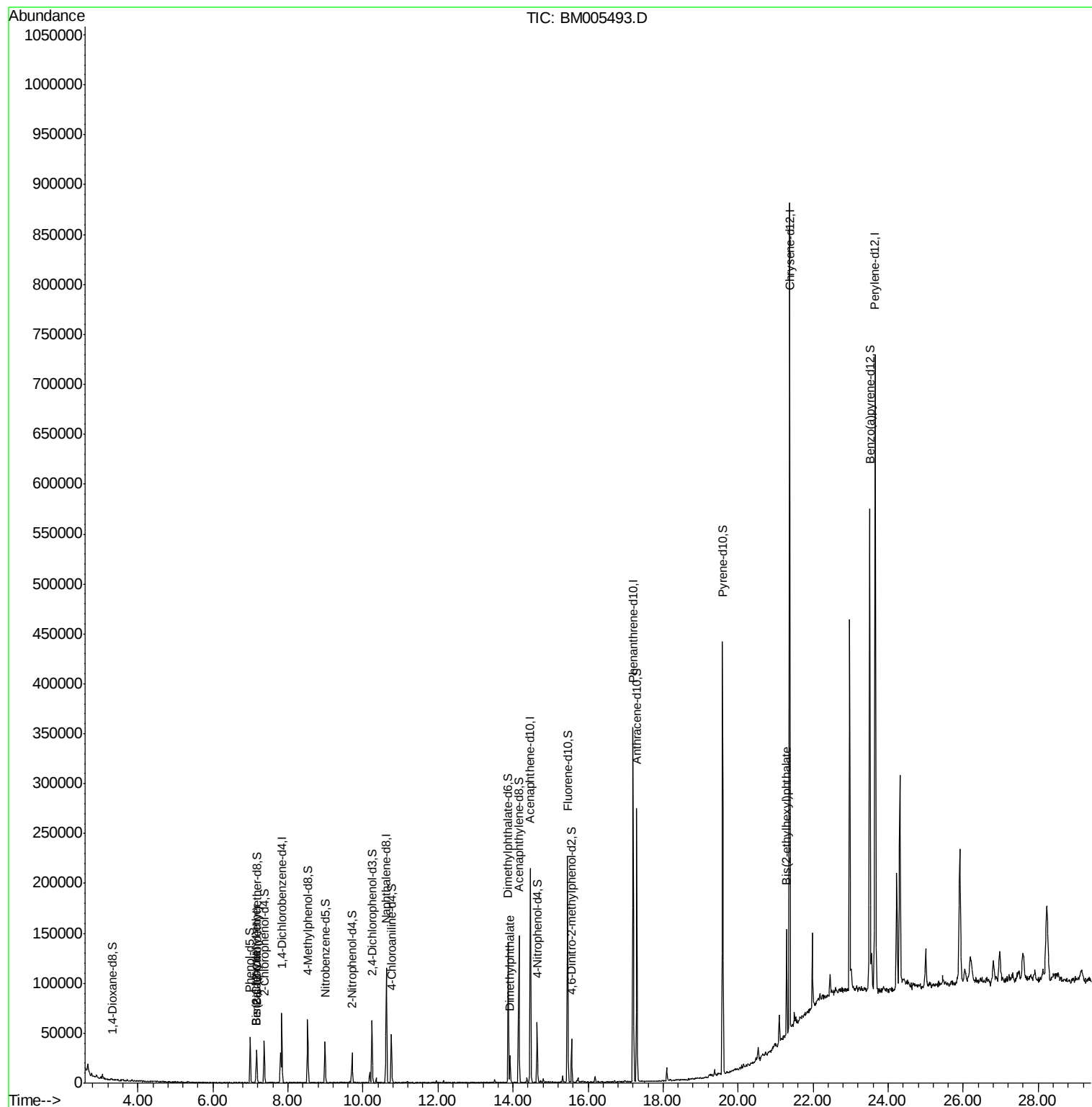
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	7.15	77	1064	1.18	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.15	93	2589	1.84	ng/ul#	21
44) Dimethylphthalate	13.92	163	16917	2.81	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	33867	2.62	ng/ul#	100

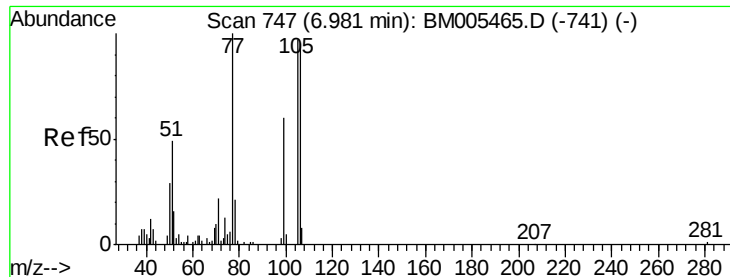
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.18 ng/ul

RT: 7.15 min Scan# 775

Delta R.T. 0.16 min

Lab File: BM005493.D

Acq: 19 May 2016 05:24

Instrument :

BNA_M

ClientSampled :

H4082

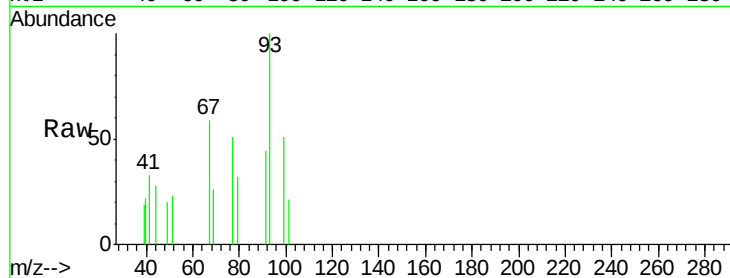
Tgt Ion: 77 Resp: 1064

Ion Ratio Lower Upper

77 100

105 0.0 77.6 116.4#

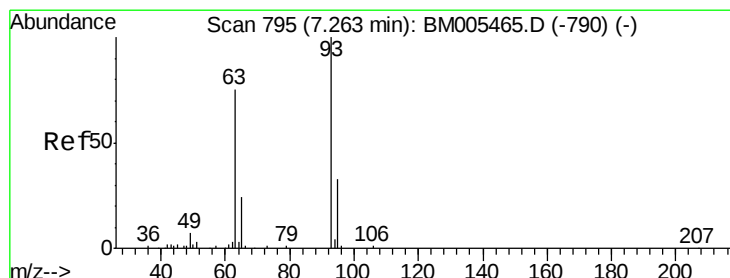
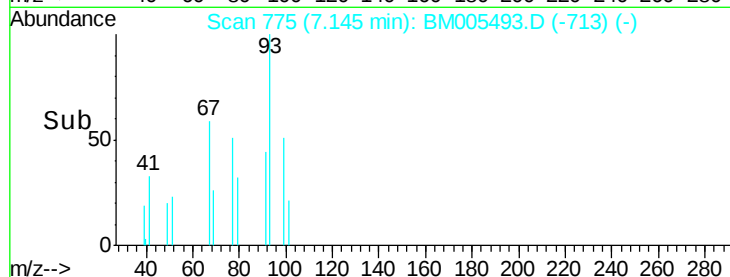
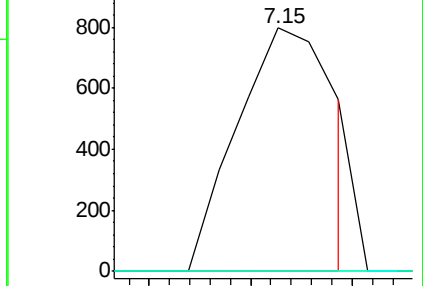
106 0.0 77.9 116.9#



Abundance Ion 77.00 (76.70 to 77.70): BM005493.D (-713) (-)

Ion 105.00 (104.70 to 105.70): BM005493.D (-713) (-)

Ion 106.00 (105.70 to 106.70): BM005493.D (-713) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.84 ng/ul

RT: 7.15 min Scan# 775

Delta R.T. -0.12 min

Lab File: BM005493.D

Acq: 19 May 2016 05:24

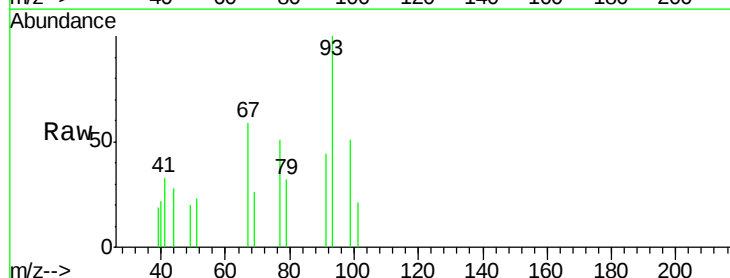
Tgt Ion: 93 Resp: 2589

Ion Ratio Lower Upper

93 100

63 0.0 60.6 90.8#

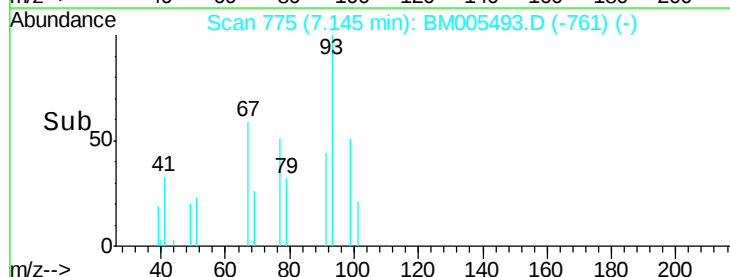
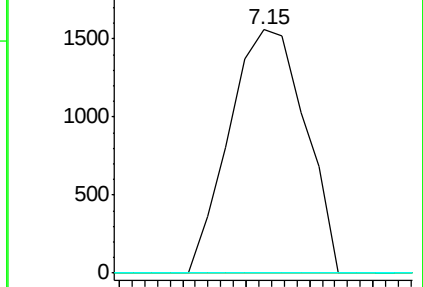
95 0.0 24.2 36.4#

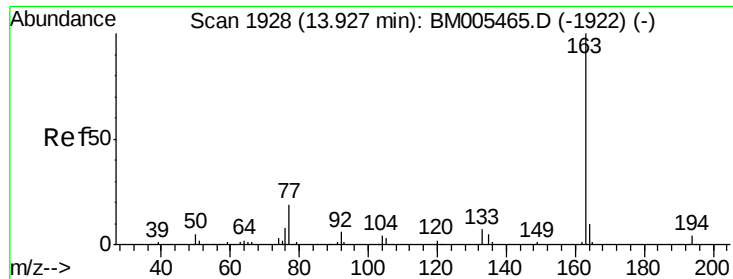


Abundance Ion 93.00 (92.70 to 93.70): BM005493.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BM005493.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BM005493.D (-761) (-)

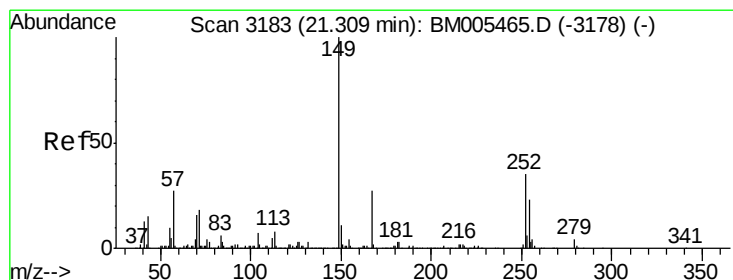
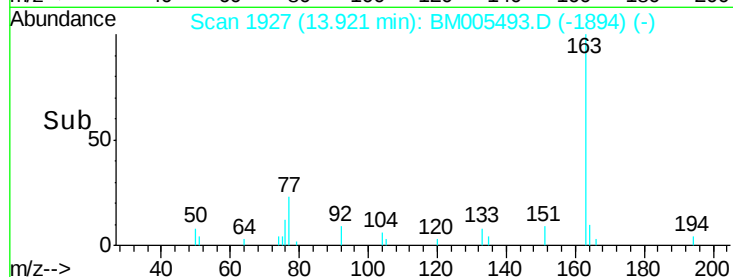
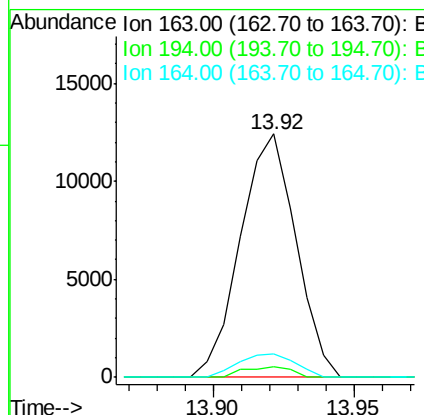
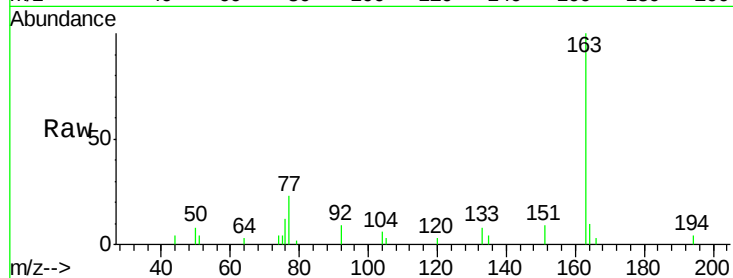




#44
 Dimethylphthalate
 Concen: 2.81 ng/ul
 RT: 13.92 min Scan# 1927
 Delta R.T. -0.01 min
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Tgt Ion:163 Resp: 16917
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 9.8 7.9 11.9



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.62 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.01 min
 Lab File: BM005493.D
 Acq: 19 May 2016 05:24

Tgt Ion:149 Resp: 33867
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.9 32.9
 279 4.6 3.0 4.4#

