

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Quant Time: May 16 03:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	47128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	218934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	138247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	345607	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	477499	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	465905	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1084	1.08	ng/uL	0.00
5) Phenol-d5	6.94	99	20389	4.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	62151	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	66260	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	41347	11.70	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	41192	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	46787	26.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	78195	23.77	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	321116	28.98	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	371659	28.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	4256	2.10	ng/ul	0.04
57) Fluorene-d10	15.39	176	280865	29.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	42420	21.82	ng/ul	0.00
70) Anthracene-d10	17.24	188	467298	30.59	ng/ul	0.00
76) Pyrene-d10	19.54	212	601547	27.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	631913	30.64	ng/ul	0.00

Target Compounds

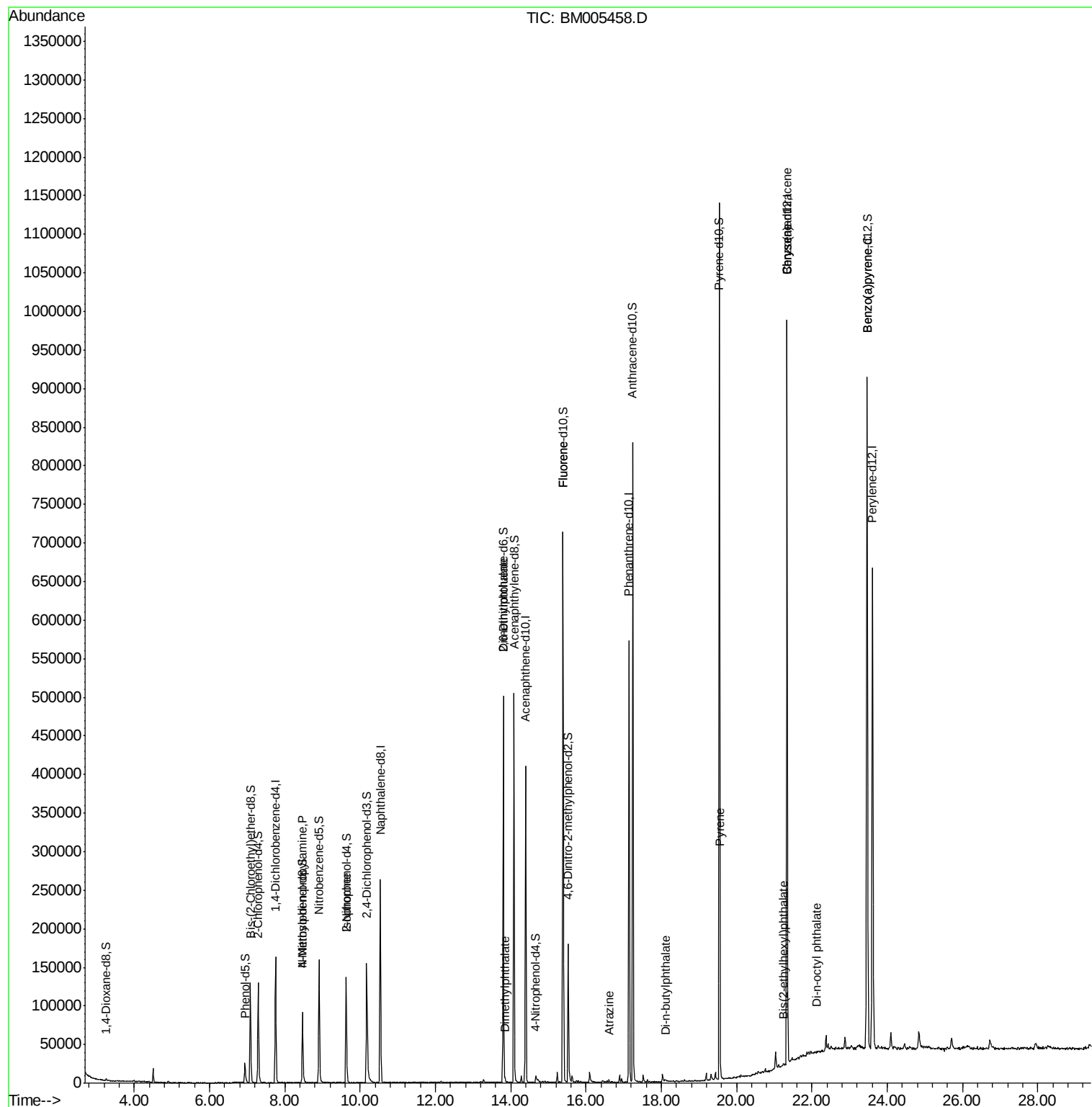
						Qvalue
15) N-Nitroso-di-n-propylamine	8.46	70	721	0.26	ng/ul#	1
21) Isophorone	9.63	82	3988	0.52	ng/ul#	67
44) Dimethylphthalate	13.85	163	4776	0.43	ng/ul#	91
45) 2,6-Dinitrotoluene	13.80	165	2023	0.93	ng/ul#	41
58) Fluorene	15.39	166	407	0.04	ng/ul#	9
67) Atrazine	16.61	200	278	0.08	ng/ul#	37
73) Di-n-butylphthalate	18.10	149	1754	0.09	ng/ul#	78
77) Pyrene	19.56	202	248	0.01	ng/ul#	1
80) Benzo(a)anthracene	21.34	228	1196	0.04	ng/ul#	54
81) Bis(2-ethylhexyl)phthalate	21.24	149	1324	0.08	ng/ul#	81
82) Chrysene	21.34	228	1196	0.05	ng/ul#	52
84) Di-n-octyl phthalate	22.13	149	916	0.03	ng/ul#	1
88) Benzo(a)pyrene	23.46	252	1981	0.08	ng/ul#	49

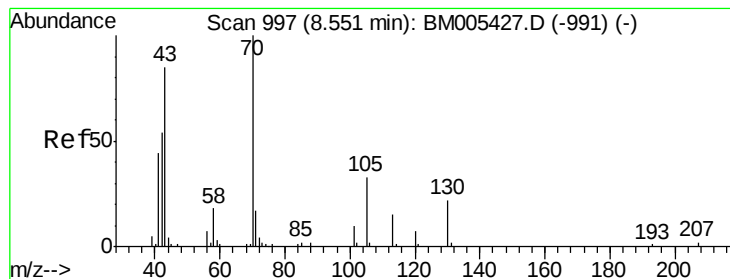
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 0.26 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. -0.09 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

Instrument :

BNA_M

ClientSampleId :

D9X09

Tgt Ion: 70 Resp: 721

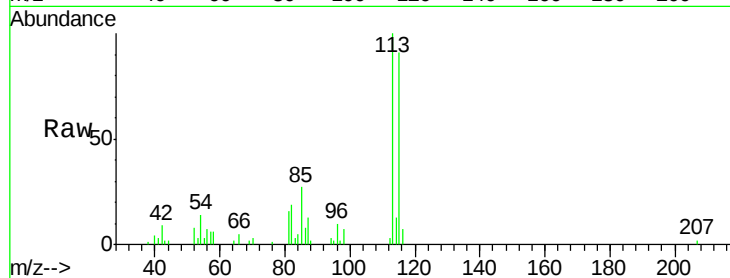
Ion Ratio Lower Upper

70 100

42 342.8 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

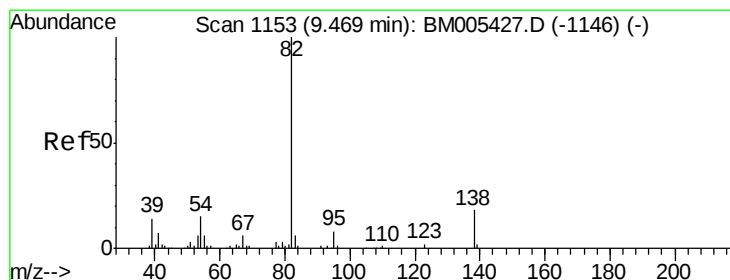
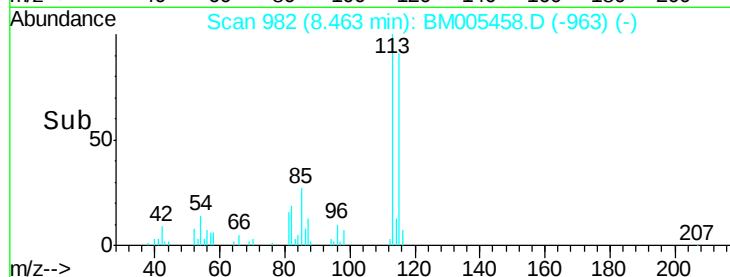
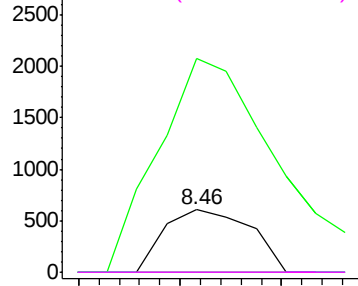


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 0.52 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.16 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

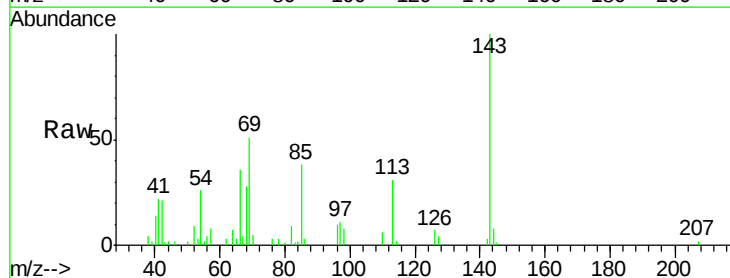
Tgt Ion: 82 Resp: 3988

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

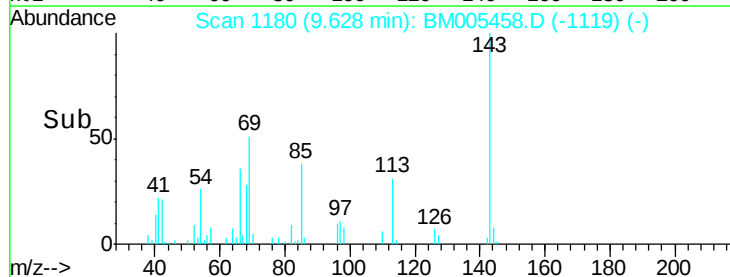
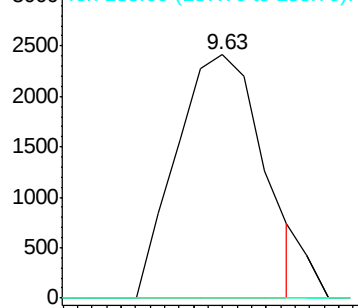
138 0.0 13.4 20.2#

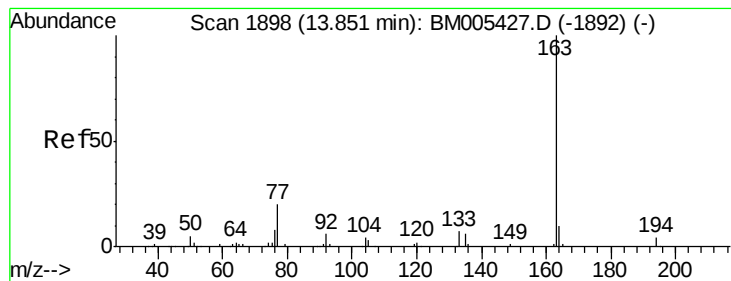


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 0.43 ng/ul

RT: 13.85 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

Instrument :

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ClientSampleId :

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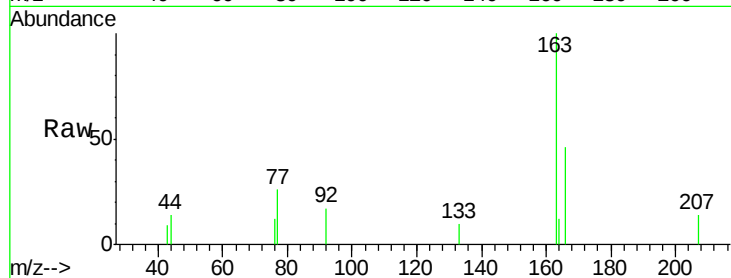
Tgt Ion:163 Resp: 4776

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

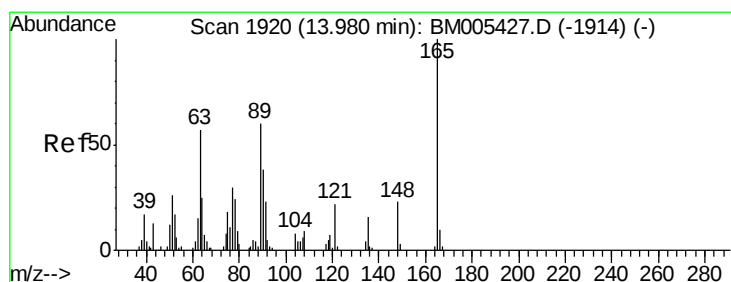
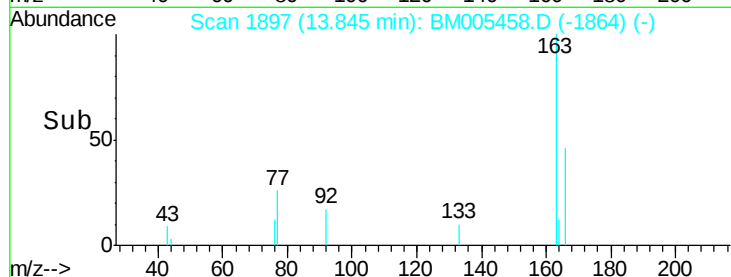
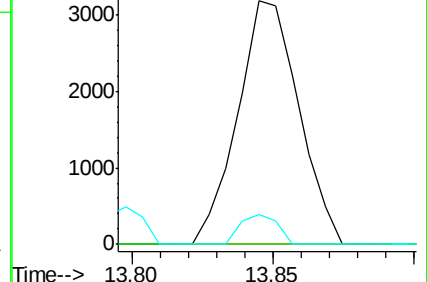
164 12.4 7.9 11.9#



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



#45

2,6-Dinitrotoluene

Concen: 0.93 ng/ul

RT: 13.80 min Scan# 1889

Delta R.T. -0.18 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

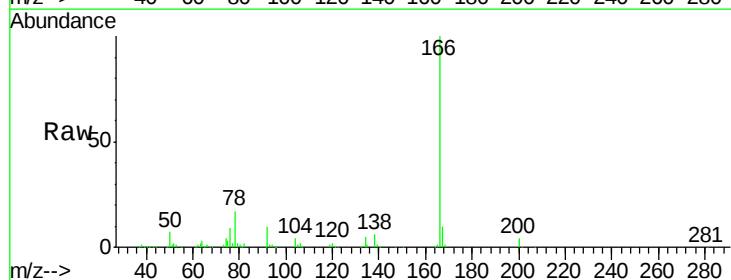
Tgt Ion:165 Resp: 2023

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

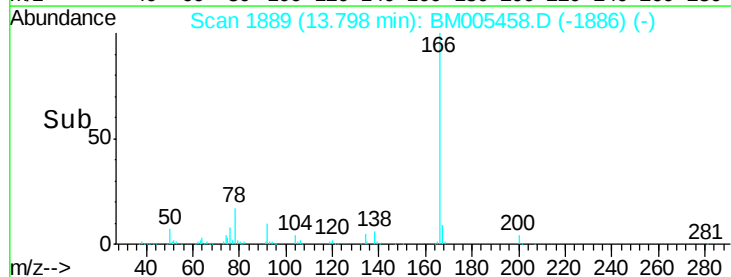
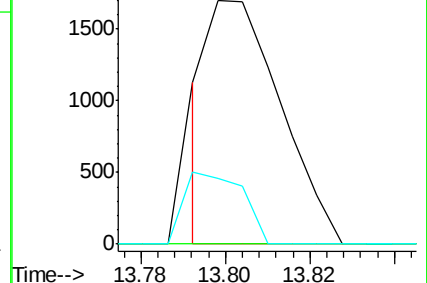
121 26.8 21.0 31.4

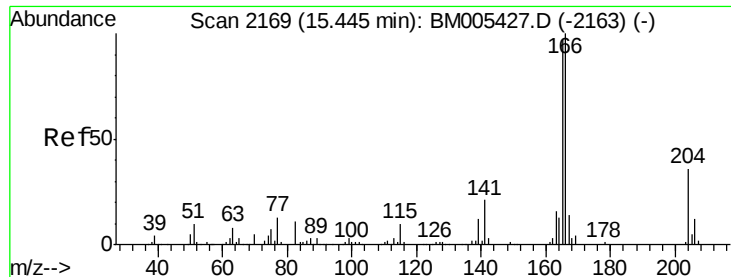


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#58

Fluorene

Concen: 0.04 ng/ul

RT: 15.39 min Scan# 2160

Delta R.T. -0.05 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

Instrument :

BNA_M

ClientSampleId :

D9X09

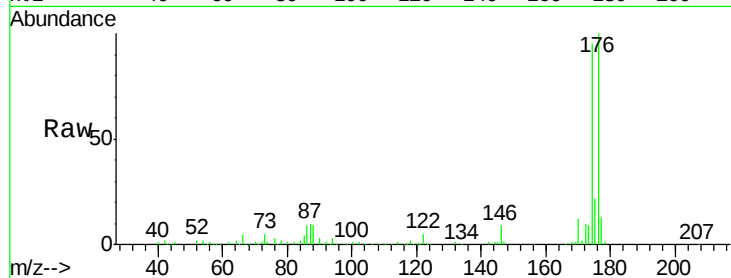
Tgt Ion:166 Resp: 407

Ion Ratio Lower Upper

166 100

165 0.0 77.9 116.9#

167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.39

400

300

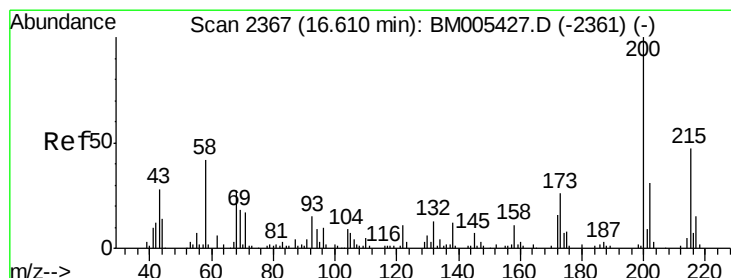
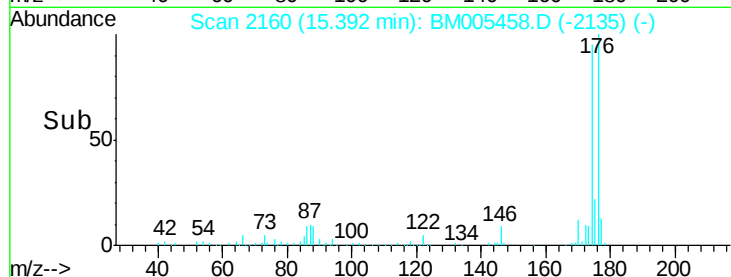
200

100

0

15.38 15.40

Time-->



#67

Atrazine

Concen: 0.08 ng/ul

RT: 16.61 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

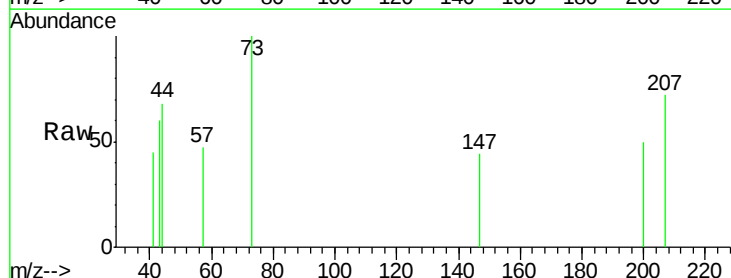
Tgt Ion:200 Resp: 278

Ion Ratio Lower Upper

200 100

173 0.0 21.0 31.4#

215 0.0 37.4 56.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.61

400

300

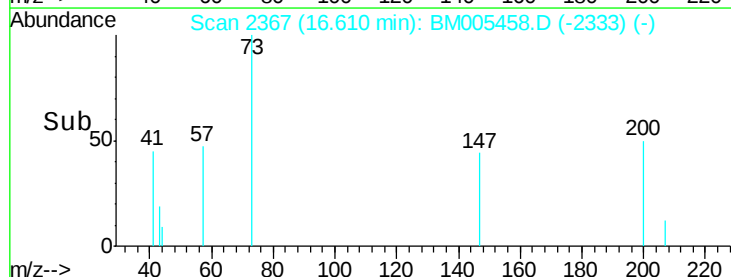
200

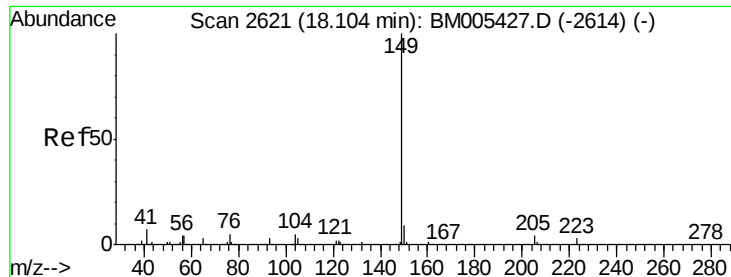
100

0

16.59 16.60 16.61 16.62

Time-->





#73

Di-n-butylphthalate

Concen: 0.09 ng/ul

RT: 18.10 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

Instrument :

BNA_M

ClientSampleId :

D9X09

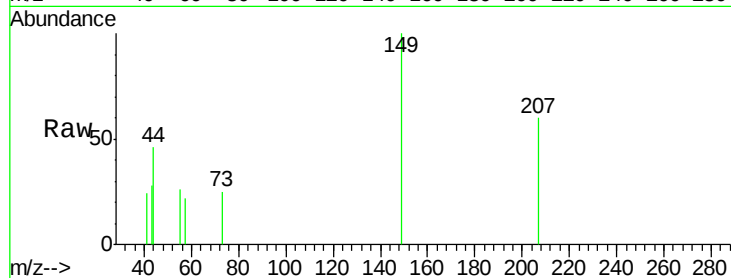
Tgt Ion:149 Resp: 1754

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

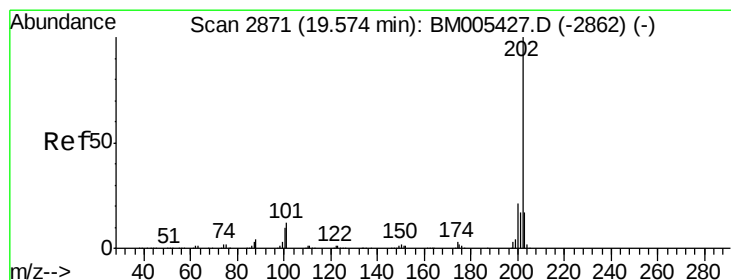
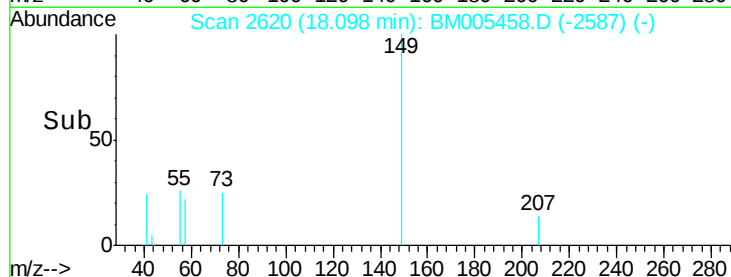
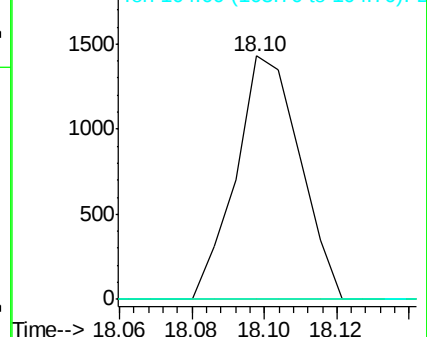
104 0.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Pyrene

Concen: 0.01 ng/ul

RT: 19.56 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

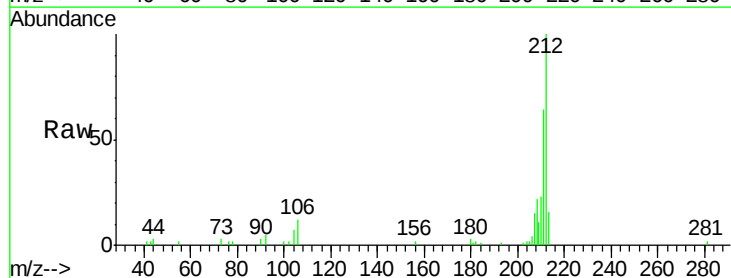
Tgt Ion:202 Resp: 248

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

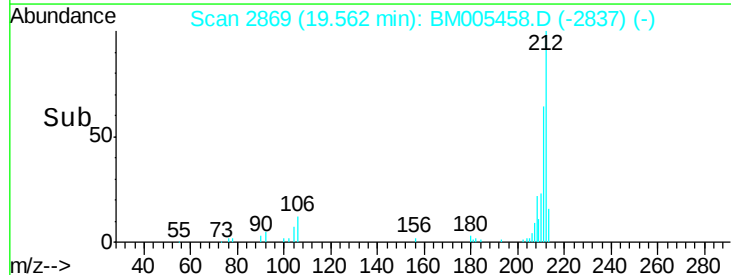
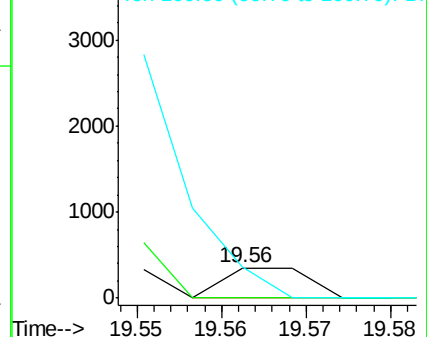
100 103.1 8.4 12.6#

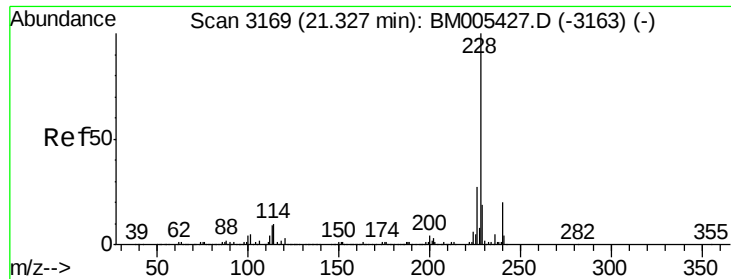


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

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BNA_M

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D9X09

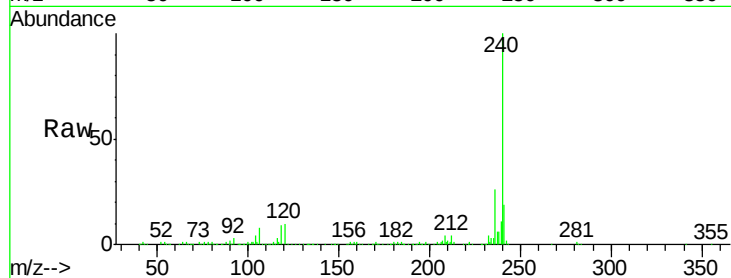
Tgt Ion:228 Resp: 1196

Ion Ratio Lower Upper

228 100

229 35.9 15.5 23.3#

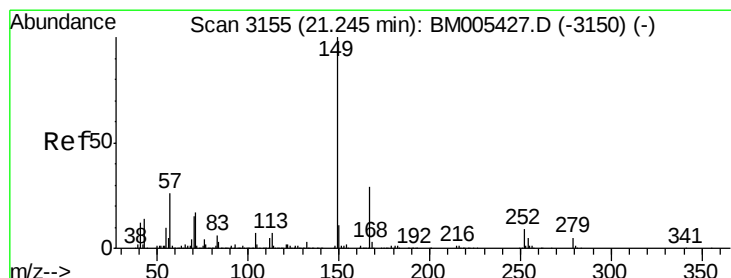
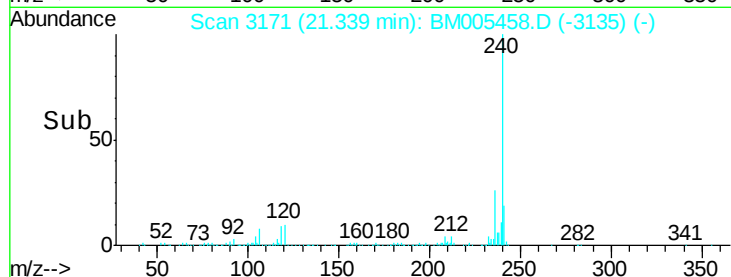
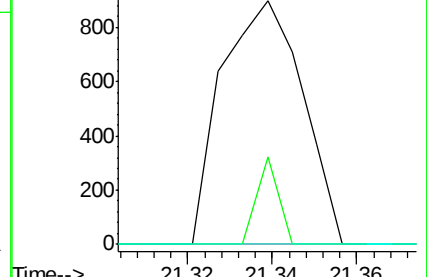
226 0.0 21.8 32.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

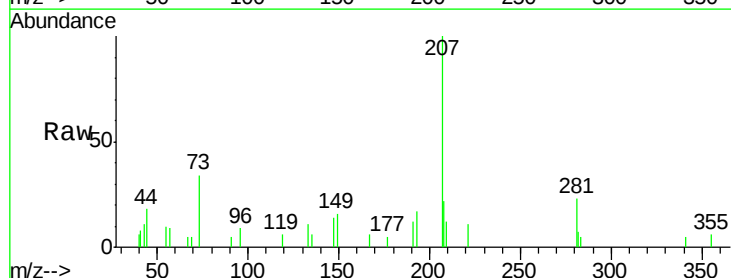
Tgt Ion:149 Resp: 1324

Ion Ratio Lower Upper

149 100

167 37.7 21.9 32.9#

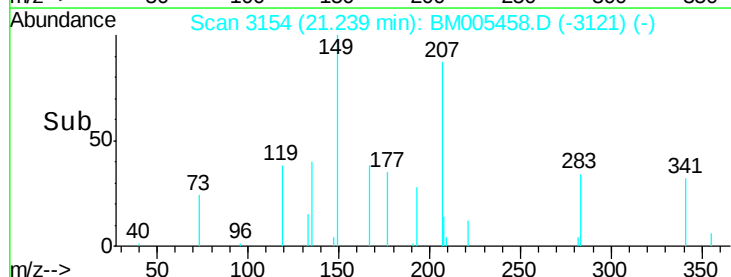
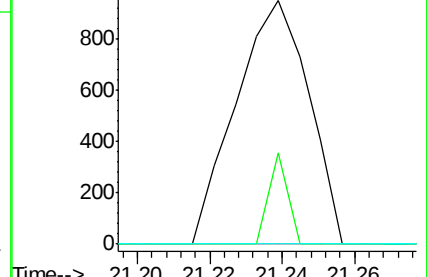
279 0.0 3.0 4.4#

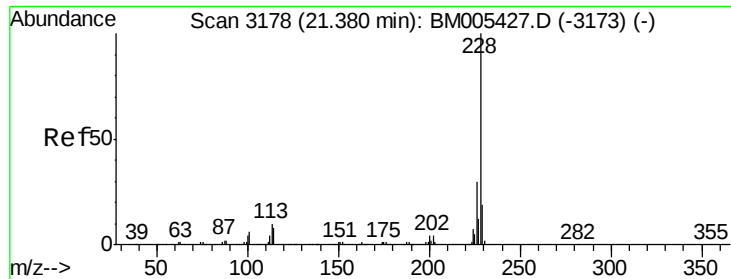


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.05 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.04 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

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D9X09

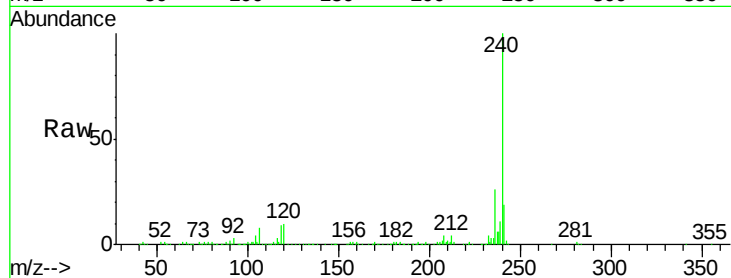
Tgt Ion:228 Resp: 1196

Ion Ratio Lower Upper

228 100

226 0.0 23.6 35.4#

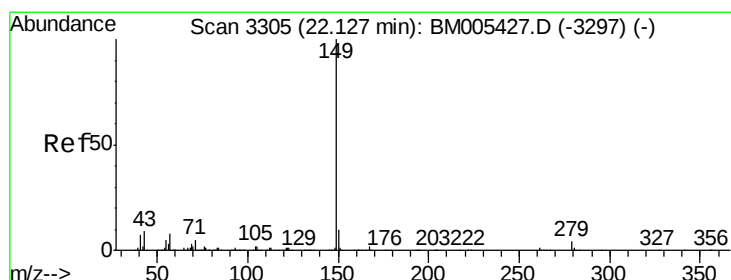
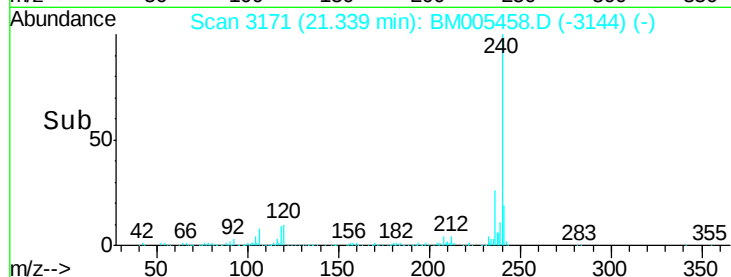
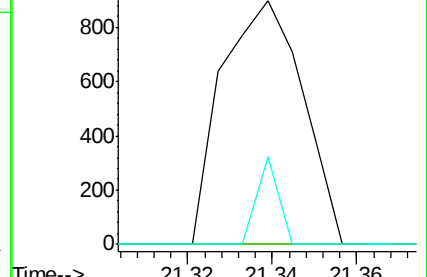
229 35.9 15.4 23.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.03 ng/ul

RT: 22.13 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

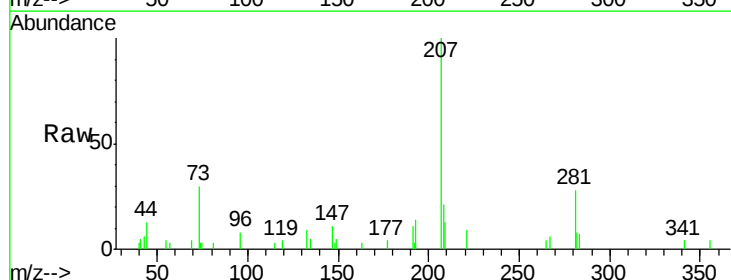
Tgt Ion:149 Resp: 916

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

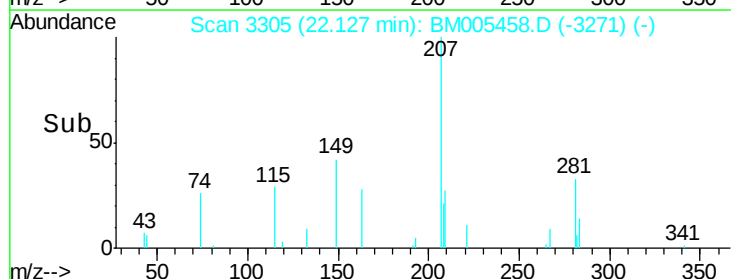
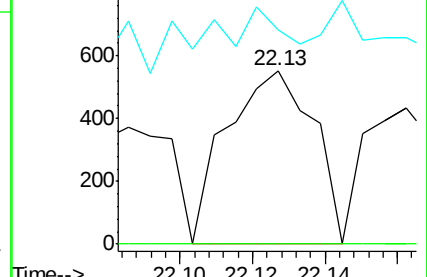
43 123.4 7.4 11.0#

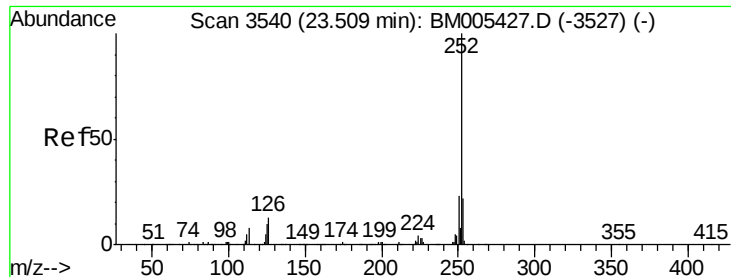


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#88

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.46 min Scan# 3532

Delta R.T. -0.05 min

Lab File: BM005458.D

Acq: 14 May 2016 09:59

Instrument :

BNA_M

ClientSampleId :

D9X09

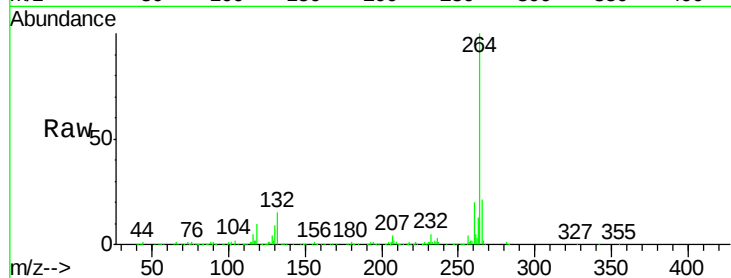
Tgt Ion: 252 Resp: 1981

Ion Ratio Lower Upper

252 100

253 44.6 17.5 26.3#

125 32.6 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

