

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005472.D
 Acq On : 18 May 2016 16:41
 Operator : UM/SJ
 Sample : PB90299BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK99

Quant Time: May 19 01:44:03 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	41363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	213232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	147787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	391341	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	594474	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	699643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	4500	4.19	ng/uL	0.00
5) Phenol-d5	6.99	99	96656	24.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	62666	28.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	77881	25.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	84458	24.96	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	40897	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	44615	26.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	82220	24.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	138847	36.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	365711	30.10	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	405551	28.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	68972	27.67	ng/ul	0.00
57) Fluorene-d10	15.46	176	316074	29.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	48475	23.50	ng/ul	0.00
70) Anthracene-d10	17.30	188	554485	30.81	ng/ul	0.00
76) Pyrene-d10	19.59	212	709120	29.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	969858	31.01	ng/ul	0.00

Target Compounds

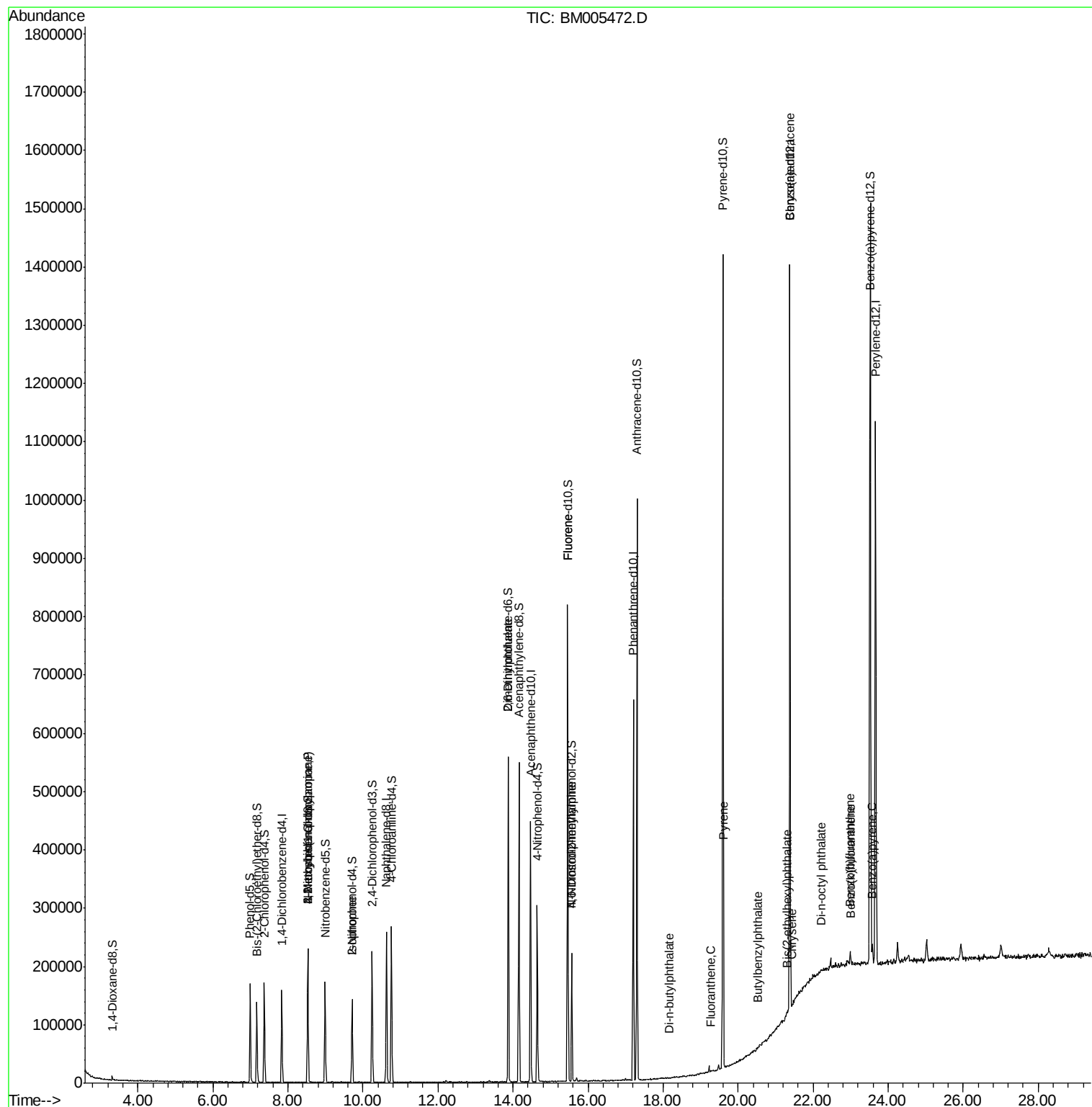
						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.53	45	598	0.14	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.53	70	2110	0.73	ng/ul#	1
21) Isophorone	9.71	82	4143	0.53	ng/ul#	67
45) 2,6-Dinitrotoluene	13.88	165	2223	0.93	ng/ul#	34
58) Fluorene	15.46	166	377	0.03	ng/ul#	9
64) N-Nitrosodiphenylamine	15.57	169	282	0.03	ng/ul#	25
73) Di-n-butylphthalate	18.17	149	271	0.01	ng/ul#	78
74) Fluoranthene	19.26	202	573	0.02	ng/ul#	72
77) Pyrene	19.62	202	727	0.02	ng/ul#	17
78) Butylbenzylphthalate	20.53	149	265	0.02	ng/ul#	22
80) Benzo(a)anthracene	21.38	228	1769	0.05	ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	21.32	149	165	0.01	ng/ul#	52
82) Chrysene	21.42	228	615	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	215	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.99	252	158	0.00	ng/ul#	12
86) Benzo(k)fluoranthene	23.02	252	137	0.00	ng/ul#	60
88) Benzo(a)pyrene	23.58	252	109	0.00	ng/ul#	1

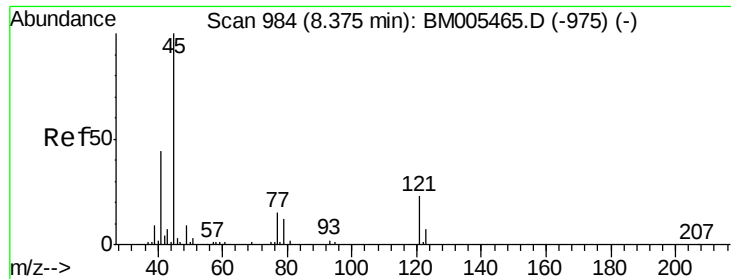
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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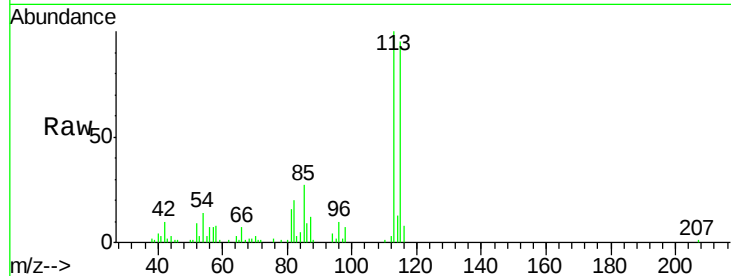




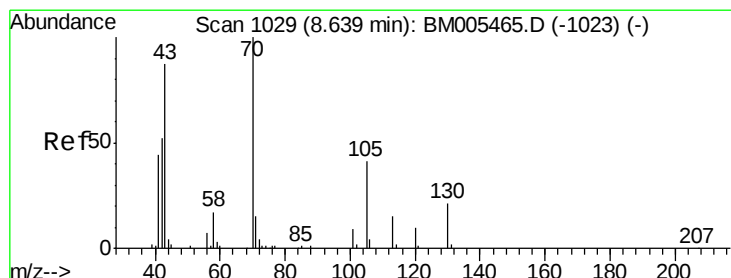
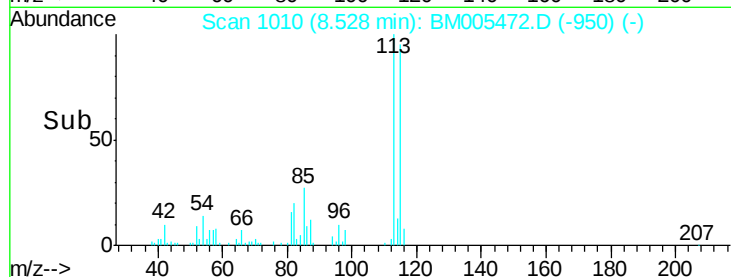
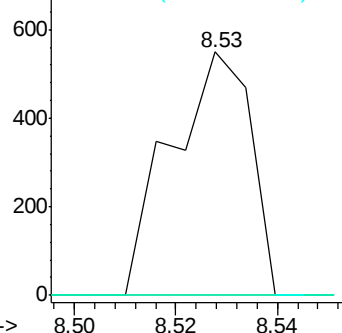
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.14 ng/ul
 RT: 8.53 min Scan# 1010
 Delta R.T. 0.15 min
 Lab File: BM005472.D
 Acq: 18 May 2016 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SBLK99

Tgt Ion: 45 Resp: 598
 Ion Ratio Lower Upper
 45 100
 77 0.0 12.1 18.1#
 79 0.0 9.0 13.4#

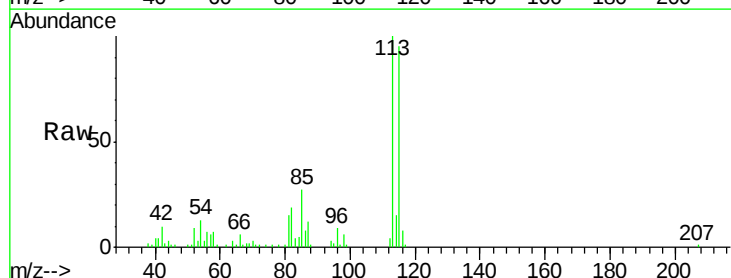


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

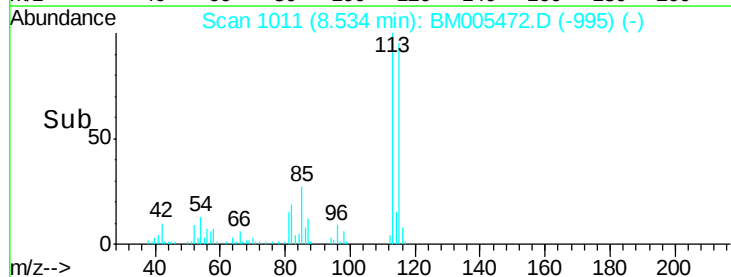
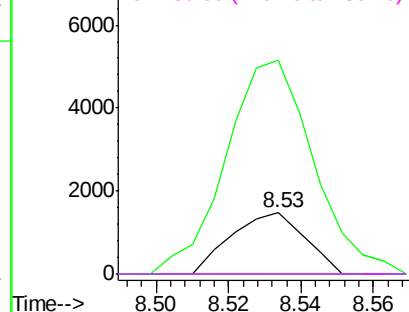


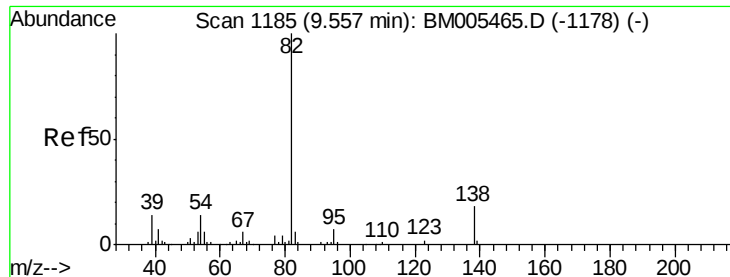
#15
 N-Nitroso-di-n-propylamine
 Concen: 0.73 ng/ul
 RT: 8.53 min Scan# 1011
 Delta R.T. -0.11 min
 Lab File: BM005472.D
 Acq: 18 May 2016 16:41

Tgt Ion: 70 Resp: 2110
 Ion Ratio Lower Upper
 70 100
 42 348.8 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

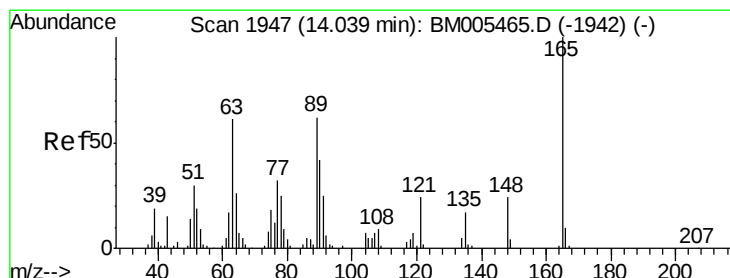
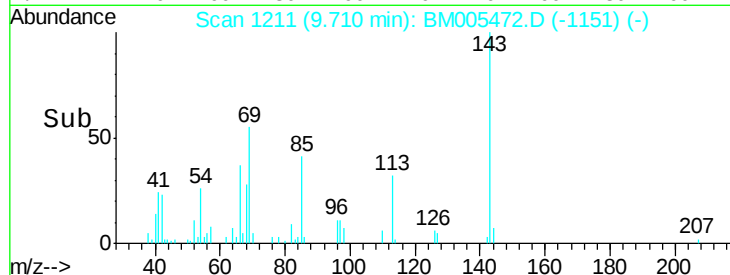
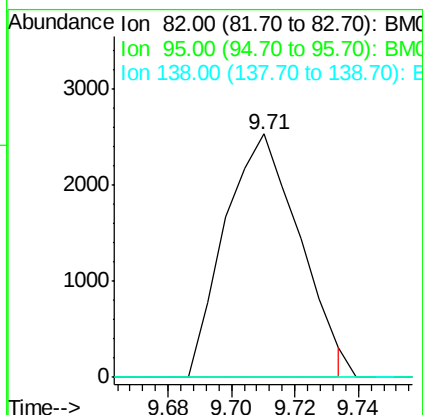
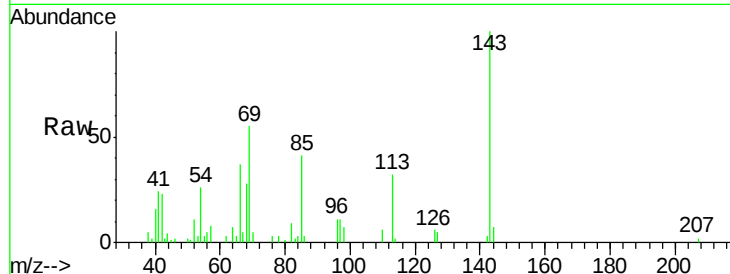




#21
Isophorone
Concen: 0.53 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BM005472.D
Acq: 18 May 2016 16:41

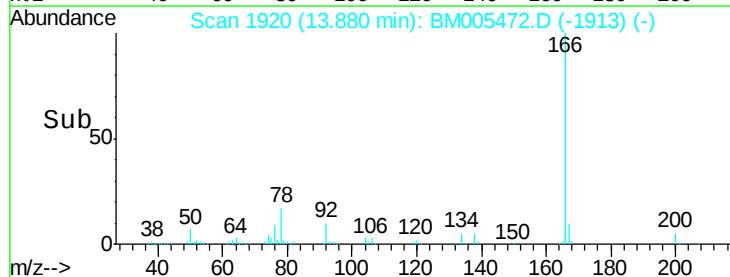
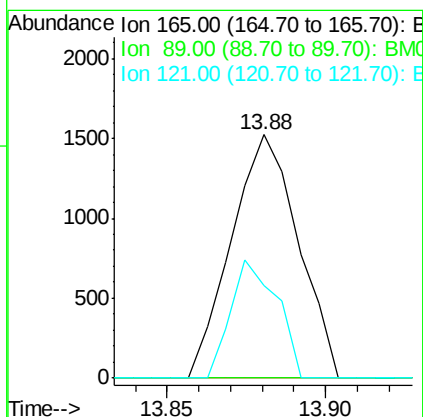
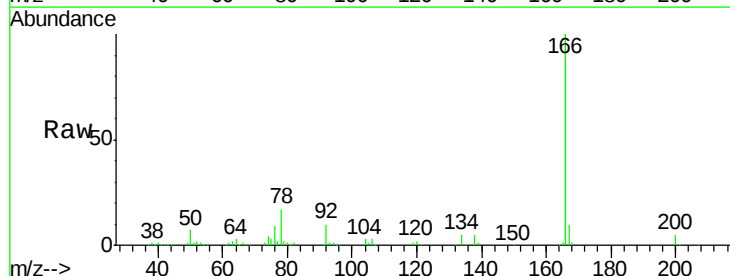
Instrument :
BNA_M
ClientSampleId :
SBLK99

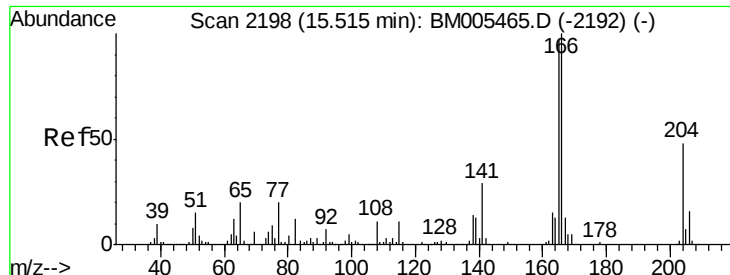
Tgt Ion: 82 Resp: 4143
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.2#



#45
2,6-Dinitrotoluene
Concen: 0.93 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. -0.16 min
Lab File: BM005472.D
Acq: 18 May 2016 16:41

Tgt Ion: 165 Resp: 2223
Ion Ratio Lower Upper
165 100
89 0.0 52.2 78.4#
121 38.0 21.0 31.4#





#58

Fluorene

Concen: 0.03 ng/ul

RT: 15.46 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99

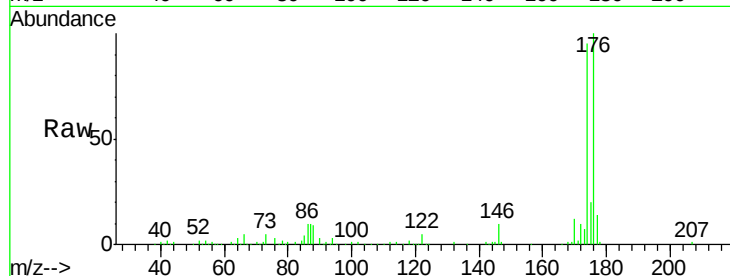
Tgt Ion:166 Resp: 377

Ion Ratio Lower Upper

166 100

165 0.0 77.9 116.9#

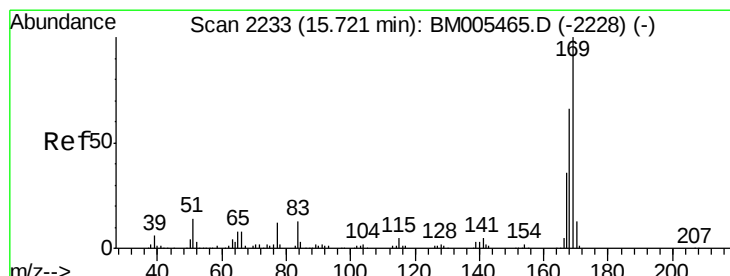
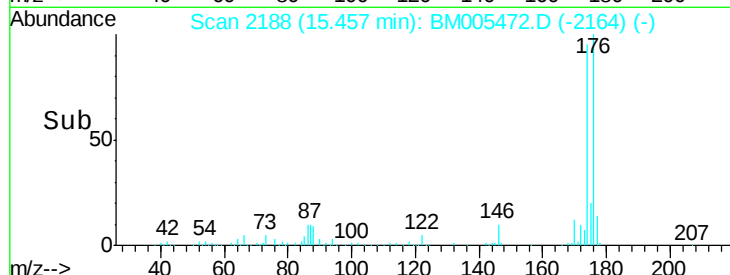
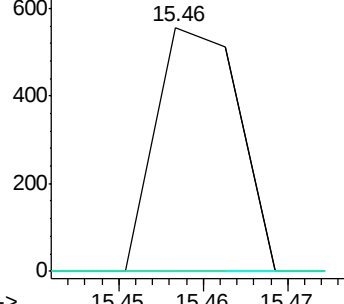
167 0.0 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 0.03 ng/ul

RT: 15.57 min Scan# 2208

Delta R.T. -0.15 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

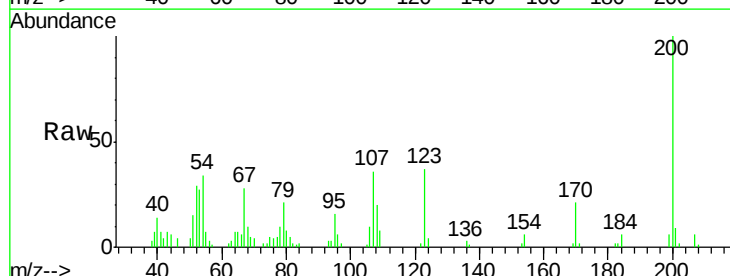
Tgt Ion:169 Resp: 282

Ion Ratio Lower Upper

169 100

168 0.0 52.9 79.3#

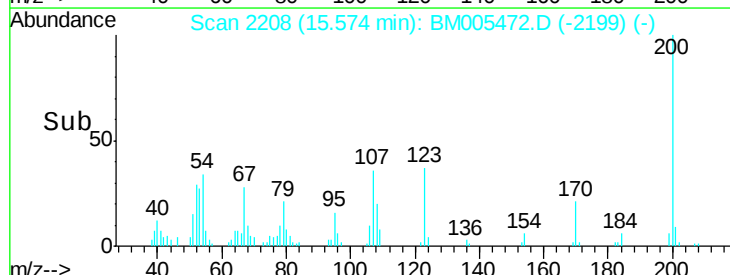
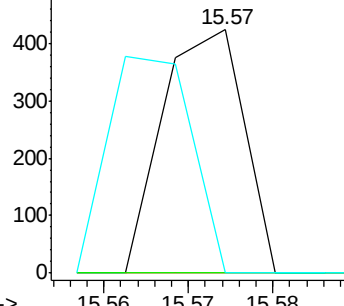
167 0.0 28.2 42.4#

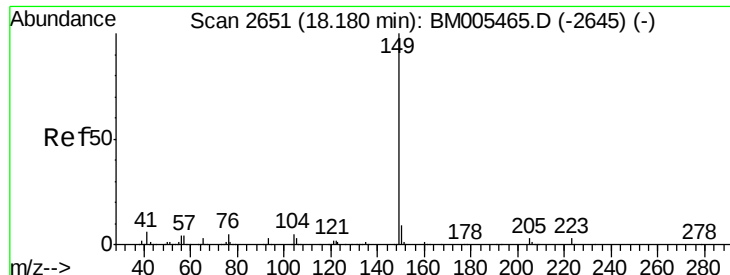


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.01 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99

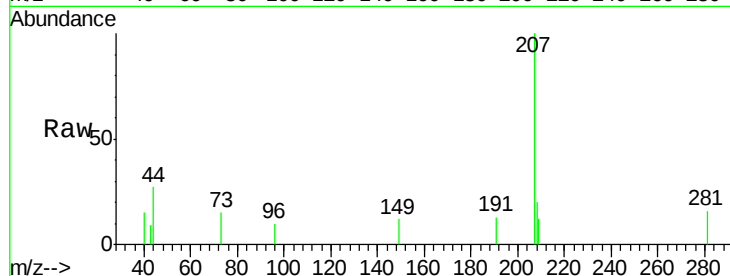
Tgt Ion:149 Resp: 271

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

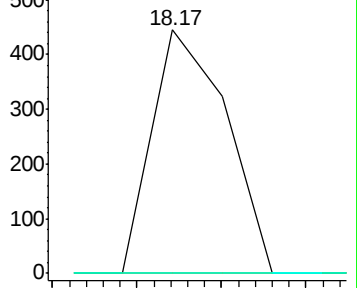
104 0.0 4.1 6.1#



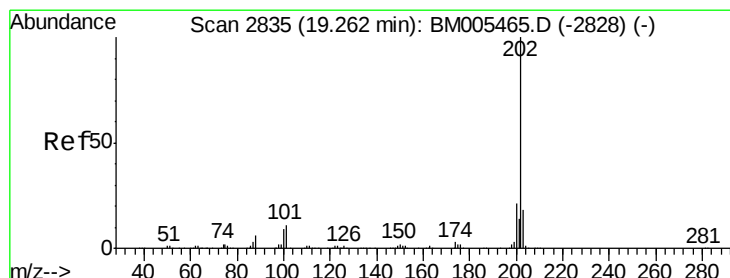
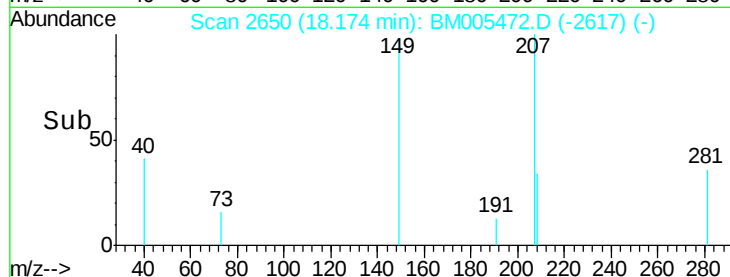
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.16 18.17 18.18 18.19



#74

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

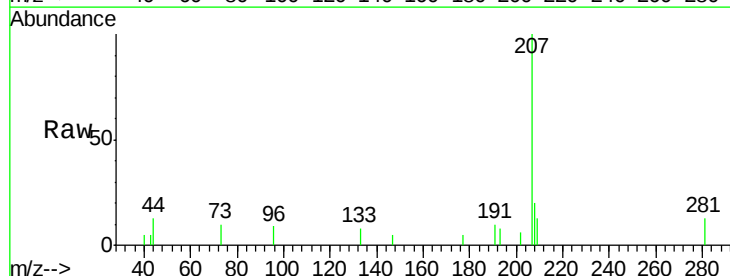
Tgt Ion:202 Resp: 573

Ion Ratio Lower Upper

202 100

101 0.0 9.2 13.8#

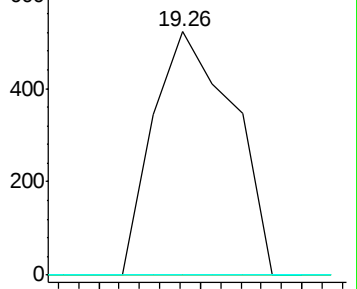
100 0.0 7.1 10.7#



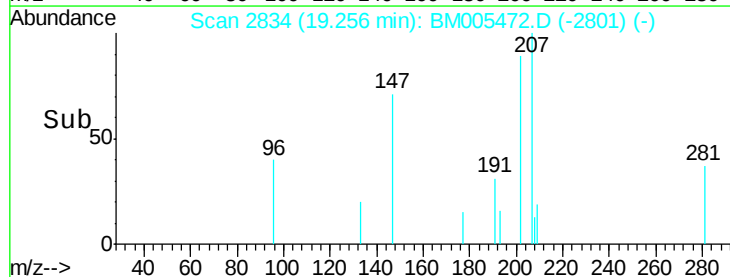
Abundance Ion 202.00 (201.70 to 202.70): E

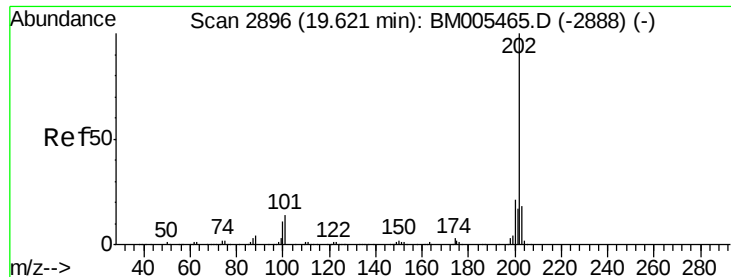
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.24 19.26 19.28





#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99

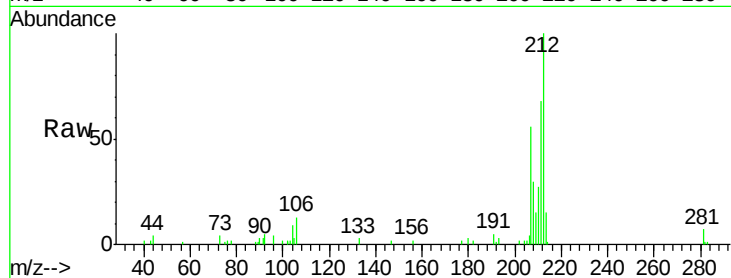
Tgt Ion:202 Resp: 727

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

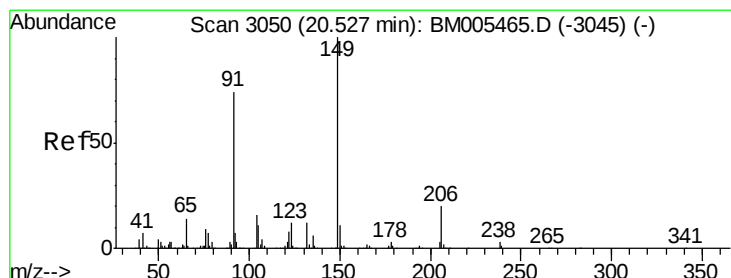
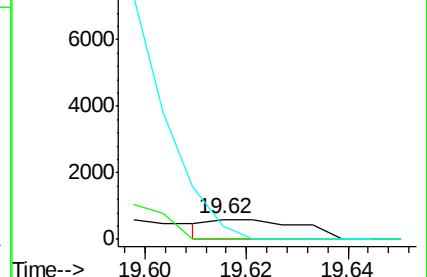
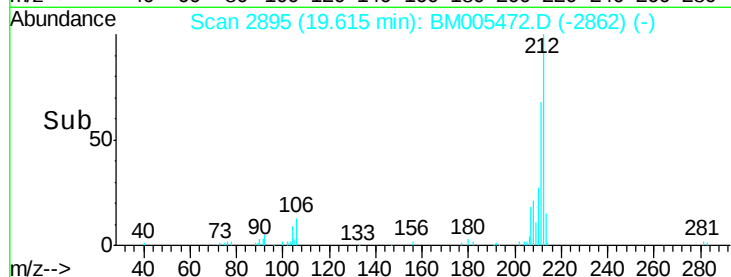
100 65.6 8.4 12.6#



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



#78

Butylbenzylphthalate

Concen: 0.02 ng/ul

RT: 20.53 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

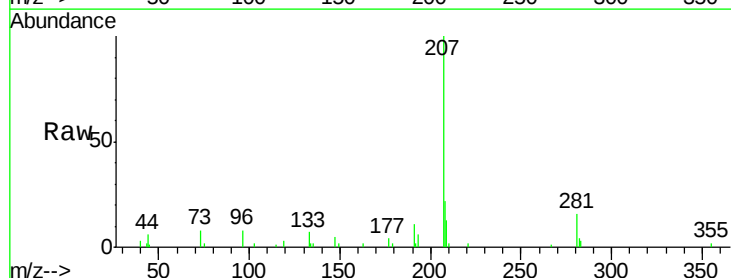
Tgt Ion:149 Resp: 265

Ion Ratio Lower Upper

149 100

91 0.0 58.4 87.6#

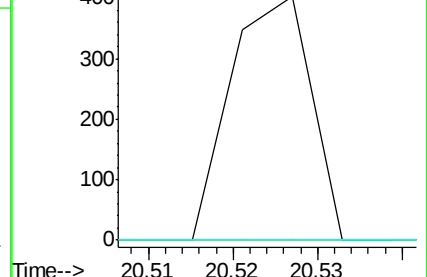
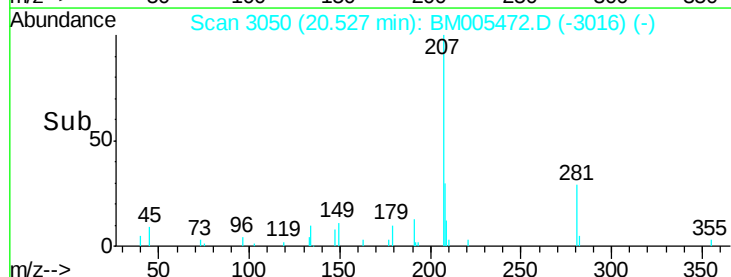
206 0.0 17.3 25.9#

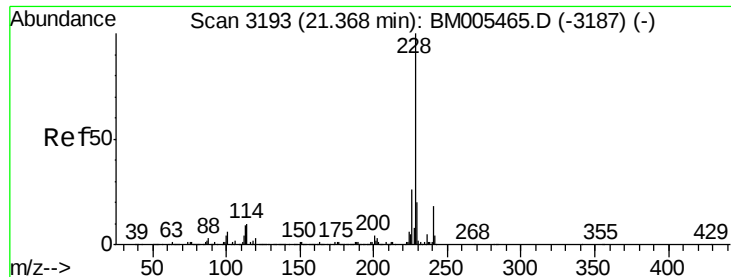


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

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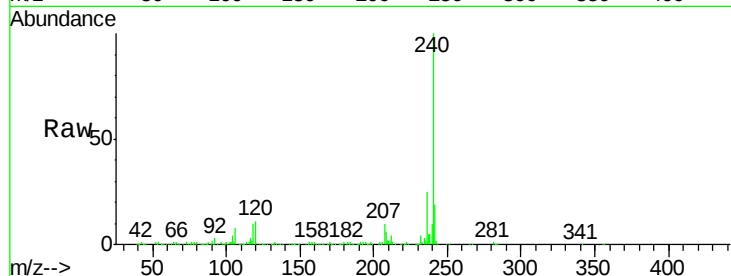
Tgt Ion:228 Resp: 1769

Ion Ratio Lower Upper

228 100

229 24.8 15.5 23.3#

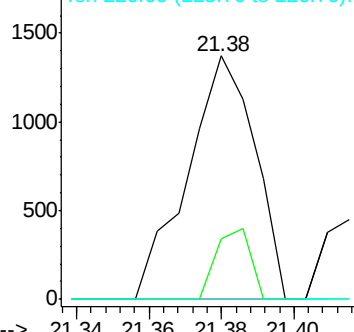
226 0.0 21.8 32.8#



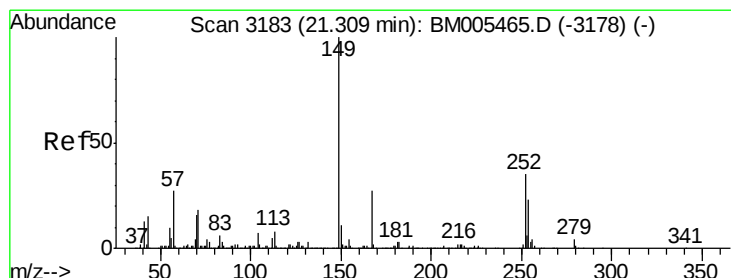
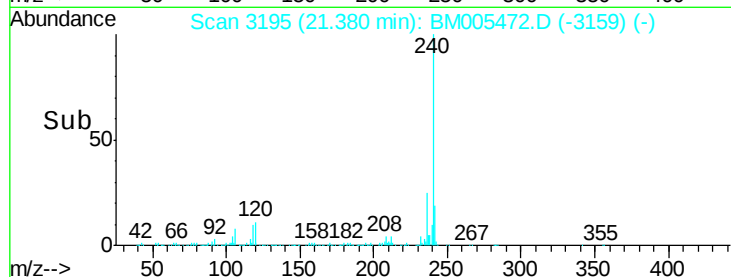
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.01 ng/ul

RT: 21.32 min Scan# 3184

Delta R.T. 0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

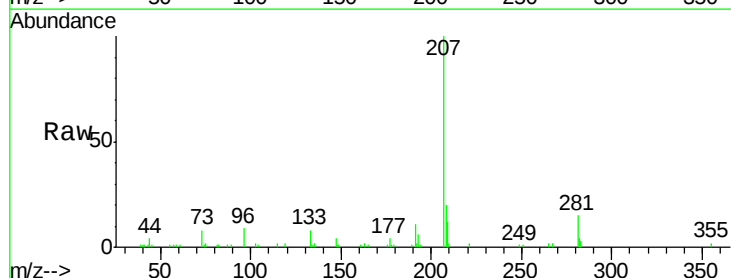
Tgt Ion:149 Resp: 165

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

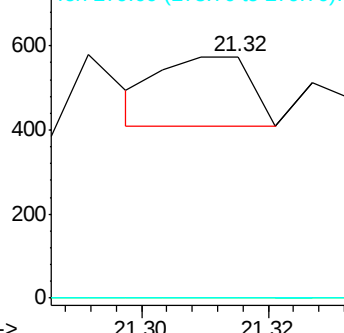
279 0.0 3.0 4.4#



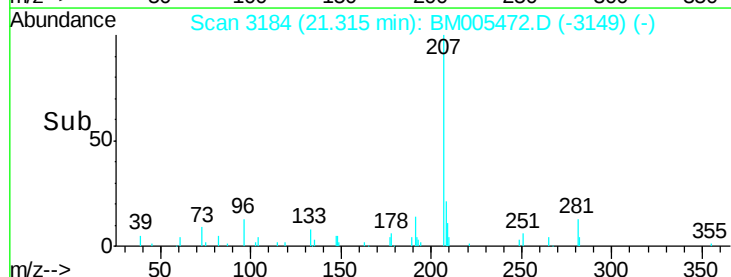
Abundance Ion 149.00 (148.70 to 149.70): E

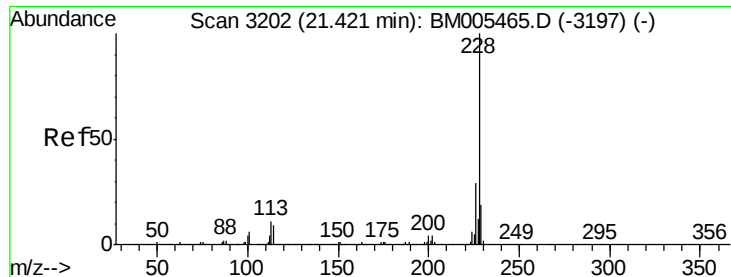
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#82

Chrysene

Concen: 0.02 ng/ul

RT: 21.42 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99

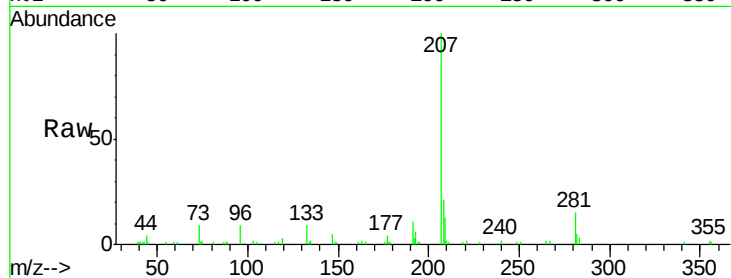
Tgt Ion:228 Resp: 615

Ion Ratio Lower Upper

228 100

226 0.0 23.6 35.4#

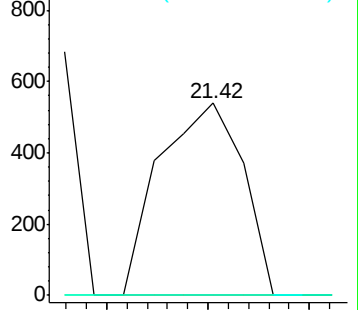
229 0.0 15.4 23.0#



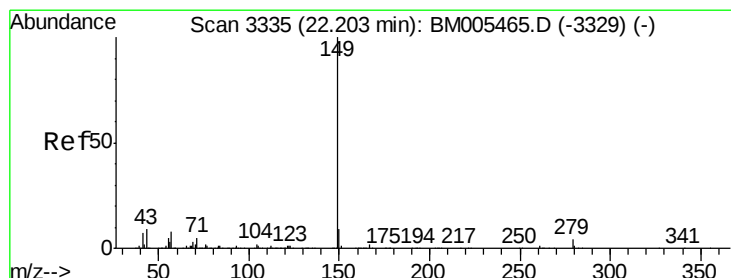
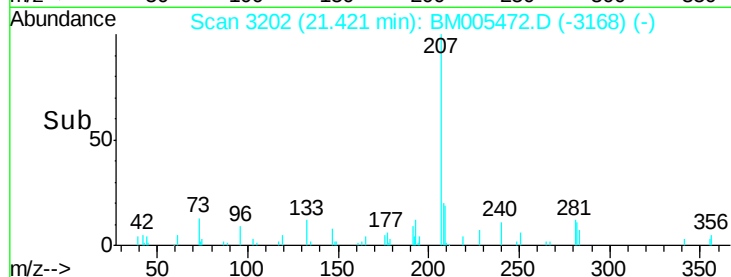
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.20 min Scan# 3335

Delta R.T. 0.00 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

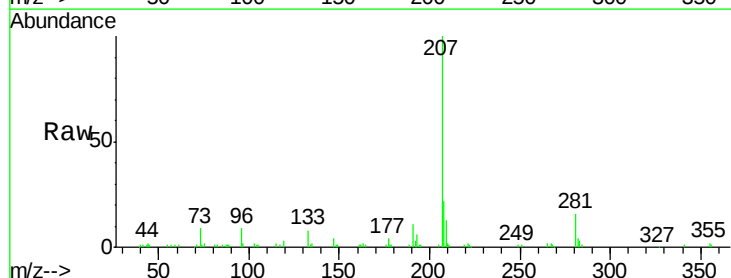
Tgt Ion:149 Resp: 215

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

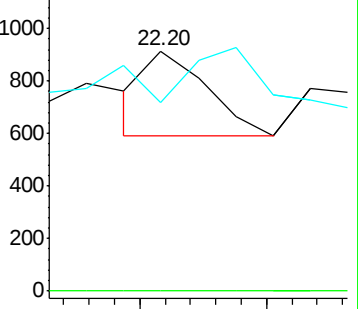
43 78.9 7.4 11.0#



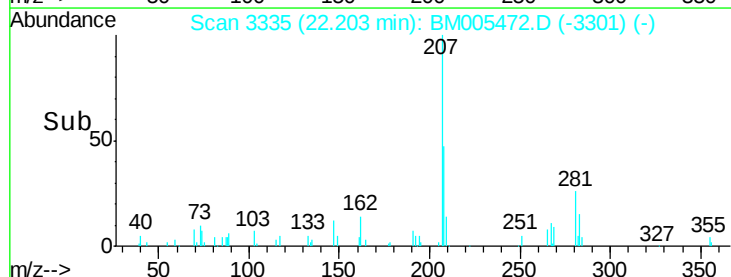
Abundance Ion 149.00 (148.70 to 149.70): E

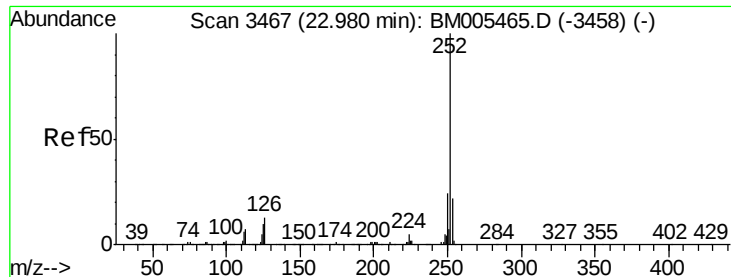
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



Time-->





#85

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99

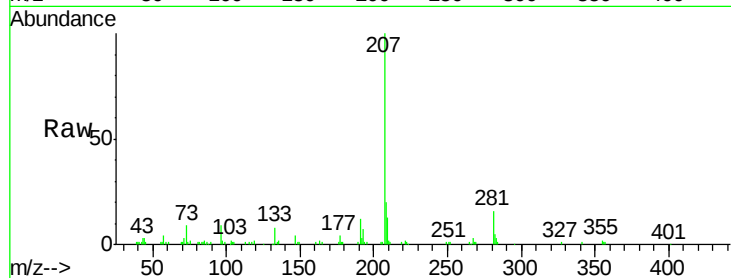
Tgt Ion:252 Resp: 158

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

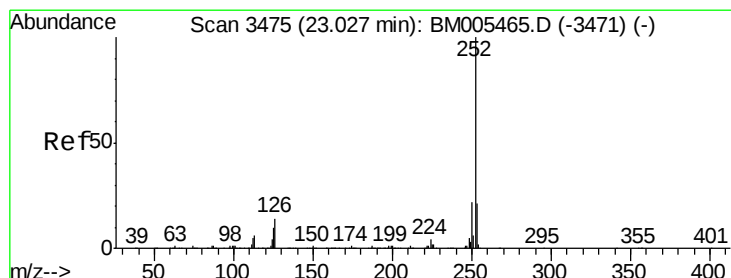
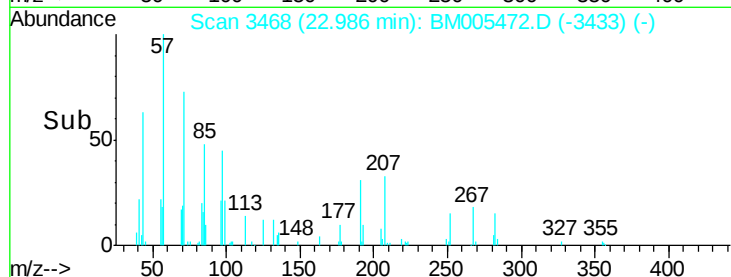
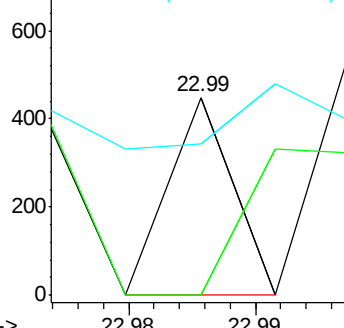
125 76.2 8.4 12.6#



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



#86

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.02 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM005472.D

Acq: 18 May 2016 16:41

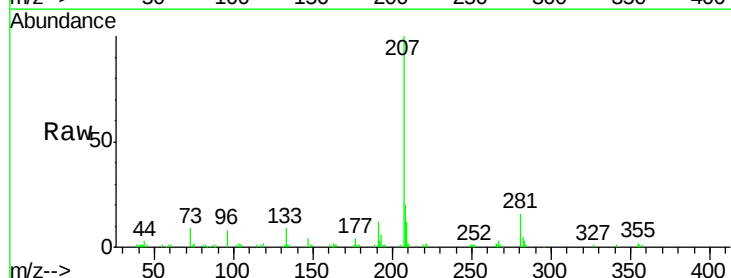
Tgt Ion:252 Resp: 137

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

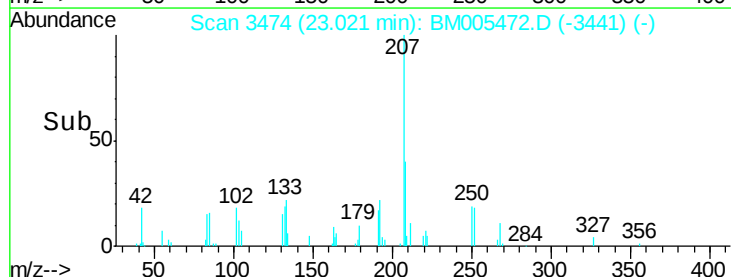
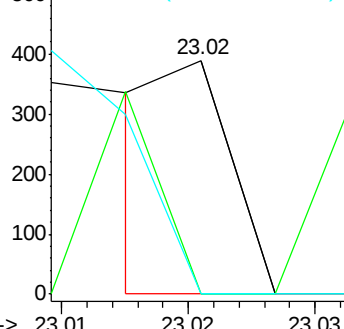
125 0.0 8.0 12.0#

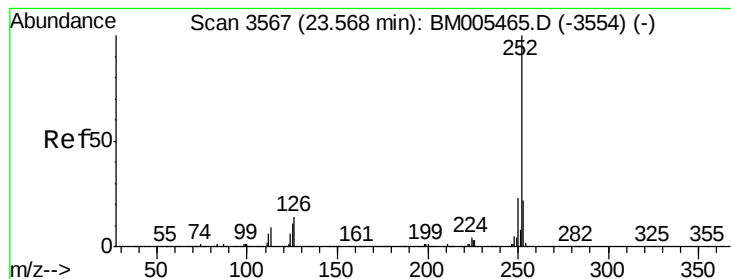


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.58 min Scan# 3569

Delta R.T. 0.01 min

Lab File: BM005472.D

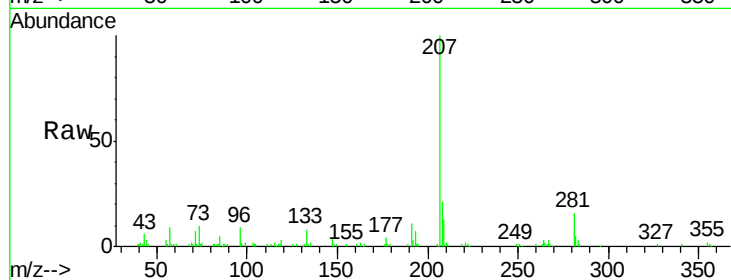
Acq: 18 May 2016 16:41

Instrument :

BNA_M

ClientSampleId :

SBLK99



Tgt Ion:	252	Resp:	109
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	135.0	8.7	13.1#

