

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021392.D
 Acq On : 9 Mar 2016 8:59
 Operator : UM/SJ
 Sample : H1655-18DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-D280DL

Quant Time: Mar 09 11:57:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 09 02:03:52 2016
 Response via : Initial Calibration

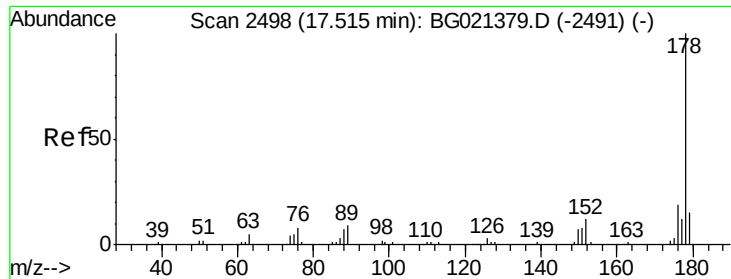
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	53438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	31348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	67435	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	71123	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	68387	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.29	99	2669	2.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.45	67	1864	2.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	2127	2.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	1919	2.04	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	836	1.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	1017	2.24	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.56	165	1937	2.38	ng/ul	0.02
29) 4-Chloroaniline-d4	11.07	131	2370	2.33	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	6775	2.61	ng/ul	0.01
47) Acenaphthylene-d8	14.44	160	8523	2.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	437	0.86	ng/ul	0.02
58) Fluorene-d10	15.72	176	6090	2.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	8858	2.66	ng/ul	0.00
79) Pyrene-d10	19.85	212	9160	2.58	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.78	264	8303	2.28	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) Phenanthrene	17.52	178	6622	1.65	ng/ul	99
77) Fluoranthene	19.52	202	8581	1.82	ng/ul	96
80) Pyrene	19.88	202	6364	1.35	ng/ul#	95
81) Butylbenzylphthalate	20.75	149	11471	5.37	ng/ul	90
84) Bis(2-ethylhexyl)phthalate	21.61	149	123804	38.99	ng/ul	98

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

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ALS Vial  : 34    Sample Multiplier: 1
```



#70

Phenanthrene

Concen: 1.65 ng/ul

RT: 17.52 min Scan# 2499

Delta R.T. 0.01 min

Lab File: BG021392.D

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Instrument :

BNA_G

ClientSampleId :

MS-SS-D280DL

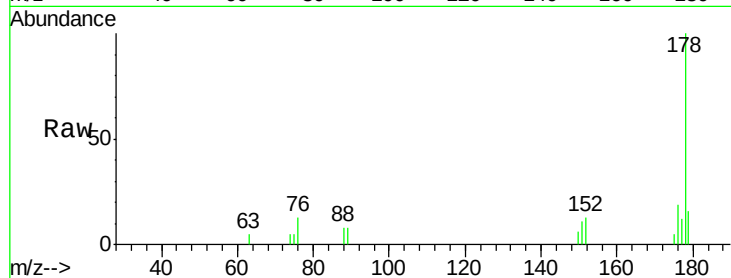
Tgt Ion:178 Resp: 6622

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

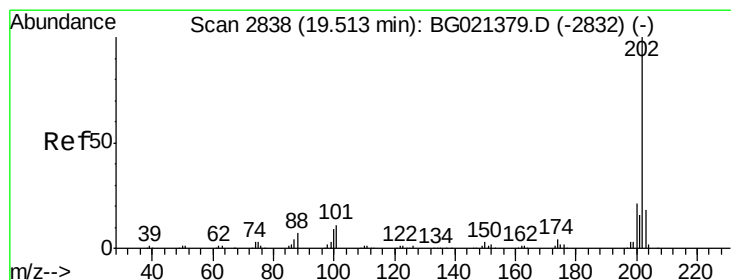
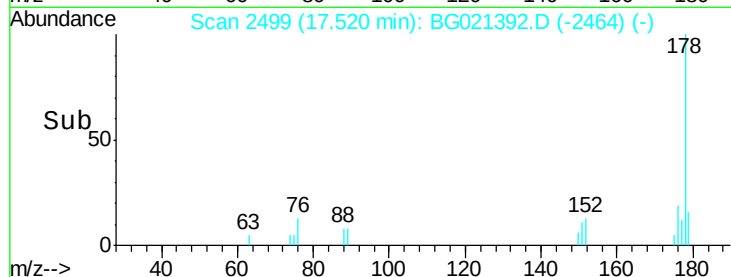
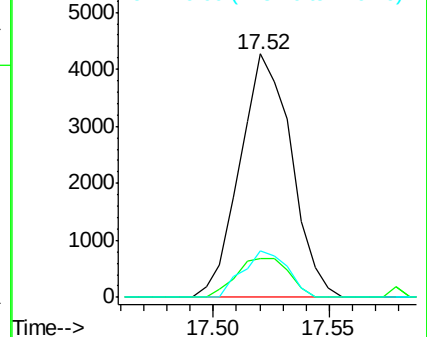
176 19.0 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.82 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG021392.D

Acq: 9 Mar 2016 8:59

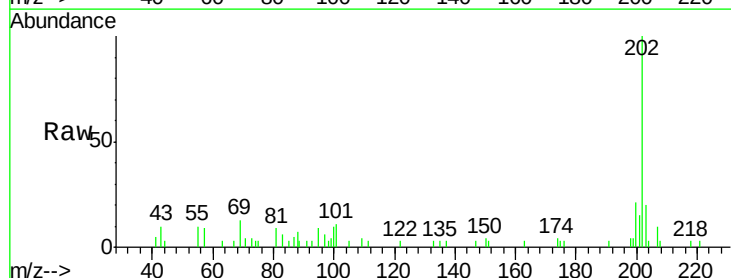
Tgt Ion:202 Resp: 8581

Ion Ratio Lower Upper

202 100

101 10.7 9.9 14.9

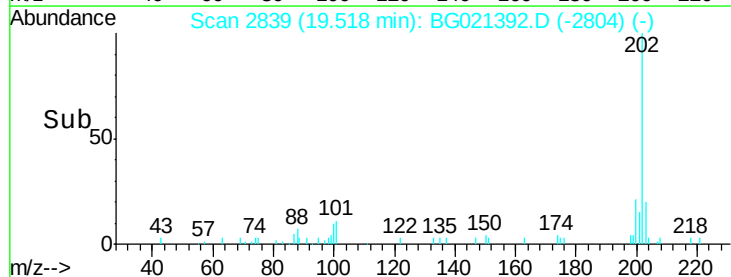
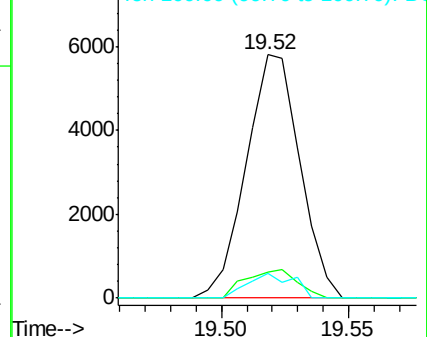
100 10.3 7.4 11.0

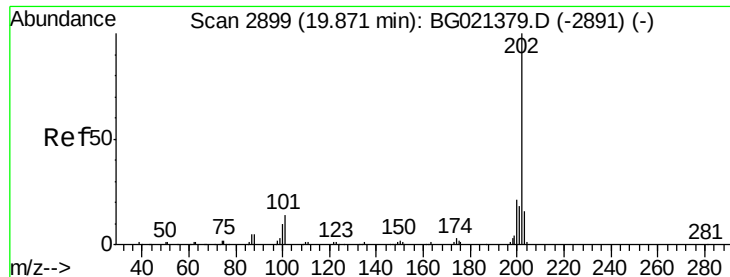


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

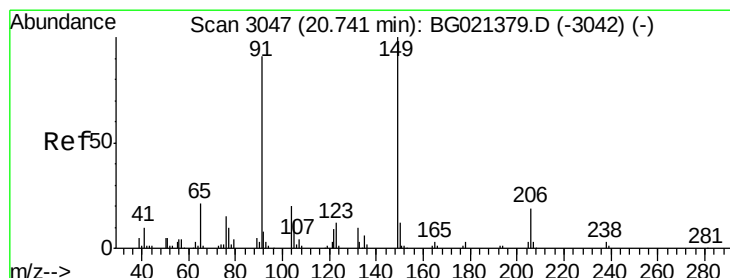
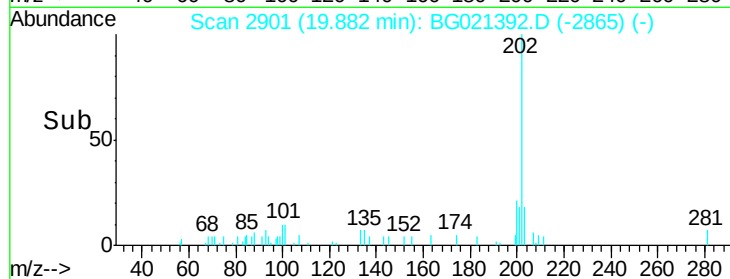
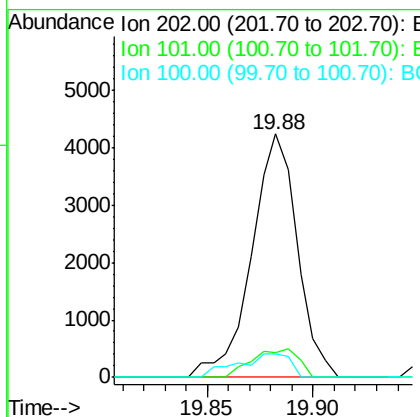
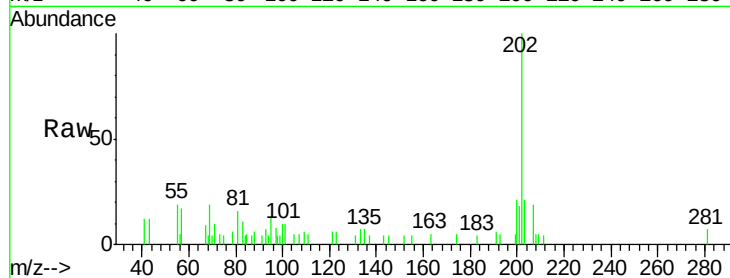




#80
Pyrene
Concen: 1.35 ng/ul
RT: 19.88 min Scan# 2901
Delta R.T. 0.01 min
Lab File: BG021392.D
Acq: 9 Mar 2016 8:59

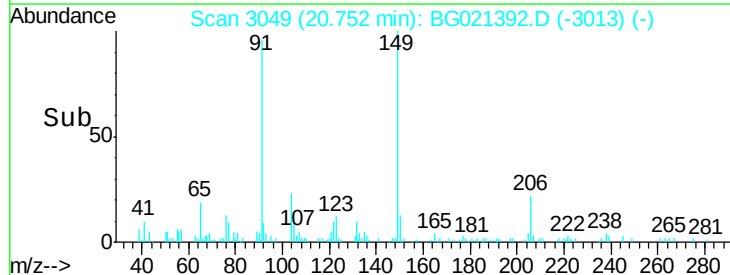
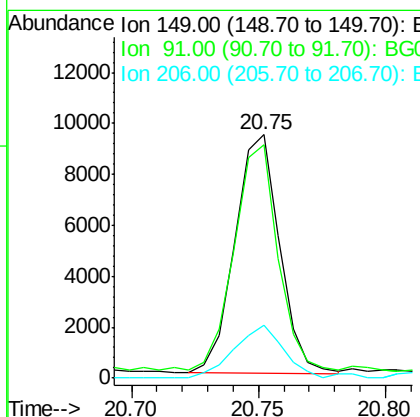
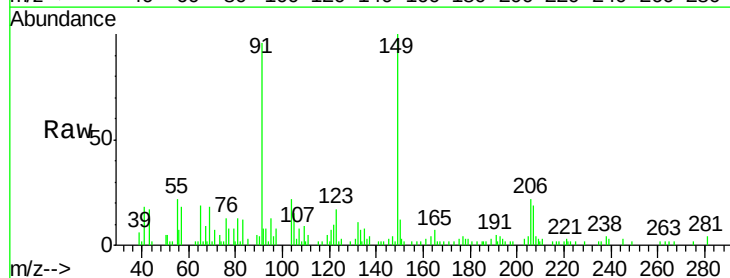
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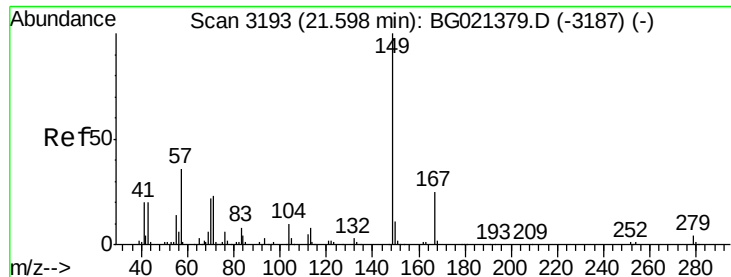
Tgt Ion: 202 Resp: 6364
Ion Ratio Lower Upper
202 100
101 10.2 11.0 16.4#
100 9.9 8.1 12.1



#81
Butylbenzylphthalate
Concen: 5.37 ng/ul
RT: 20.75 min Scan# 3049
Delta R.T. 0.01 min
Lab File: BG021392.D
Acq: 9 Mar 2016 8:59

Tgt Ion: 149 Resp: 11471
Ion Ratio Lower Upper
149 100
91 95.7 67.5 101.3
206 21.7 18.0 27.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.99 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BG021392.D

Acq: 9 Mar 2016 8:59

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280DL

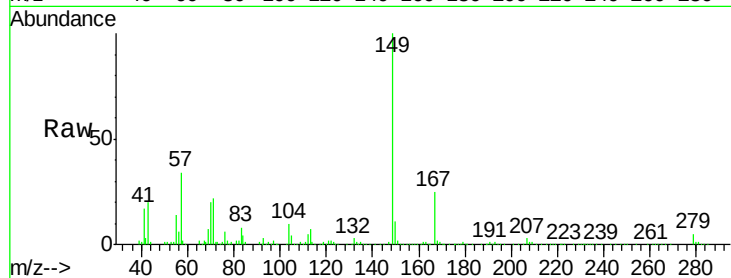
Tgt Ion:149 Resp: 123804

Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

279 4.7 3.4 5.0



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

