

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025288.D
 Acq On : 18 Dec 2016 00:05
 Operator : UM/SJ
 Sample : H5995-02DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 04:02:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	64129	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	263088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	198005	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	442876	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	563894	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	572241	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.59	96	303	0.24	ng/uL	0.00
5) Phenol-d5	7.41	99	7310	1.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	4769	1.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	5962	1.54	ng/ul	0.01
13) 4-Methylphenol-d8	8.96	113	6165	1.33	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	2866	1.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3603	1.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	6579	1.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	771	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	23067	1.69	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	25823	1.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	104	0.04	ng/ul	-0.02
57) Fluorene-d10	15.85	176	24124	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	2143	0.78	ng/ul	0.00
70) Anthracene-d10	17.70	188	32371	1.73	ng/ul	0.00
76) Pyrene-d10	19.98	212	43455	1.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	38794	1.67	ng/ul	-0.02

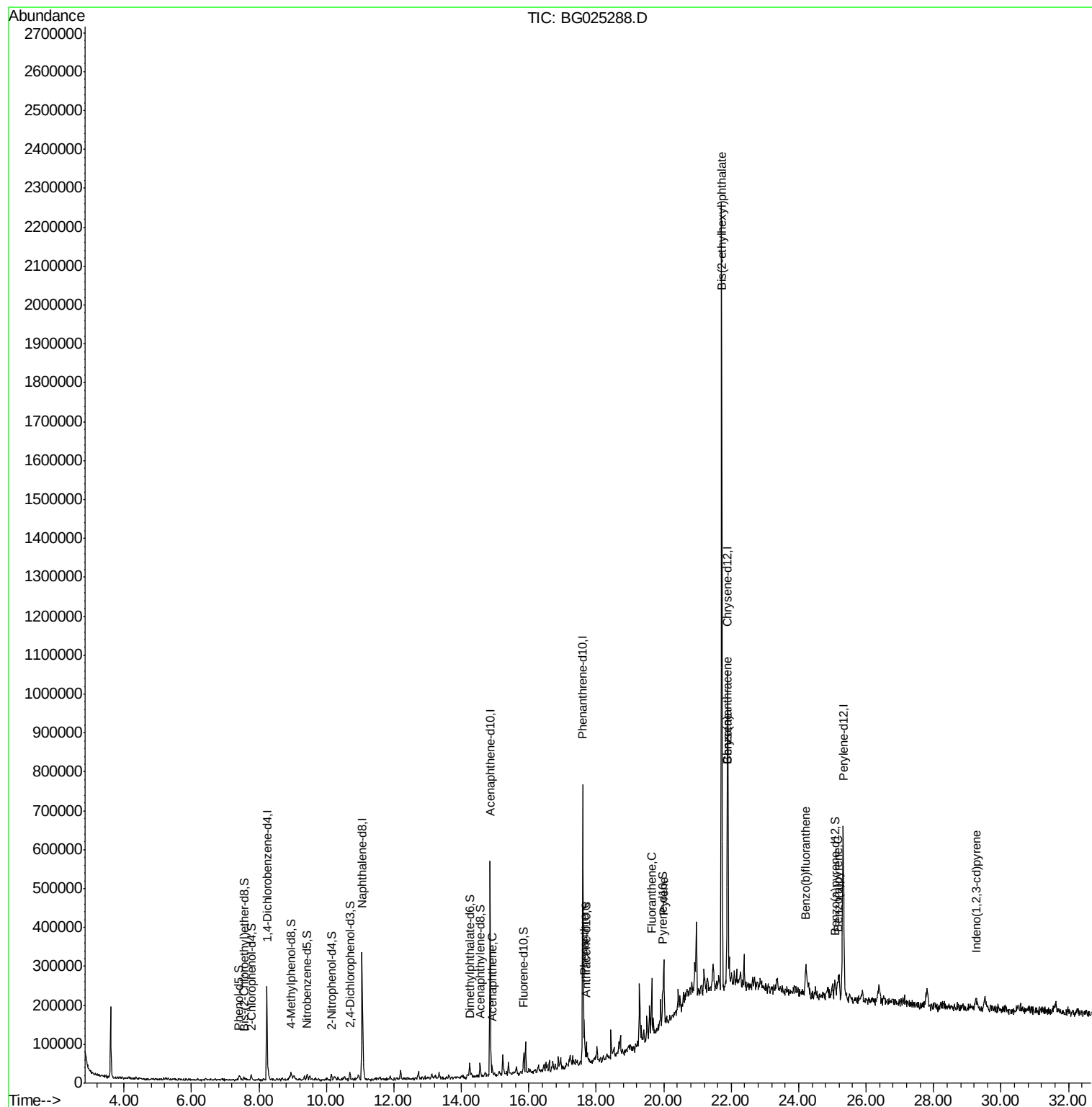
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
49) Acenaphthene	14.92	153	10896	1.10	ng/ul#	83
69) Phenanthrene	17.64	178	75101	3.55	ng/ul#	91
74) Fluoranthene	19.64	202	100781	4.01	ng/ul	97
77) Pyrene	20.00	202	85841	3.17	ng/ul	99
80) Benzo(a)anthracene	21.87	228	55430	1.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	778649	53.30	ng/ul	99
82) Chrysene	21.87	228	34477	1.26	ng/ul	97
85) Benzo(b)fluoranthene	24.22	252	71915	2.53	ng/ul#	88
88) Benzo(a)pyrene	25.15	252	48687	1.78	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	29.27	276	34206	1.01	ng/ul#	88

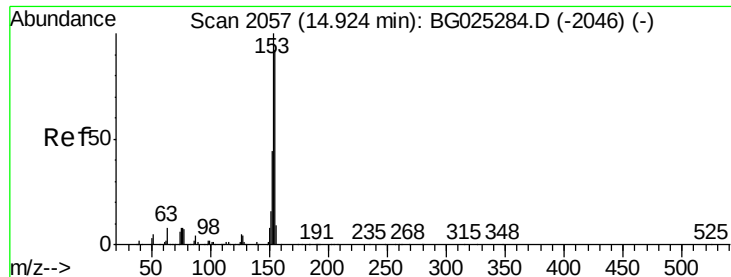
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025288.D
Acq On : 18 Dec 2016 00:05
Operator : UM/SJ
Sample : H5995-02DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 04:02:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration





#49

Acenaphthene

Concen: 1.10 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025288.D

Acq: 18 Dec 2016 00:05

Instrument :

BNA_G

ClientSampleId :

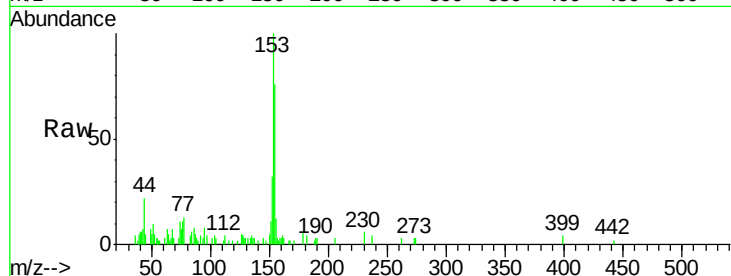
Tot Ion:153 Resp: 10896

Ion Ratio Lower Upper

153 100

152 31.7 36.5 54.7#

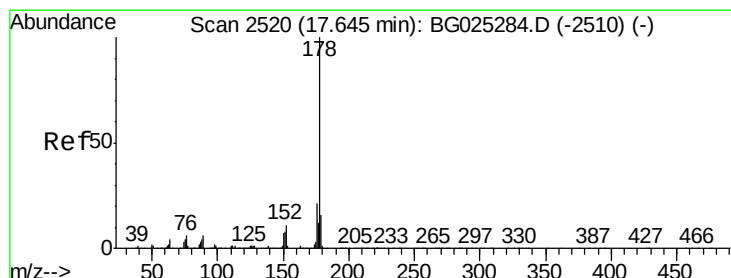
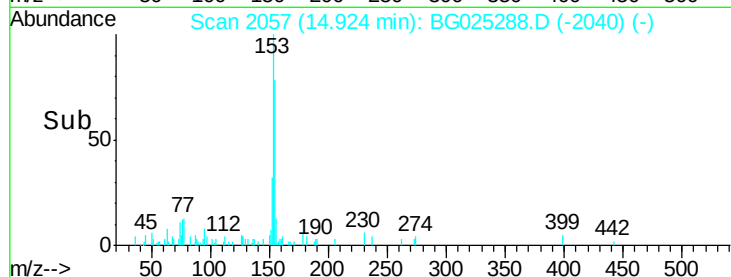
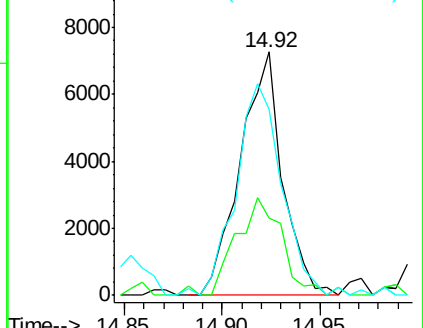
154 76.5 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#69

Phenanthrene

Concen: 3.55 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG025288.D

Acq: 18 Dec 2016 00:05

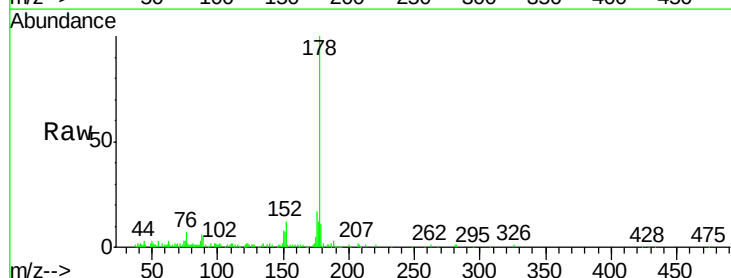
Tgt Ion:178 Resp: 75101

Ion Ratio Lower Upper

178 100

179 11.2 12.4 18.6#

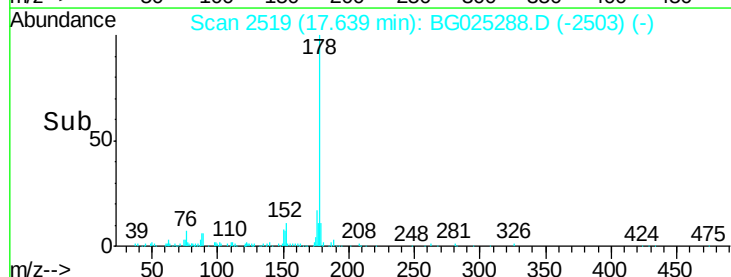
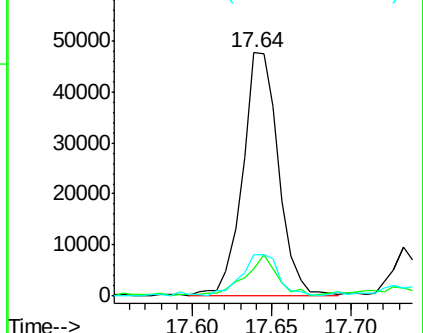
176 17.3 16.5 24.7

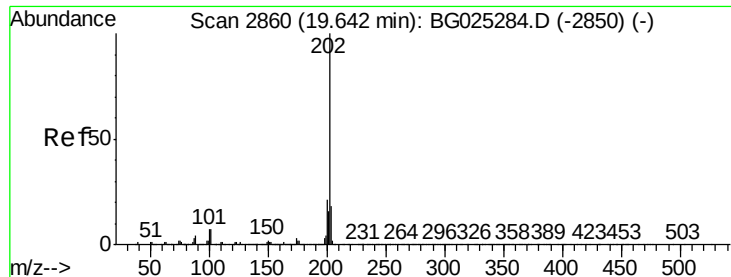


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

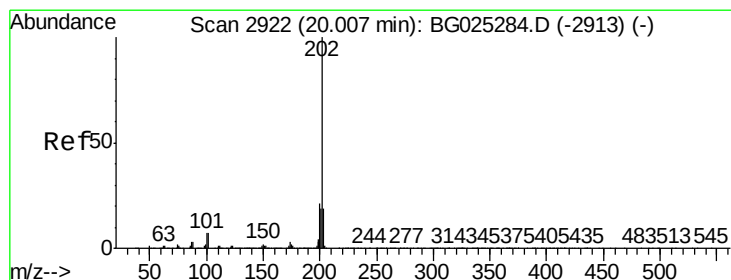
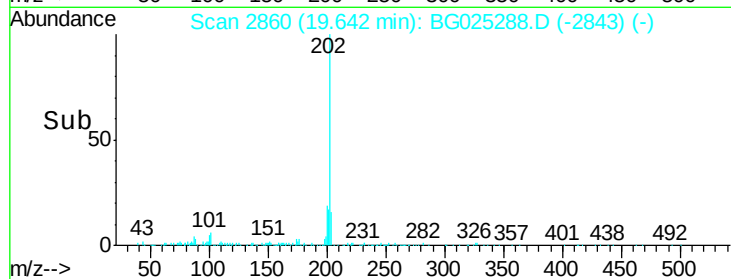
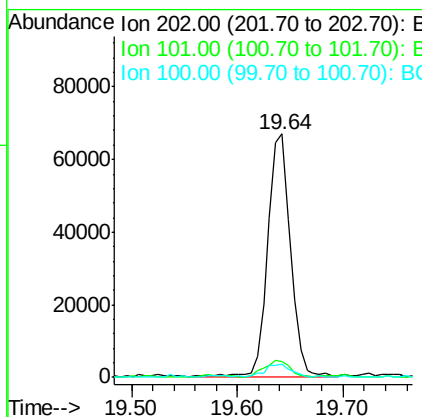
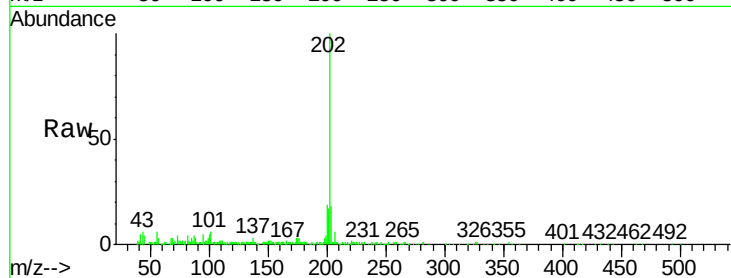




#74
Fluoranthene
Concen: 4.01 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

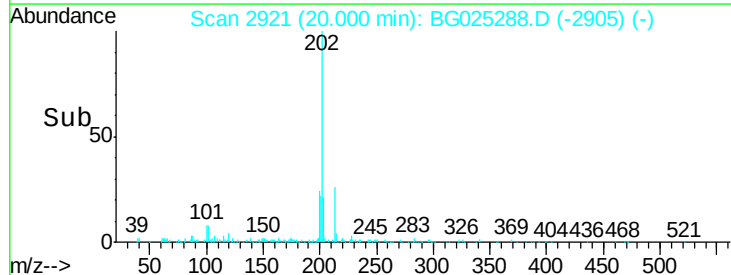
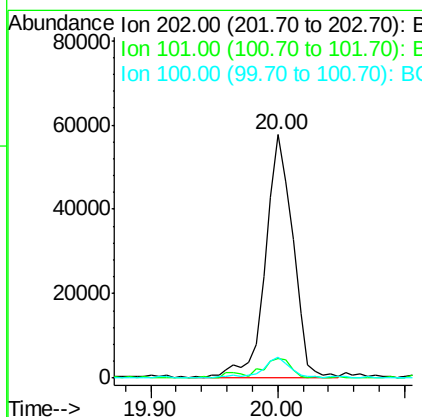
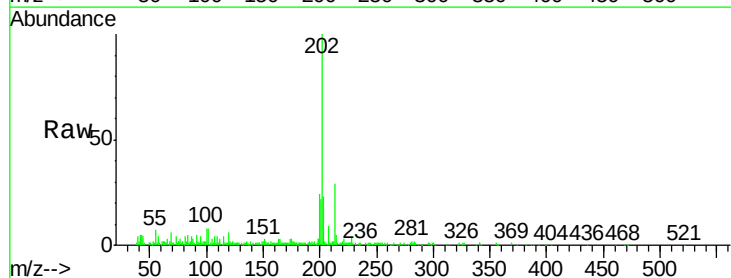
Instrument :
BNA_G
ClientSampleId :

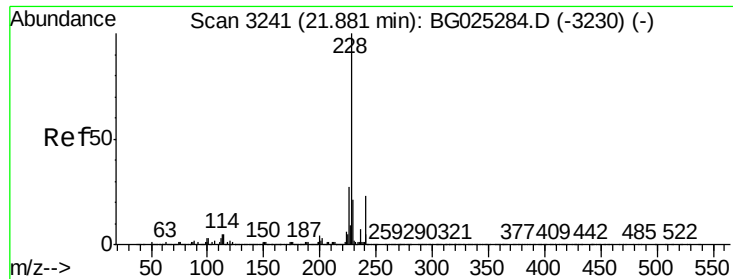
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.4	6.2	9.2
100	5.5	5.2	7.8



#77
Pyrene
Concen: 3.17 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	8.3	6.6	10.0

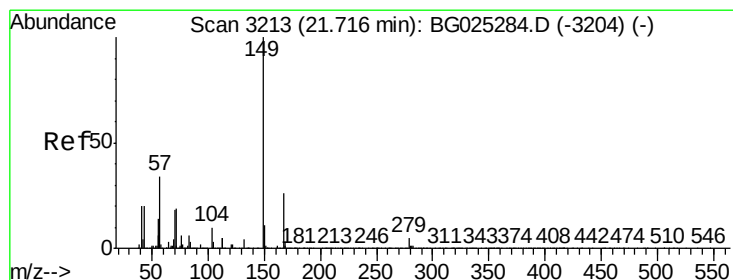
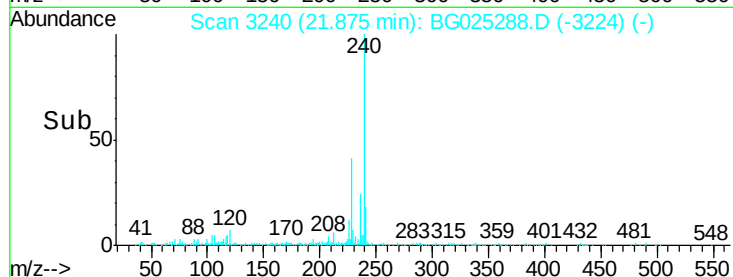
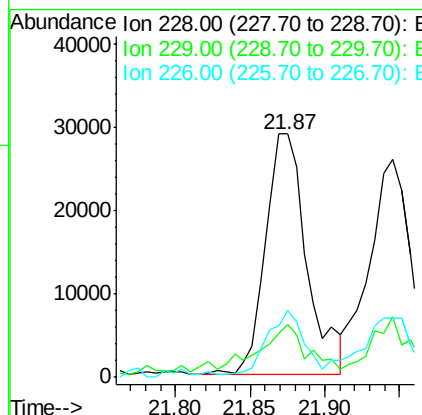
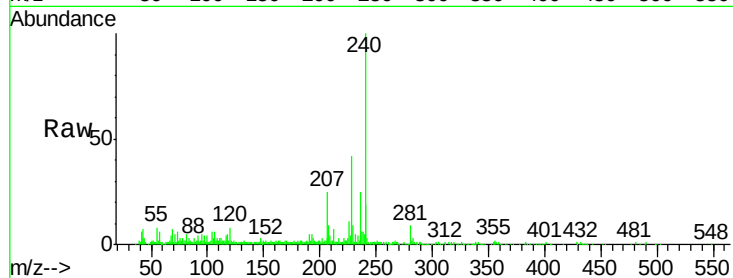




#80
Benzo(a)anthracene
Concen: 1.89 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

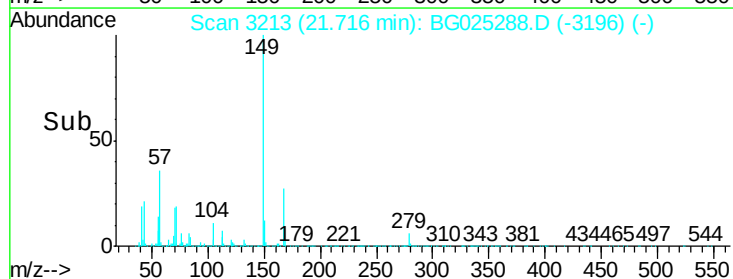
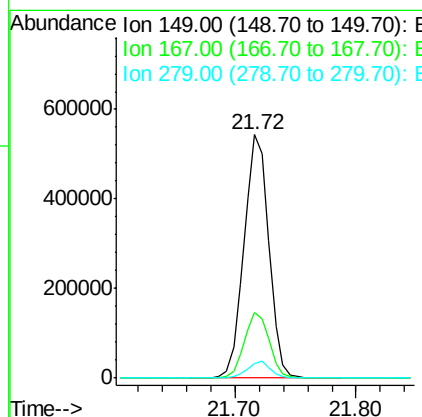
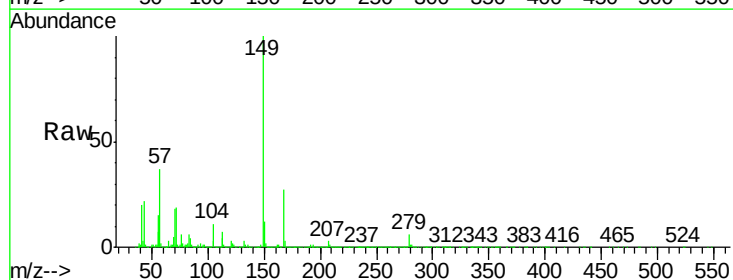
Instrument :
BNA_G
ClientSampleId :

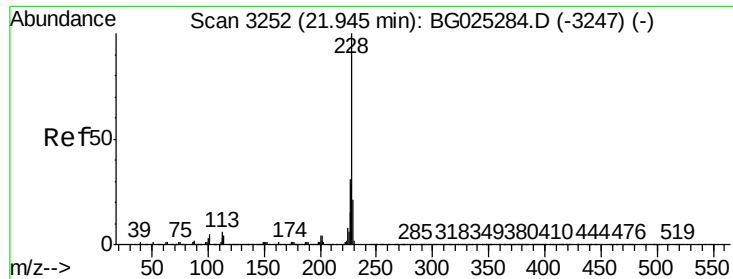
Tot Ion:228 Resp: 55430
Ion Ratio Lower Upper
228 100
229 21.7 16.3 24.5
226 27.3 21.9 32.9



#81
Bis(2-ethylhexyl)phthalate
Concen: 53.30 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

Tgt Ion:149 Resp: 778649
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 5.7 4.5 6.7

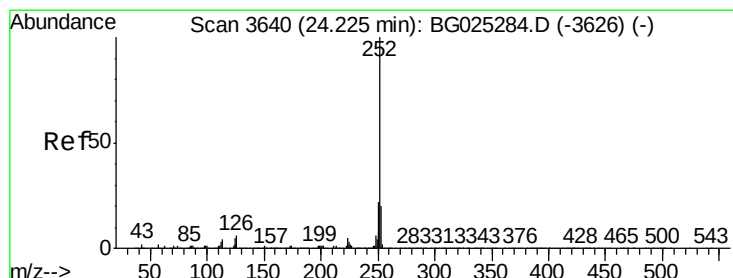
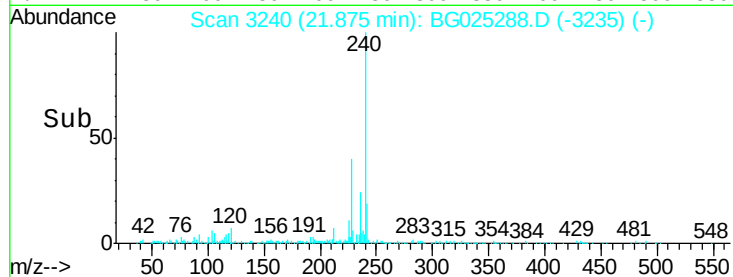
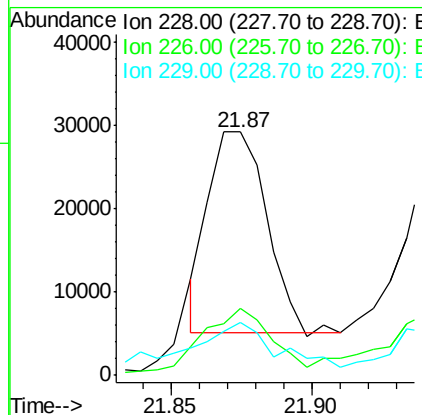
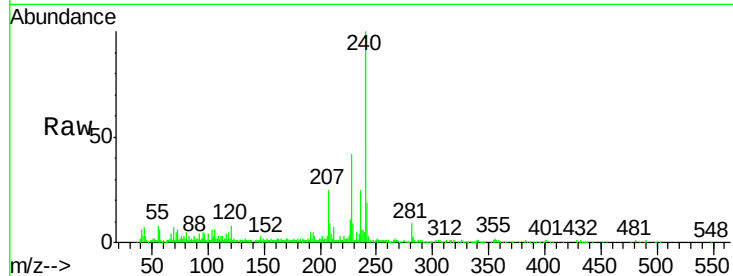




#82
Chrysene
Concen: 1.26 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.07 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

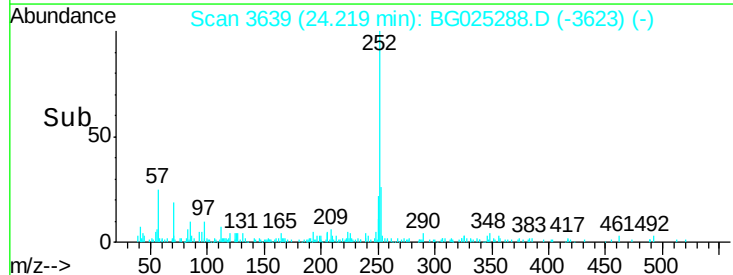
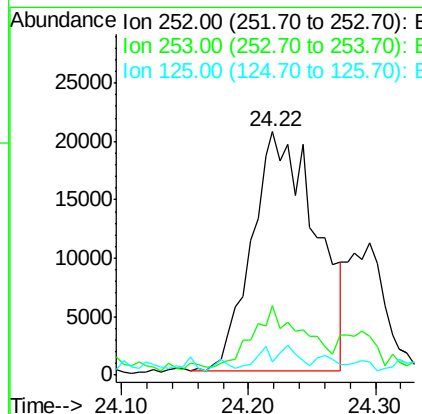
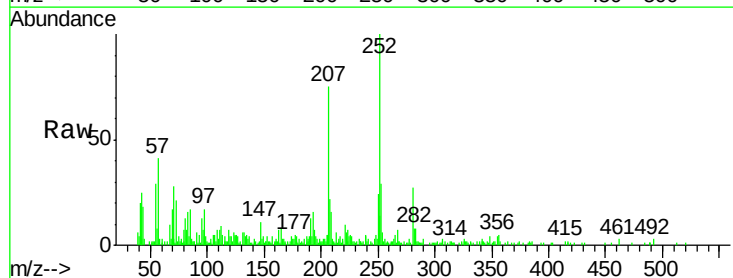
Instrument :
BNA_G
ClientSampleId :

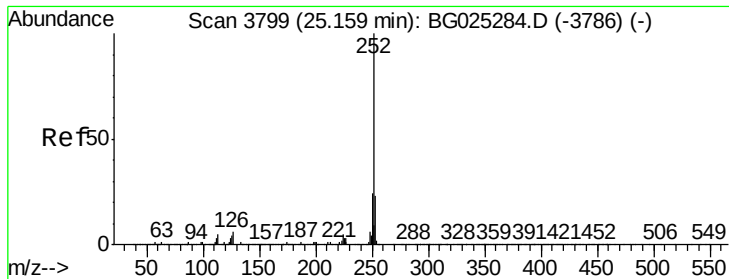
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	21.7	16.9	25.3



#85
Benzo(b)fluoranthene
Concen: 2.53 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BG025288.D
Acq: 18 Dec 2016 00:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.7	26.5#
125	5.5	4.0	6.0





#88

Benzo(a)pyrene

Concen: 1.78 ng/ul

RT: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG025288.D

Acq: 18 Dec 2016 00:05

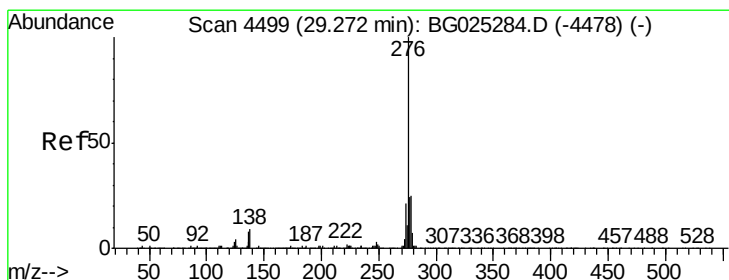
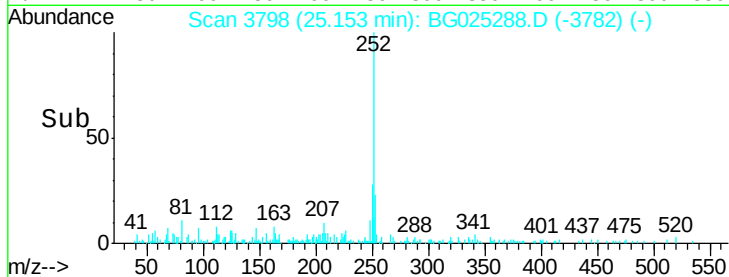
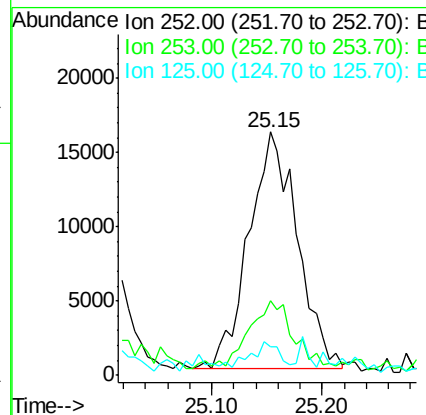
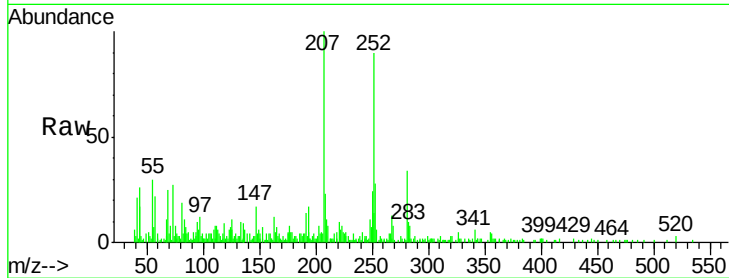
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 48687

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.8	26.6#
125	11.8	5.4	8.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng/ul

RT: 29.27 min Scan# 4498

Delta R.T. -0.01 min

Lab File: BG025288.D

Acq: 18 Dec 2016 00:05

Tgt Ion:276 Resp: 34206

Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.2	12.4#
277	17.1	18.6	28.0#

