

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025204.D
 Acq On : 15 Dec 2016 9:24
 Operator : UM/SJ
 Sample : H5970-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA856

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:45:12 PM

Quant Time: Dec 15 10:51:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	78766	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	379185	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	317320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	667266	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	778549	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	789106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5111	3.35	ng/uL	0.00
5) Phenol-d5	7.39	99	127498	18.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	95727	22.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	94747	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	99752	17.57	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	55249	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	66765	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	125275	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	97458	15.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	477866	21.89	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	540179	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	40688	10.85	ng/ul	0.00
57) Fluorene-d10	15.84	176	439147	21.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	38258	9.27	ng/ul	0.00
70) Anthracene-d10	17.70	188	640382	22.74	ng/ul	0.00
76) Pyrene-d10	19.97	212	796234	24.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	793744	24.83	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	28167	4.04	ng/ul#	90
34) 2-Methylnaphthalene	12.70	142	14504	1.04	ng/ul	96
44) Dimethylphthalate	14.29	163	233802	10.90	ng/ul	96
69) Phenanthrene	17.65	178	86627	2.72	ng/ul	97
74) Fluoranthene	19.64	202	186469	4.93	ng/ul	99
77) Pyrene	20.00	202	301526	8.06	ng/ul	98
80) Benzo(a)anthracene	21.88	228	251891	6.23	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	1669976	82.80	ng/ul#	94
82) Chrysene	21.94	228	268639	7.10	ng/ul	98
85) Benzo(b)fluoranthene	24.22	252	538961	13.77	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	159901	4.30	ng/ul	98
88) Benzo(a)pyrene	25.16	252	280695	7.46	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.24	276	201633m	4.31	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	59557m	1.51	ng/ul	
91) Benzo(g,h,i)perylene	30.47	276	169883m	4.35	ng/ul	

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

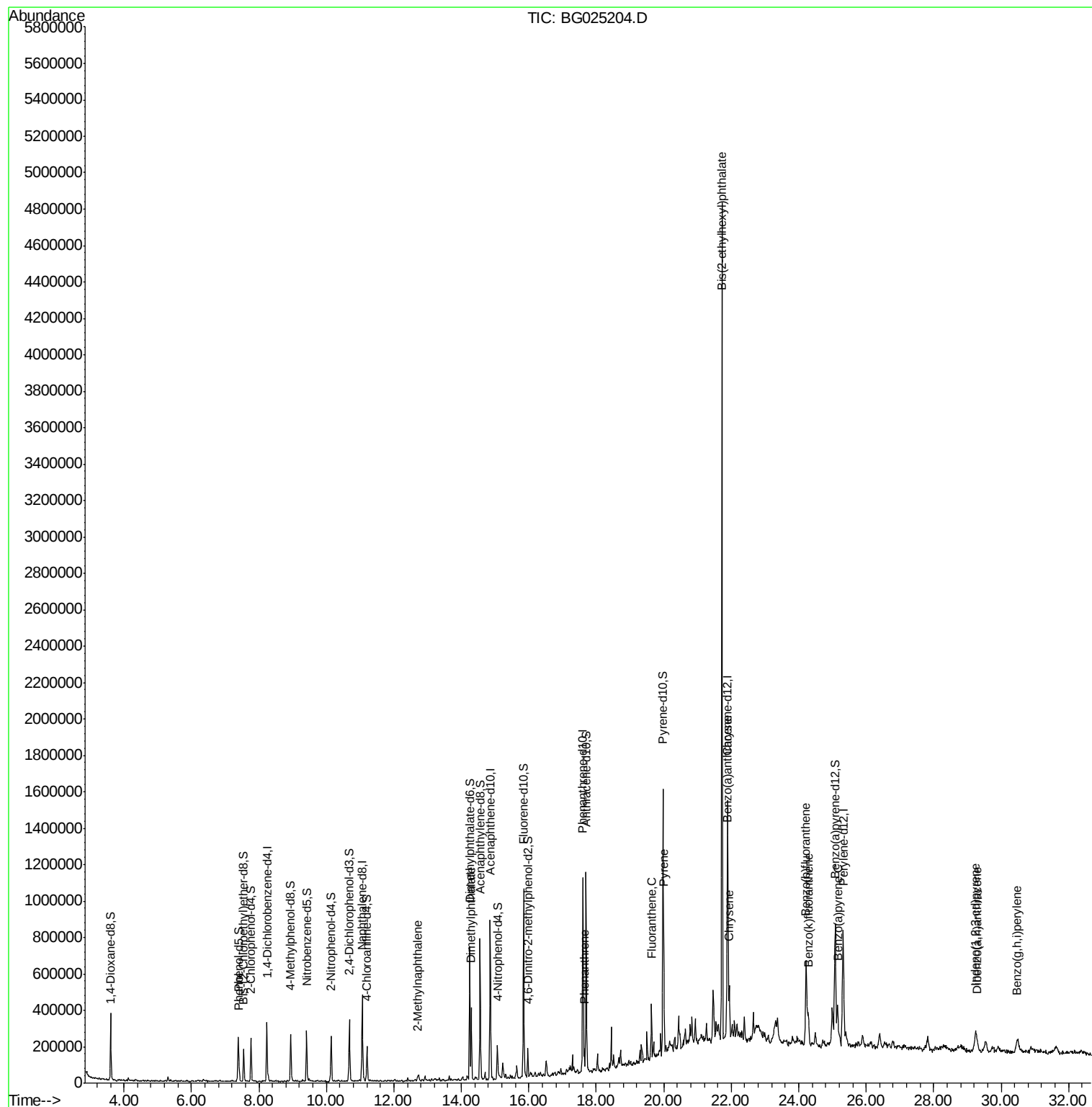
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025204.D
Acq On : 15 Dec 2016 9:24
Operator : UM/SJ
Sample : H5970-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

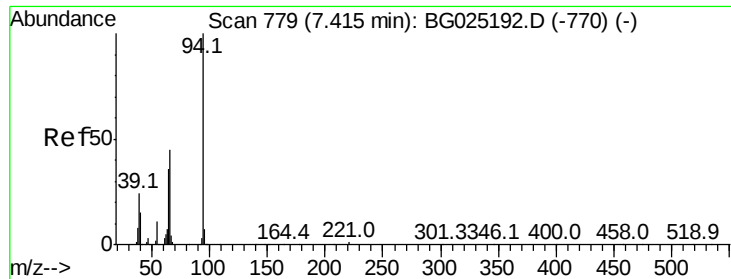
Instrument :
BNA_G
ClientSampleId :
DA856

Manual Integrations
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Quant Time: Dec 15 10:51:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.04 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Instrument :

BNA_G

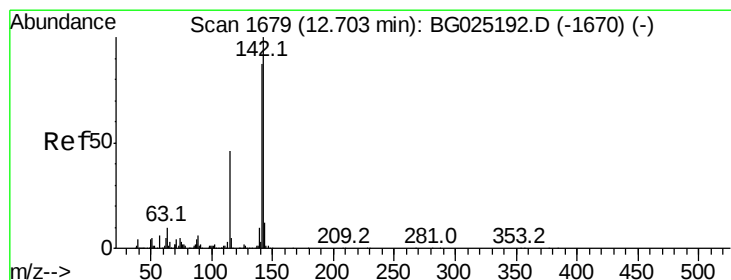
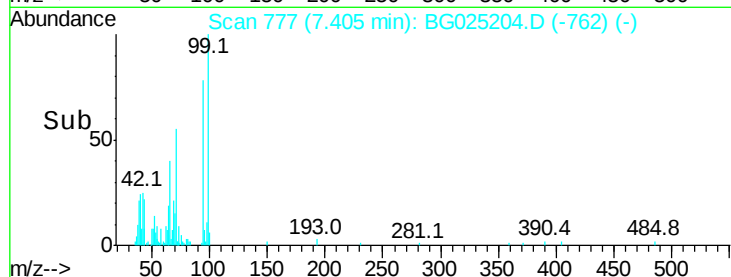
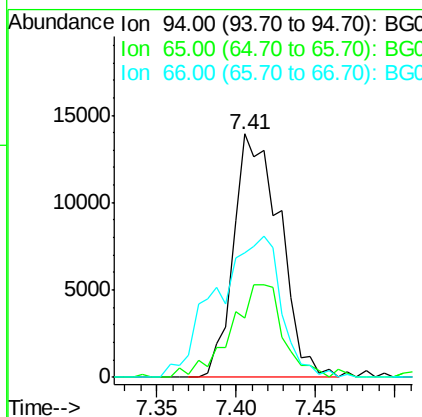
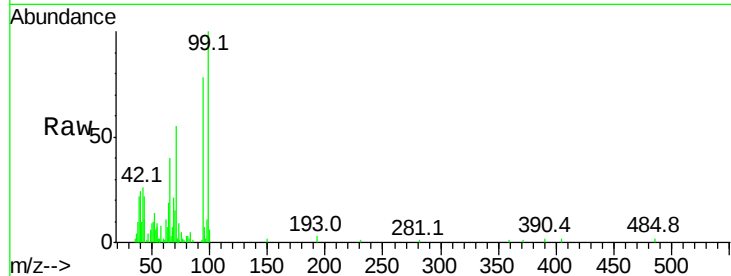
ClientSampleId :

DA856

Tot Ion:	94	Resp:	28167
Ion Ratio	Lower	Upper	
94	100		
65	24.3	26.8	40.2#
66	51.1	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.04 ng/ul

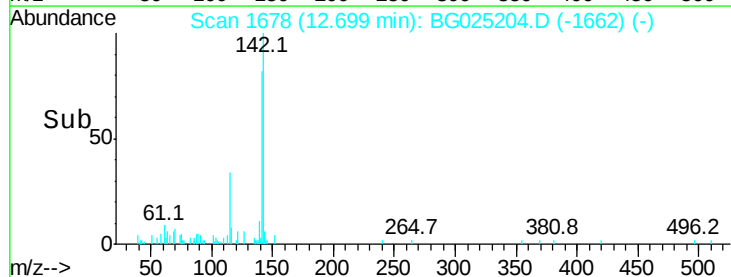
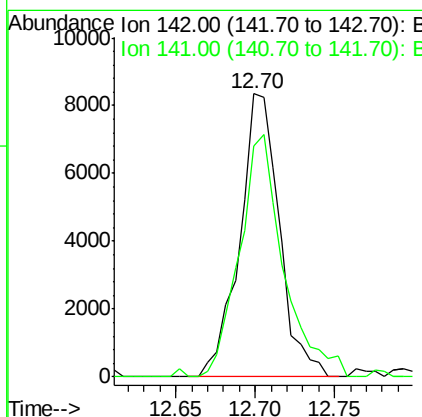
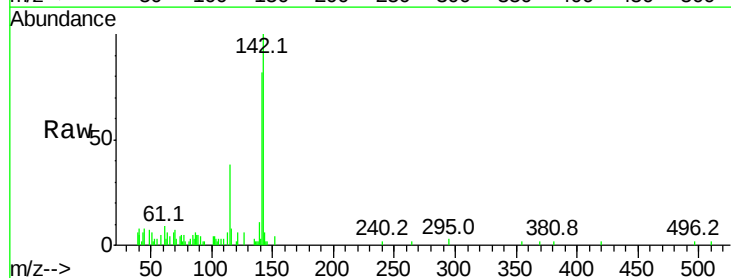
RT: 12.70 min Scan# 1678

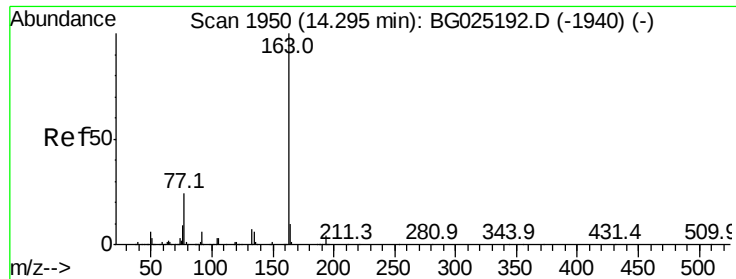
Delta R.T. -0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Tgt Ion:	142	Resp:	14504
Ion Ratio	Lower	Upper	
142	100		
141	81.7	68.6	102.8





#44

Dimethylphthalate

Concen: 10.90 ng/ul

RT: 14.29 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Instrument :

BNA_G

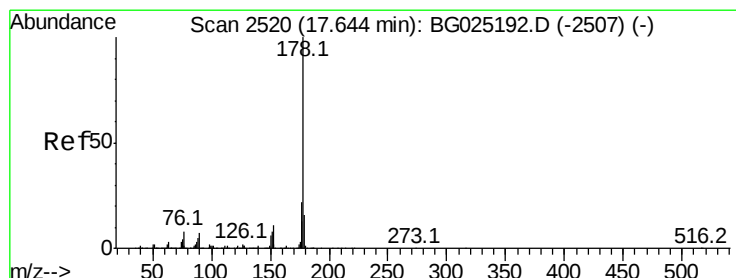
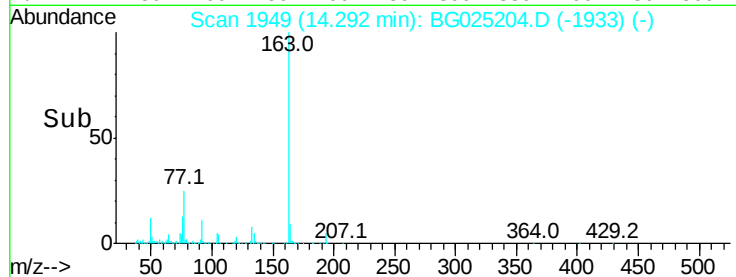
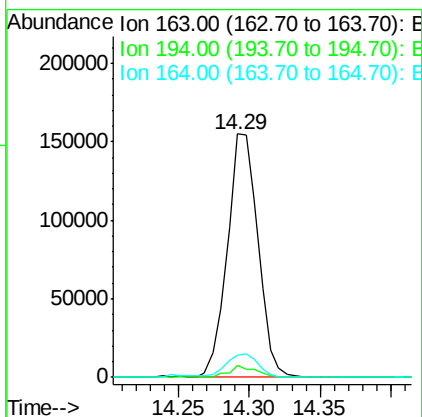
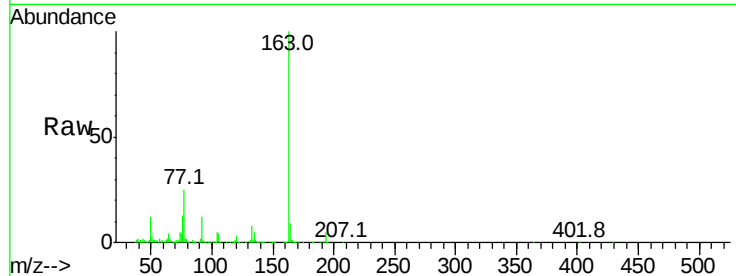
ClientSampleId :

DA856

Tot Ion	Ratio	Resp	Lower	Upper
163	100	233802		
194	4.8		3.4	5.0
164	9.3		9.0	13.4

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#69

Phenanthrene

Concen: 2.72 ng/ul

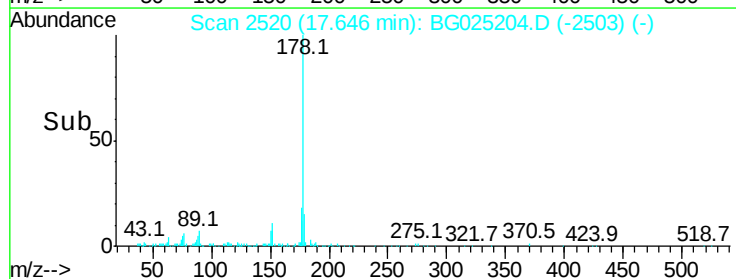
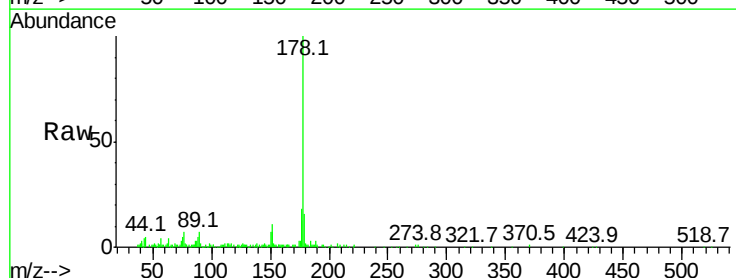
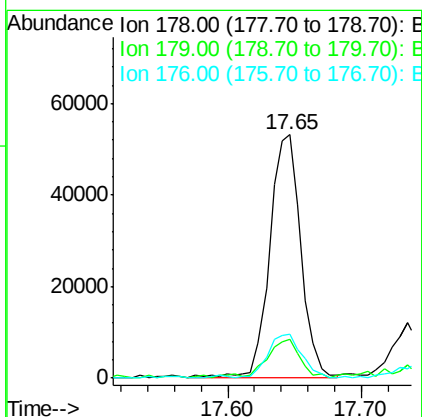
RT: 17.65 min Scan# 2520

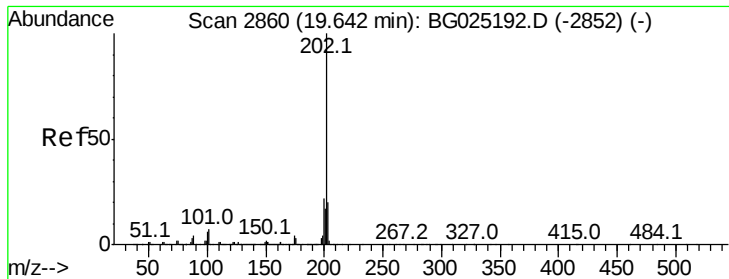
Delta R.T. 0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	86627		
179	15.7		12.4	18.6
176	18.2		16.5	24.7





#74

Fluoranthene

Concen: 4.93 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Instrument :

BNA_G

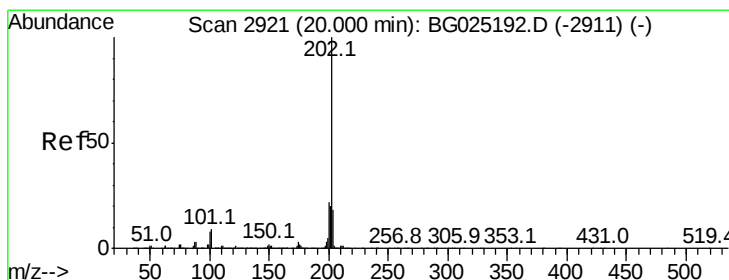
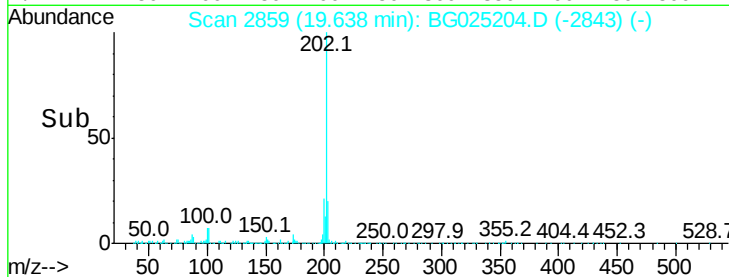
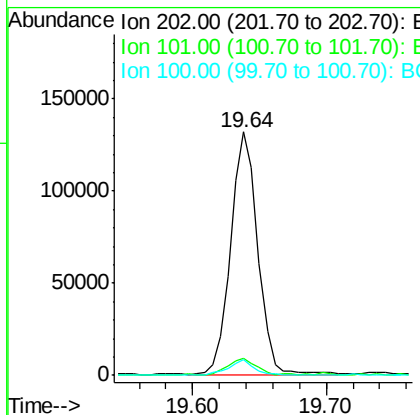
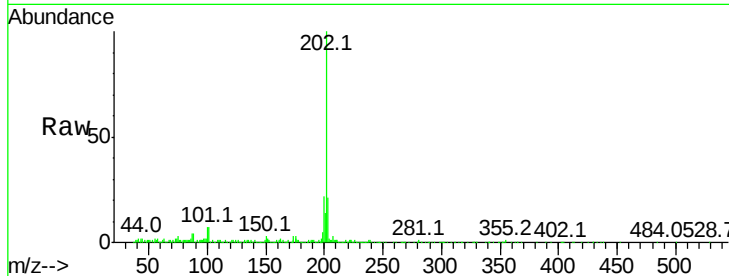
ClientSampleId :

DA856

Tot Ion:	202	Resp:	186469
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.2	9.2
100	6.7	5.2	7.8

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#77

Pyrene

Concen: 8.06 ng/ul

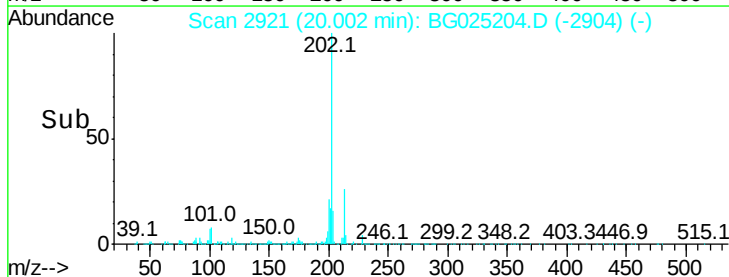
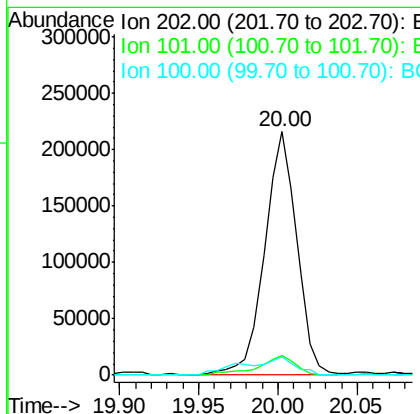
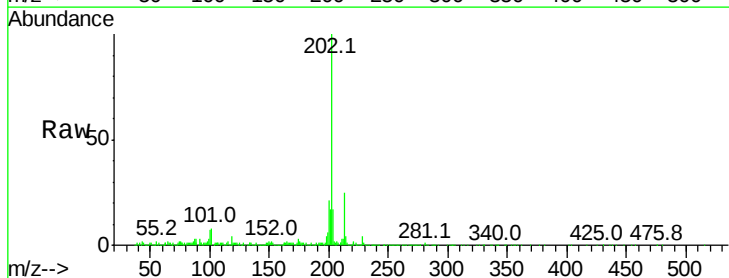
RT: 20.00 min Scan# 2921

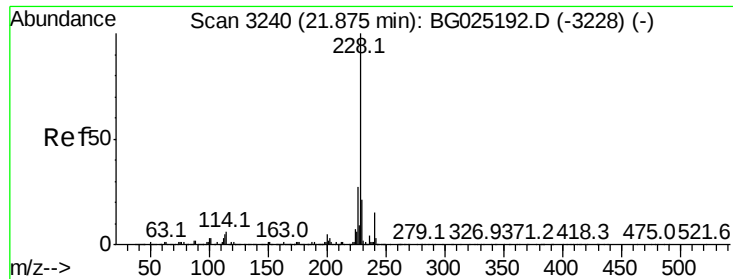
Delta R.T. 0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Tgt Ion:	202	Resp:	301526
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	7.3	6.6	10.0





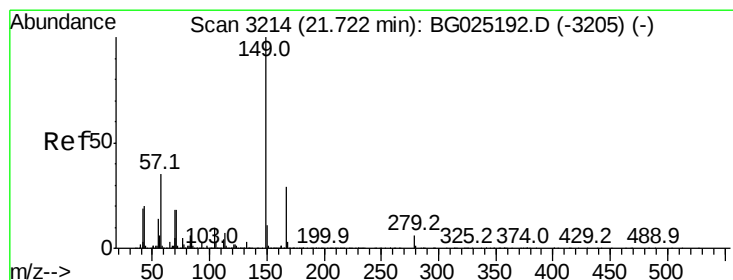
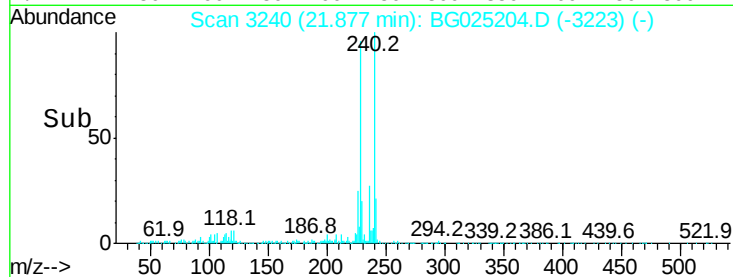
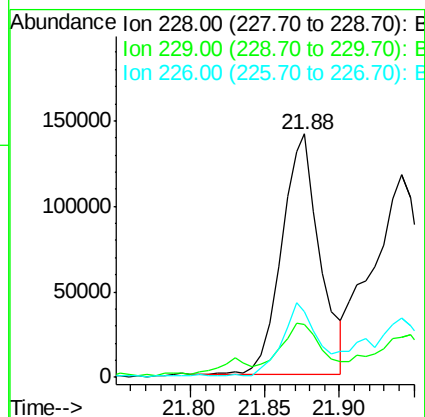
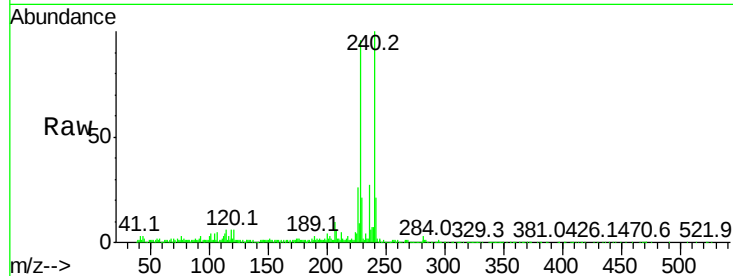
#80
Benzo(a)anthracene
Concen: 6.23 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Instrument :
BNA_G
ClientSampled :
DA856

Tot Ion:	228	Resp:	251891
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.3	24.5
226	27.1	21.9	32.9

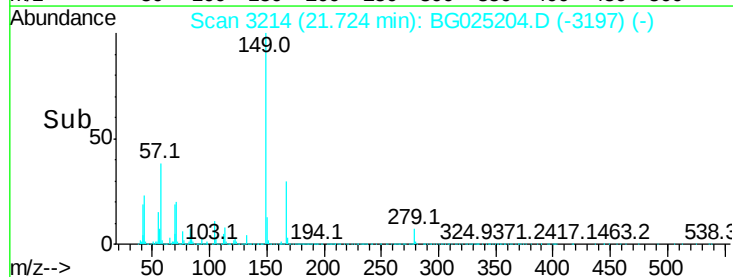
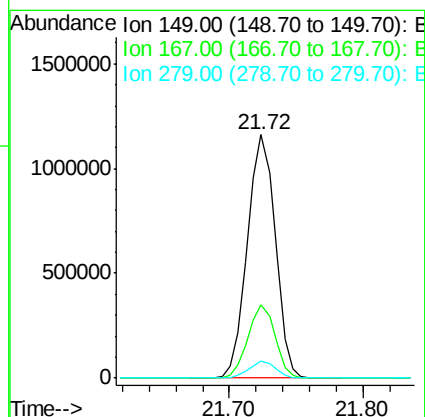
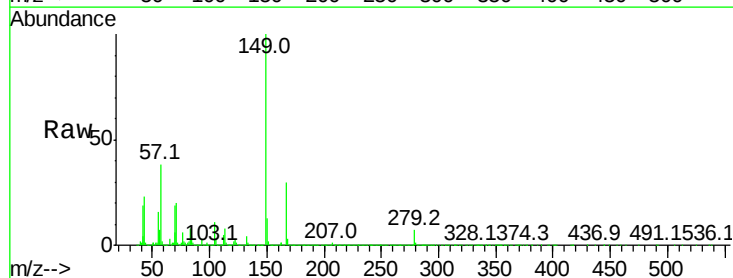
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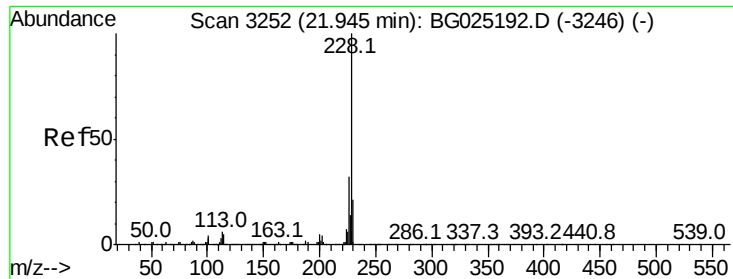
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#81
Bis(2-ethylhexyl)phthalate
Concen: 82.80 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Tgt Ion:	149	Resp:	1669976
Ion Ratio	Lower	Upper	
149	100		
167	30.4	21.8	32.8
279	6.9	4.5	6.7#





#82

Chrysene

Concen: 7.10 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Instrument :

BNA_G

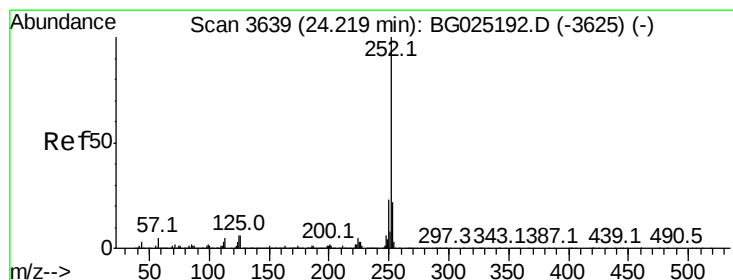
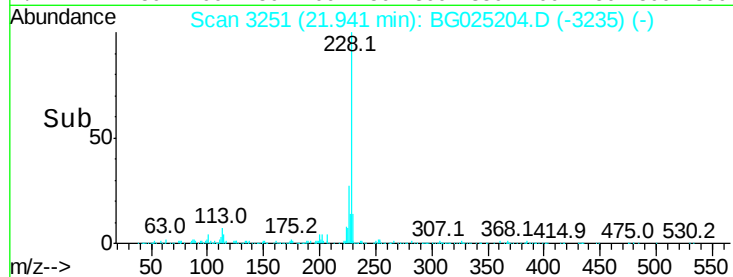
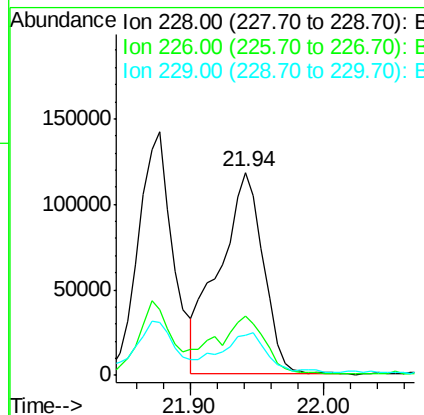
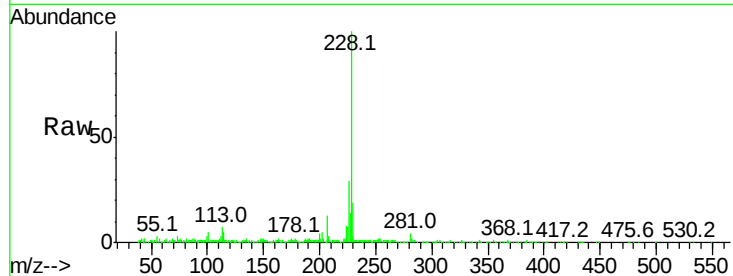
ClientSampleId :

DA856

Tot Ion:	228	Resp:	268639
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.0	36.0
229	19.5	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 13.77 ng/ul

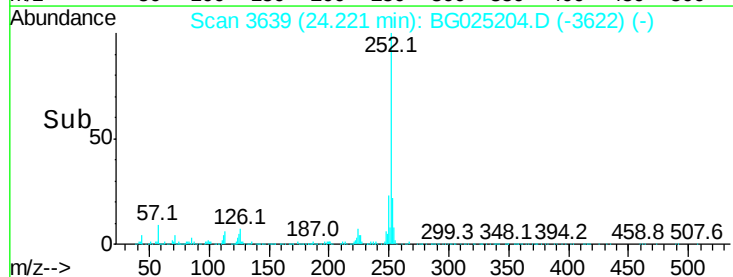
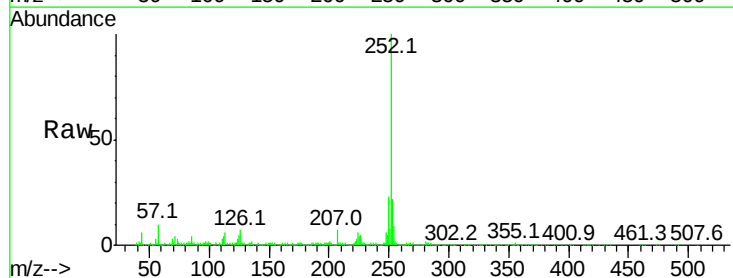
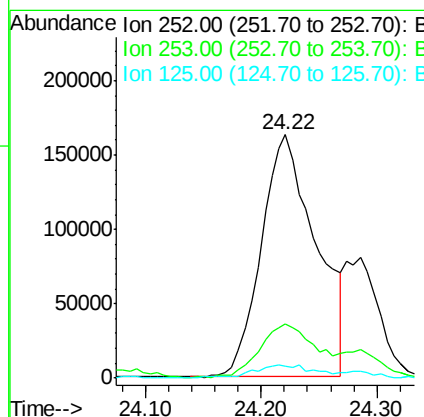
RT: 24.22 min Scan# 3639

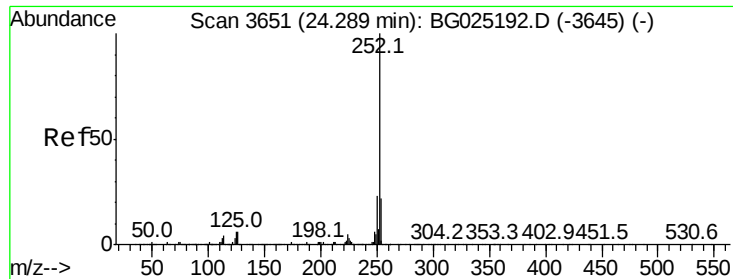
Delta R.T. 0.00 min

Lab File: BG025204.D

Acq: 15 Dec 2016 9:24

Tgt Ion:	252	Resp:	538961
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	4.9	4.0	6.0





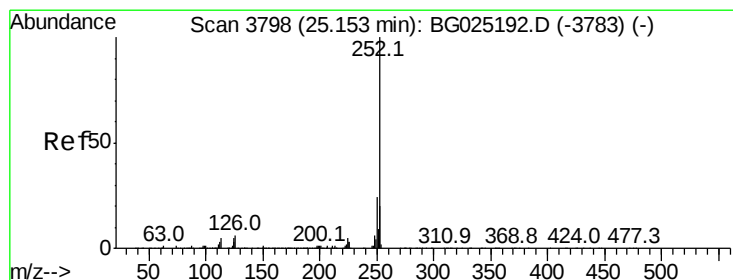
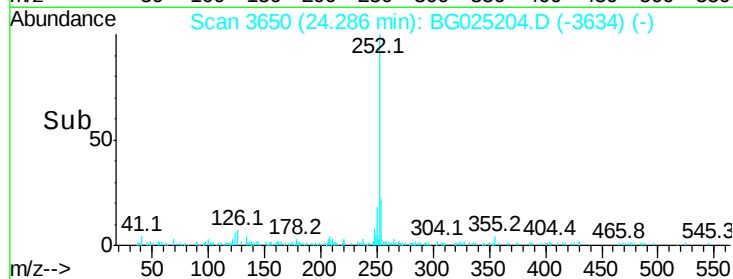
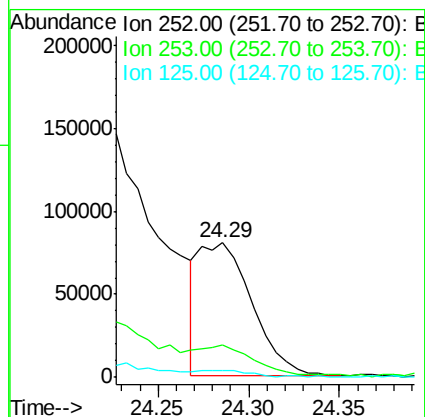
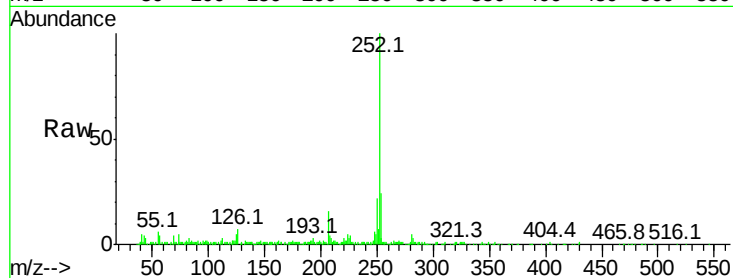
#86
Benzo(k)fluoranthene
Concen: 4.30 ng/ul
RT: 24.29 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Instrument :
BNA_G
ClientSampleId :
DA856

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	5.1	4.1	6.1

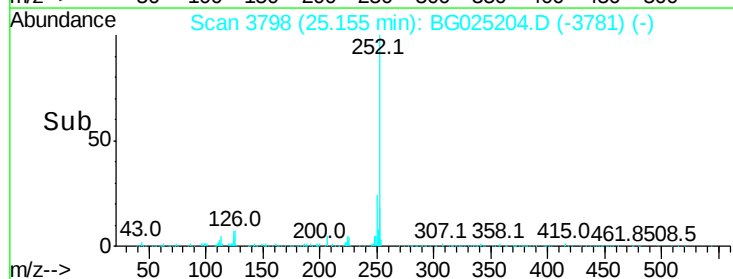
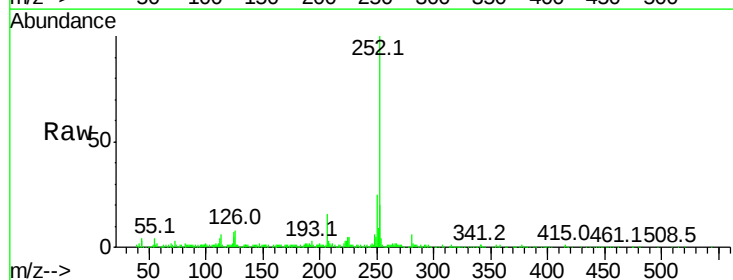
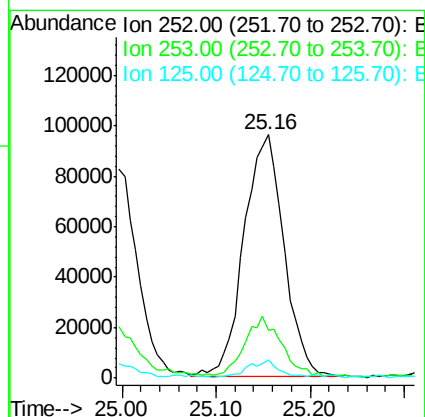
Manual Integrations
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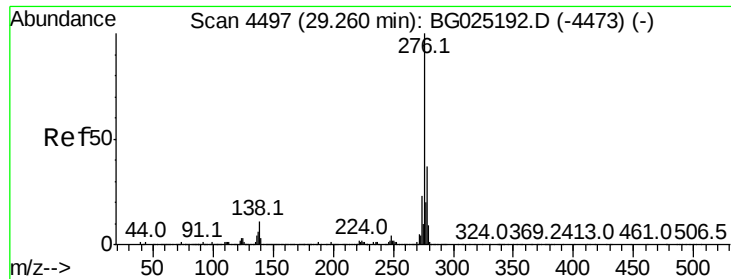
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#88
Benzo(a)pyrene
Concen: 7.46 ng/ul
RT: 25.16 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.8	26.6
125	7.4	5.4	8.0





#89

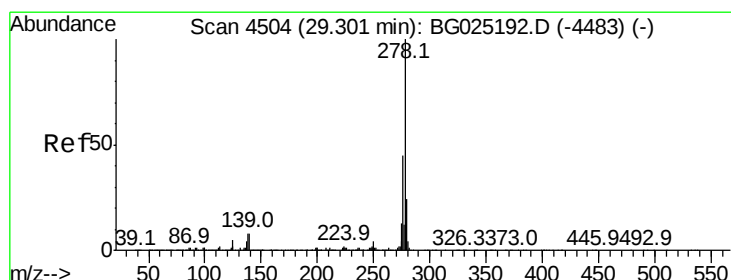
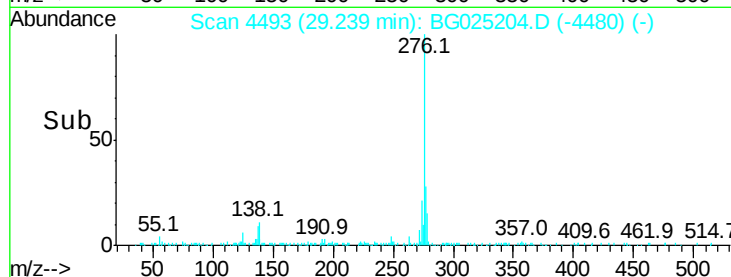
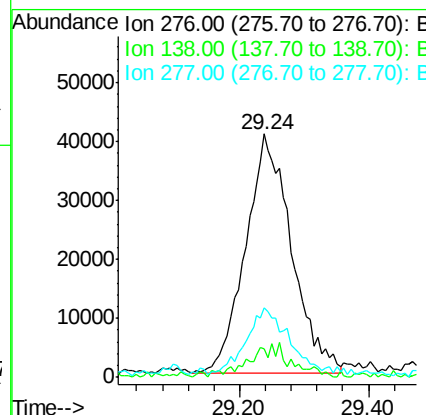
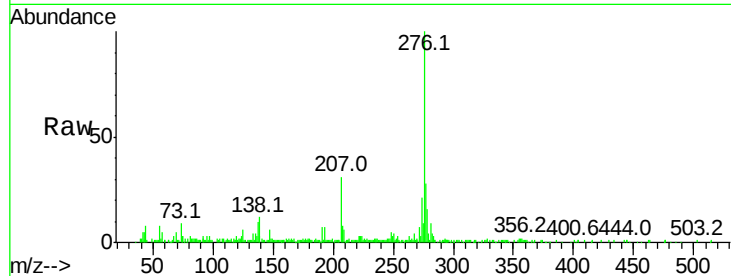
Indeno(1,2,3-cd)pyrene
Concen: 4.31 ng/ul m
RT: 29.24 min Scan# 4493
Delta R.T. -0.02 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Instrument :
BNA_G
ClientSampleId :
DA856

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	11.9	8.2	12.4
277	28.4	18.6	28.0

Manual Integrations
APPROVED

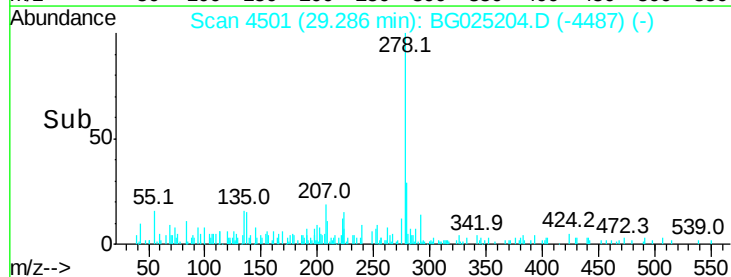
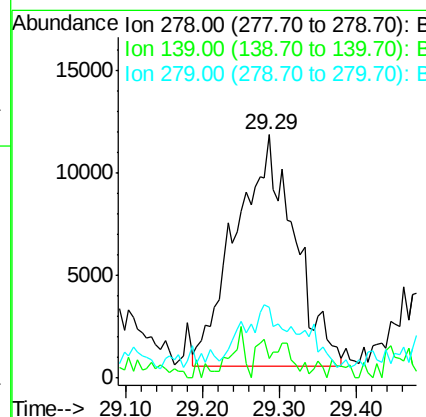
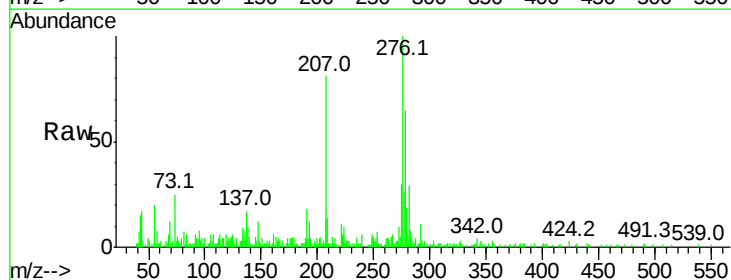
sohil
12/15/2016 5:45:12 PM

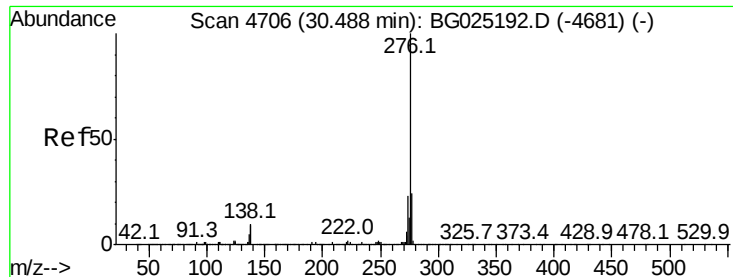


#90

Dibenzo(a,h)anthracene
Concen: 1.51 ng/ul m
RT: 29.29 min Scan# 4501
Delta R.T. -0.02 min
Lab File: BG025204.D
Acq: 15 Dec 2016 9:24

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.2	6.7	10.1
279	29.3	20.9	31.3





#91
 Benzo(a,h,i)perylene
 Concen: 4.35 ng/ul m
 RT: 30.47 min Scan# 4703
 Delta R.T. -0.02 min
 Lab File: BG025204.D
 Acq: 15 Dec 2016 9:24

Instrument :
 BNA_G
 ClientSampleId :
 DA856

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.2	8.6	12.8#
277	21.8	17.6	26.4

Manual Integrations
 APPROVED

sohil
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