

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026944.D
 Acq On : 10 May 2017 19:01
 Operator : SJ/MA
 Sample : I2960-05DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 BDC40DL

Manual Integrations
 APPROVED

mohammad
 5/11/2017 4:53:36 PM

Quant Time: May 11 09:05:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:49:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	174099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	852815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	447622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	804377	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	714727	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	746638	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	8647	2.24	ng/uL	0.00
5) Phenol-d5	7.19	99	198149	12.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	121933	13.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	162683	12.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	165460	12.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	84900	11.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	91742	11.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	146163	11.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	177621	10.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	456646	12.67	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	612739	13.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	57476	8.85	ng/ul	0.02
57) Fluorene-d10	15.61	176	381353	12.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	17835	3.65	ng/ul	0.01
70) Anthracene-d10	17.46	188	531920	13.63	ng/ul	0.00
76) Pyrene-d10	19.74	212	494757	13.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	469625	13.30	ng/ul	0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	14.07	163	175560	4.98	ng/ul	98
69) Phenanthrene	17.40	178	135160	2.98	ng/ul	97
74) Fluoranthene	19.41	202	332966	7.91	ng/ul#	84
77) Pyrene	19.77	202	277885	5.80	ng/ul#	74
80) Benzo(a)anthracene	21.59	228	136284	3.26	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.48	149	1522215	47.90	ng/ul#	96
82) Chrysene	21.65	228	144828	3.73	ng/ul	93
85) Benzo(b)fluoranthene	23.77	252	220977	5.18	ng/ul#	87
86) Benzo(k)fluoranthene	23.83	252	75751m	1.81	ng/ul	
88) Benzo(a)pyrene	24.62	252	149871	3.57	ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	28.39	276	93878	1.89	ng/ul#	67
91) Benzo(g,h,i)perylene	29.53	276	75814	1.84	ng/ul#	72

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

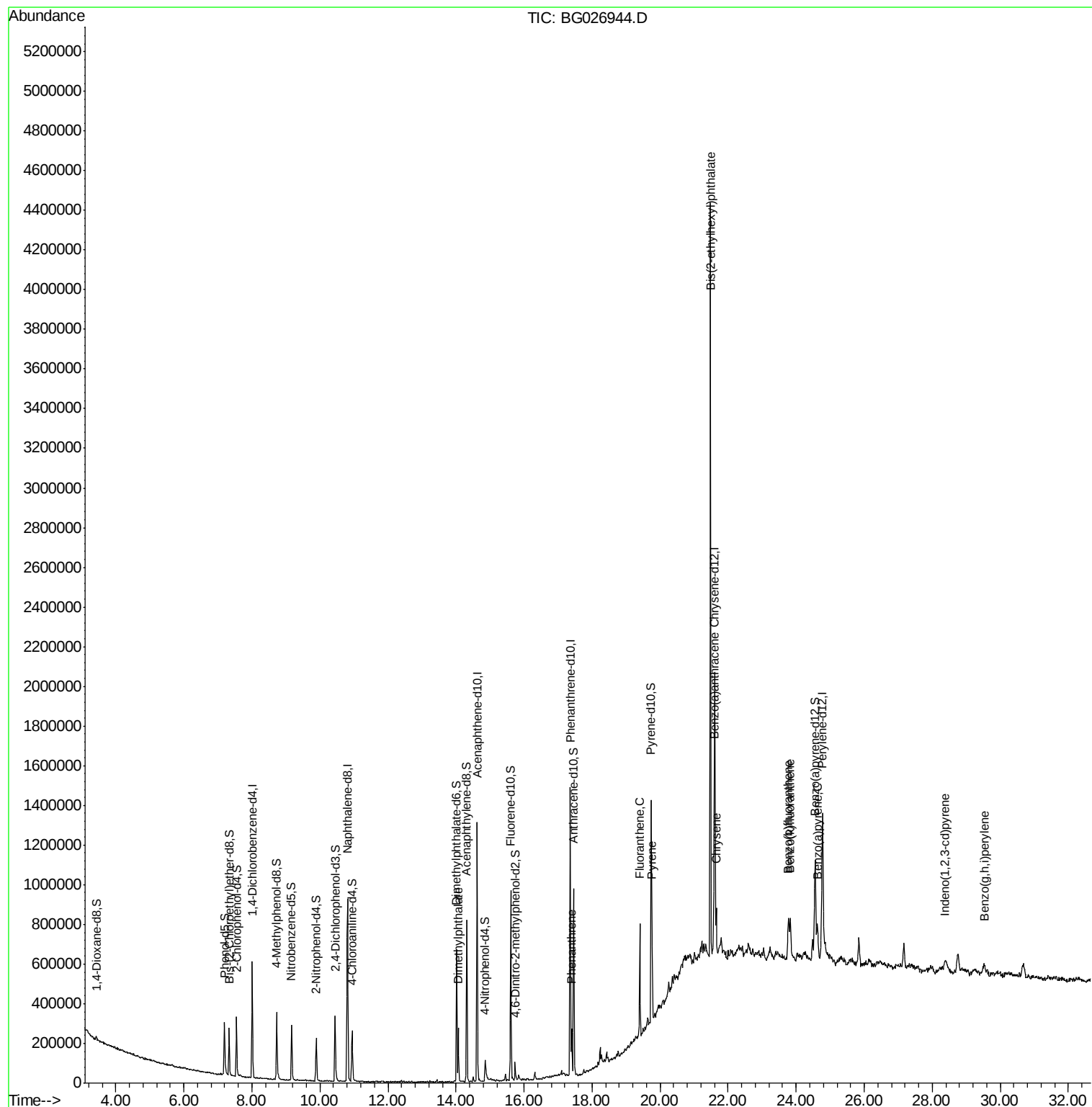
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026944.D
Acq On : 10 May 2017 19:01
Operator : SJ/MA
Sample : I2960-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

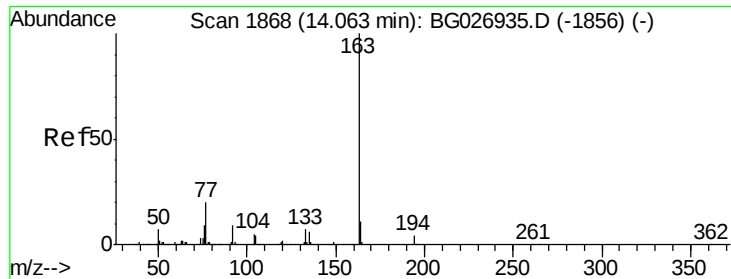
Instrument :
BNA_G
ClientSampleId :
BDC40DL

Quant Time: May 11 09:05:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:36 PM





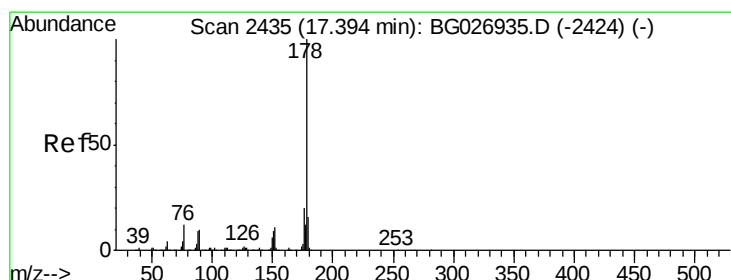
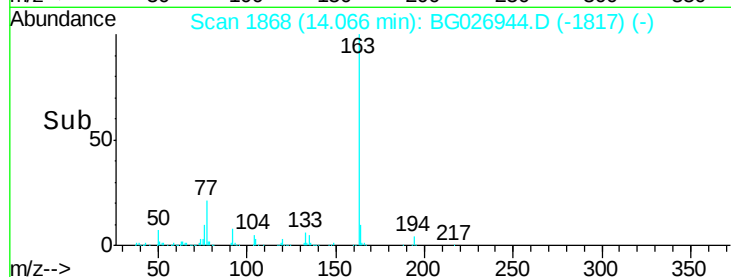
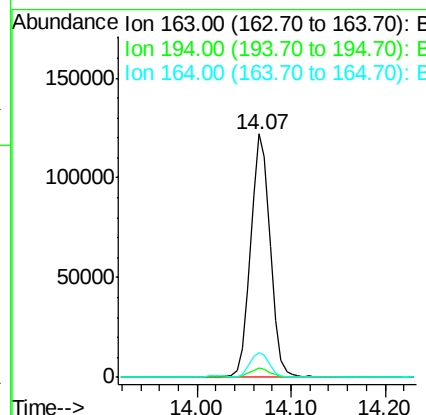
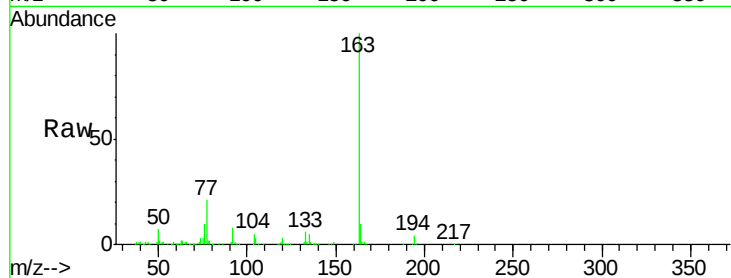
#44
Dimethylphthalate
Concen: 4.98 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Instrument :
BNA_G
ClientSampleId :
BDC40DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.4	5.0
164	10.3	9.0	13.4

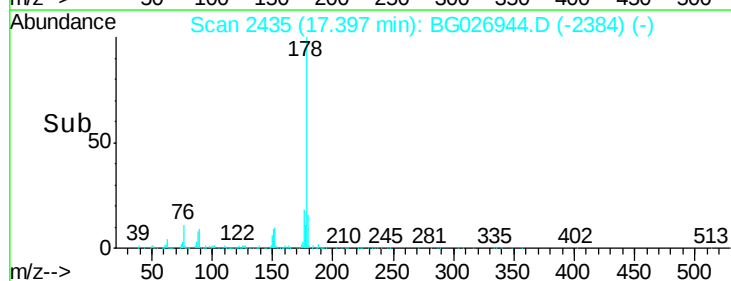
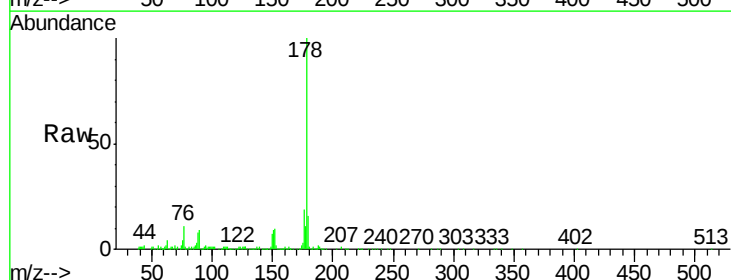
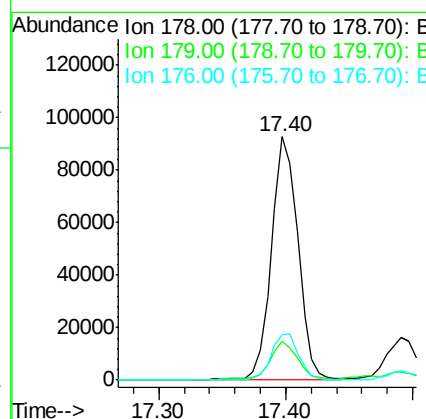
Manual Integrations
APPROVED

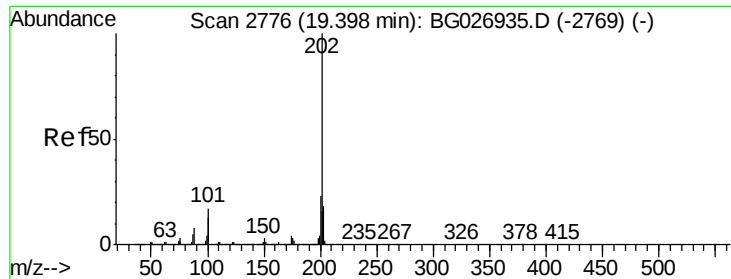
mohammad
5/11/2017 4:53:36 PM



#69
Phenanthrene
Concen: 2.98 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.4	18.6
176	18.7	16.5	24.7





#74

Fluoranthene

Concen: 7.91 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

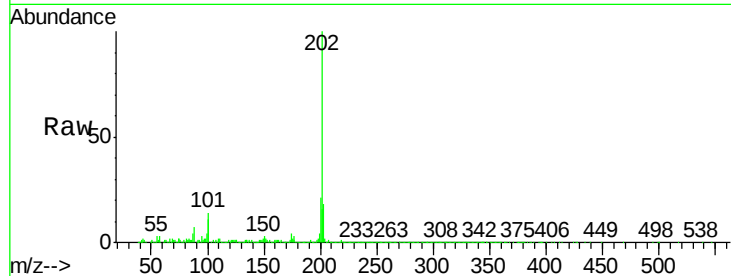
ClientSampleId :

BDC40DL

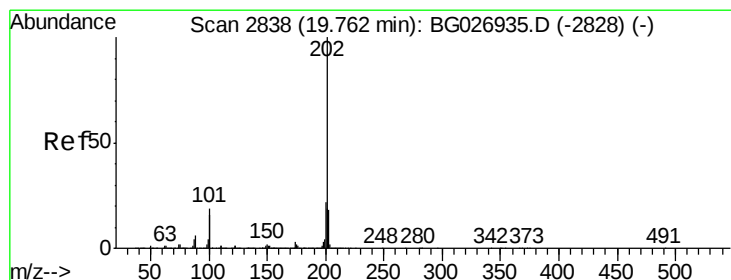
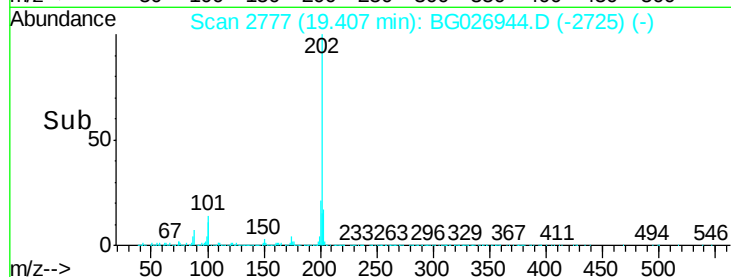
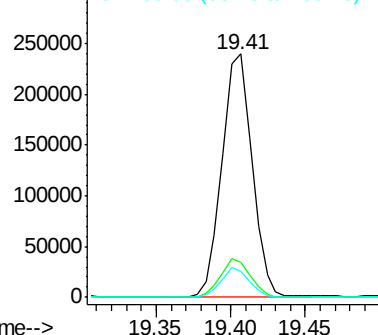
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	332966		
101	14.4	6.2	9.2#	
100	10.8	5.2	7.8#	

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:36 PM



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



#77

Pyrene

Concen: 5.80 ng/ul

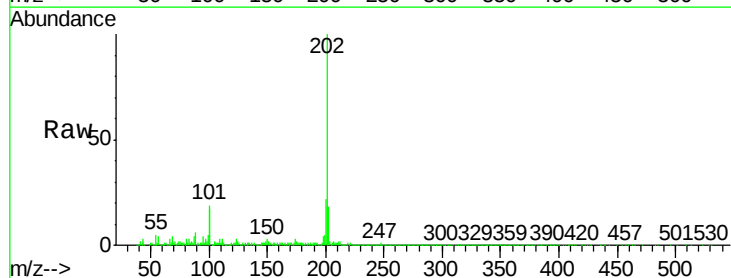
RT: 19.77 min Scan# 2838

Delta R.T. 0.01 min

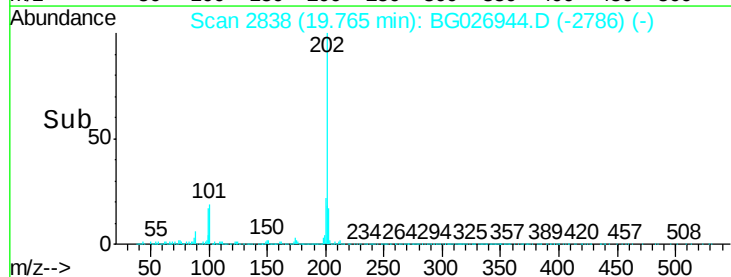
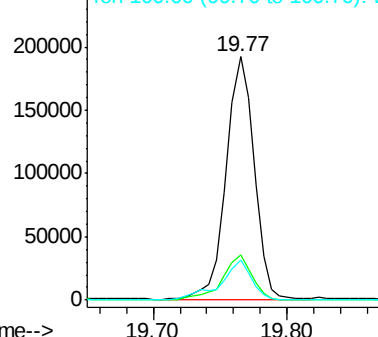
Lab File: BG026944.D

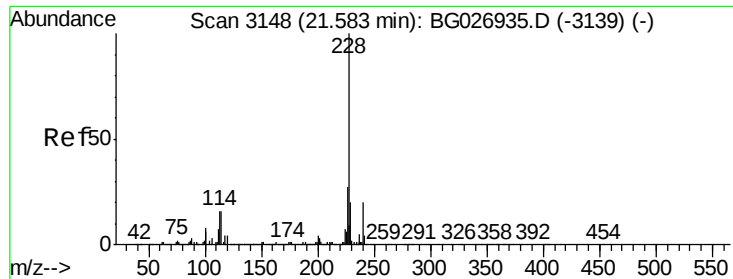
Acq: 10 May 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	277885		
101	18.6	6.9	10.3#	
100	16.7	6.6	10.0#	



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





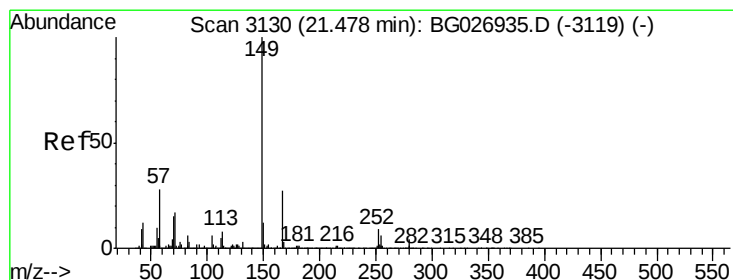
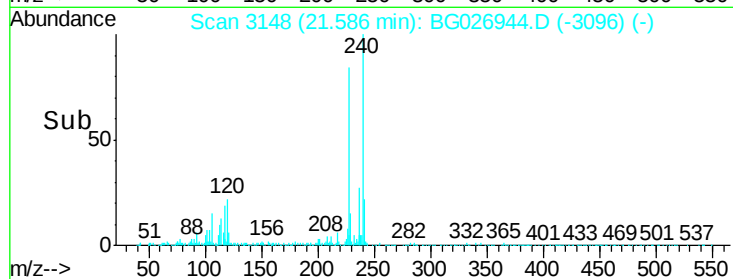
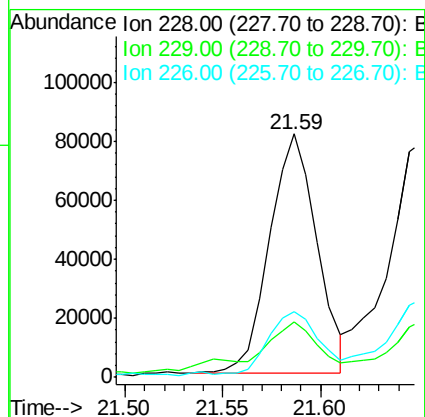
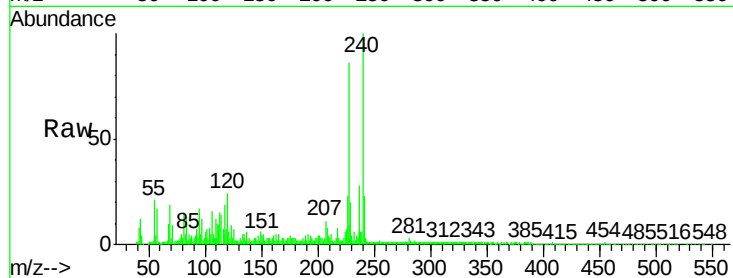
#80
Benzo(a)anthracene
Concen: 3.26 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Instrument :
BNA_G
ClientSampleId :
BDC40DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.3	24.5
226	26.9	21.9	32.9

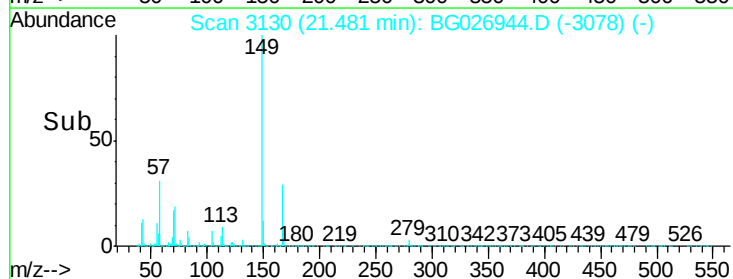
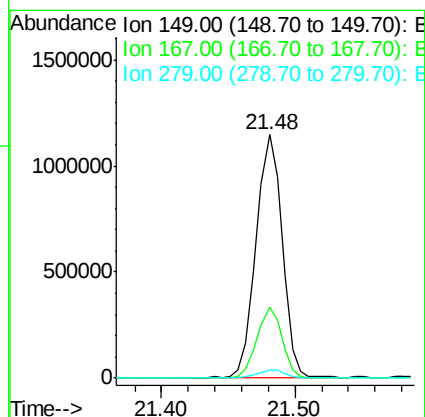
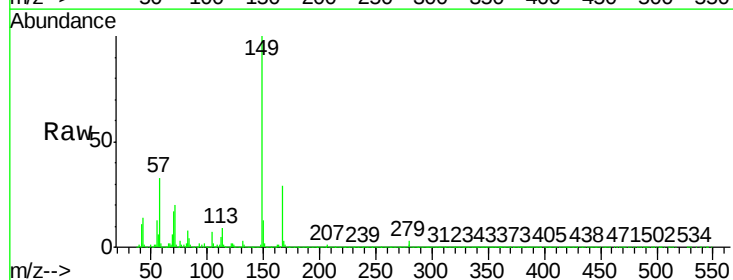
Manual Integrations
APPROVED

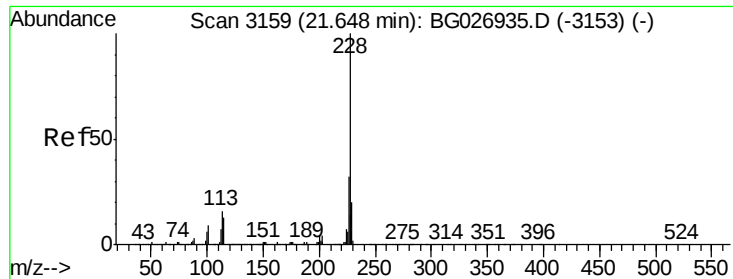
mohammad
5/11/2017 4:53:36 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 47.90 ng/ul
RT: 21.48 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.8
279	3.5	4.5	6.7#





#82

Chrysene

Concen: 3.73 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

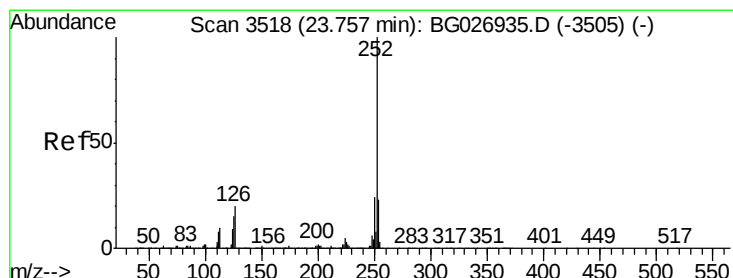
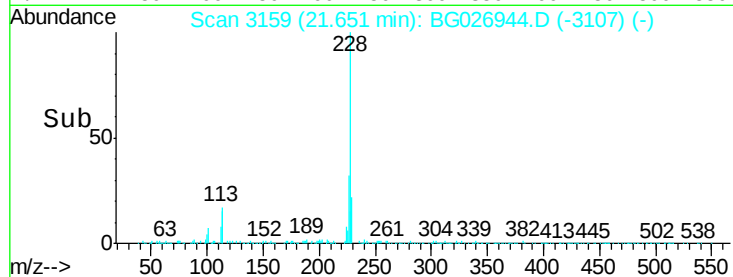
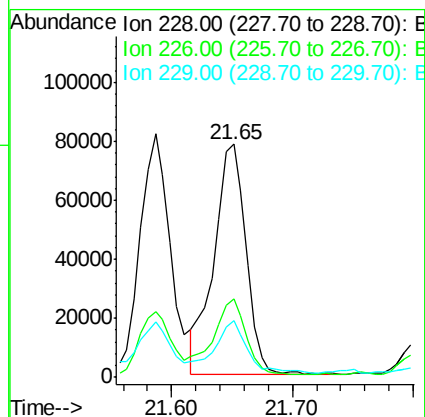
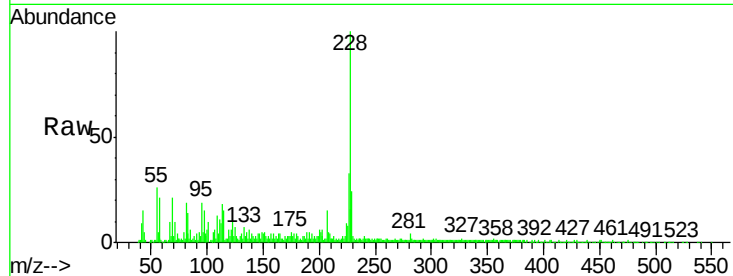
ClientSampled :

BDC40DL

Tgt Ion:	228	Resp:	144828
Ion Ratio	Lower	Upper	
228	100		
226	33.5	24.0	36.0
229	24.4	16.9	25.3

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:36 PM



#85

Benzo(b)fluoranthene

Concen: 5.18 ng/ul

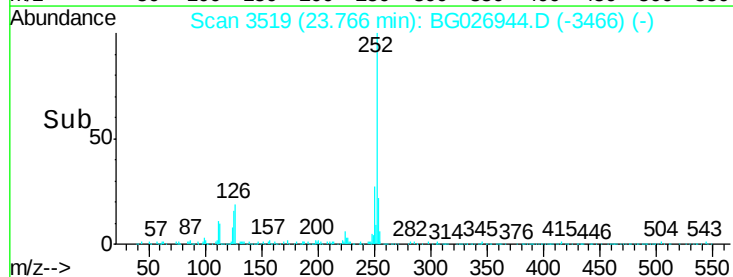
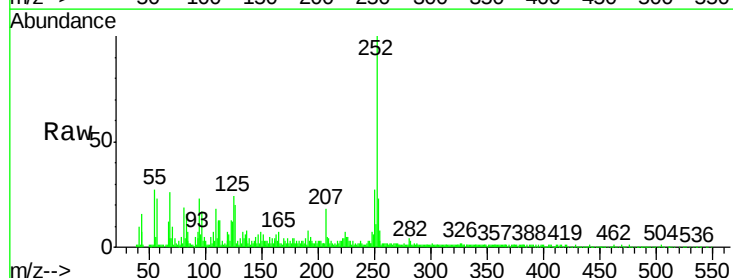
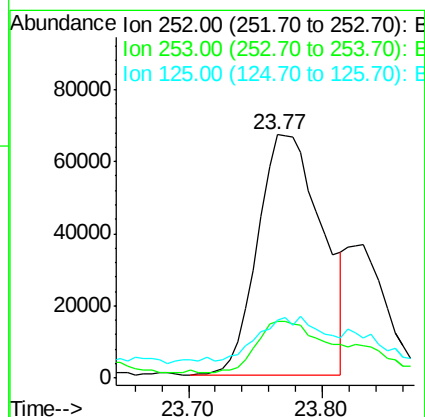
RT: 23.77 min Scan# 3519

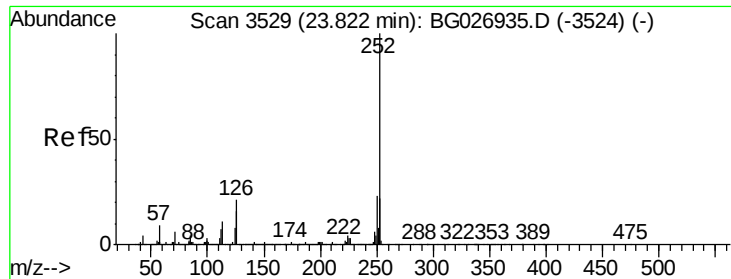
Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Tgt Ion:	252	Resp:	220977
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	24.0	4.0	6.0#





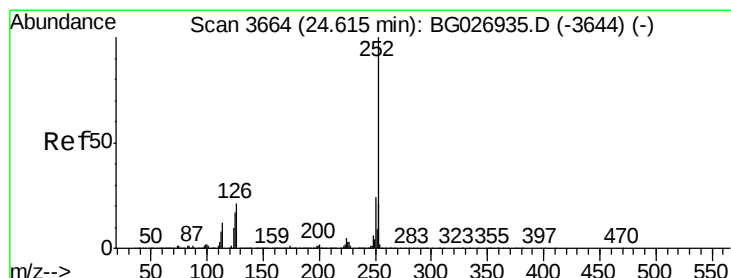
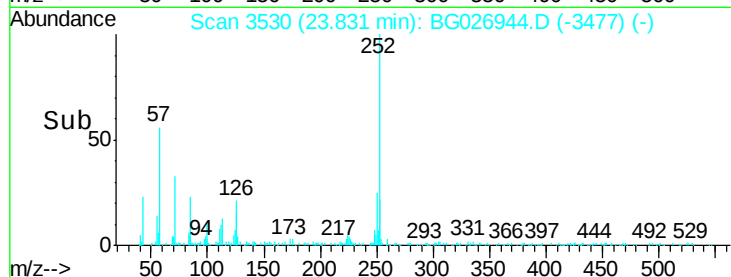
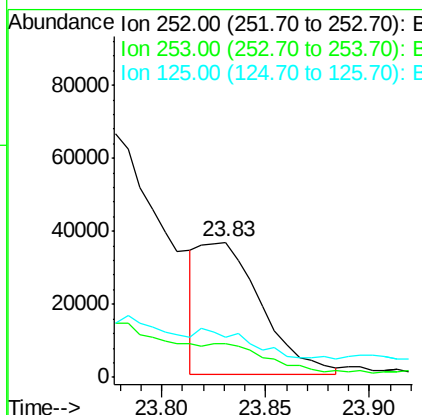
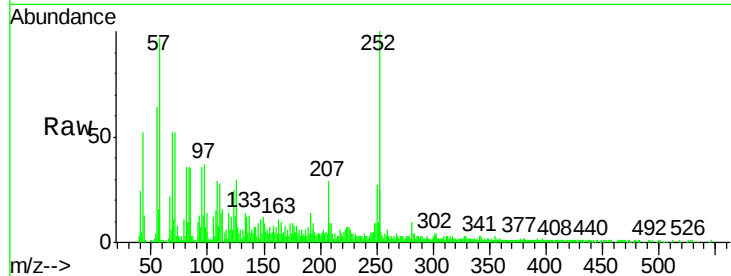
#86
Benzo(k)fluoranthene
Concen: 1.81 ng/ul m
RT: 23.83 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Instrument :
BNA_G
ClientSampleId :
BDC40DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	29.5	4.1	6.1#

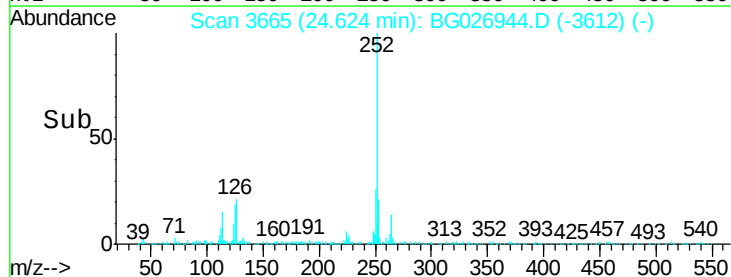
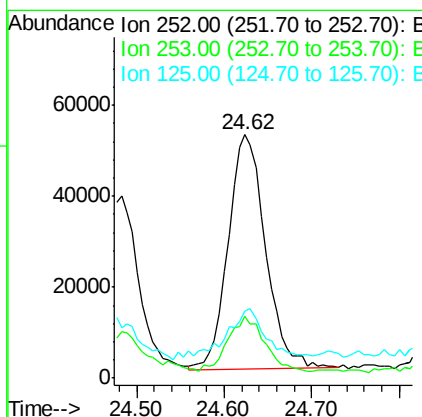
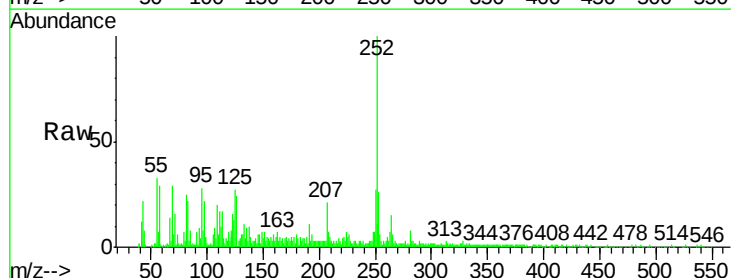
Manual Integrations
APPROVED

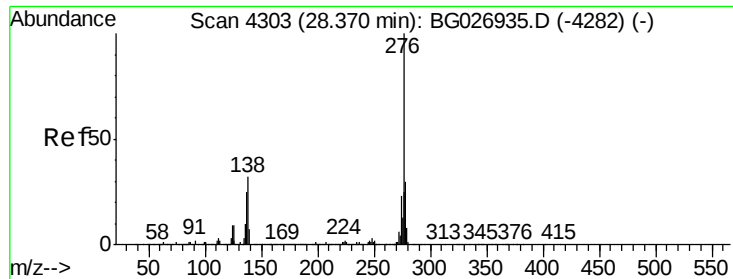
mohammad
5/11/2017 4:53:36 PM



#88
Benzo(a)pyrene
Concen: 3.57 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	27.4	5.4	8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.89 ng/ul

RT: 28.39 min Scan# 4306

Delta R.T. 0.02 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

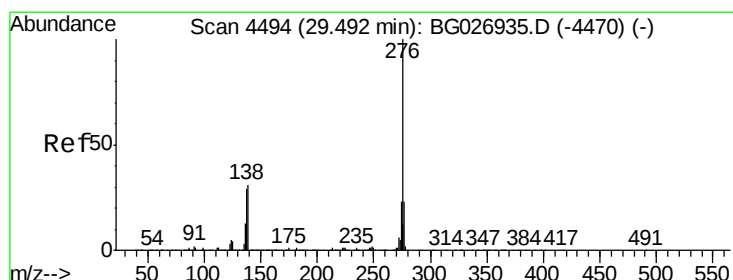
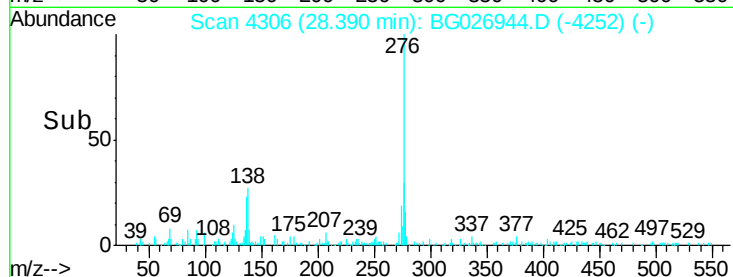
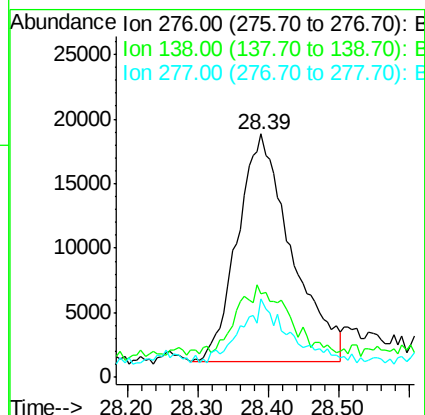
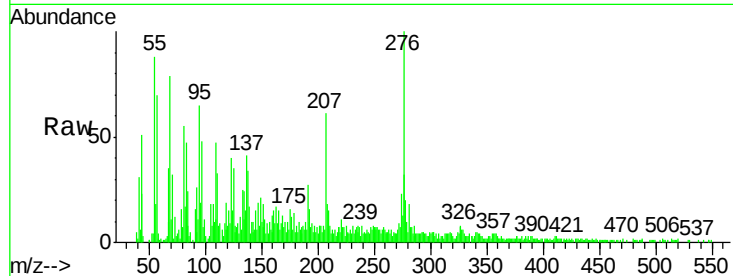
ClientSampleId :

BDC40DL

Tgt Ion:	276	Resp:	93878
Ion Ratio	Lower	Upper	
276	100		
138	34.4	8.2	12.4#
277	32.3	18.6	28.0#

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:36 PM



#91

Benzo(g,h,i)perylene

Concen: 1.84 ng/ul

RT: 29.53 min Scan# 4500

Delta R.T. 0.05 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Tgt Ion:	276	Resp:	75814
Ion Ratio	Lower	Upper	
276	100		
138	40.0	8.6	12.8#
277	23.7	17.6	26.4

