

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028528.D
 Acq On : 28 Aug 2017 21:12
 Operator : SJ/JU
 Sample : I4905-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B20

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:09 PM

Quant Time: Aug 29 04:27:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43081	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	176700	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	123021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	278252	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	330852	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	325046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6120	6.62	ng/uL	0.00
5) Phenol-d5	7.49	99	139003	29.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	93823	31.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	109222	36.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	102866	26.01	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	57831m	41.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	67304	44.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	118832	37.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	160440	45.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	404586	36.98	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	476658	38.64	ng/ul	0.01
51) 4-Nitrophenol-d4	15.15	143	59680	34.30	ng/ul	0.01
57) Fluorene-d10	15.95	176	364041	37.09	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.06	200	64763	35.83	ng/ul	0.00
70) Anthracene-d10	17.80	188	573091	42.95	ng/ul	0.00
76) Pyrene-d10	20.08	212	688615	40.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	678124	44.56	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	7.52	94	11563	2.459	ng/ul 98
34) 2-Methylnaphthalene	12.79	142	27077	3.852	ng/ul 98
44) Dimethylphthalate	14.39	163	114209	11.336	ng/ul# 90
58) Fluorene	16.00	166	19160	1.866	ng/ul# 69
69) Phenanthrene	17.74	178	63748	4.552	ng/ul# 83
77) Pyrene	20.10	202	28909	1.465	ng/ul# 91

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

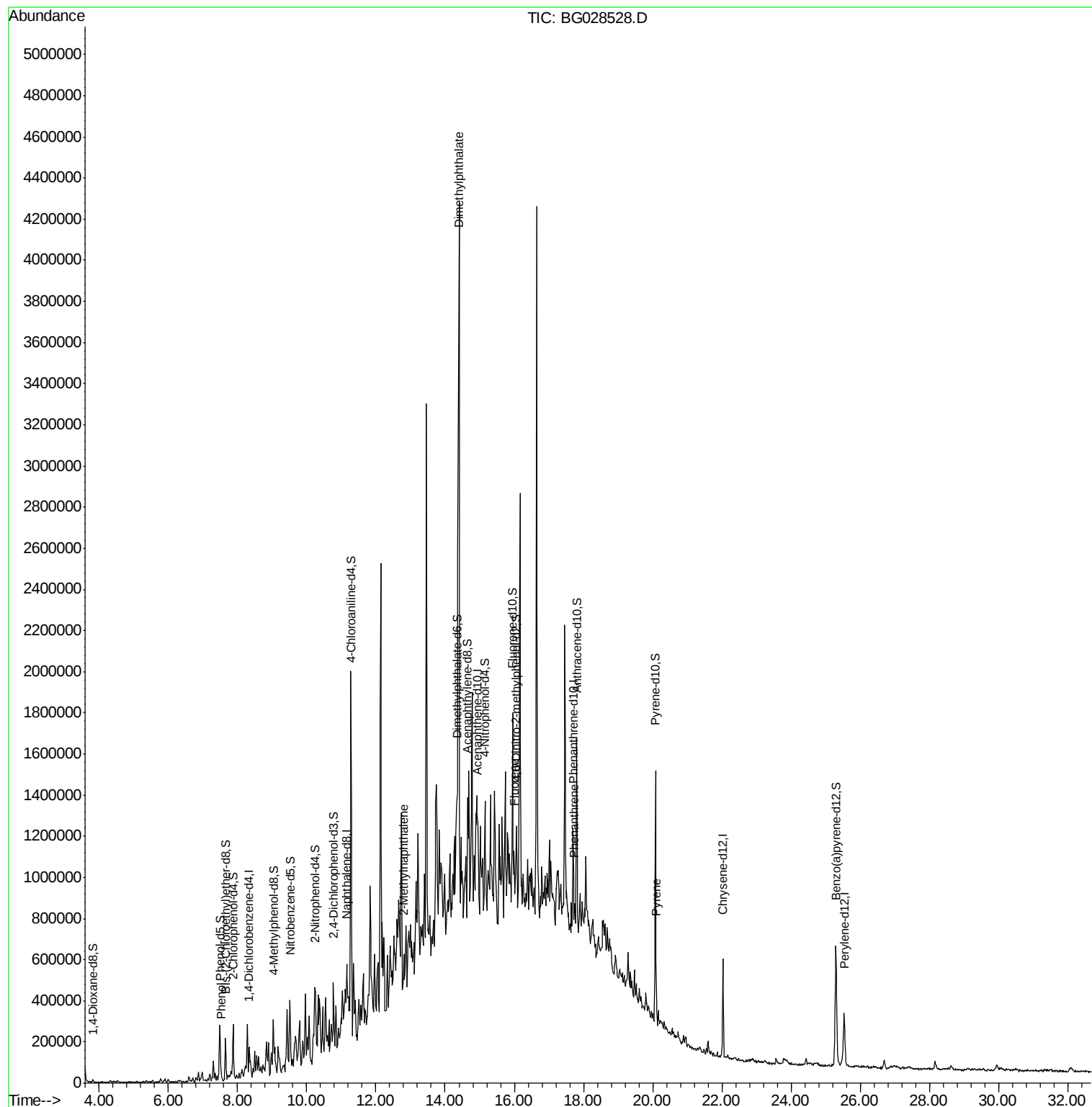
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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ALS Vial : 14 Sample Multiplier: 1

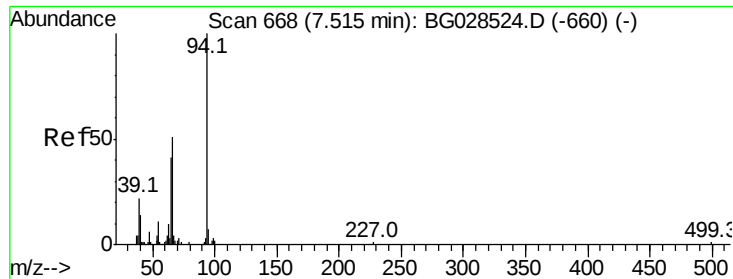
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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.459 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028528.D

Acq: 28 Aug 2017 21:12

Instrument :

BNA_G

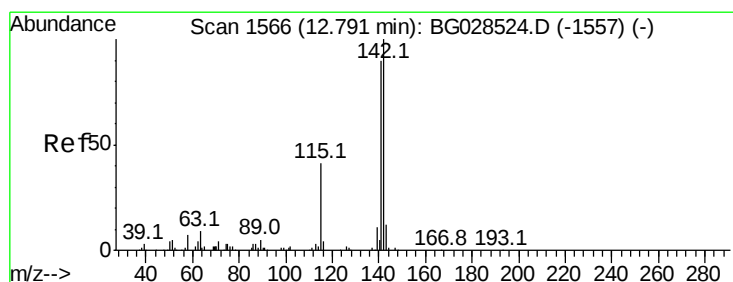
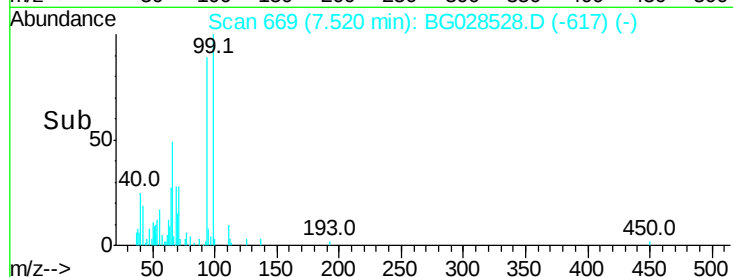
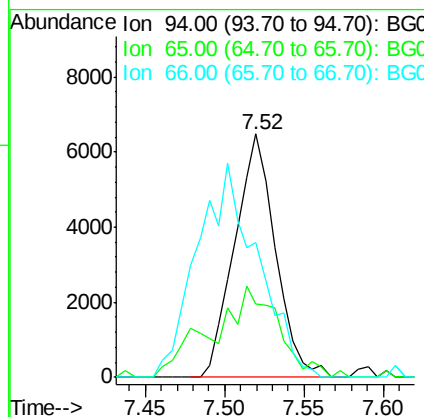
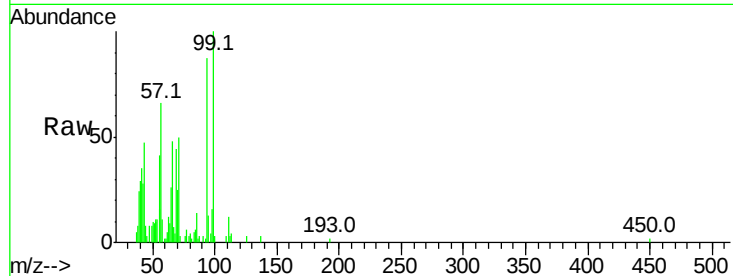
ClientSampleId :

B0B20

Tot Ion:	94	Resp:	11563
Ion Ratio	Lower	Upper	
94	100		
65	30.2	26.8	40.2
66	55.2	44.4	66.6

Manual Integrations
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#34

2-Methylnaphthalene

Concen: 3.852 ng/ul

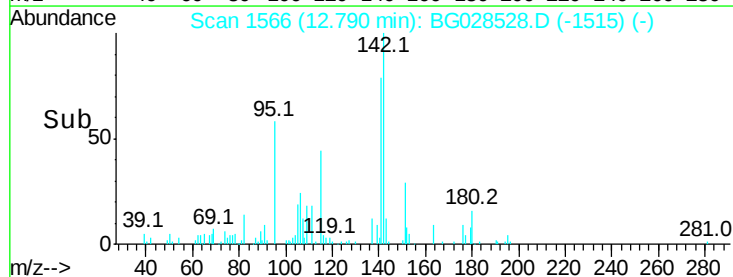
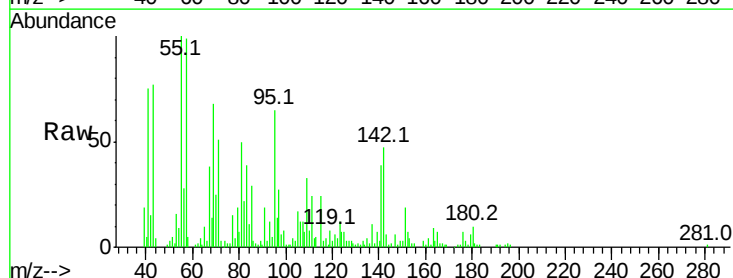
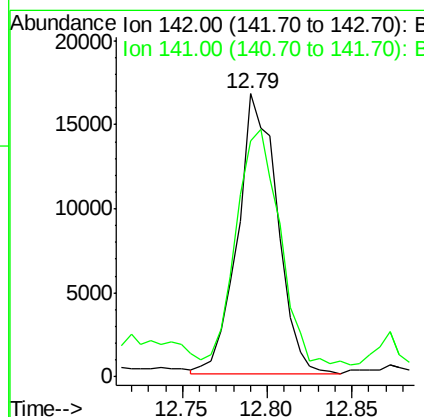
RT: 12.79 min Scan# 1566

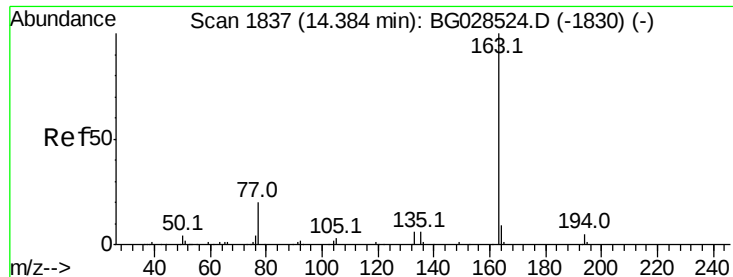
Delta R.T. -0.00 min

Lab File: BG028528.D

Acq: 28 Aug 2017 21:12

Tgt Ion:	142	Resp:	27077
Ion Ratio	Lower	Upper	
142	100		
141	83.5	68.6	102.8





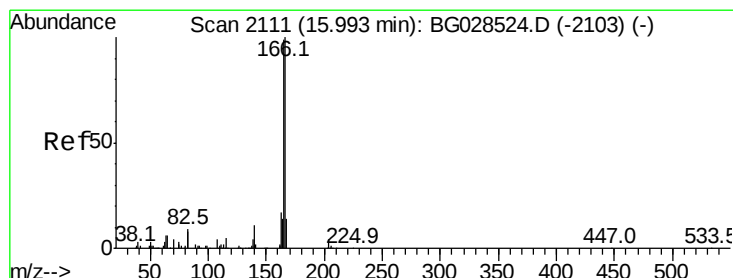
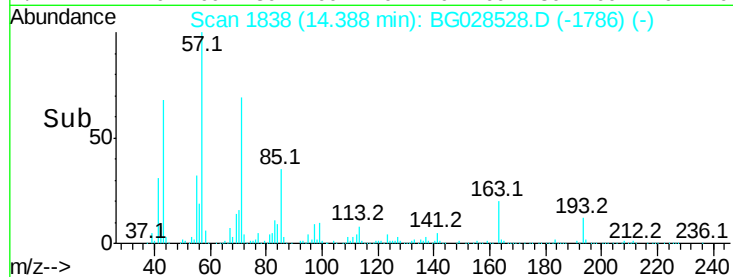
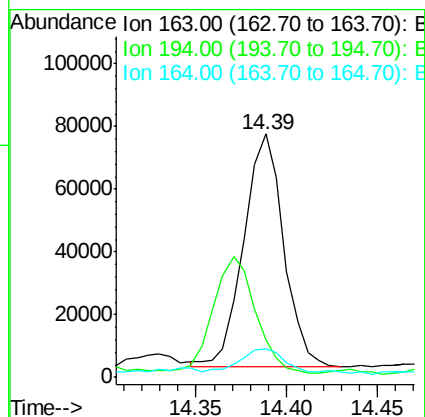
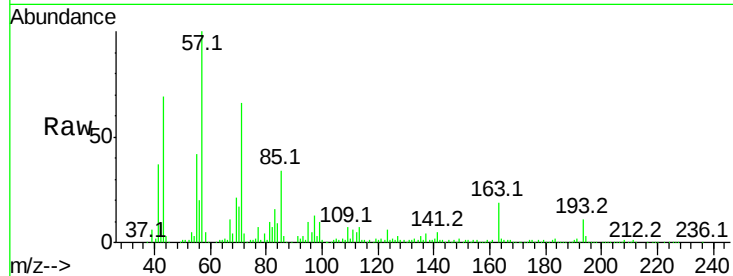
#44
Dimethylphthalate
Concen: 11.336 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028528.D
Acq: 28 Aug 2017 21:12

Instrument :
BNA_G
ClientSampled :
B0B20

Tot Ion	Ratio	Lower	Upper
163	100		
194	15.3	3.4	5.0#
164	11.7	9.0	13.4

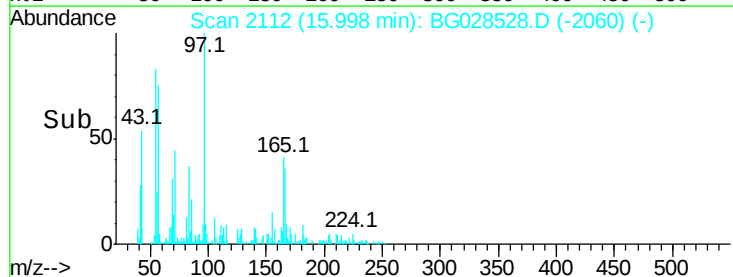
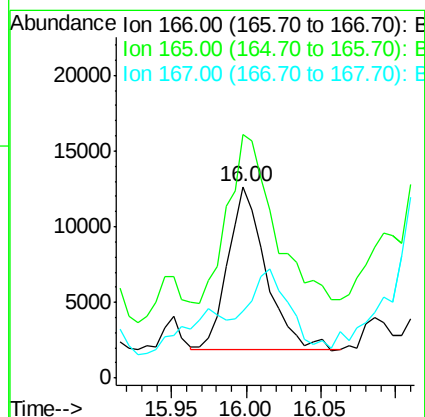
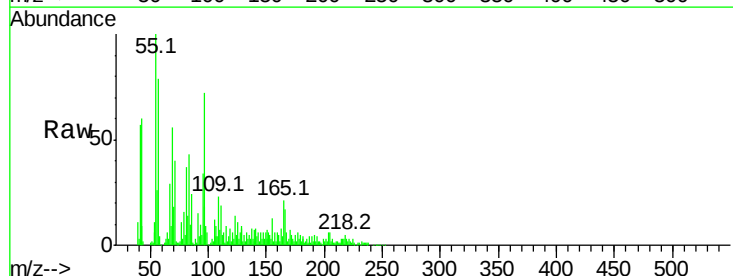
Manual Integrations
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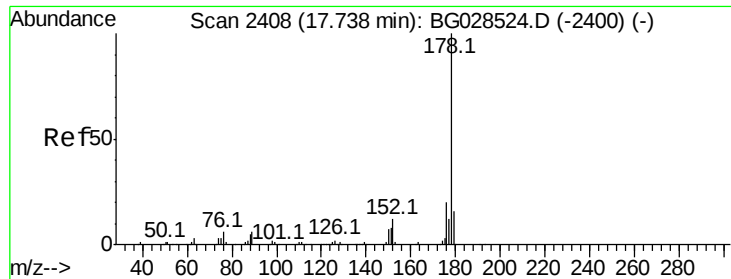
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#58
Fluorene
Concen: 1.866 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG028528.D
Acq: 28 Aug 2017 21:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	127.3	79.7	119.5#
167	35.2	11.4	17.2#





#69

Phenanthrene

Concen: 4.552 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028528.D

Acq: 28 Aug 2017 21:12

Instrument :

BNA_G

ClientSampleId :

B0B20

Tot Ion:178 Resp: 63748

Ion Ratio Lower Upper

178 100

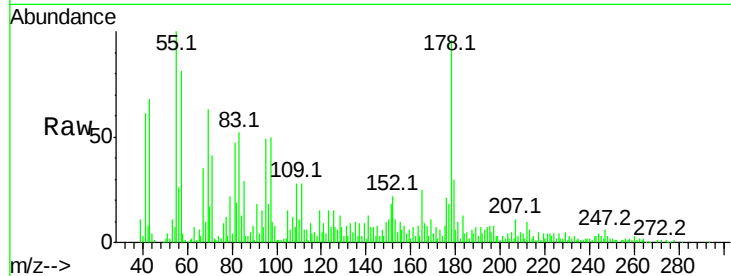
179 31.2 12.4 18.6#

176 21.4 16.5 24.7

Manual Integrations
APPROVED

Sohil

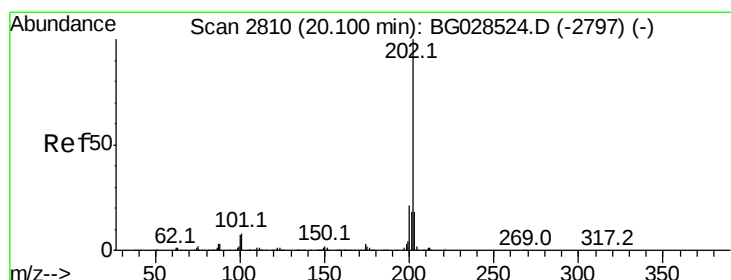
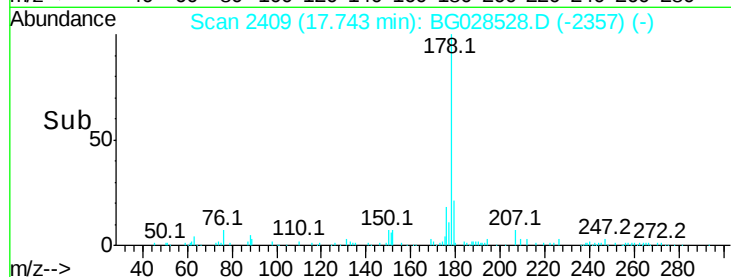
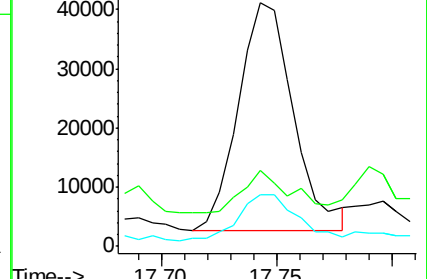
8/29/2017 6:02:09 PM



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

Pyrene

Concen: 1.465 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028528.D

Acq: 28 Aug 2017 21:12

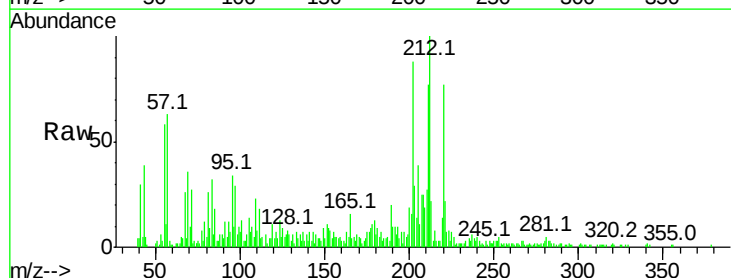
Tgt Ion:202 Resp: 28909

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

100 7.8 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

