

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028359.D
 Acq On : 16 Aug 2017 1:18
 Operator : SJ/JU
 Sample : I4672-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG6

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:23 PM

Quant Time: Aug 16 04:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	50592	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	236631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	170686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	382850	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	428795	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	412804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3597	3.31	ng/uL	0.00
5) Phenol-d5	7.51	99	94335	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	58553	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	68359	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	73996	15.93	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	36735	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	44445	21.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	85453	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	80678	17.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	297235	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	346784	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	34041	14.10	ng/ul	0.00
57) Fluorene-d10	15.96	176	255549	18.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	45396	18.25	ng/ul	0.00
70) Anthracene-d10	17.81	188	393158	21.42	ng/ul	0.00
76) Pyrene-d10	20.09	212	466856	21.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	423132	21.90	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.40	163	82403	5.895	ng/ul	99
58) Fluorene	16.01	166	29375	2.062	ng/ul	94
69) Phenanthrene	17.76	178	287208	14.907	ng/ul	99
71) Anthracene	17.85	178	64325	3.267	ng/ul	98
74) Fluoranthene	19.76	202	394010	16.827	ng/ul	99
77) Pyrene	20.11	202	298692	11.676	ng/ul	99
80) Benzo(a)anthracene	22.02	228	178601	7.209	ng/ul	99
82) Chrysene	22.10	228	138704	6.216	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	185419	7.506	ng/ul#	98
86) Benzo(k)fluoranthene	24.51	252	66065m	2.738	ng/ul	
88) Benzo(a)pyrene	25.40	252	115841	4.843	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.59	276	61754	2.205	ng/ul#	89
91) Benzo(g,h,i)perylene	30.87	276	48007m	2.083	ng/ul	

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

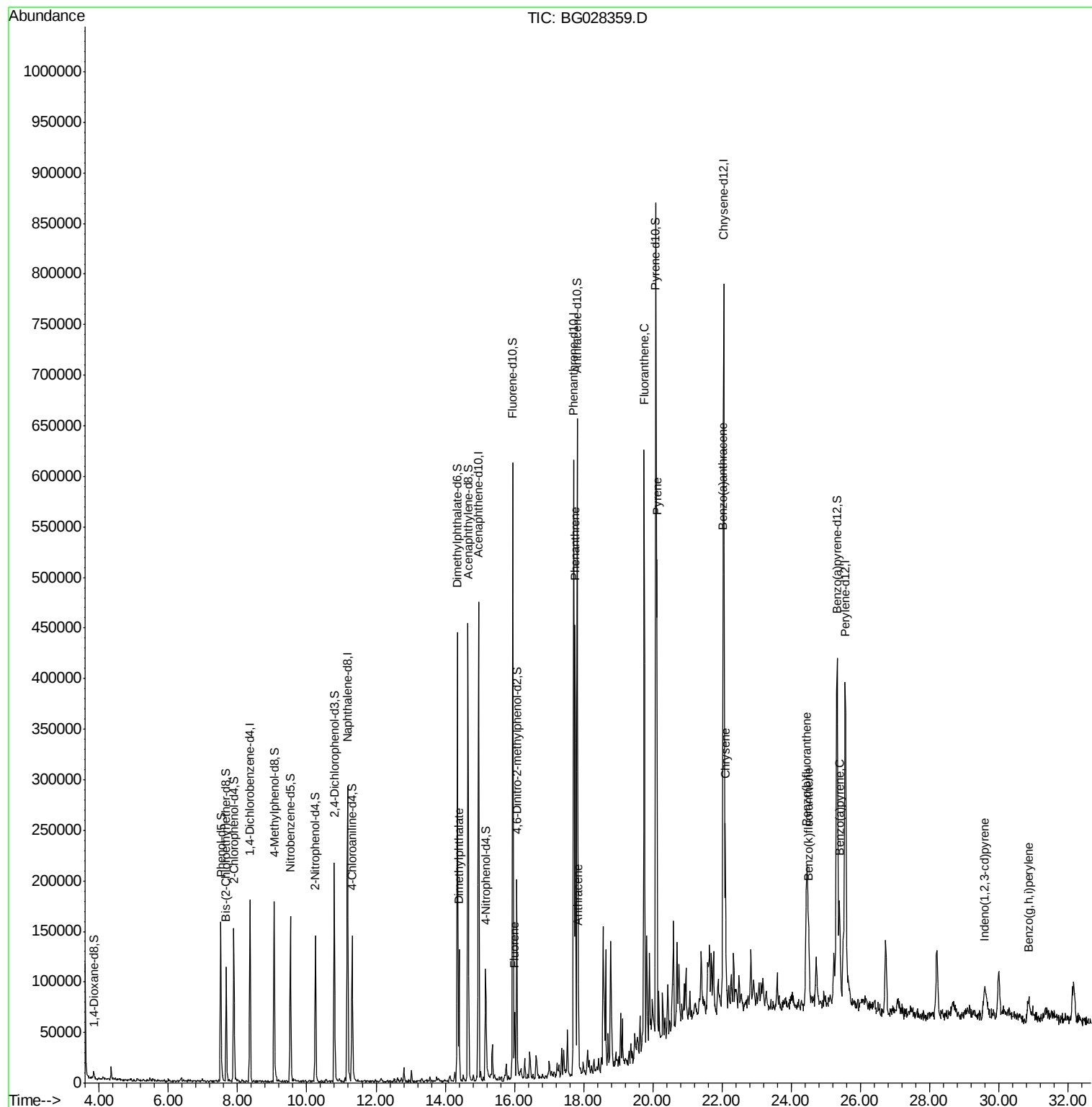
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028359.D
Acq On : 16 Aug 2017 1:18
Operator : SJ/JU
Sample : I4672-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

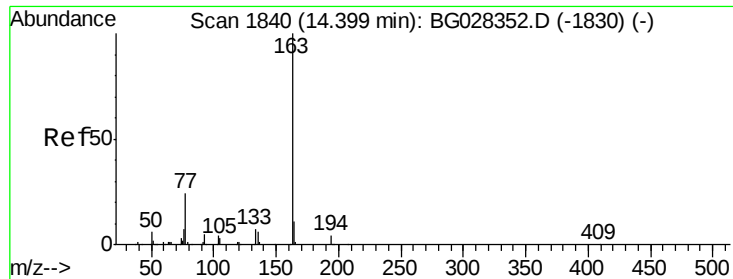
Instrument :
BNA_G
ClientSampleId :
C0AG6

Manual Integrations
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Quant Time: Aug 16 04:49:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration





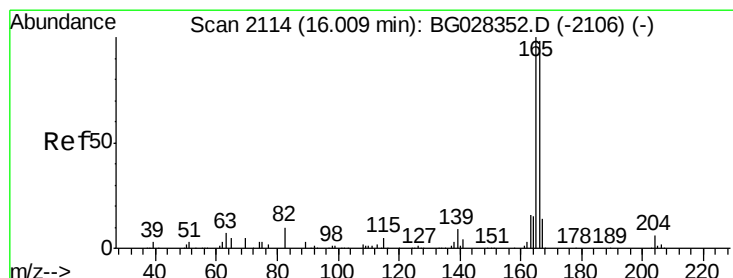
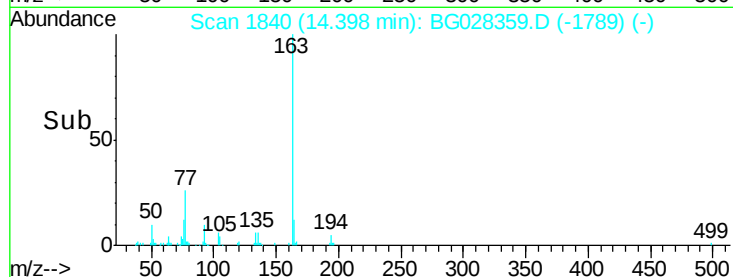
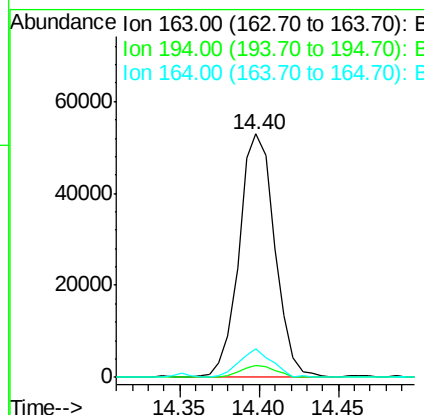
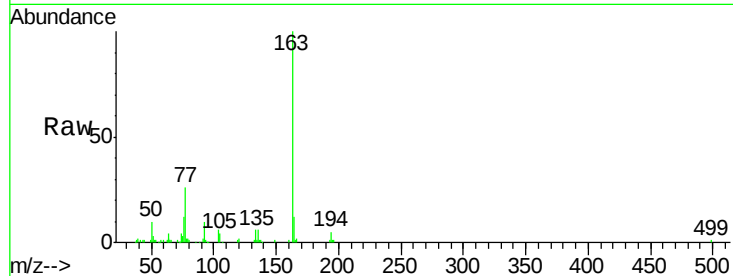
#44
Dimethylphthalate
Concen: 5.895 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Instrument :
BNA_G
ClientSampleId :
C0AG6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82403		
194	4.7		3.4	5.0
164	11.5		9.0	13.4

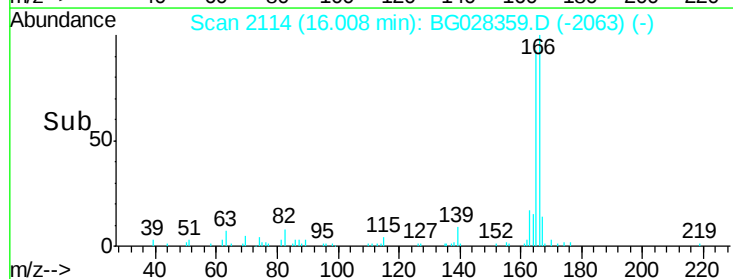
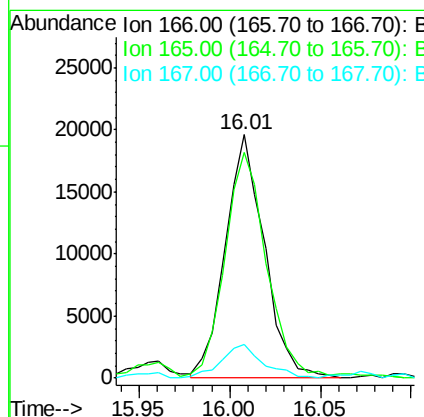
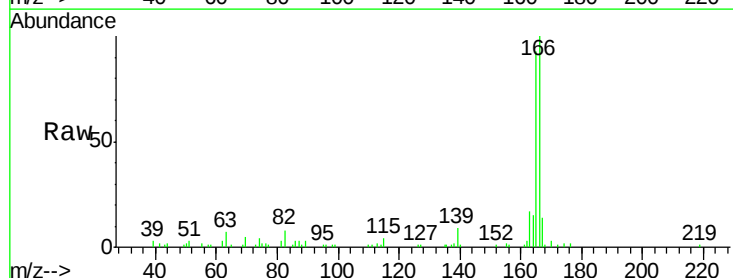
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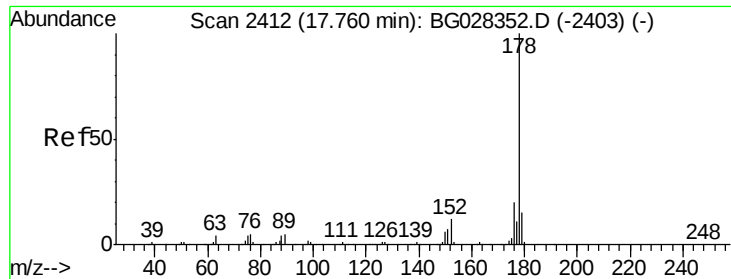
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#58
Fluorene
Concen: 2.062 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	29375		
165	92.9		79.7	119.5
167	13.9		11.4	17.2





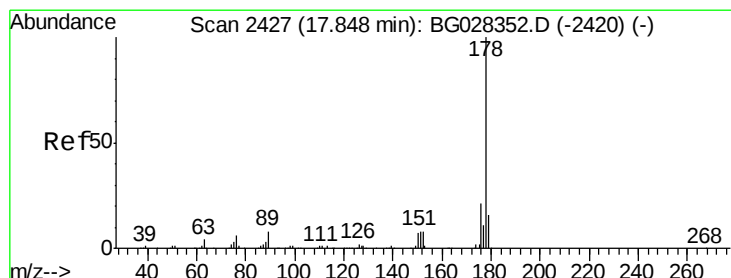
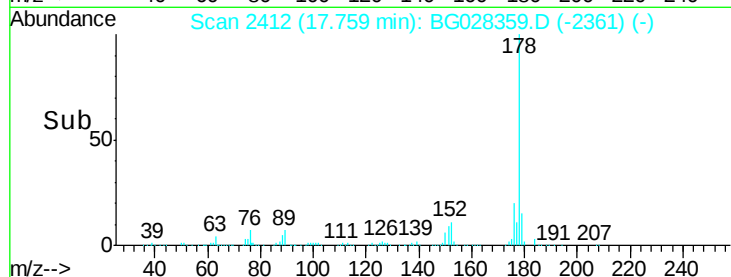
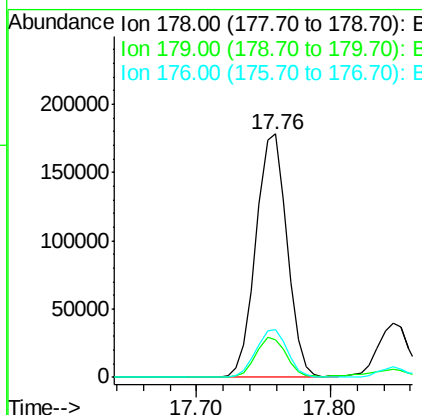
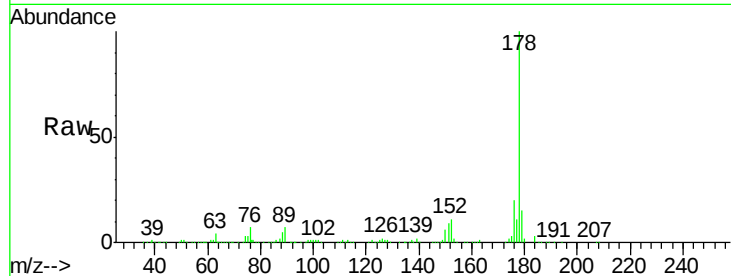
#69
Phenanthrene
Concen: 14.907 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Instrument :
BNA_G
ClientSampleId :
C0AG6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	16.5	24.7

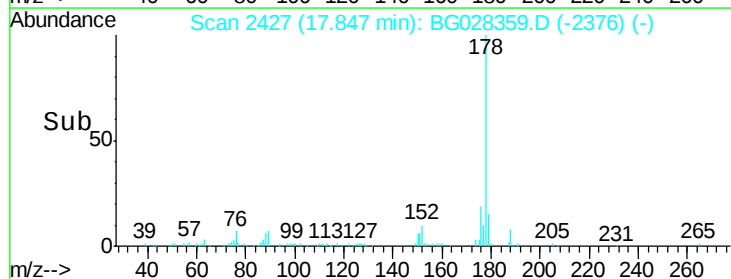
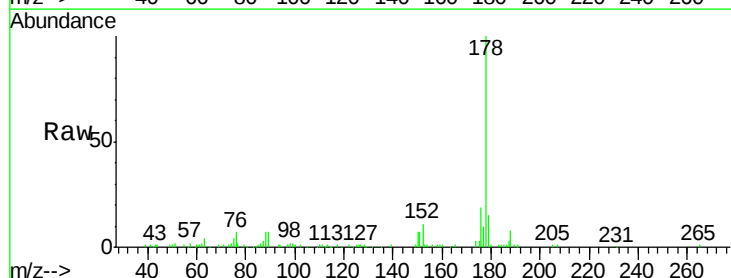
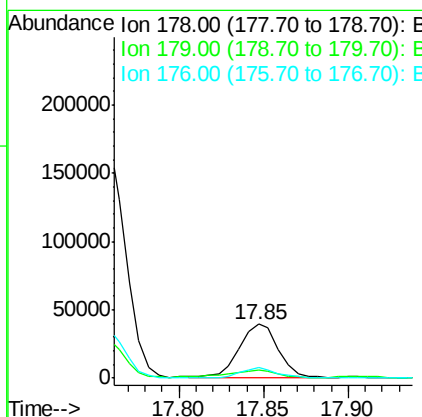
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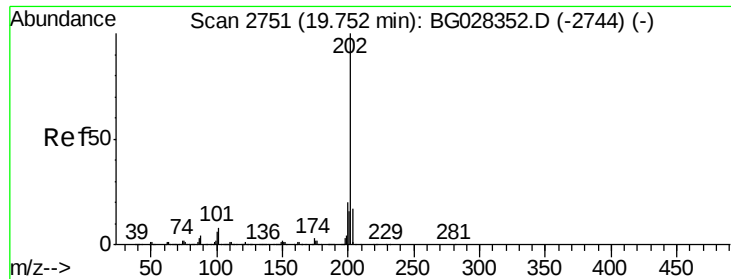
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#71
Anthracene
Concen: 3.267 ng/ul
RT: 17.85 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.0	15.9	23.9





#74

Fluoranthene

Concen: 16.827 ng/ul

RT: 19.76 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG028359.D

Acq: 16 Aug 2017 1:18

Instrument :

BNA_G

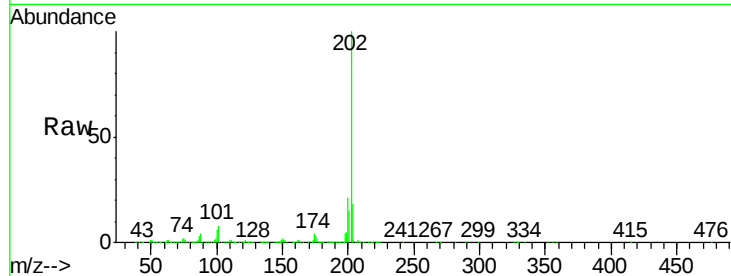
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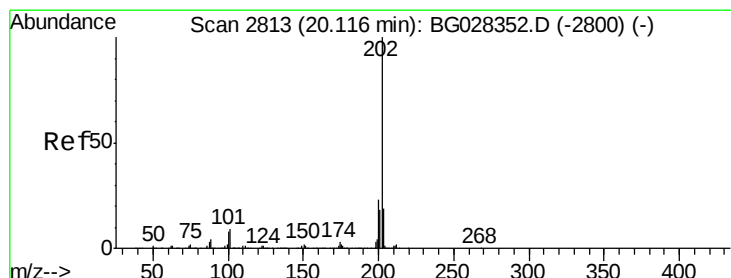
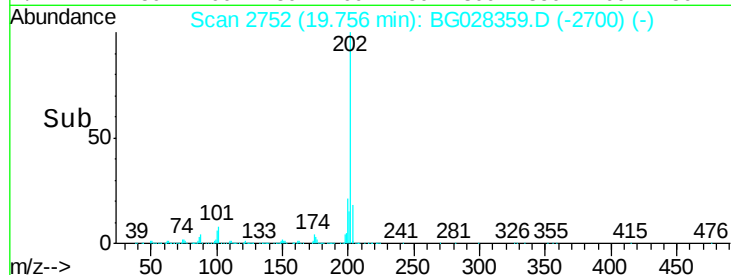
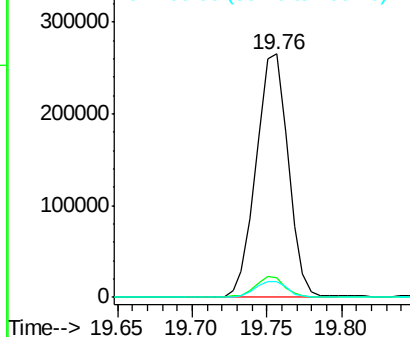
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		394010		
101	8.0	6.2	9.2		
100	6.3	5.2	7.8		

Manual Integrations
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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: 11.676 ng/ul

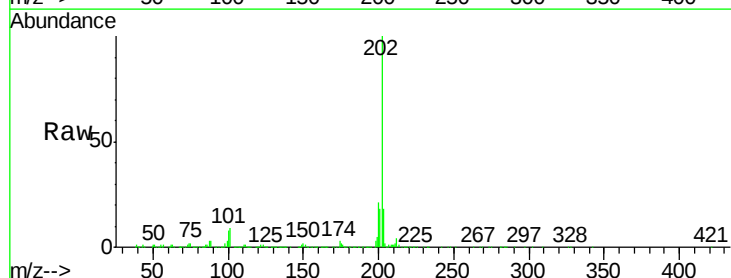
RT: 20.11 min Scan# 2813

Delta R.T. -0.00 min

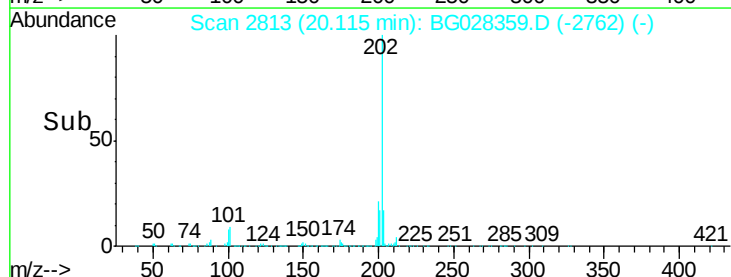
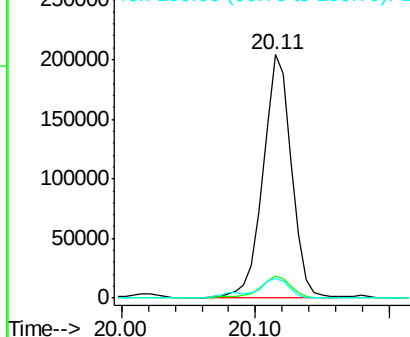
Lab File: BG028359.D

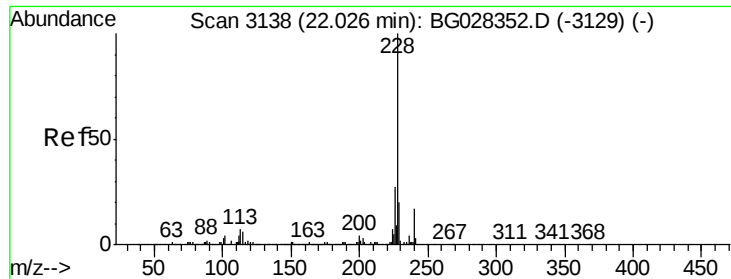
Acq: 16 Aug 2017 1:18

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		298692		
101	9.2	6.9	10.3		
100	8.2	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





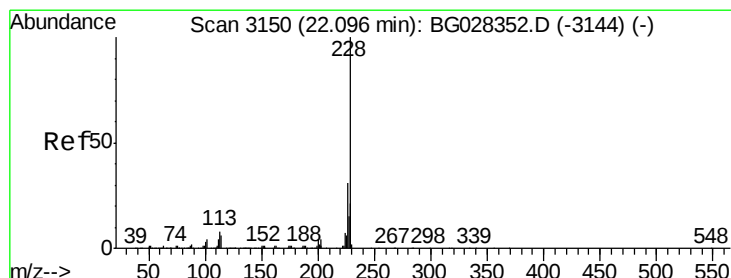
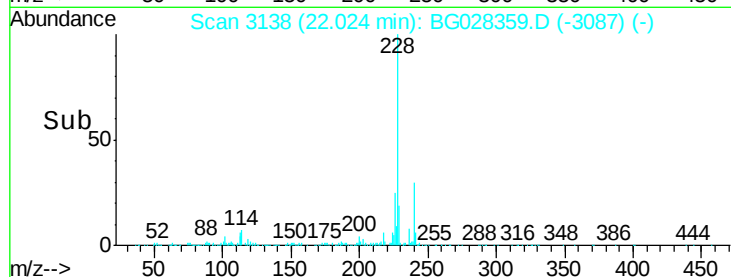
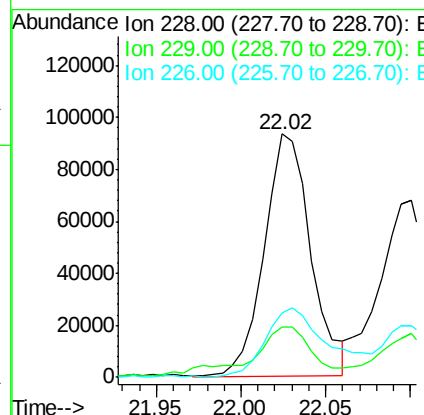
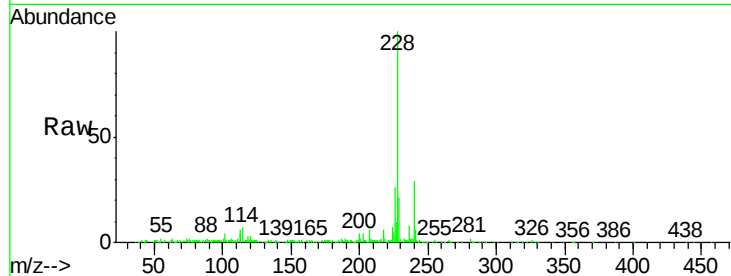
#80
Benzo(a)anthracene
Concen: 7.209 ng/ul
RT: 22.02 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Instrument :
BNA_G
ClientSampleId :
C0AG6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.3	24.5
226	26.4	21.9	32.9

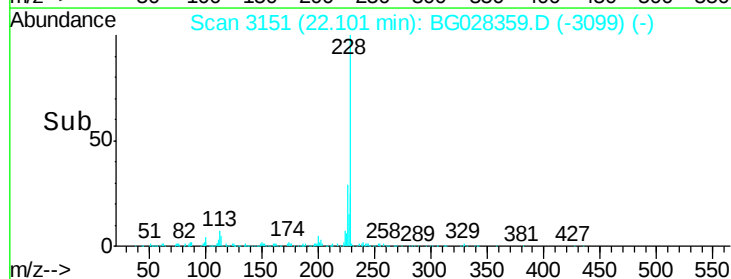
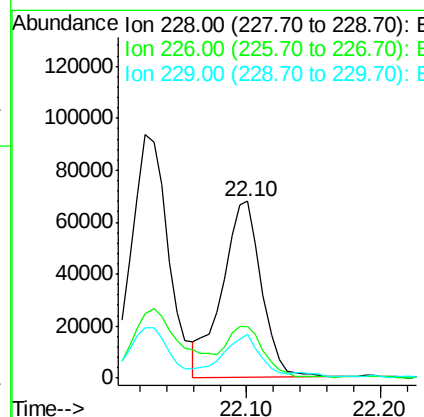
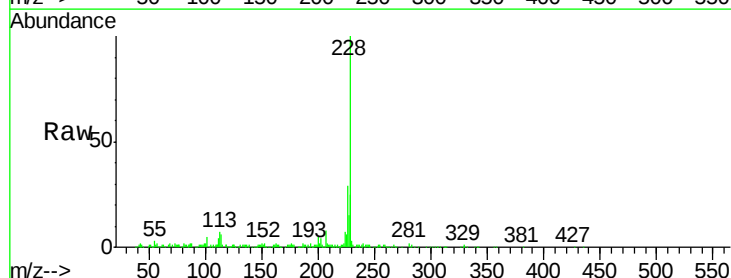
Manual Integrations
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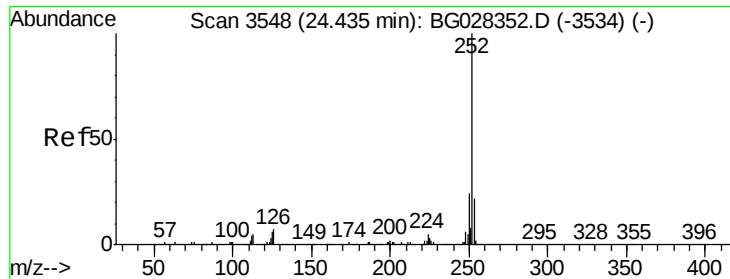
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#82
Chrysene
Concen: 6.216 ng/ul
RT: 22.10 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	25.2	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 7.506 ng/ul

RT: 24.45 min Scan# 3551

Delta R.T. 0.02 min

Lab File: BG028359.D

Acq: 16 Aug 2017 1:18

Instrument :

BNA_G

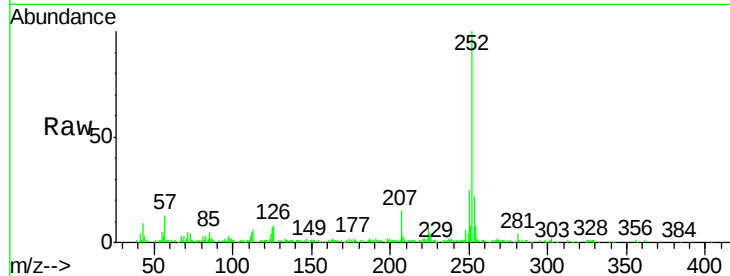
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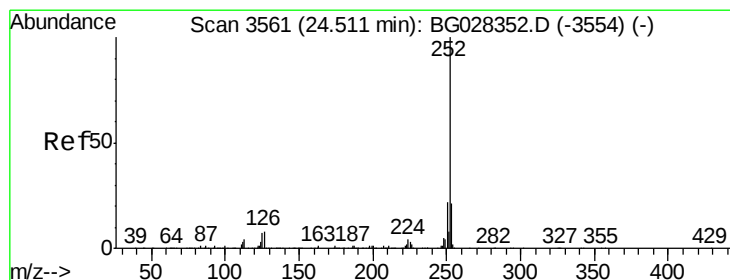
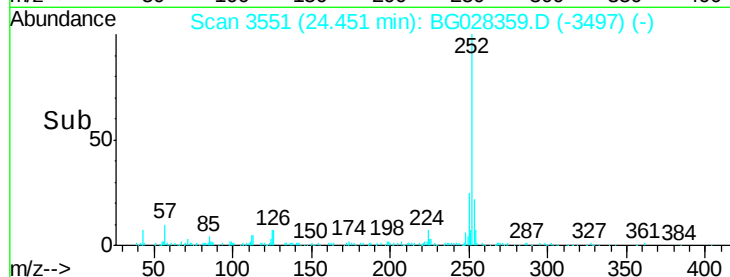
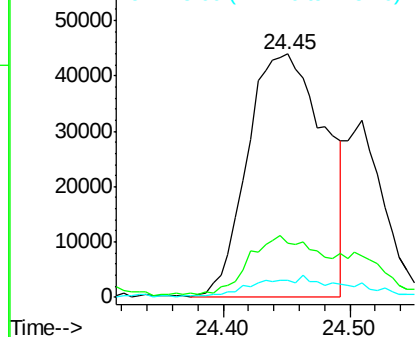
Tgt Ion:	252	Resp:	185419
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	7.2	4.0	6.0#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 2.738 ng/ul m

RT: 24.51 min Scan# 3561

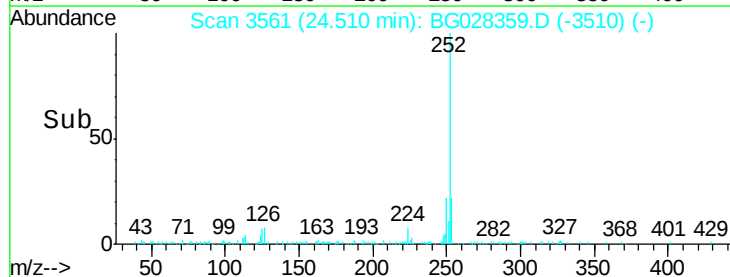
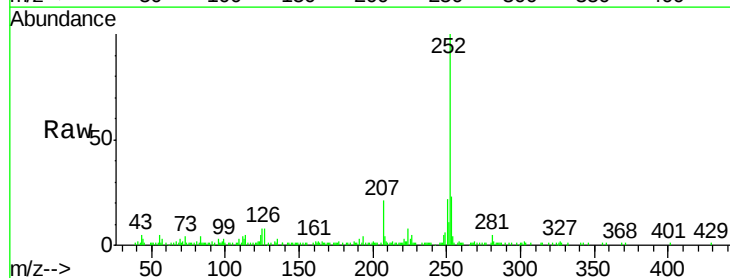
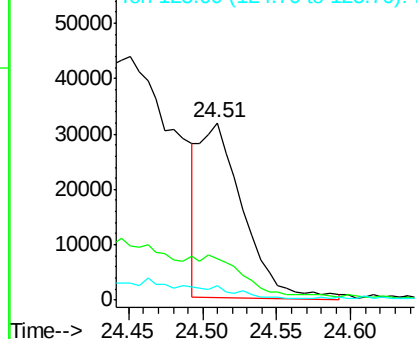
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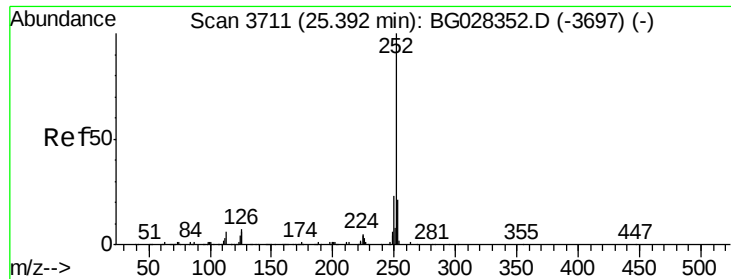
Lab File: BG028359.D

Acq: 16 Aug 2017 1:18

Tgt Ion:	252	Resp:	66065
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	8.3	4.1	6.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





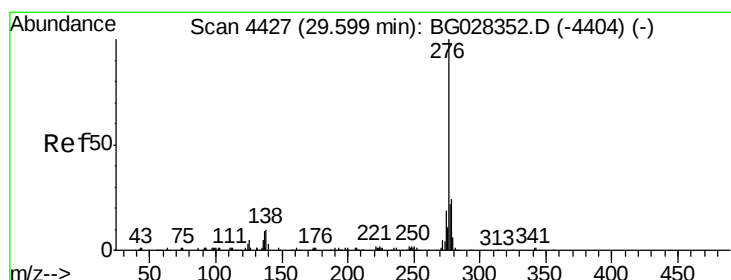
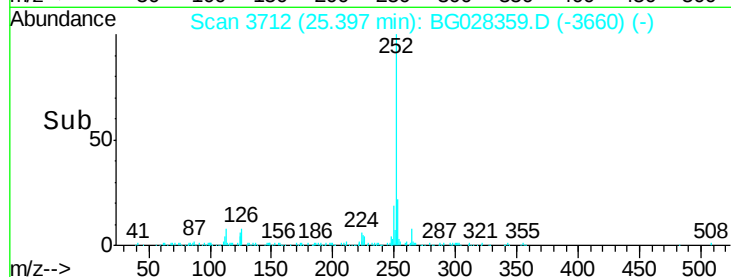
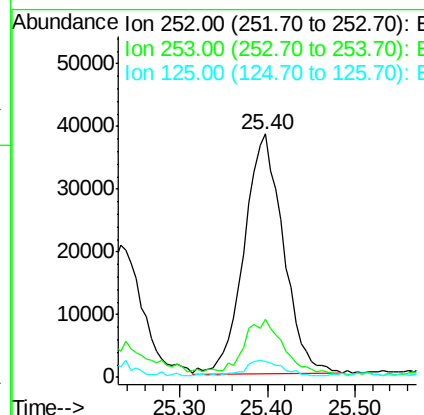
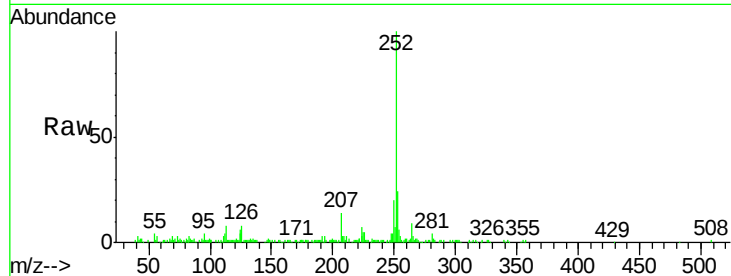
#88
Benzo(a)pyrene
Concen: 4.843 ng/ul
RT: 25.40 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Instrument :
BNA_G
ClientSampleId :
C0AG6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	17.8	26.6
125	6.4	5.4	8.0

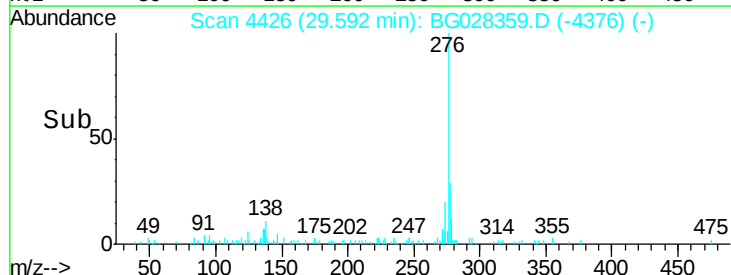
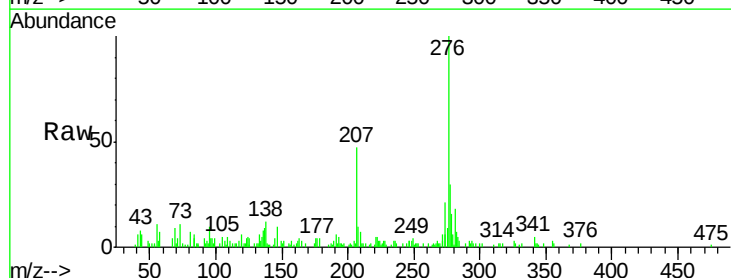
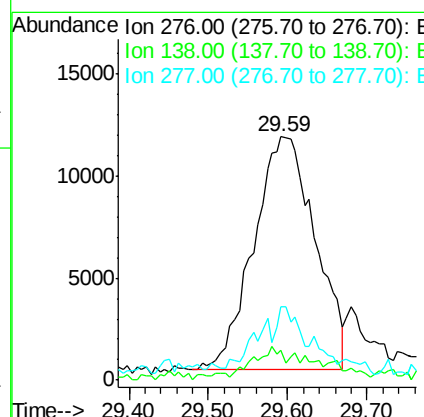
Manual Integrations
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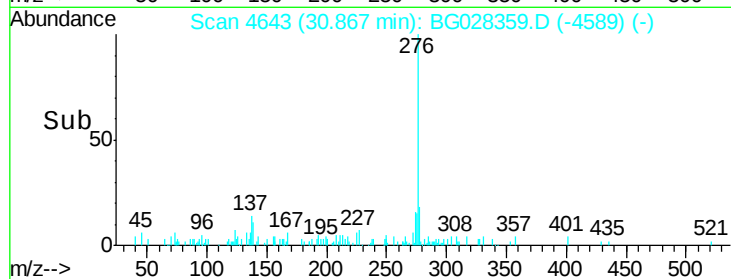
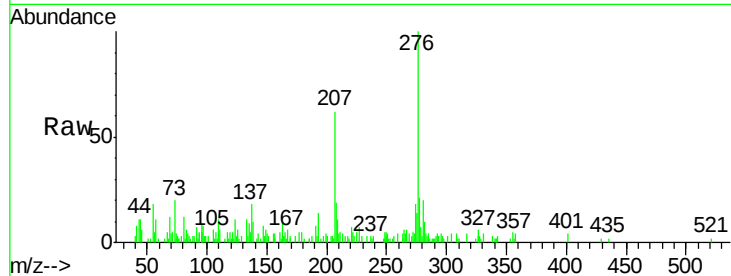
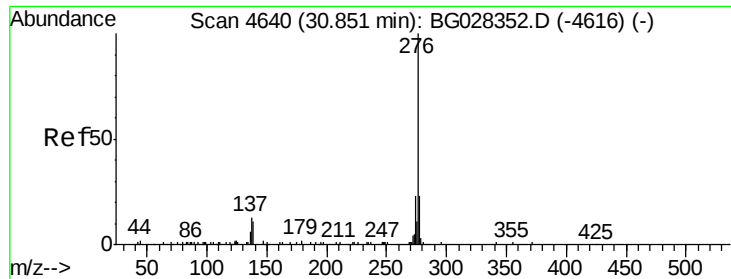
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.205 ng/ul
RT: 29.59 min Scan# 4426
Delta R.T. -0.01 min
Lab File: BG028359.D
Acq: 16 Aug 2017 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.2	8.2	12.4
277	30.2	18.6	28.0





#91

Benzo(g,h,i)perylene

Concen: 2.083 ng/ul m

RT: 30.87 min Scan# 4643

Delta R.T. 0.02 min

Lab File: BG028359.D

Acq: 16 Aug 2017 1:18

Instrument :

BNA_G

ClientSampleId :

C0AG6

Tgt Ion:	276	Resp:	48007
Ion Ratio	Lower	Upper	
276	100		
138	10.2	8.6	12.8
277	20.8	17.6	26.4

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:23 PM

