

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041937.D
 Acq On : 4 Aug 2019 11:12
 Operator : HP/JU
 Sample : K3850-06DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENP5DL

Manual Integrations
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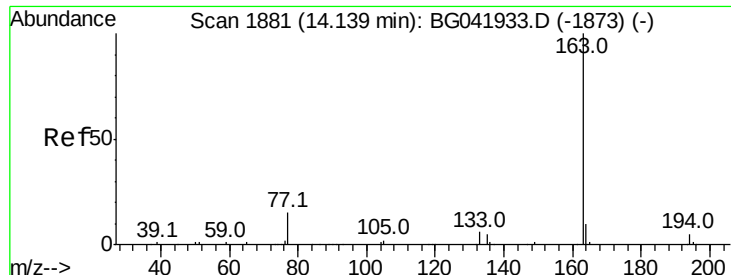
Quant Time: Aug 05 01:54:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 01:19:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	94449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	395180	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	278277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	589102	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	561352	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	670273	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	906	0.42	ng/uL	0.00
5) Phenol-d5	7.19	99	24771	3.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	14856	3.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	24221	3.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	19008	3.05	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	12172	4.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	14151	4.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	25676	3.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	8612	1.11	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	91778	4.25	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	109061	4.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	6641	1.83	ng/ul	0.02
57) Fluorene-d10	15.69	176	83544	4.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	5351	1.42	ng/ul	0.00
70) Anthracene-d10	17.54	188	129843	4.59	ng/ul	0.00
78) Pyrene-d10	19.83	212	146043	4.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	152059	4.34	ng/ul	0.00

Target Compounds				Ovalue		
44) Dimethylphthalate	14.14	163	33362	1.557	ng/ul#	95
56) Diethylphthalate	15.51	149	38973	1.828	ng/ul	96
69) Phenanthrene	17.49	178	289081	8.964	ng/ul	99
71) Anthracene	17.58	178	71069	2.173	ng/ul	99
76) Fluoranthene	19.50	202	527134	14.146	ng/ul	97
79) Pyrene	19.86	202	691146	18.304	ng/ul	99
82) Benzo(a)anthracene	21.71	228	410296	10.542	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	700007	34.519	ng/ul	99
84) Chrysene	21.77	228	431313	11.873	ng/ul	98
86) Di-n-octyl phthalate	22.86	149	51168	1.543	ng/ul	100
87) Benzo(b)fluoranthene	23.97	252	438359	10.421	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	129674m	3.206	ng/ul	
90) Benzo(a)pyrene	24.85	252	348621	8.698	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.74	276	181523	3.883	ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	57053m	1.496	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	183852	4.710	ng/ul	98

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



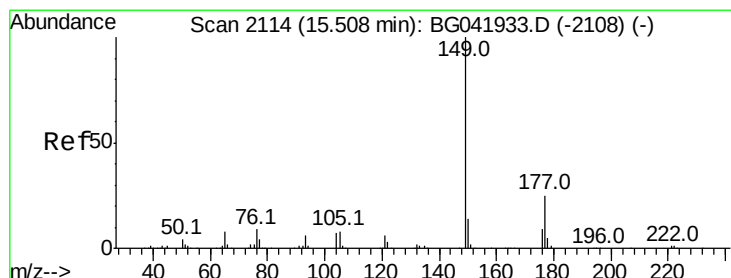
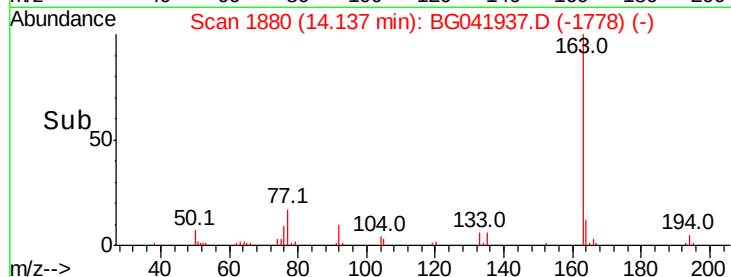
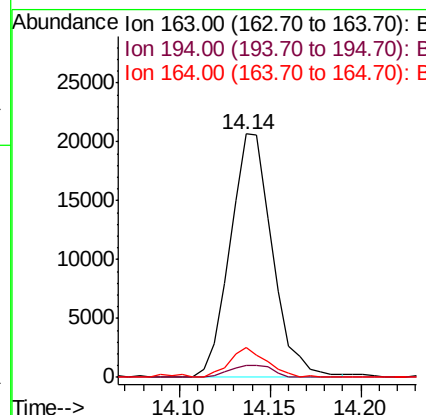
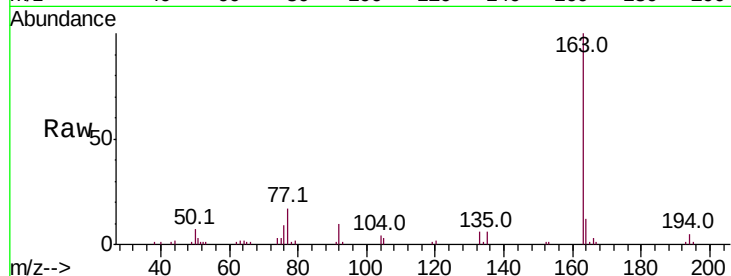
#44
Dimethylphthalate
Concen: 1.557 ng/ul
RT: 14.14 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleID :
BENP5DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	12.3	7.8	11.8

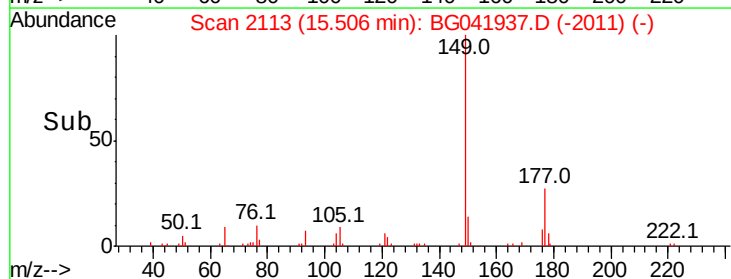
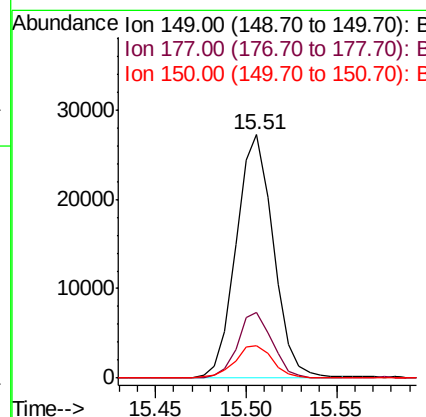
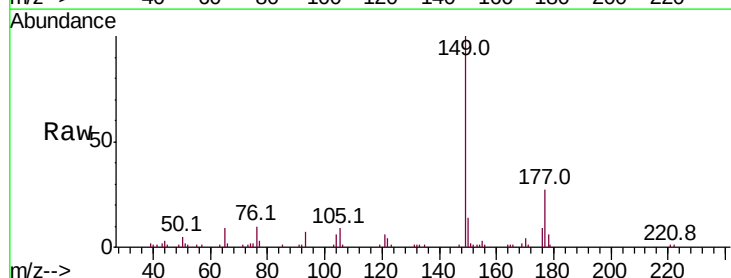
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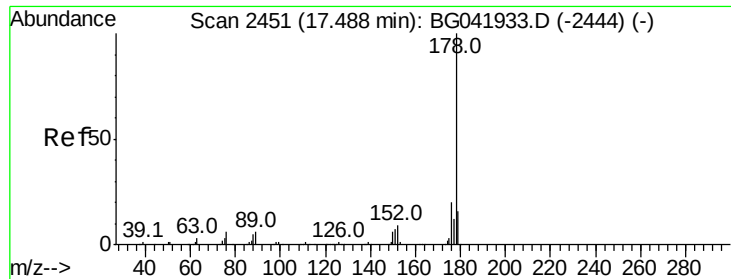
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#56
Diethylphthalate
Concen: 1.828 ng/ul
RT: 15.51 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.9	19.4	29.2
150	13.5	10.2	15.4





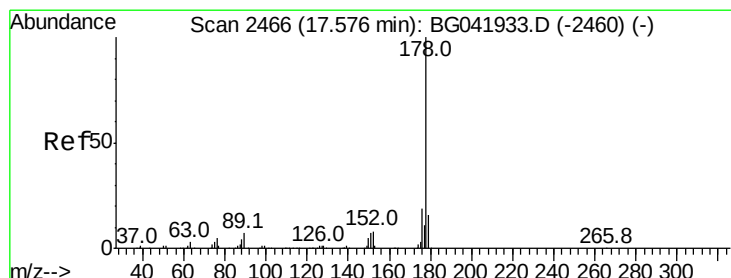
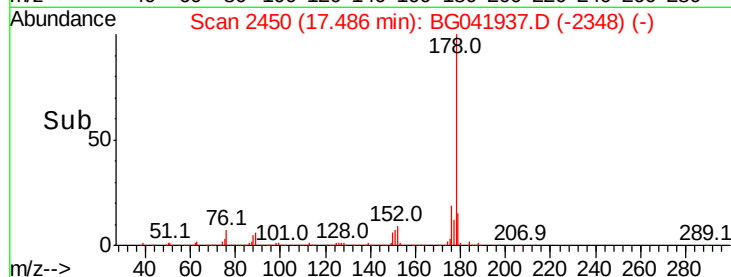
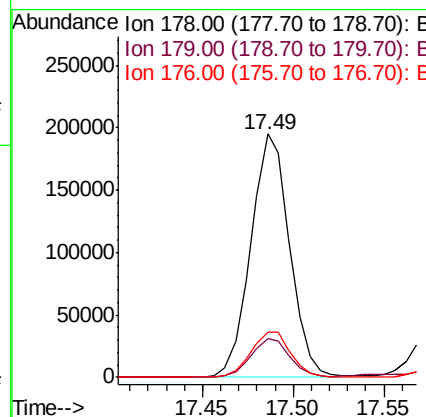
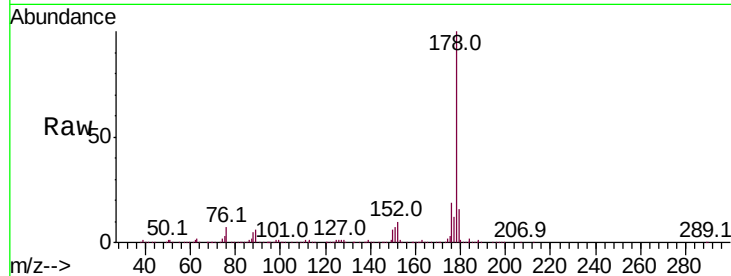
#69
Phenanthrene
Concen: 8.964 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
BENP5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.8	15.4	23.2

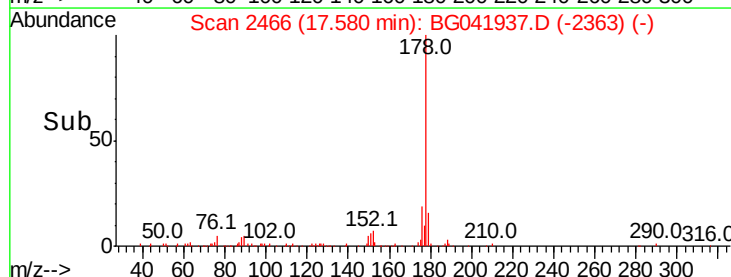
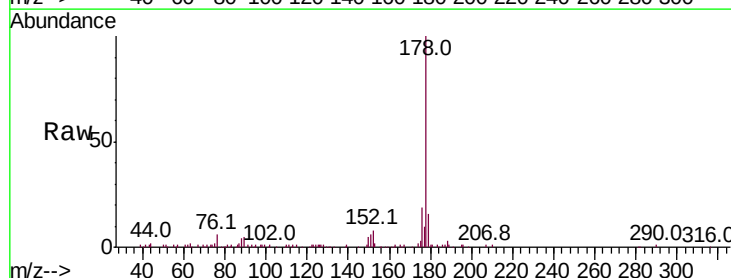
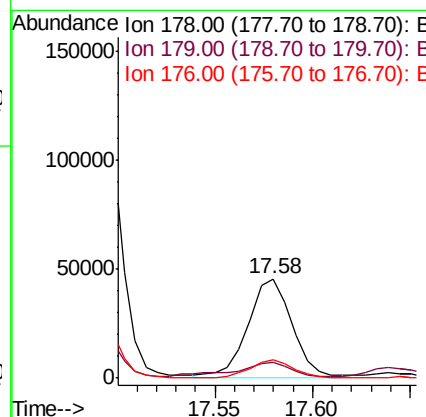
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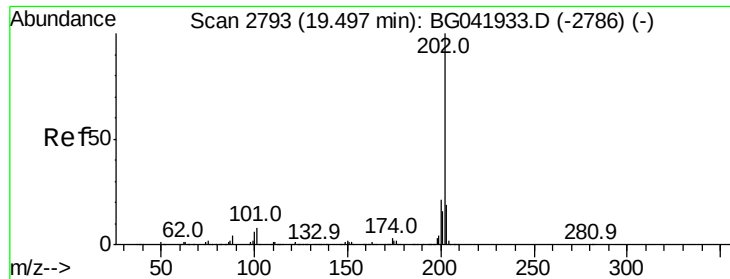
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#71
Anthracene
Concen: 2.173 ng/ul
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.0
176	19.0	15.4	23.2





#76

Fluoranthene

Concen: 14.146 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Instrument :

BNA_G

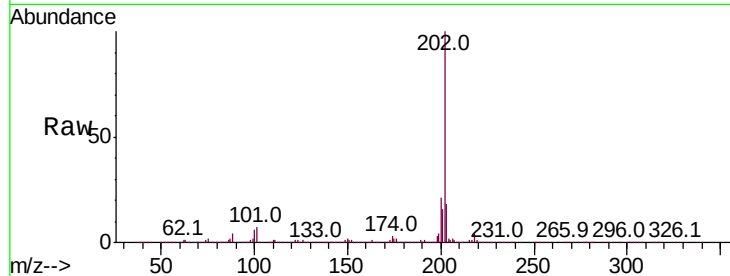
ClientSampleId :

BENP5DL

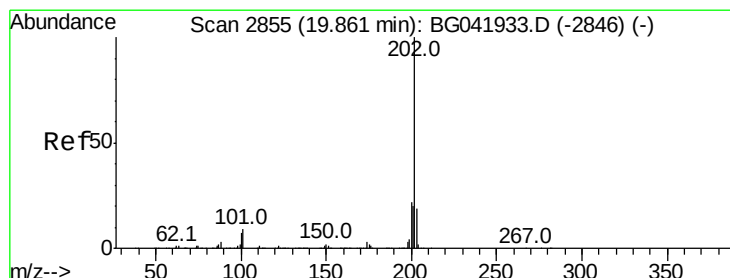
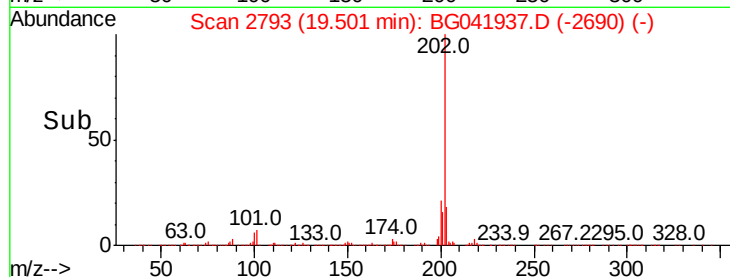
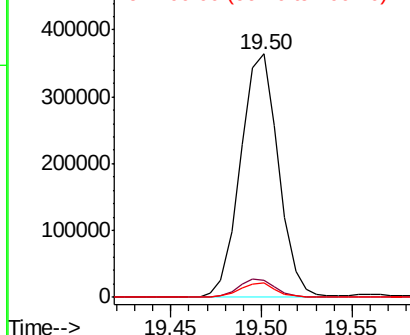
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		527134		
101	7.1	6.7	10.1		
100	5.8	5.3	7.9		

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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



#79

Pyrene

Concen: 18.304 ng/ul

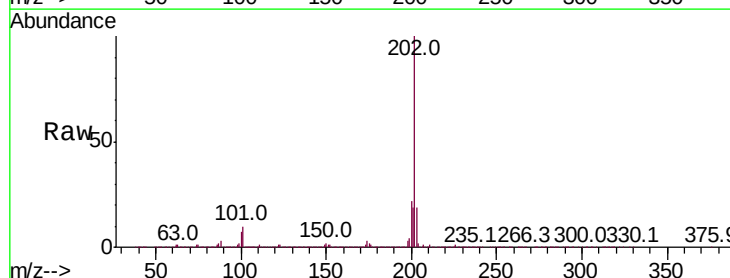
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

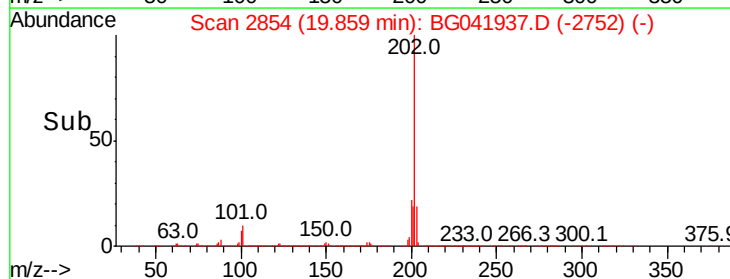
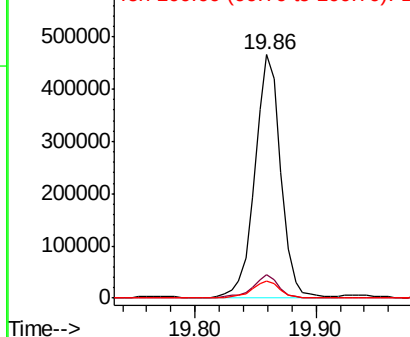
Lab File: BG041937.D

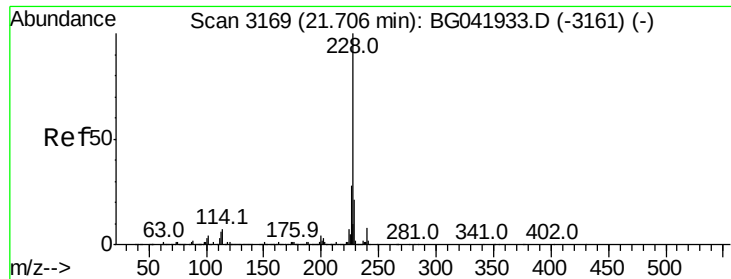
Acq: 4 Aug 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		691146		
101	9.8	7.6	11.4		
100	7.2	6.5	9.7		



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





#82

Benzo(a)anthracene

Concen: 10.542 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Instrument :

BNA_G

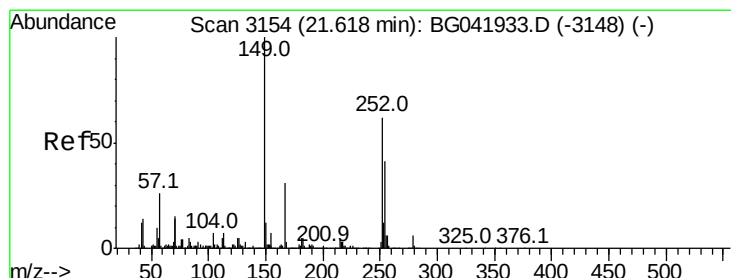
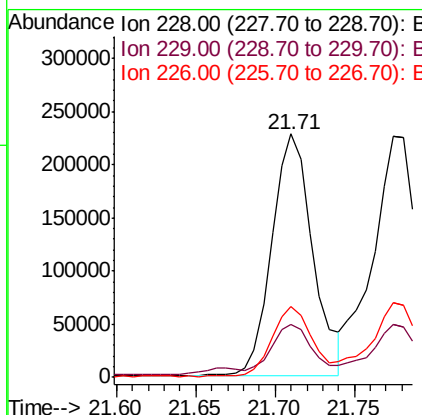
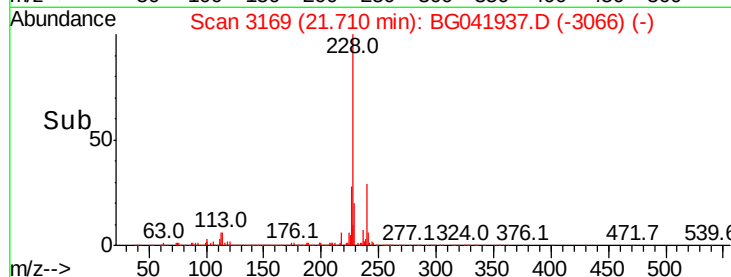
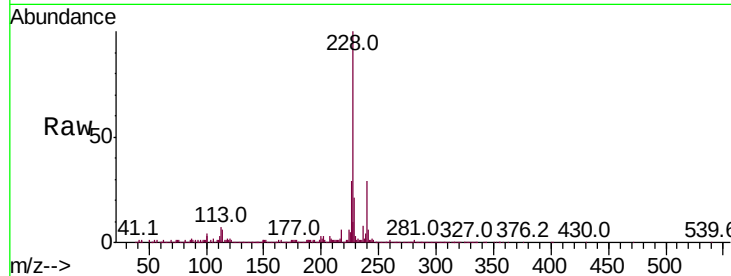
ClientSampleId :

BENP5DL

Tot Ion:	228	Resp:	410296
Ion Ratio	Lower	Upper	
228	100		
229	21.5	17.0	25.6
226	28.9	23.3	34.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.519 ng/ul

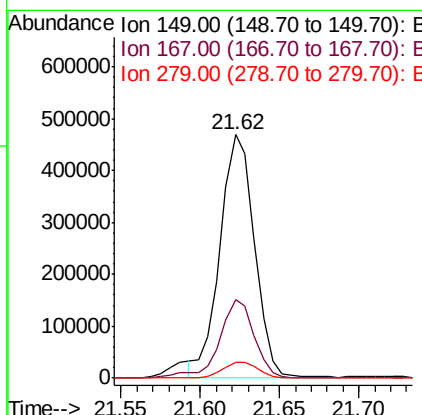
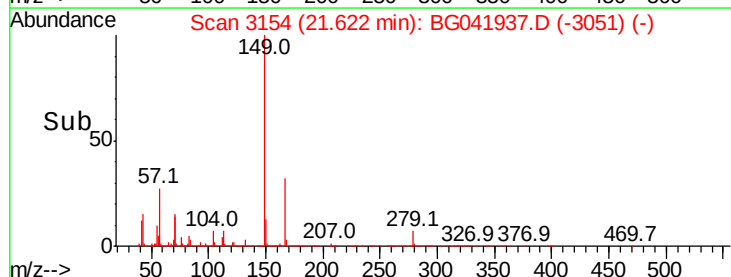
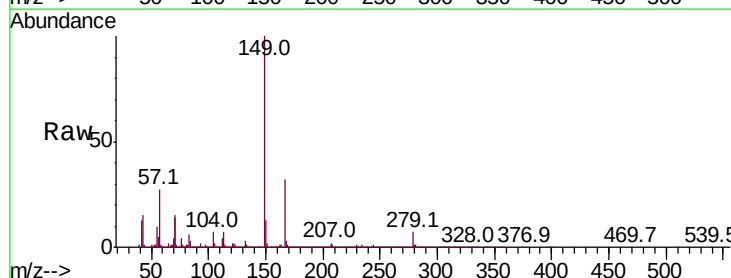
RT: 21.62 min Scan# 3154

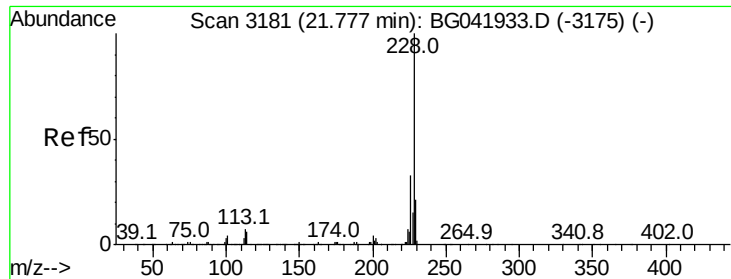
Delta R.T. 0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Tgt Ion:	149	Resp:	700007
Ion Ratio	Lower	Upper	
149	100		
167	32.1	25.0	37.4
279	6.6	5.2	7.8





#84

Chrysene

Concen: 11.873 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Instrument :

BNA_G

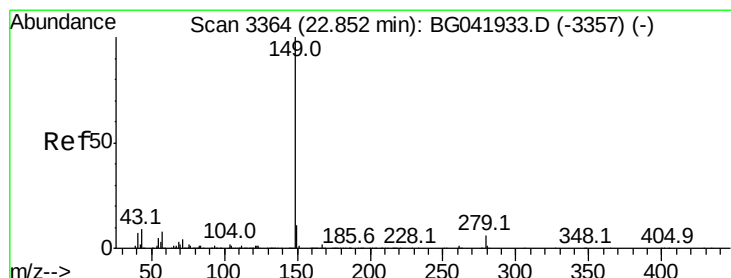
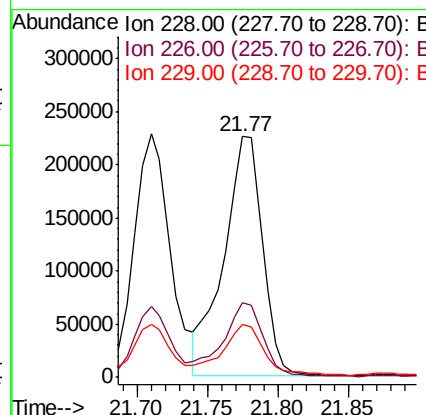
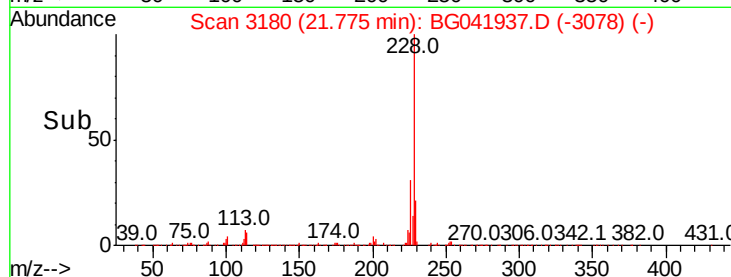
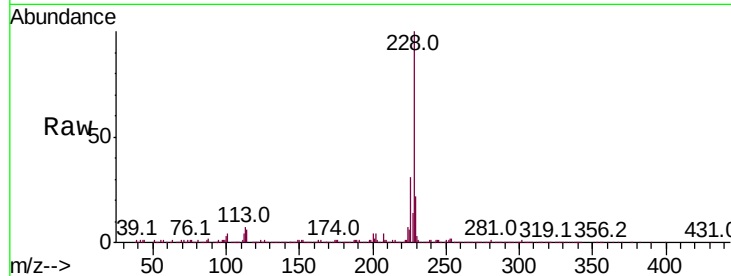
ClientSampleId :

BENP5DL

Tot Ion:	228	Resp:	431313
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.7	38.5
229	21.8	16.6	24.8

Manual Integrations
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#86

Di-n-octyl phthalate

Concen: 1.543 ng/ul

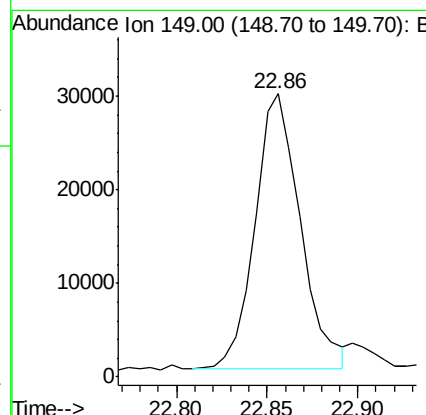
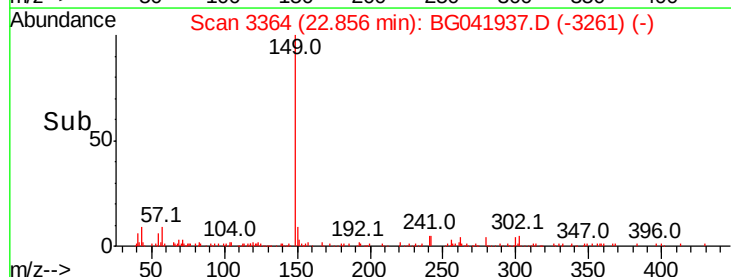
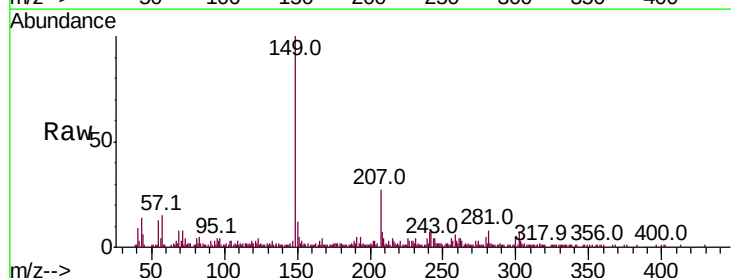
RT: 22.86 min Scan# 3364

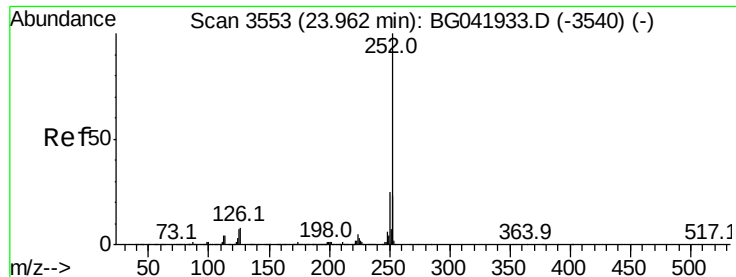
Delta R.T. 0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Tgt Ion:149 Resp: 51168





#87

Benzo(b)fluoranthene

Concen: 10.421 ng/ul

RT: 23.97 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Instrument :

BNA_G

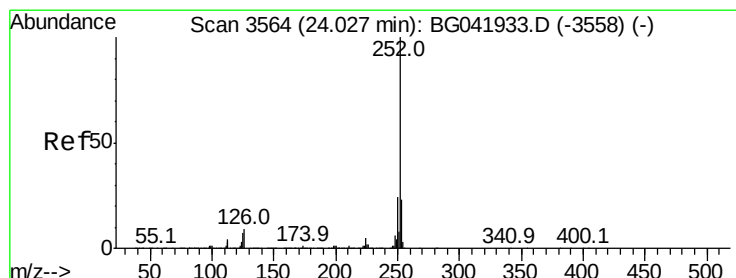
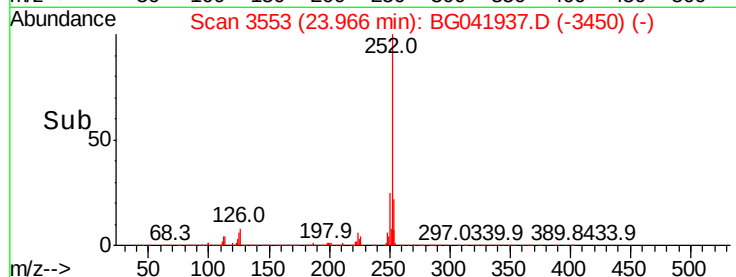
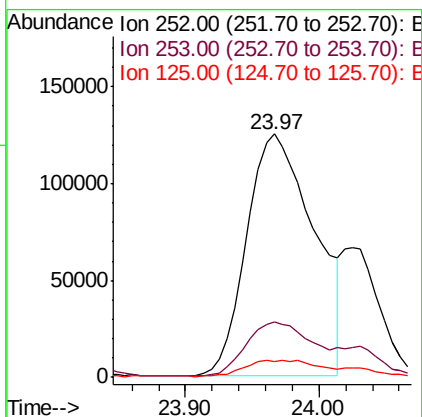
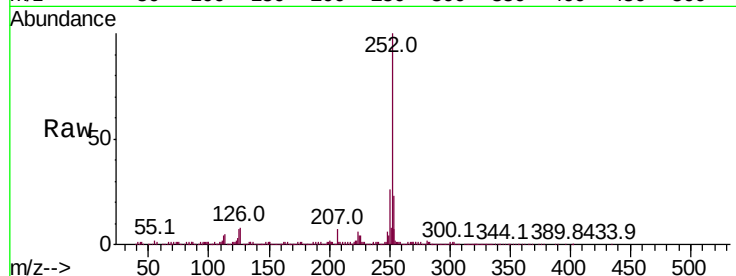
ClientSampleId :

BENP5DL

Tot Ion:	252	Resp:	438359
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.4	27.6
125	6.7	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 3.206 ng/ul m

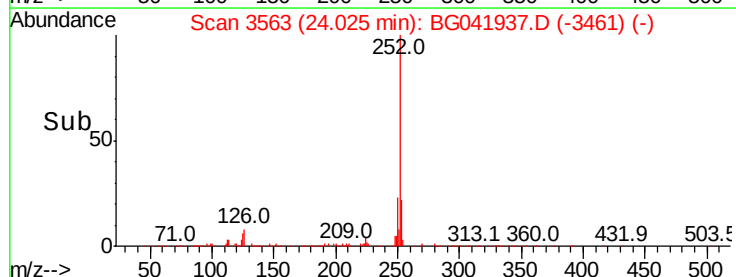
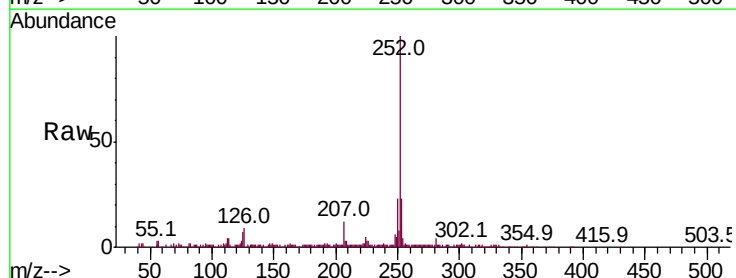
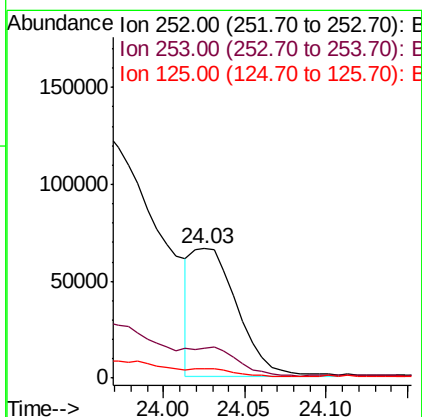
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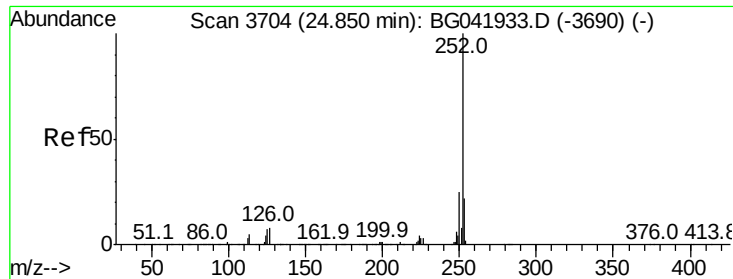
Delta R.T. -0.00 min

Lab File: BG041937.D

Acq: 4 Aug 2019 11:12

Tgt Ion:	252	Resp:	129674
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	7.2	5.5	8.3





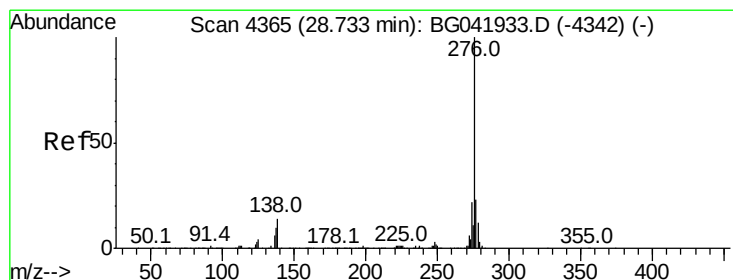
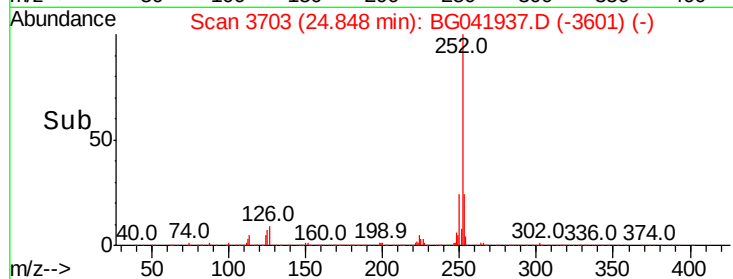
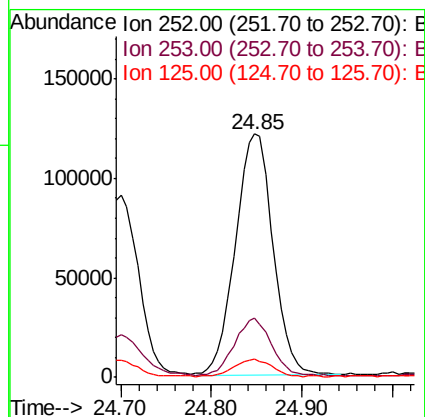
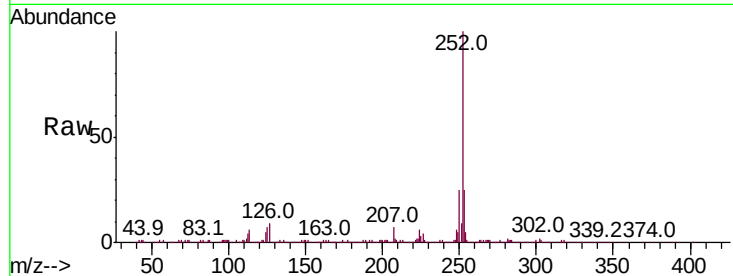
#90
Benzo(a)pyrene
Concen: 8.698 ng/ul
RT: 24.85 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
BENP5DL

Tot Ion:	252	Resp:	348621
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.3	27.5
125	7.4	6.5	9.7

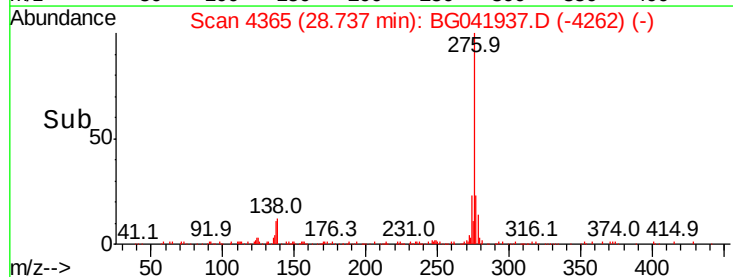
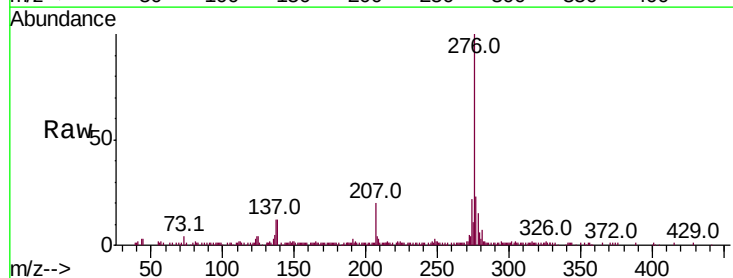
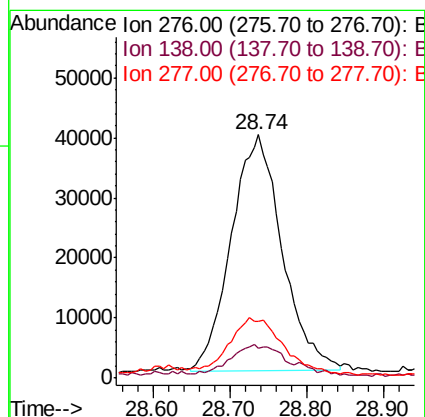
Manual Integrations
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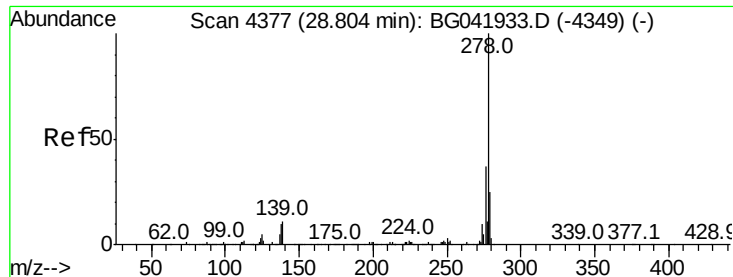
mohammad
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.883 ng/ul
RT: 28.74 min Scan# 4365
Delta R.T. 0.00 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Tgt Ion:	276	Resp:	181523
Ion Ratio	Lower	Upper	
276	100		
138	12.3	12.0	18.0
277	23.3	19.2	28.8





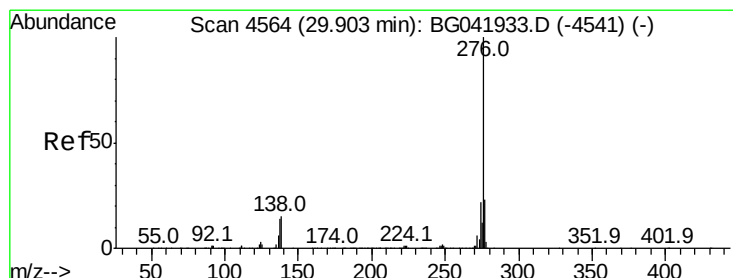
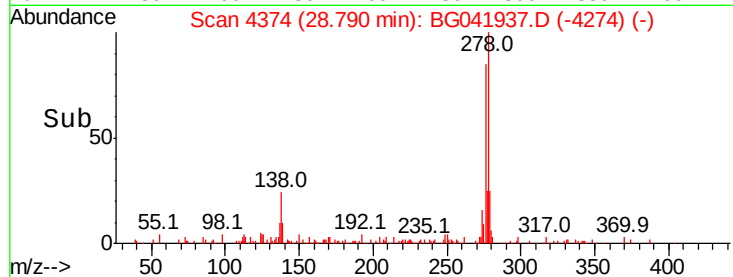
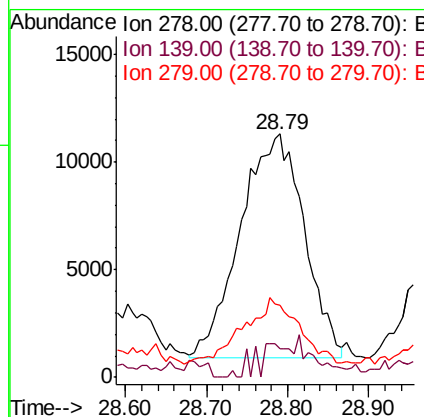
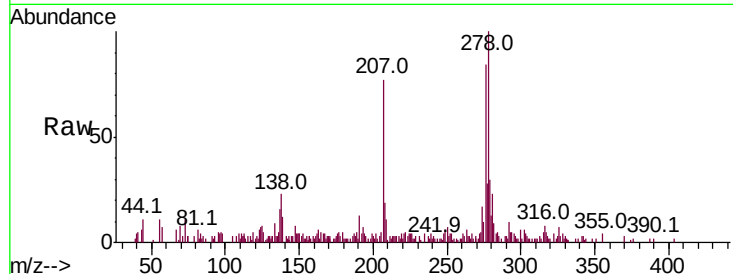
#92
Dibenzo(a,h)anthracene
Concen: 1.496 ng/ul m
RT: 28.79 min Scan# 4374
Delta R.T. -0.01 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
BENP5DL

Tot Ion:278	Resp:	57053
Ion Ratio	Lower	Upper
278 100		
139 11.8	9.4	14.0
279 29.6	19.2	28.8#

Manual Integrations
APPROVED

mohammad
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#93
Benzo(g,h,i)perylene
Concen: 4.710 ng/ul
RT: 29.89 min Scan# 4562
Delta R.T. -0.01 min
Lab File: BG041937.D
Acq: 4 Aug 2019 11:12

Tgt Ion:276	Resp:	183852
Ion Ratio	Lower	Upper
276 100		
138 13.4	12.6	18.8
277 23.9	19.2	28.8

