

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041948.D
 Acq On : 4 Aug 2019 18:53
 Operator : HP/JU
 Sample : K3962-11
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP04

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:03:54 PM

Quant Time: Aug 09 12:08:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	290467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	196708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	419066	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	413249	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	453422	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3832	2.34	ng/uL	0.00
5) Phenol-d5	7.18	99	96022	17.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	54478	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	89235	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	78615	16.68	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	43303	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	53580	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	100104	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	95993	16.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	307408	20.15	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	353412	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	37319	14.57	ng/ul	0.00
57) Fluorene-d10	15.69	176	278727	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	36419	13.55	ng/ul	0.00
70) Anthracene-d10	17.55	188	424890	21.13	ng/ul	0.00
78) Pyrene-d10	19.83	212	477614	20.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	512860	21.65	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	6084	1.050 ng/ul	93
44) Dimethylphthalate	14.14	163	123786	8.172 ng/ul	99
69) Phenanthrene	17.49	178	225819	9.843 ng/ul	99
71) Anthracene	17.58	178	47397	2.037 ng/ul	96
76) Fluoranthene	19.50	202	321766m	12.139 ng/ul	
79) Pyrene	19.86	202	451459	16.241 ng/ul	96
82) Benzo(a)anthracene	21.71	228	272285	9.503 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	37295	2.498 ng/ul	96
84) Chrysene	21.78	228	283332	10.595 ng/ul	96
86) Di-n-octyl phthalate	22.86	149	283538	12.639 ng/ul	100
87) Benzo(b)fluoranthene	23.98	252	246540	8.664 ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	71801m	2.624 ng/ul	
90) Benzo(a)pyrene	24.86	252	205976	7.596 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.76	276	76695	2.425 ng/ul	97
93) Benzo(g,h,i)perylene	29.91	276	78489	2.973 ng/ul	97

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

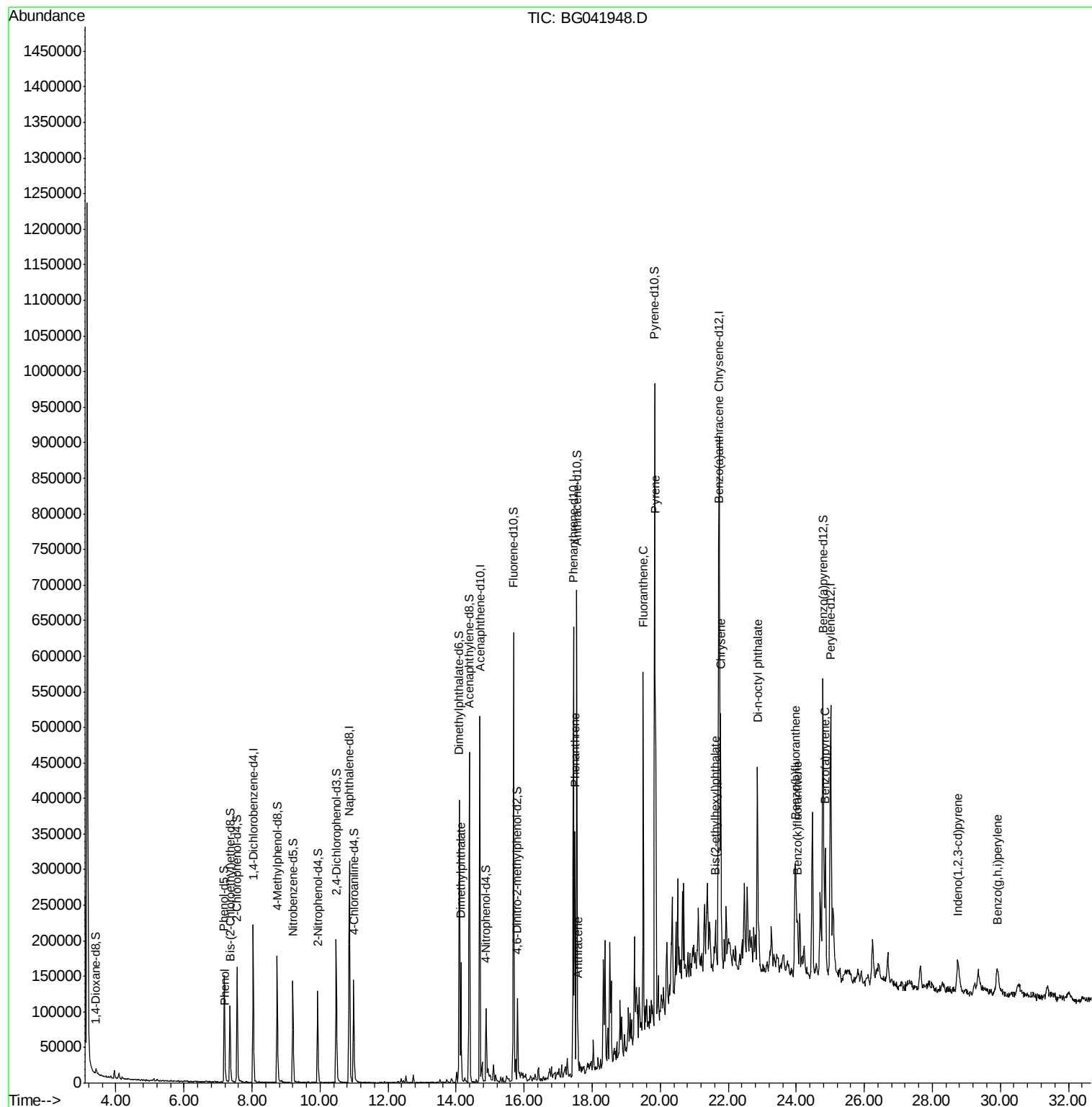
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041948.D
Acq On : 4 Aug 2019 18:53
Operator : HP/JU
Sample : K3962-11
Misc :
ALS Vial : 49 Sample Multiplier: 1

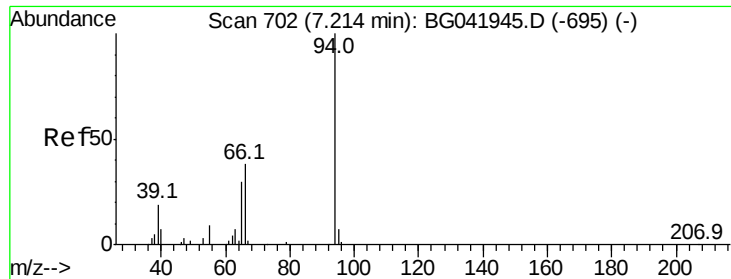
Instrument :
BNA_G
ClientSampleId :
BEP04

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

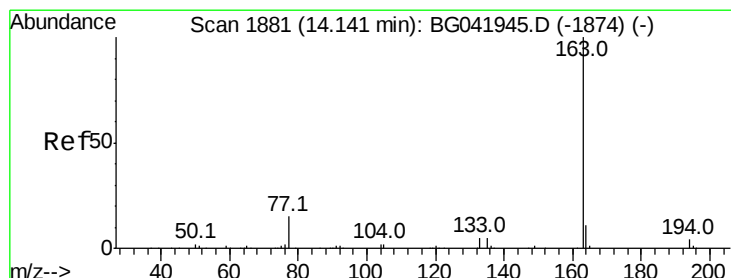
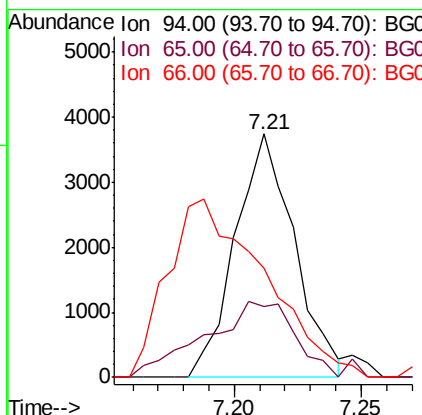
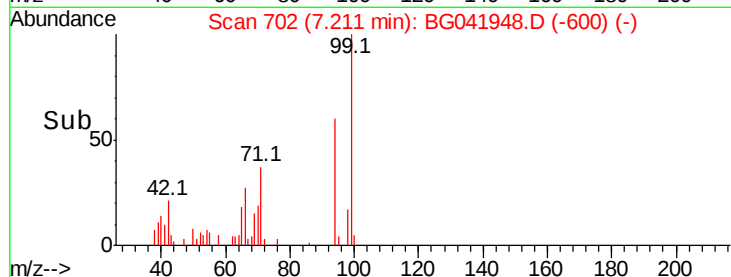
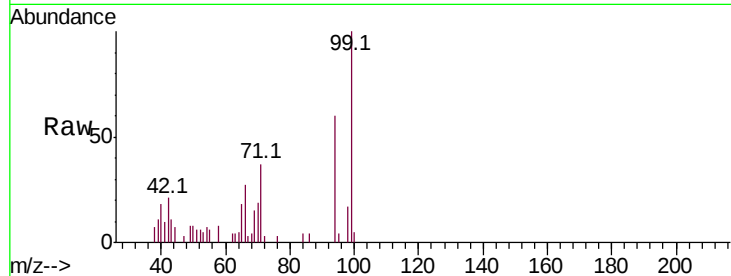
Concen: 1.050 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

Instrument :
 BNA_G
 ClientSampled :
 BEP04

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.8	38.6
66	45.0	31.8	47.8

Manual Integrations
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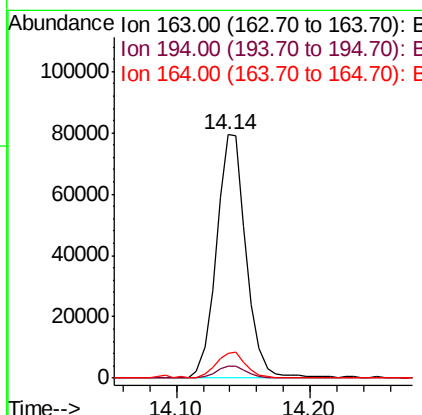
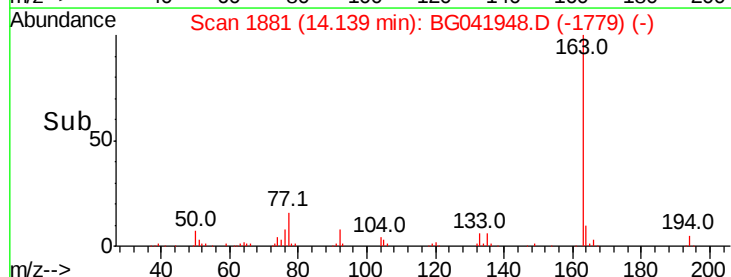
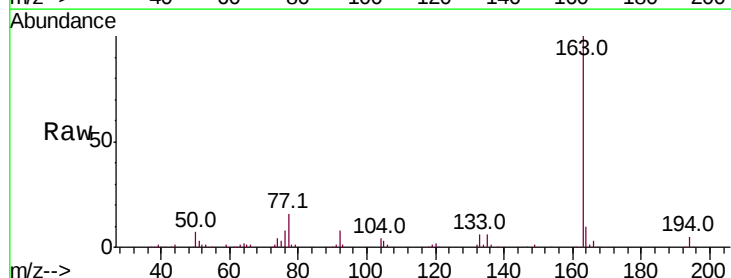


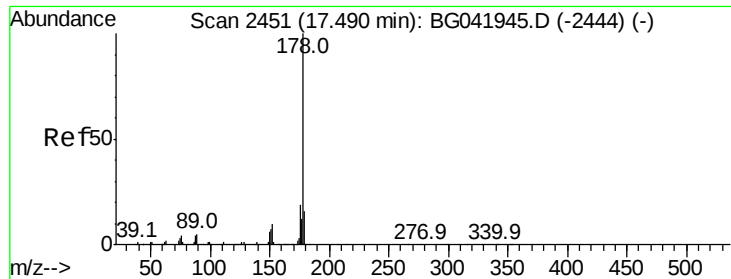
#44

Dimethylphthalate

Concen: 8.172 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.4	7.8	11.8





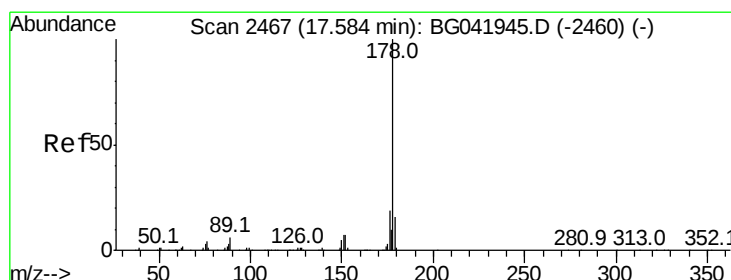
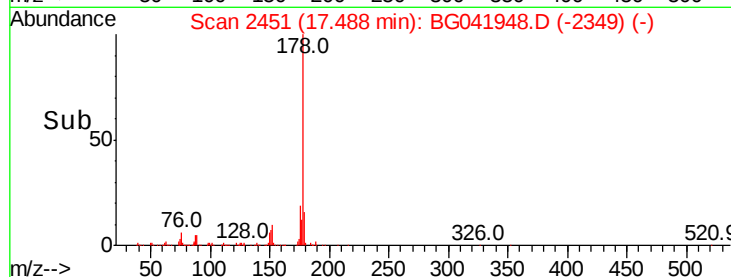
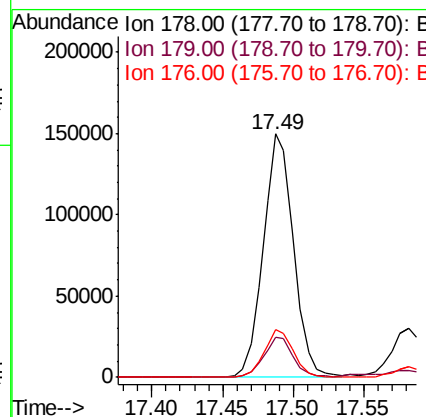
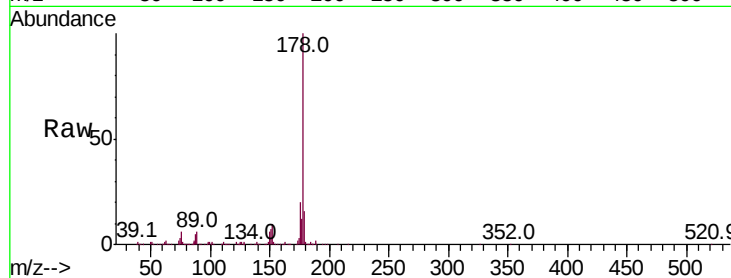
#69
 Phenanthrene
 Concen: 9.843 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 BEP04

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.6	15.4	23.2

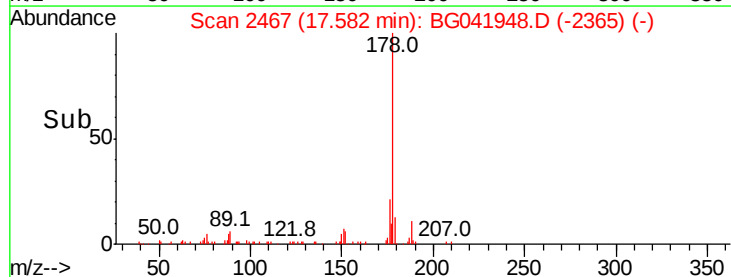
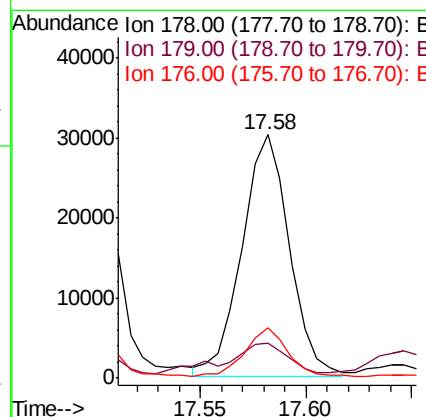
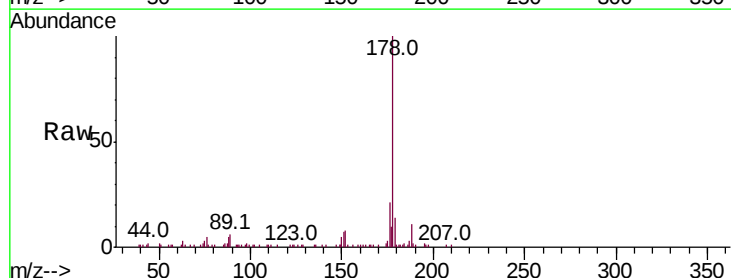
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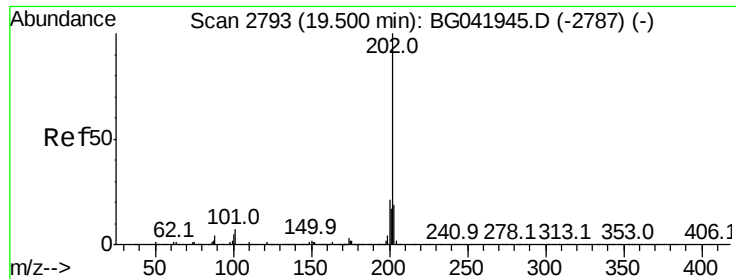
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#71
 Anthracene
 Concen: 2.037 ng/ul
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	13.4	20.0
176	20.9	15.4	23.2





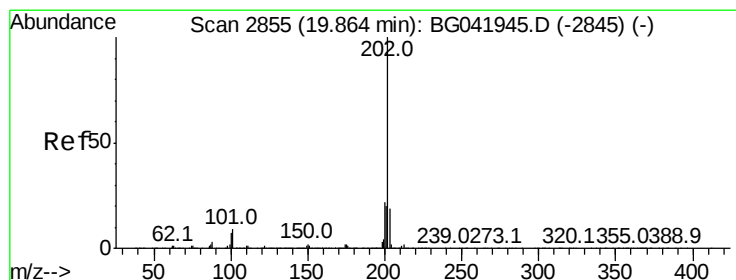
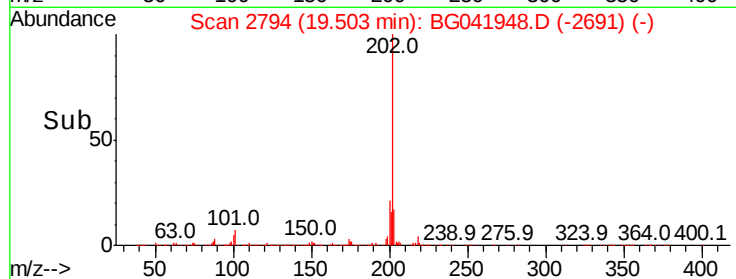
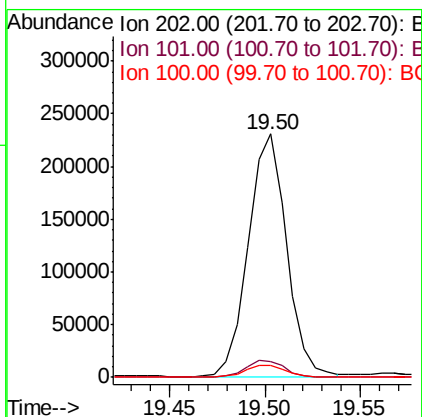
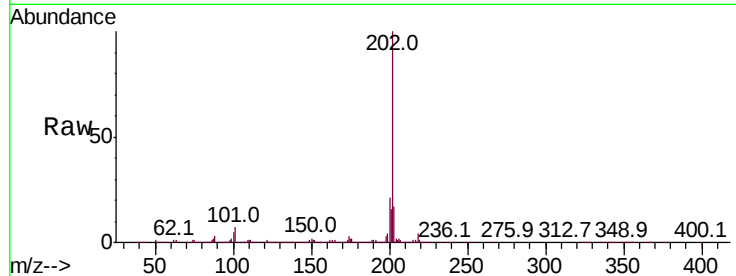
#76
Fluoranthene
Concen: 12.139 ng/ul m
RT: 19.50 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

Instrument :
BNA_G
ClientSampleId :
BEP04

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	6.7	10.1
100	5.1	5.3	7.9

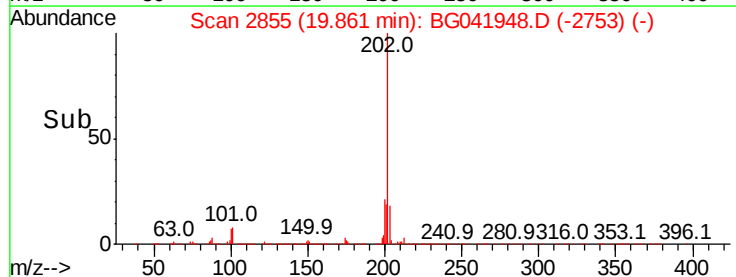
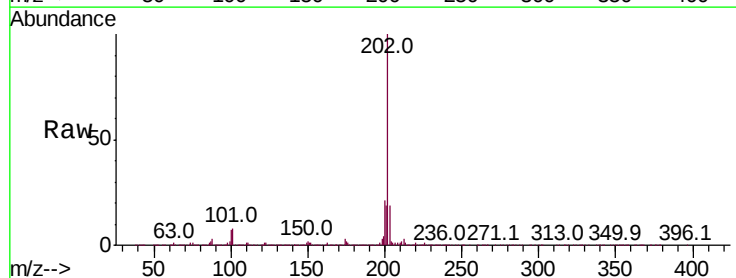
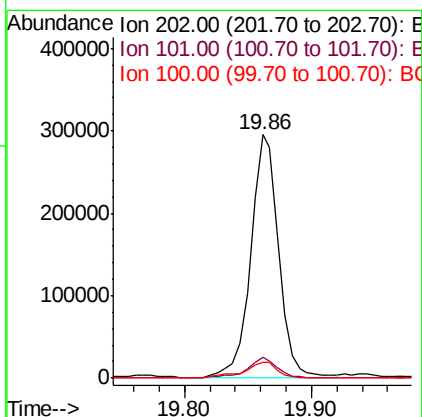
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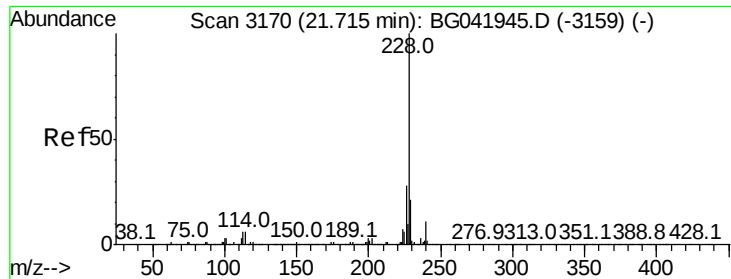
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#79
Pyrene
Concen: 16.241 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	7.6	11.4
100	6.6	6.5	9.7





#82

Benzo(a)anthracene

Concen: 9.503 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

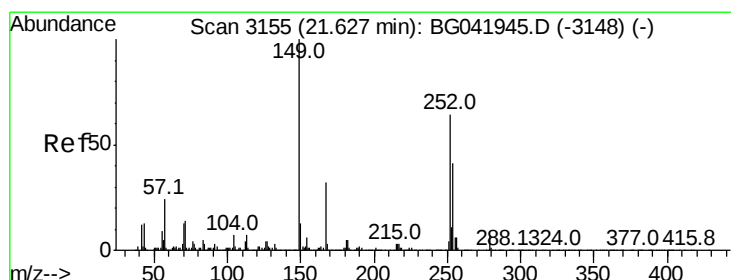
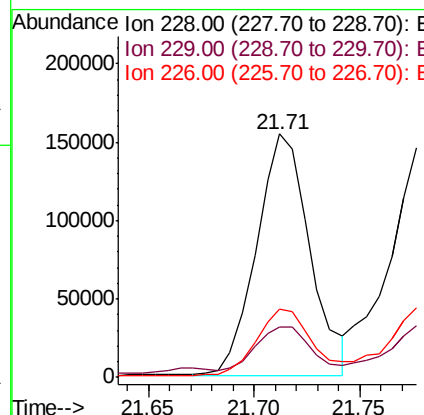
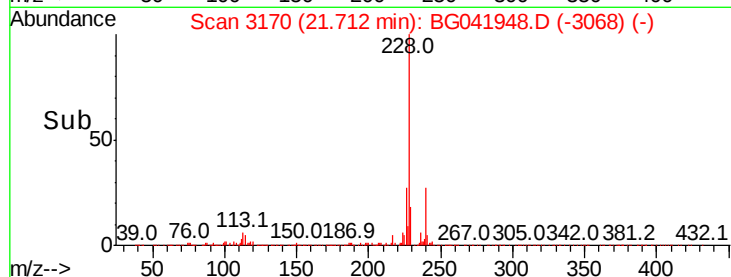
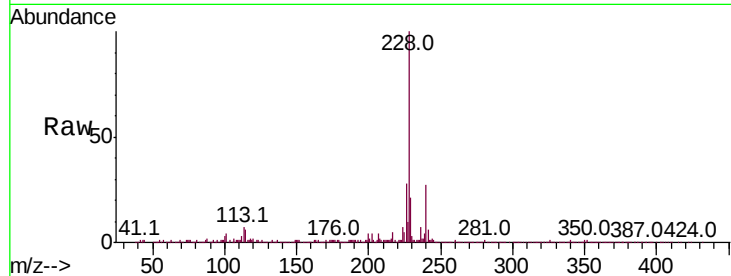
ClientSampleId :

BEP04

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.0	25.6
226	28.2	23.3	34.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.498 ng/ul

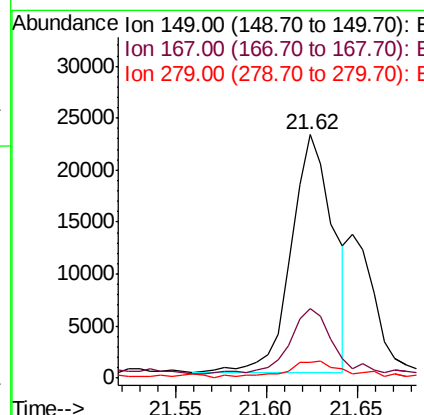
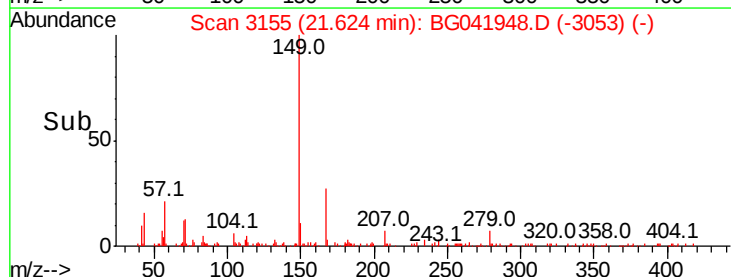
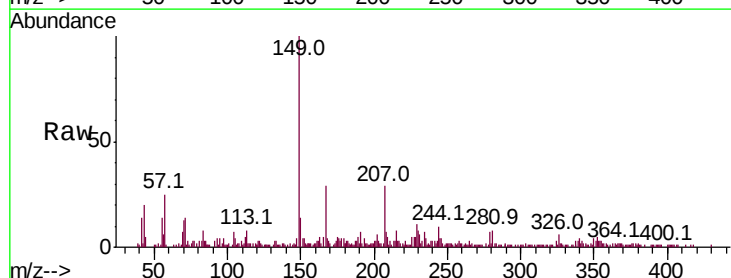
RT: 21.62 min Scan# 3155

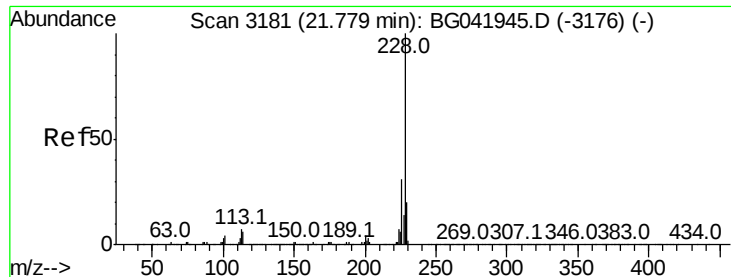
Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	25.0	37.4
279	6.6	5.2	7.8





#84

Chrysene

Concen: 10.595 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

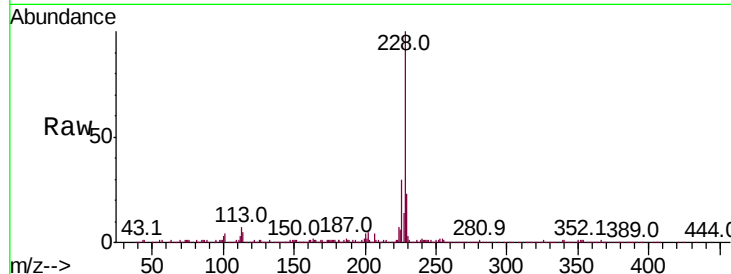
ClientSampleId :

BEP04

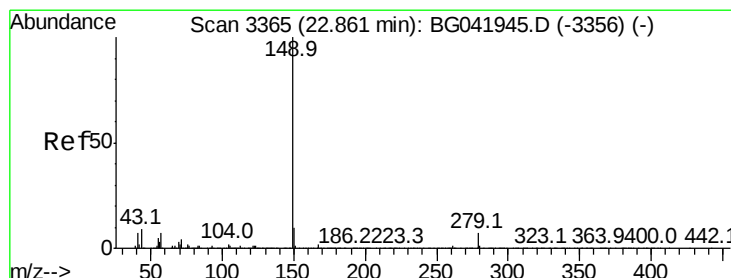
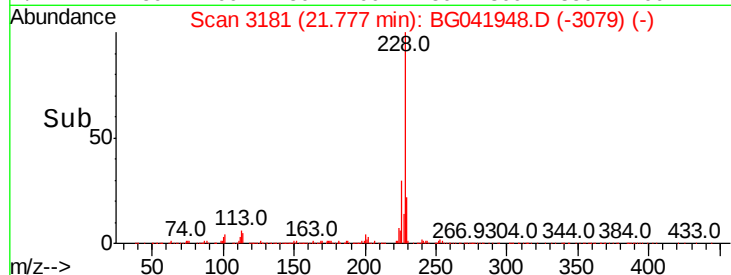
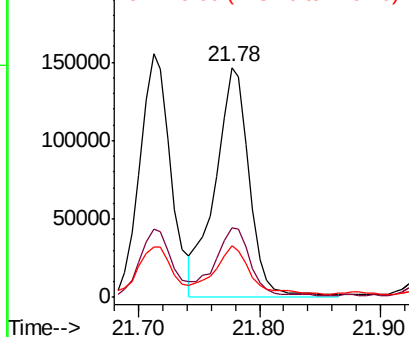
Tot Ion:	228	Resp:	283332
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.7	38.5
229	22.8	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 12.639 ng/ul

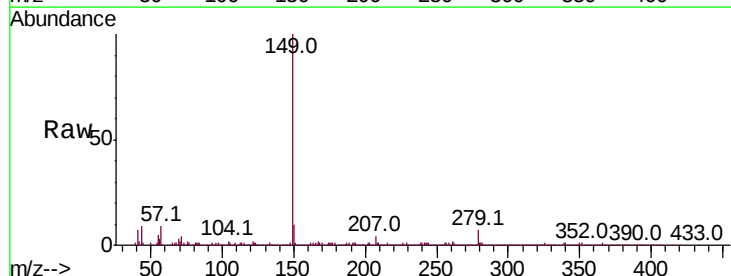
RT: 22.86 min Scan# 3365

Delta R.T. -0.00 min

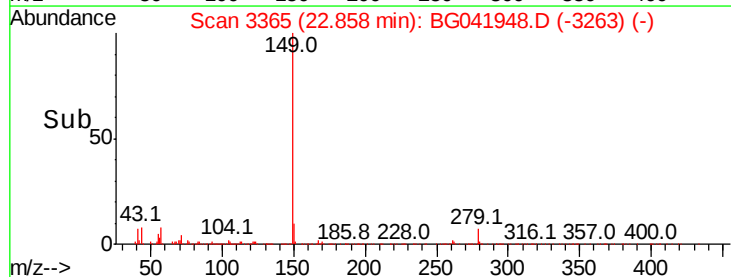
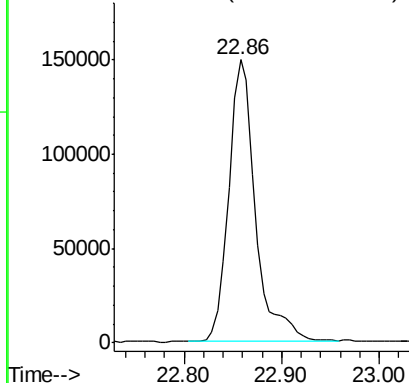
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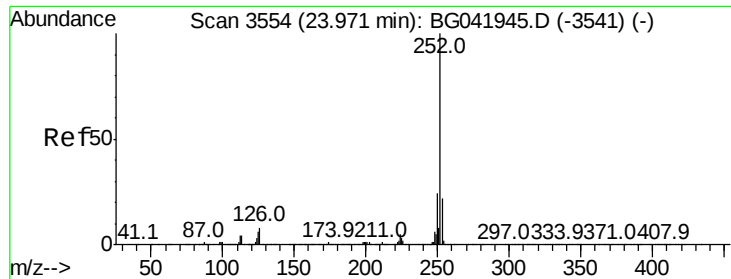
Acq: 4 Aug 2019 18:53

Tgt Ion:149 Resp: 283538



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 8.664 ng/ul

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

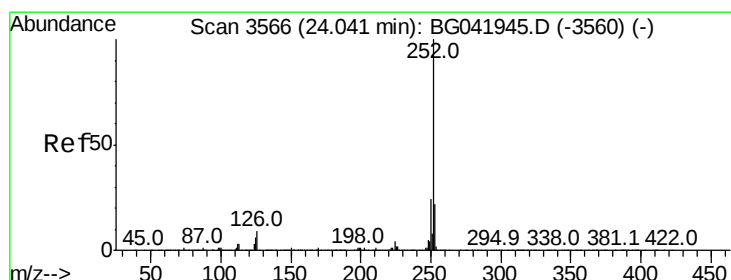
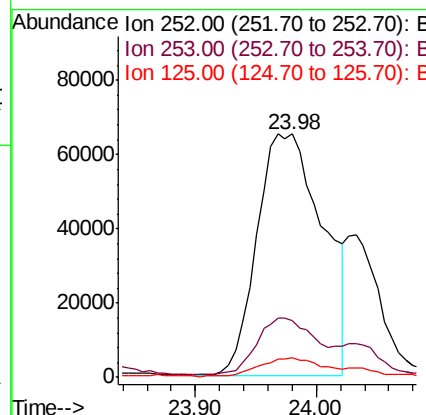
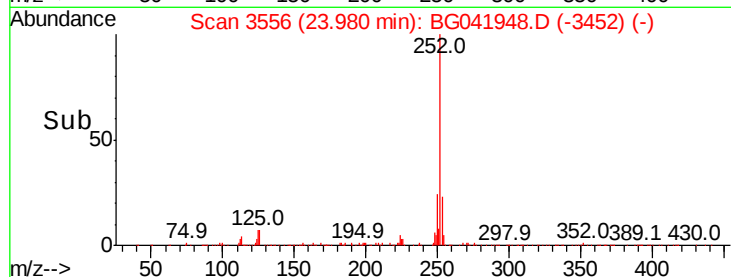
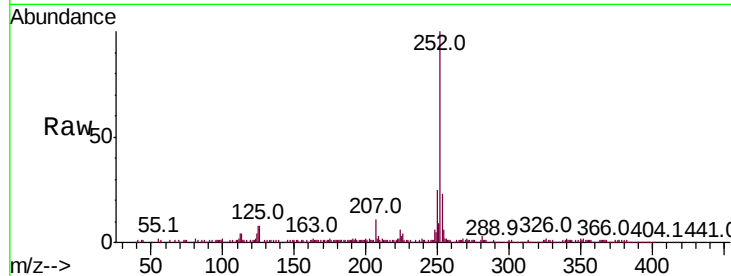
ClientSampleId :

BEP04

Tot Ion:	252	Resp:	246540
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.4	27.6
125	7.9	5.8	8.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.624 ng/ul m

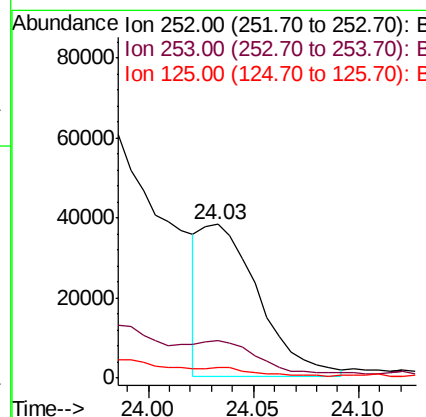
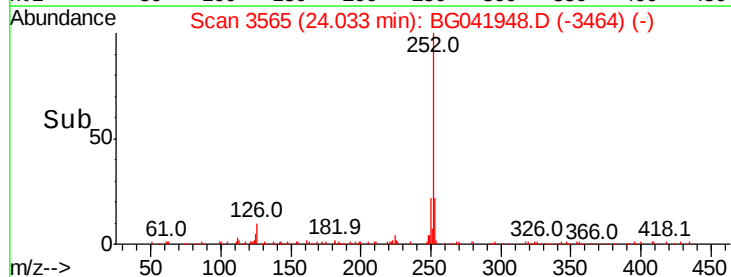
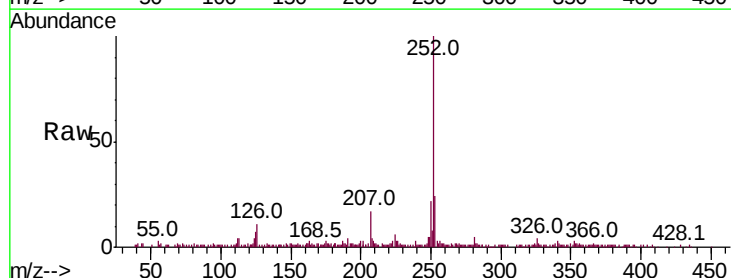
RT: 24.03 min Scan# 3565

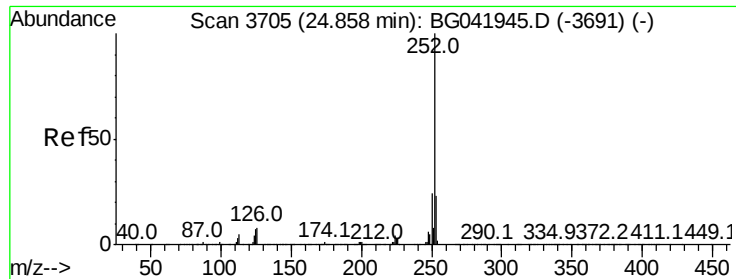
Delta R.T. -0.01 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Tgt Ion:	252	Resp:	71801
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.3	27.5
125	6.6	5.5	8.3





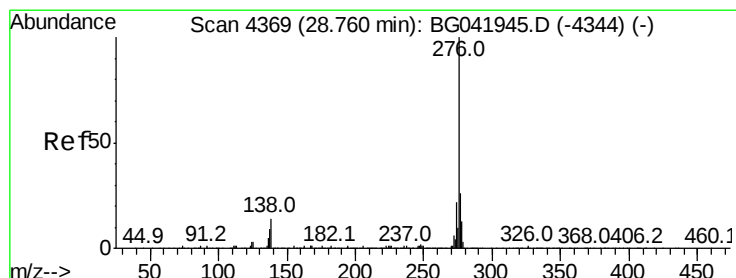
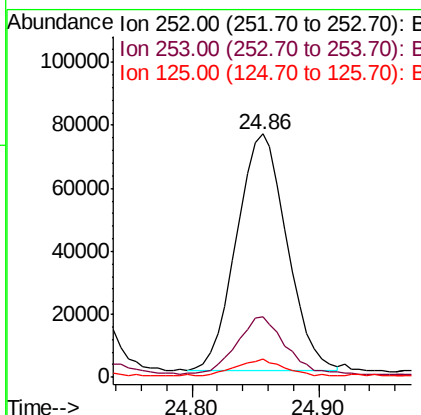
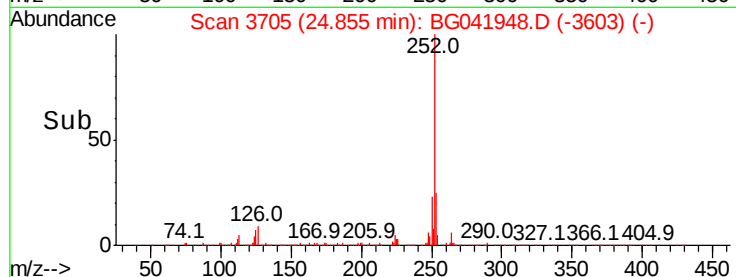
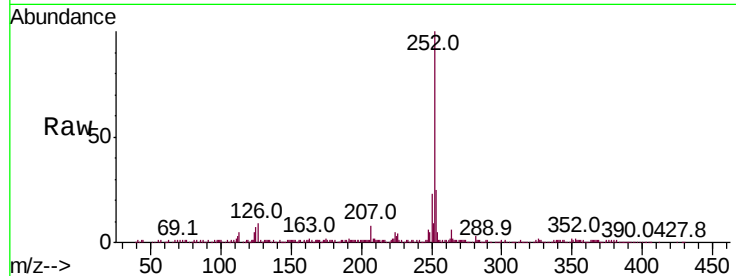
#90
Benzo(a)pyrene
Concen: 7.596 ng/ul
RT: 24.86 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

Instrument :
BNA_G
ClientSampled :
BEP04

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	18.3	27.5
125	7.4	6.5	9.7

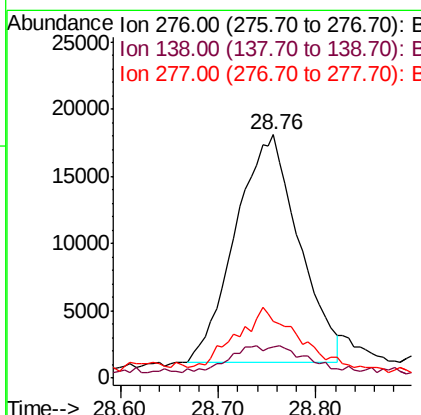
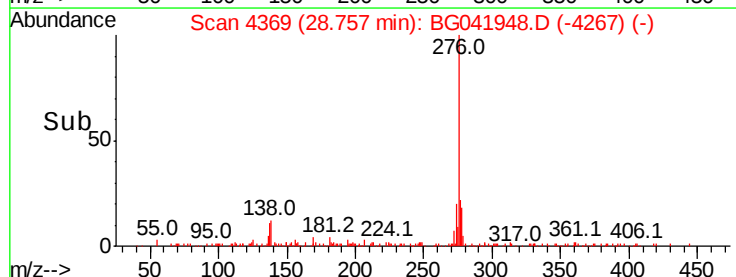
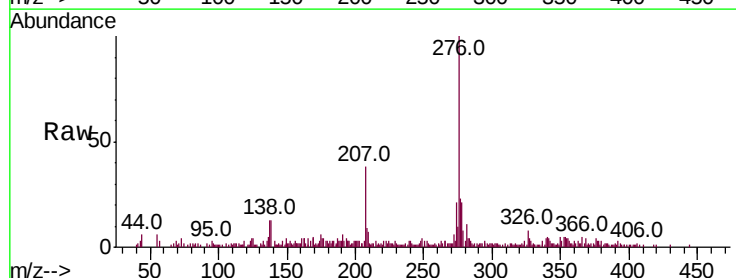
Manual Integrations
APPROVED

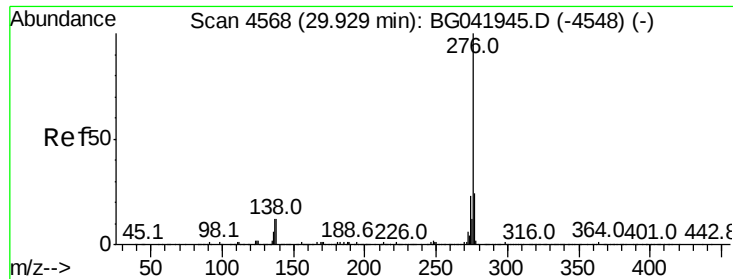
mohammad
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng/ul
RT: 28.76 min Scan# 4369
Delta R.T. -0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.8	12.0	18.0
277	23.2	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 2.973 ng/ul

RT: 29.91 min Scan# 4566

Delta R.T. -0.01 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

ClientSampleId :

BEP04

Tot Ion:	276	Resp:	78489
Ion Ratio	Lower	Upper	
276	100		
138	14.6	12.6	18.8
277	22.5	19.2	28.8

Manual Integrations
APPROVED

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