

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046931.D
 Acq On : 16 Oct 2020 15:24
 Operator : CG/JU
 Sample : L4201-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL9

Manual Integrations
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mohammad
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Quant Time: Oct 16 16:04:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	270039	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	195753	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	403214	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	364132	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	374954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3663	2.35	ng/uL	0.00
5) Phenol-d5	7.23	99	98148	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	58299	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	76754	16.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	77604	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	41678	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	46841	17.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	94721	18.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	18987	3.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	300434	18.48	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	352839	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	43538	15.53	ng/ul	0.00
58) Fluorene-d10	15.70	176	269301	18.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	16915	6.09	ng/ul	0.00
71) Anthracene-d10	17.55	188	386651	19.80	ng/ul	0.00
79) Pyrene-d10	19.83	212	404246	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	405017	19.18	ng/ul	0.02

Target Compounds

					Ovalue
4) Benzaldehyde	7.22	77	7265	2.045	ng/ul 88
45) Dimethylphthalate	14.15	163	92492	5.486	ng/ul 99
70) Phenanthrene	17.50	178	129261	5.602	ng/ul 100
77) Fluoranthene	19.50	202	233835	8.300	ng/ul 99
80) Pyrene	19.86	202	191544	7.773	ng/ul 98
81) Butylbenzylphthalate	20.74	149	14853	1.656	ng/ul 91
83) Benzo(a)anthracene	21.71	228	119372	4.750	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.61	149	323139	25.234	ng/ul 98
85) Chrysene	21.77	228	120355m	4.963	ng/ul
88) Benzo(b)fluoranthene	23.95	252	168180	6.466	ng/ul 99
89) Benzo(k)fluoranthene	24.01	252	47585m	1.897	ng/ul
91) Benzo(a)pyrene	24.83	252	103355	4.420	ng/ul# 94
92) Indeno(1,2,3-cd)pyrene	28.70	276	76561m	2.673	ng/ul
93) Dibenzo(a,h)anthracene	28.74	278	24905m	1.048	ng/ul
94) Benzo(g,h,i)perylene	29.85	276	63699	2.649	ng/ul# 94

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

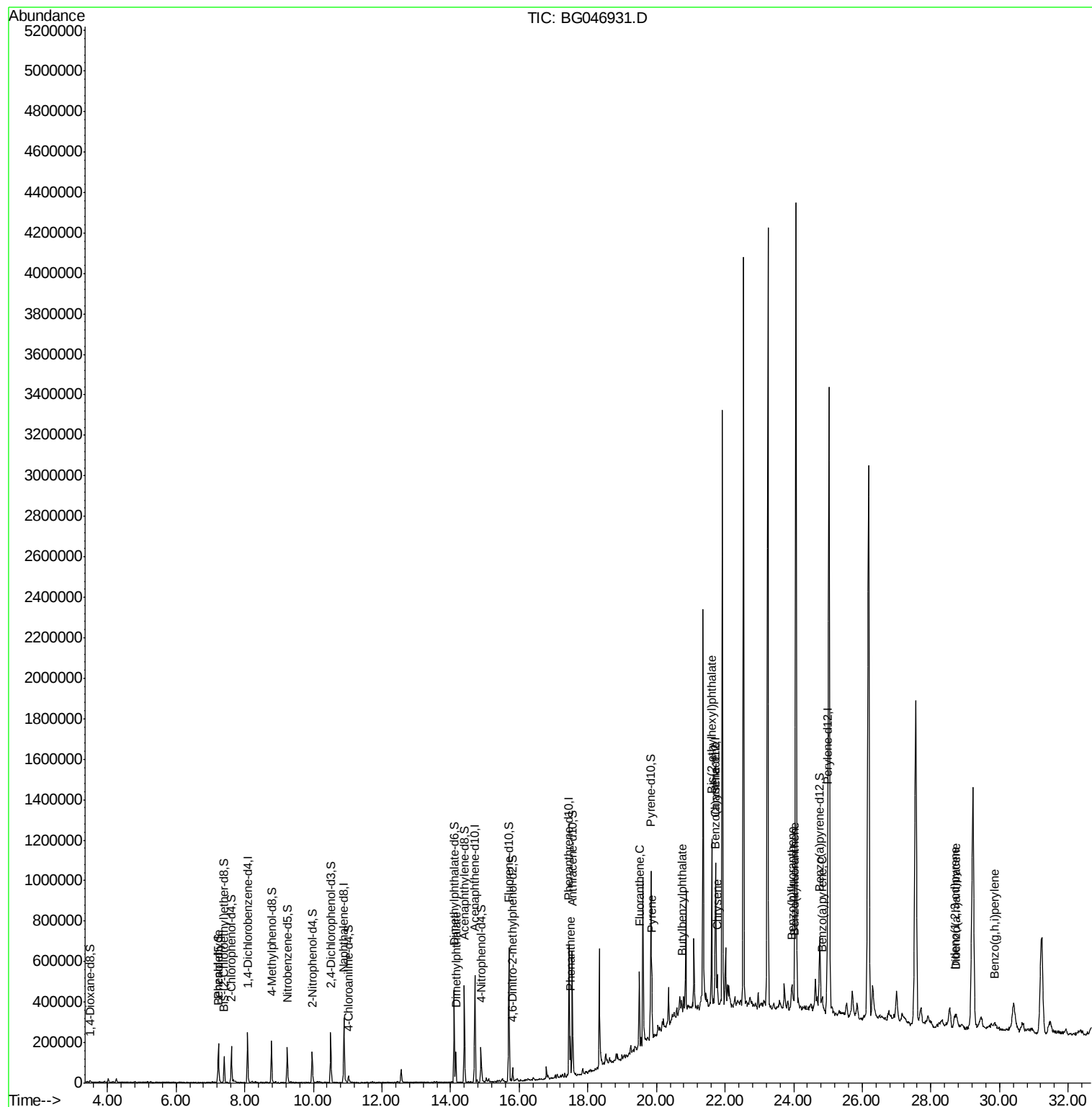
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046931.D
Acq On : 16 Oct 2020 15:24
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Sample : L4201-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

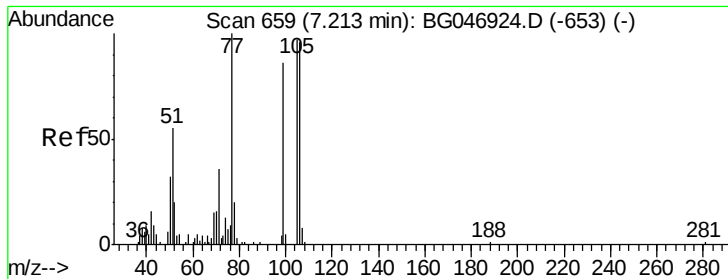
Instrument :
BNA_G
ClientSampleId :
C0AL9

Quant Time: Oct 16 16:04:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 2.045 ng/ul

RT: 7.22 min Scan# 660

Delta R.T. 0.01 min

Lab File: BG046931.D

Acq: 16 Oct 2020 15:24

Instrument :

BNA_G

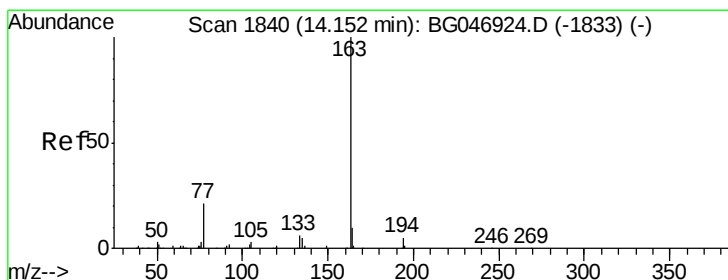
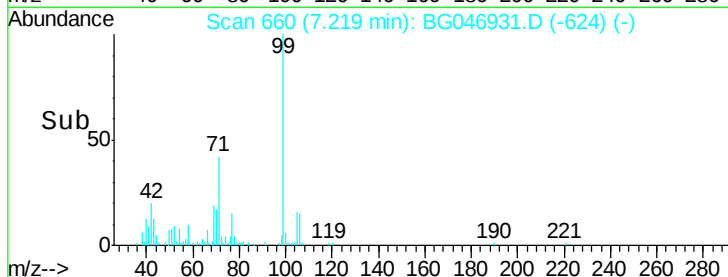
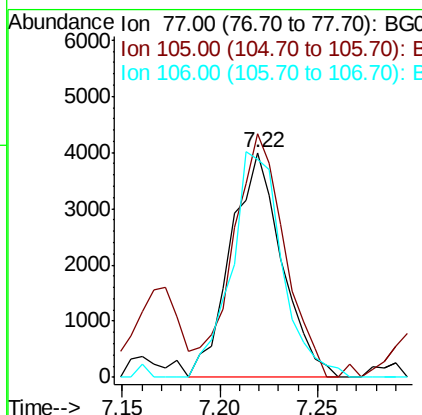
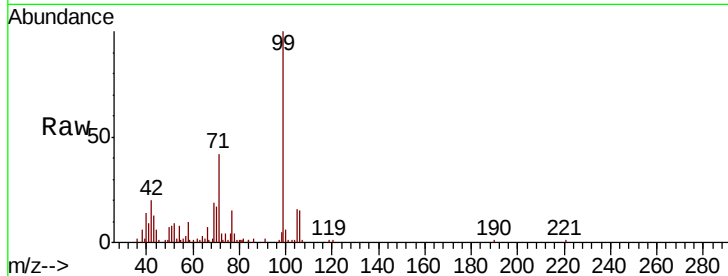
ClientSampleId :

C0AL9

Tot Ion:	77	Resp:	7265
Ion	Ratio	Lower	Upper
77	100		
105	108.4	80.0	120.0
106	97.2	65.8	98.6

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#45

Dimethylphthalate

Concen: 5.486 ng/ul

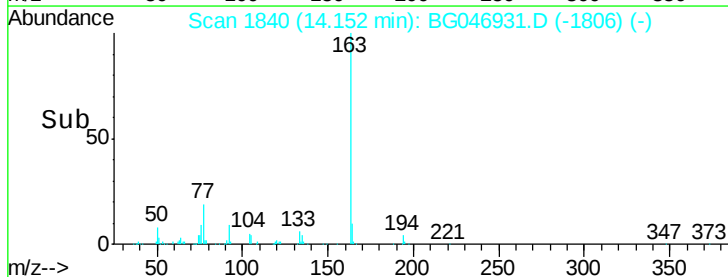
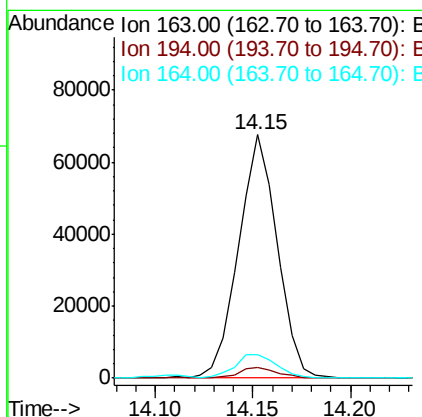
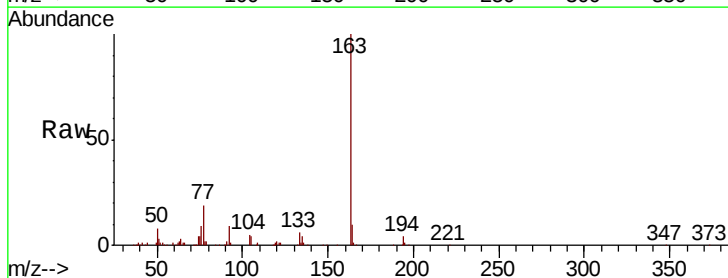
RT: 14.15 min Scan# 1840

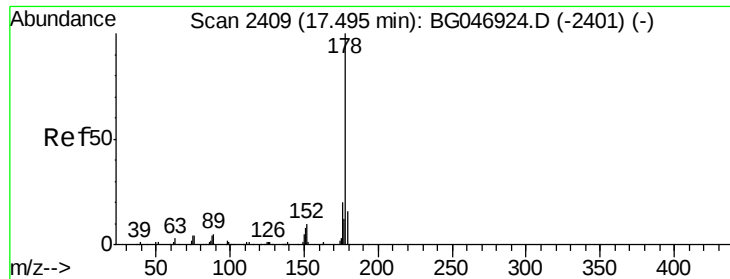
Delta R.T. -0.00 min

Lab File: BG046931.D

Acq: 16 Oct 2020 15:24

Tgt Ion:	163	Resp:	92492
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	9.5	7.8	11.8





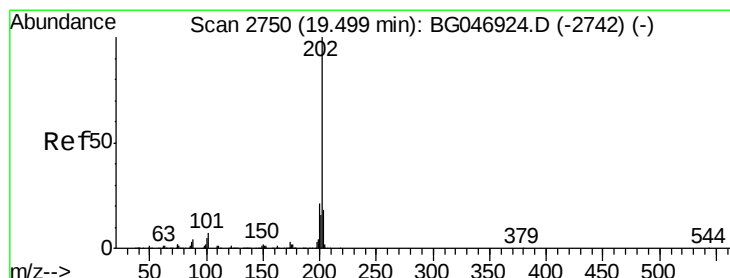
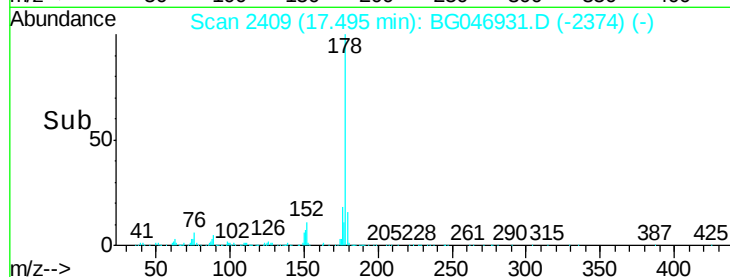
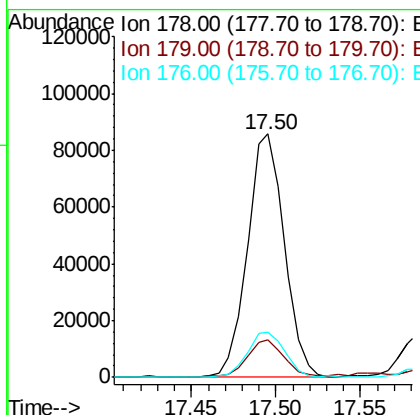
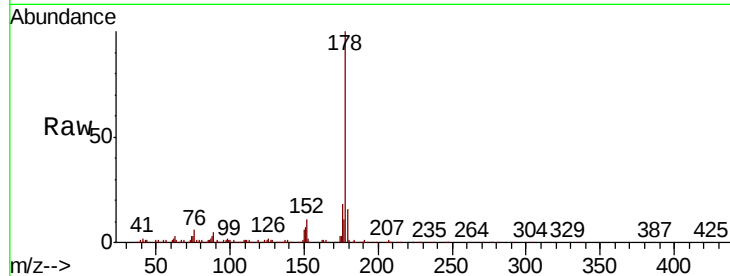
#70
Phenanthrene
Concen: 5.602 ng/ul
RT: 17.50 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Instrument :
BNA_G
ClientSampleId :
C0AL9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.4	15.0	22.4

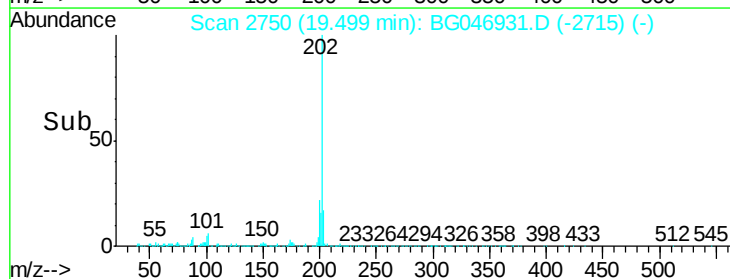
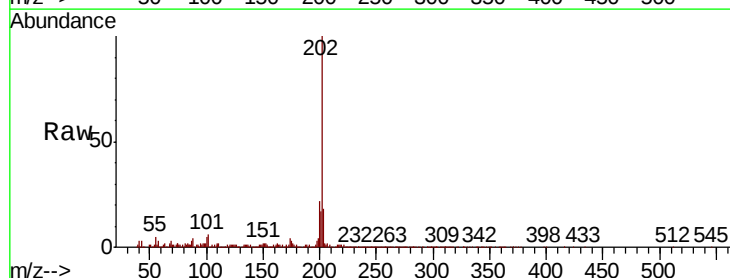
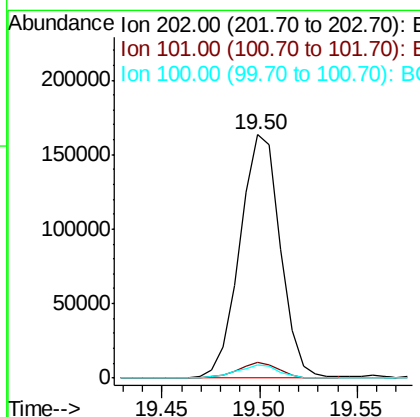
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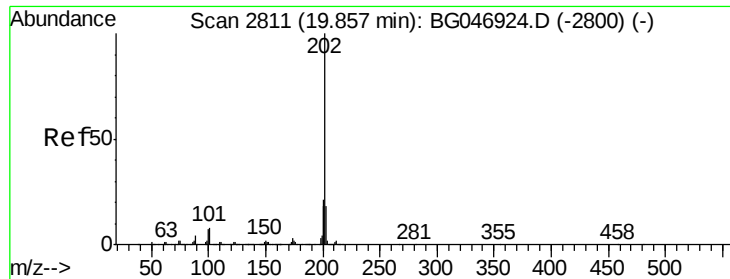
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#77
Fluoranthene
Concen: 8.300 ng/ul
RT: 19.50 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.9	7.3
100	5.3	4.6	6.8





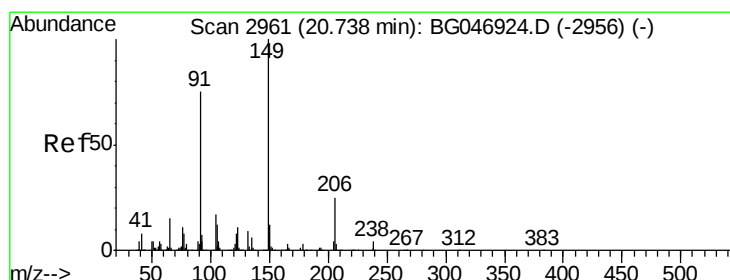
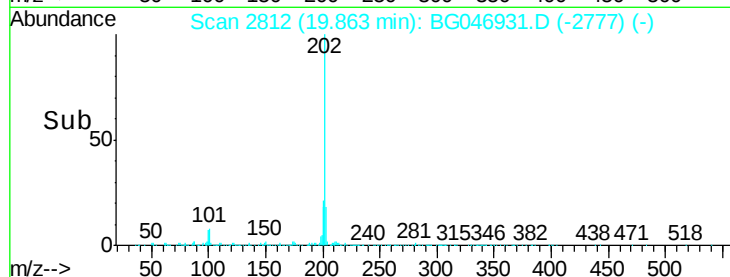
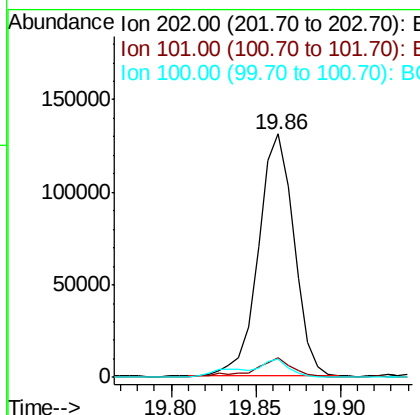
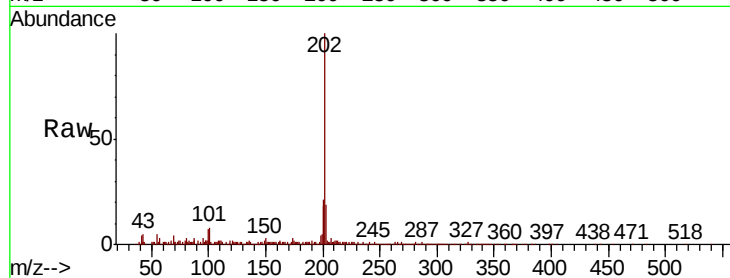
#80
Pvrene
Concen: 7.773 ng/ul
RT: 19.86 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Instrument :
BNA_G
ClientSampleId :
C0AL9

Tot Ion	Ratio	Resp	Lower	Upper
202	100	191544		
101	7.8	6.5	9.7	
100	7.4	5.2	7.8	

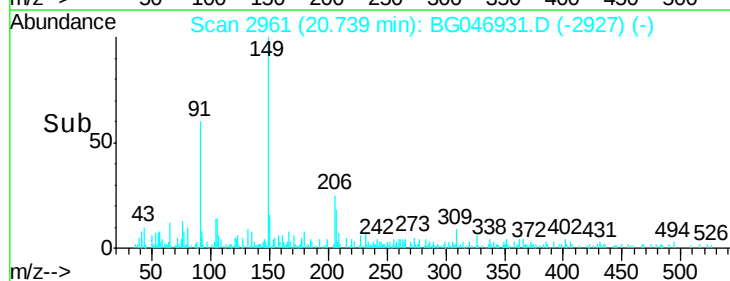
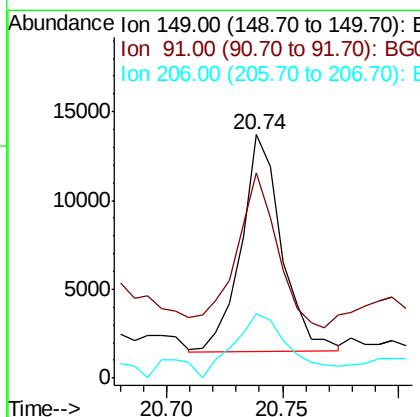
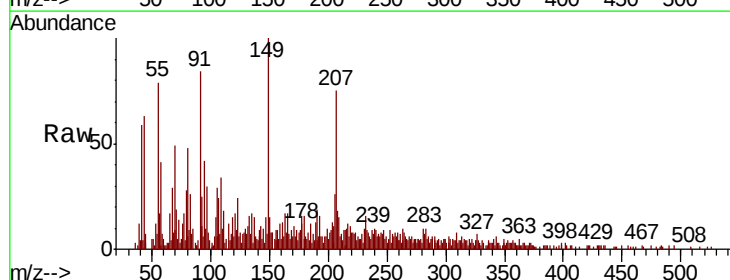
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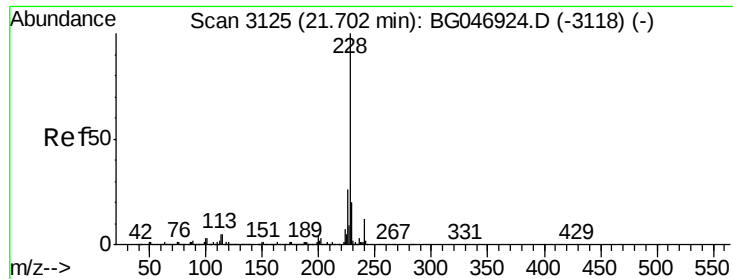
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#81
Butylbenzylphthalate
Concen: 1.656 ng/ul
RT: 20.74 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	14853		
91	84.1	58.7	88.1	
206	26.3	21.2	31.8	





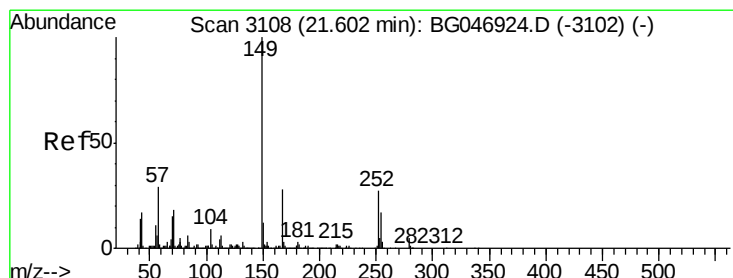
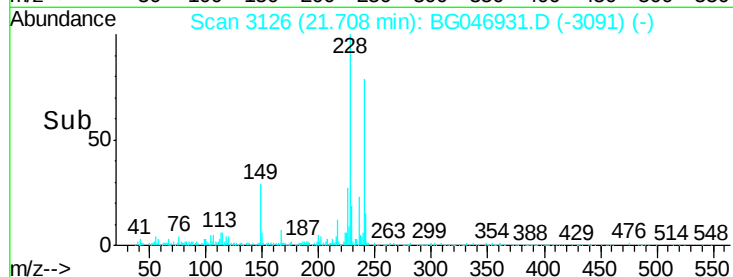
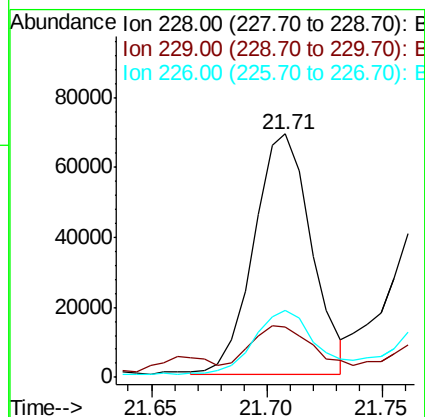
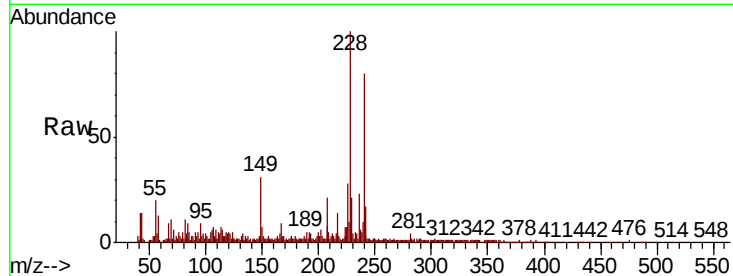
#83
Benzo(a)anthracene
Concen: 4.750 ng/ul
RT: 21.71 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Instrument :
BNA_G
ClientSampleId :
C0AL9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	27.7	21.6	32.4

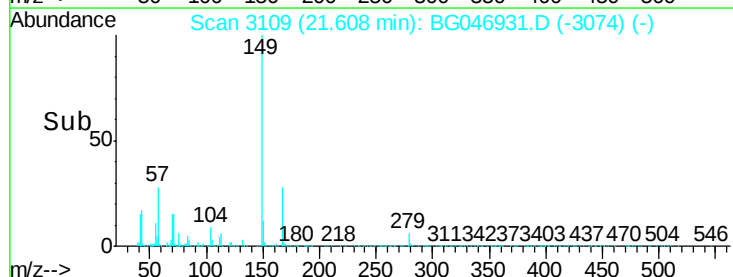
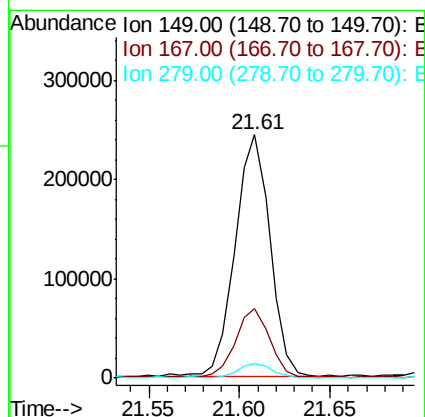
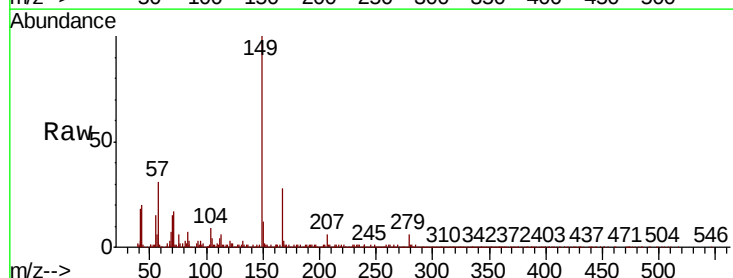
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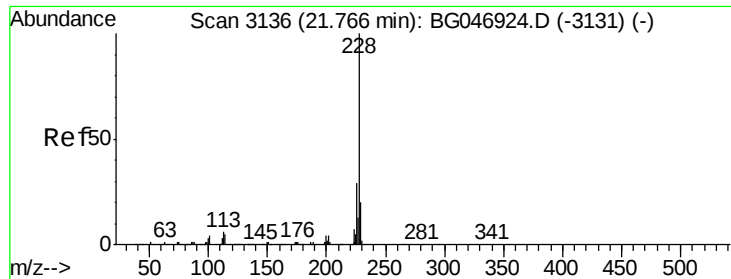
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#84
Bis(2-ethylhexyl)phthalate
Concen: 25.234 ng/ul
RT: 21.61 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	6.0	4.6	7.0





#85

Chrysene

Concen: 4.963 ng/ul m

RT: 21.77 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG046931.D

Acq: 16 Oct 2020 15:24

Instrument :

BNA_G

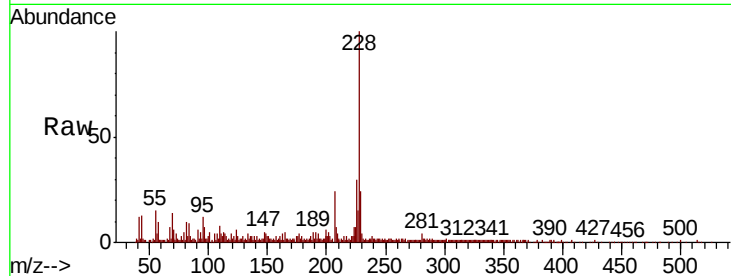
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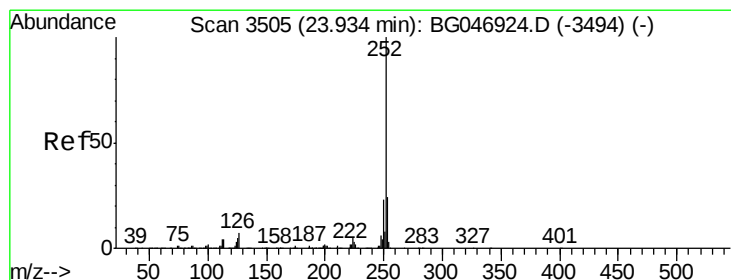
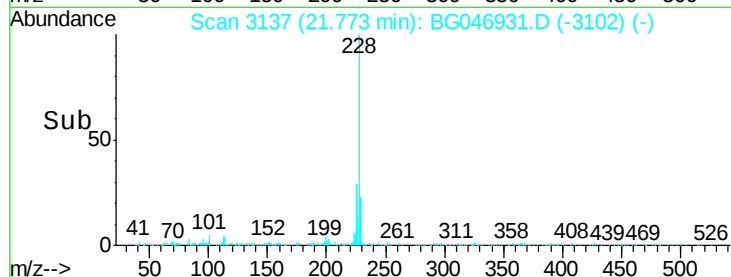
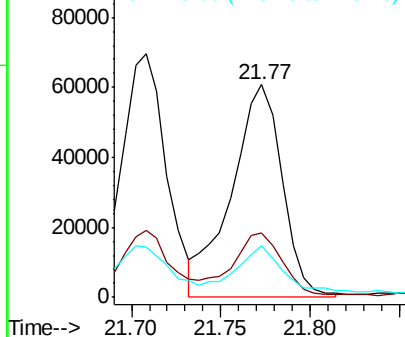
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.2	34.8
229	24.1	15.6	23.4

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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



#88

Benzo(b)fluoranthene

Concen: 6.466 ng/ul

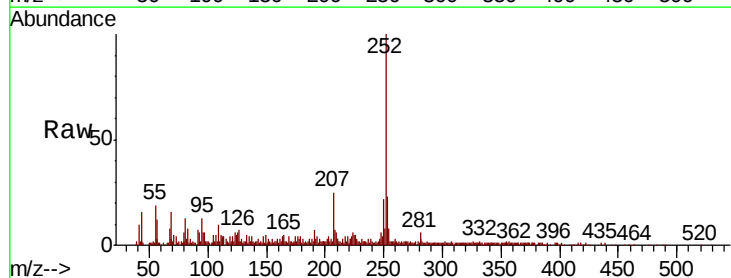
RT: 23.95 min Scan# 3507

Delta R.T. 0.01 min

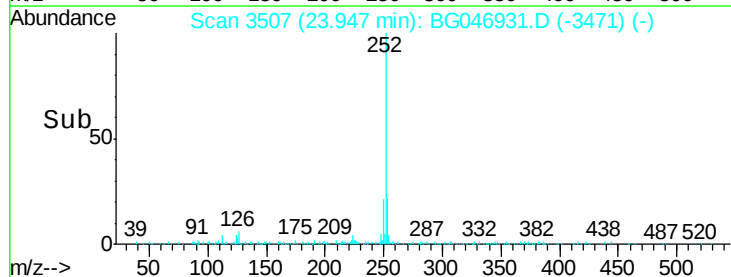
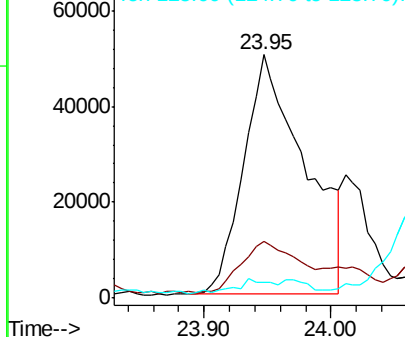
Lab File: BG046931.D

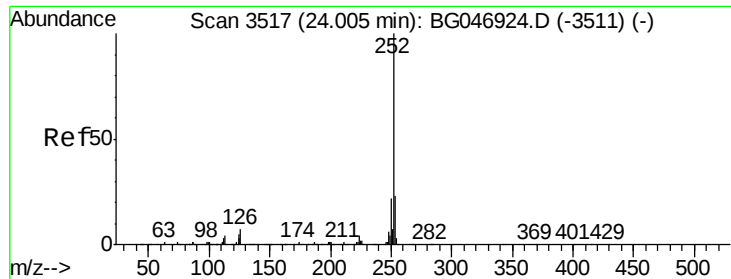
Acq: 16 Oct 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	6.4	4.6	7.0



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





#89

Benzo(k)fluoranthene

Concen: 1.897 ng/ul

RT: 24.01 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG046931.D

Acq: 16 Oct 2020 15:24

Instrument :

BNA_G

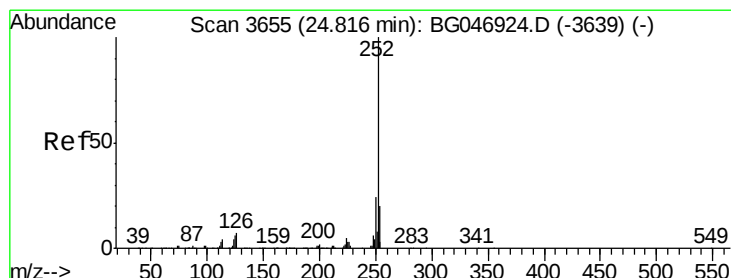
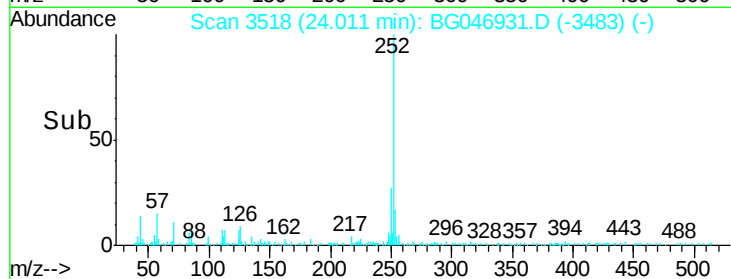
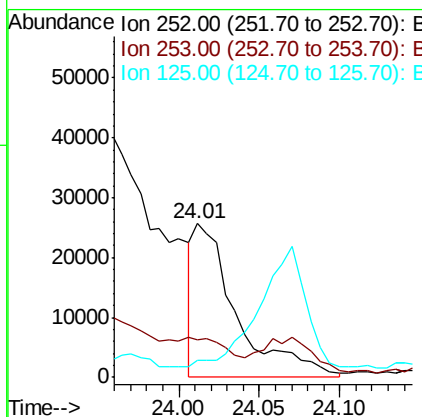
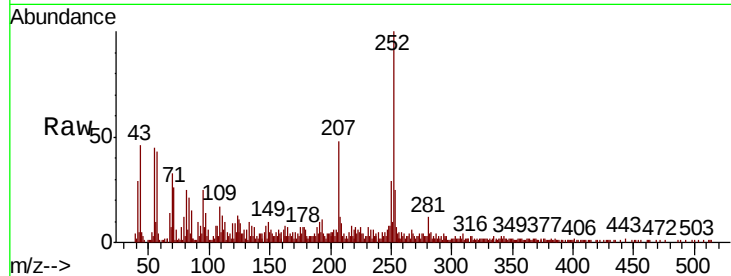
ClientSampleId :

C0AL9

Tot Ion:	252	Resp:	47585
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.7	26.5
125	11.3	4.2	6.4#

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#91

Benzo(a)pyrene

Concen: 4.420 ng/ul

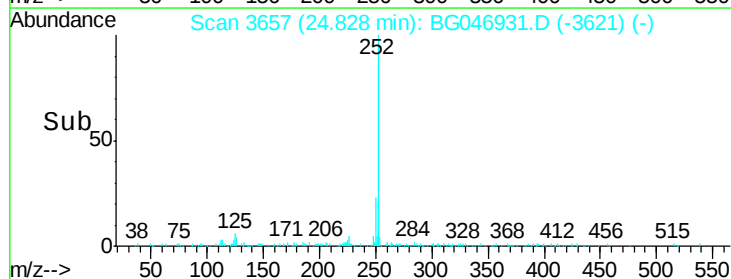
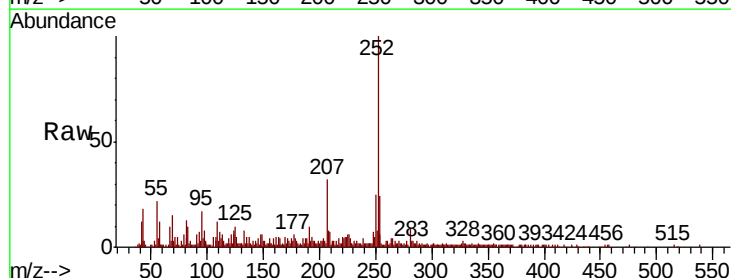
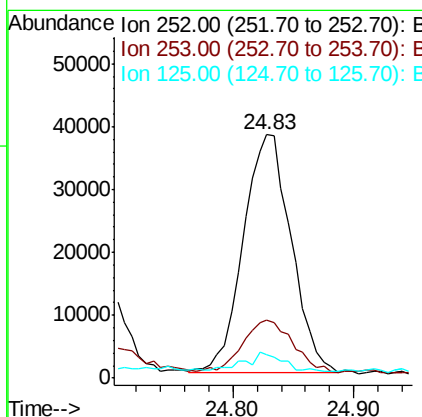
RT: 24.83 min Scan# 3657

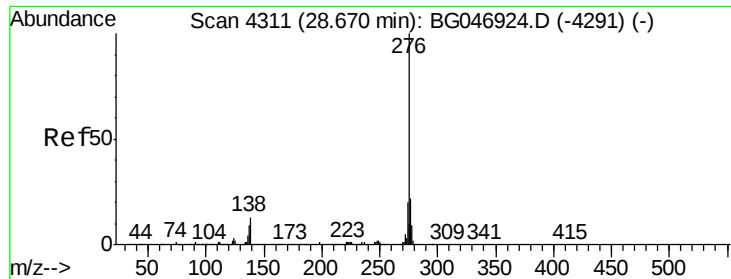
Delta R.T. 0.01 min

Lab File: BG046931.D

Acq: 16 Oct 2020 15:24

Tgt Ion:	252	Resp:	103355
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	9.9	5.4	8.0#





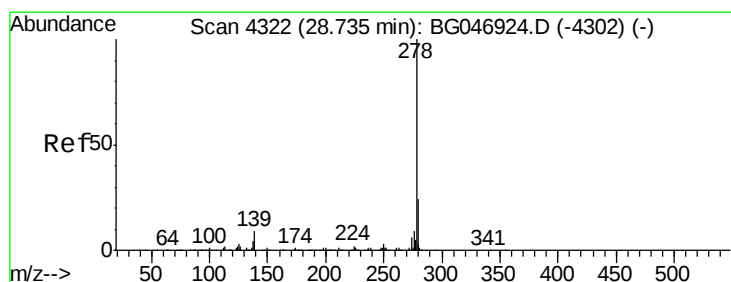
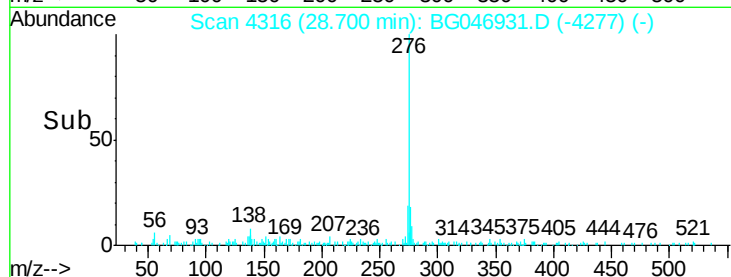
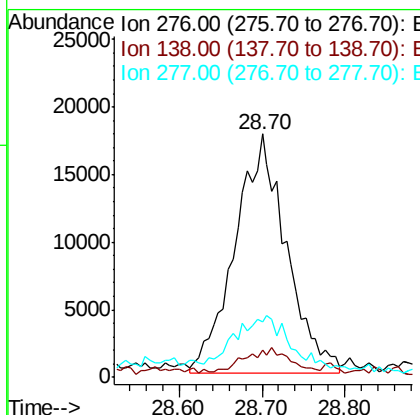
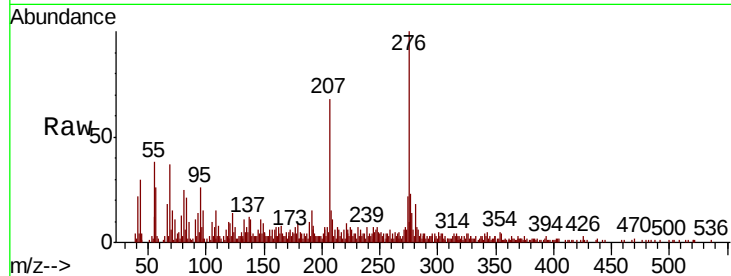
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.673 ng/ul m
RT: 28.70 min Scan# 4316
Delta R.T. 0.03 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Instrument :
BNA_G
ClientSampleId :
C0AL9

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	7.8	11.6
277	23.0	19.4	29.2

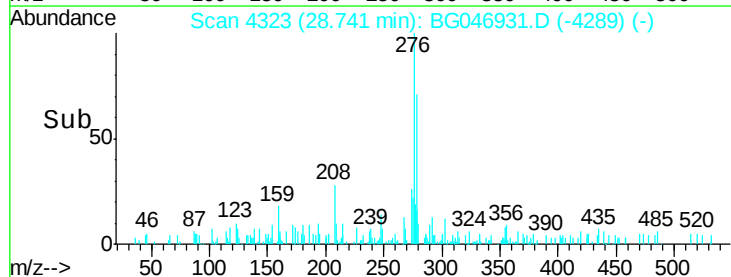
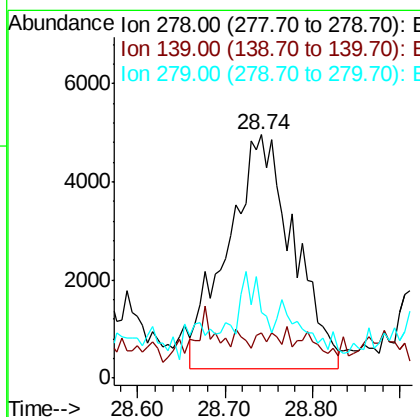
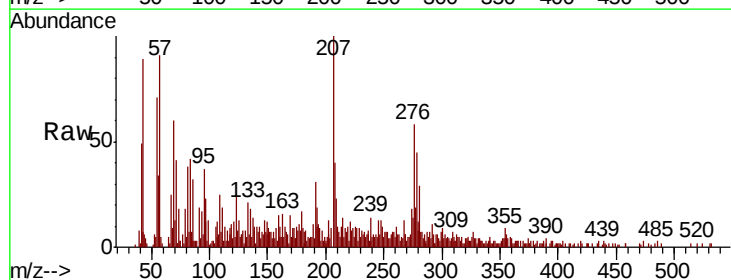
Manual Integrations
APPROVED

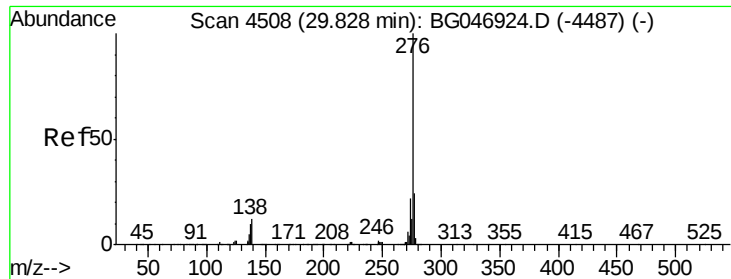
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 1.048 ng/ul m
RT: 28.74 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG046931.D
Acq: 16 Oct 2020 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	7.0	10.6#
279	26.8	19.0	28.4





#94
 Benzo(a,h,i)perylene
 Concen: 2.649 ng/ul
 RT: 29.85 min Scan# 4512
 Delta R.T. 0.02 min
 Lab File: BG046931.D
 Acq: 16 Oct 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 C0AL9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	24.2	18.5	27.7

Manual Integrations
 APPROVED

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